

# Trouble Shooting Manual TSM

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#### CUSTOMER SERVICES

TECHNICAL DATA SUPPORT AND SERVICES 31707 BLAGNAC CEDEX, FRANCE



REQUEST FOR INFORMATION/REVISION **Deal With One Subject Only** From Originator Ref. : To: Address for Return: Ref.: Date RCVD : From Partner: Classification: RFI/R Registration Ref. FSN/MSN: Operator: A/C Type: Version: Manuel Concerned: **Revision Date:** ATA 100 Reference: Task: SCH: Page: Non ATA Specification: **Complementary Information:** QUESTION/SUGGESTION Name: Date: **ANSWER** 

Name: Signature: Date:

### TROUBLE SHOOTING MANUAL

### **RECORD OF REVISIONS**

REV	ISSUE	INSERT	ION	REV	ISSUE	INSERT	ION
N°	DATE	DATE	BY	N°	DATE	DATE	BY
		D/ (12	<u> </u>		<i>D,</i> (12		В.
00	Aug 01/94	Nov. 01/0/		47 48		Aug 01/06	
02		Nov 01/94		49		Nov 01/06	
		Feb 01/95				Feb 01/07	
03 04		May 01/95		50		May 01/07	
05		Aug 01/95		51 52		Aug 01/07 Nov 01/07	
		Feb 01/96					
06 07		May 01/96		53		Feb 01/08	
		Aug 01/96		54		May 01/08	
08 09		Nov 01/96					
		Feb 01/97					
10		May 01/97					
11		Aug 01/97					
12		Nov 01/97					
13		Feb 01/98					
14		May 01/98					
15		Aug 01/98					
16		Nov 01/98					
17 18		Feb 01/99 May 01/99					
19							
		Aug 01/99					
20		Nov 01/99					
21		Feb 01/00					
22		May 01/00					
23		Aug 01/00					
24 25		Nov 01/00					
26		Feb 01/01					
27		May 01/01     Aug 01/01					
28		Nov 01/01					
29		Feb 01/02					
30		May 01/02					
31		Aug 01/02					
32		Nov 01/02					
33		Feb 01/03					
34		May 01/03					
35		Aug 01/03					
36		Nov 01/03					
37		Feb 01/04					
38		May 01/04					
39		Aug 01/04					
40		Nov 01/04					
41		Feb 01/05					
42		May 01/05					
43		Aug 01/05					
44		Nov 01/05					
45		Feb 01/06					
46		May 01/06					
"		, 51, 55					

### TROUBLE SHOOTING MANUAL

#### LIST OF TEMPORARY REVISIONS

1.	The Temporary Revisions which follow have been included in the revision dated May 01/08 and must be removed and discarded.
	Update the Record of Temporary Revision.
	TR Nº
	None.
•	TI T

2. The Temporary Revisions issued after Apr 15/08 must be kept until they are removed by a normal revision or a subsequent TR.

\*\* End of List \*\*

**EFFECTIVITY** 

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### TROUBLE SHOOTING MANUAL

#### LIST OF CHAPTERS

SB List COC List Index of Warnings/Malfunctions Index of Maintenance Fault Messages

- 00 INTRODUCTION
- 05 TIME LIMITS/MAINTENANCE CHECKS
- 21 AIR CONDITIONING
- 22 AUTO FLIGHT
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- 24 ELECTRICAL POWER
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- 79 OIL
- 80 STARTING

#### TROUBLE SHOOTING MANUAL

#### **INTRODUCTION**

The present Service Bulletin List (SB List) is compiled at manual level. The SB List reflects the incorporation status of Airbus Service Bulletins that were selected by the Operator and of which Airbus was notified.

In addition it contains the status of mandatory Service Bulletins and those offered free of charge by Airbus under a campaign change scheme.

The SB List has the following six columns to indicate SBs and their status:

- Movement code
- Incorporation code
- SB number
- SB revision
- Status/incorporation date
- Remarks

#### **MOVEMENT CODE**

Revision indicator "R" stands for change to the printed matter as per ATA 100.

#### INCORPORATION CODE

This is the SB configuration in the manual and can be "S" or "C". "S" is used to indicate Split (Dual) Configuration and "C" is used to indicate Complete (Final) Configuration.

#### SB NUMBER

This is the number of the Airbus SB.

#### **SB REVISION**

This is the revision number of the Airbus SB.

#### STATUS/INCORPORATION DATE

SB status or incorporation date is indicated in this column as follows:

If the SB is fully incorporated into the manual, the incorporation date is indicated.

If the SB is partially incorporated into the manual, the field is left blank.

If the SB data does not affect the manual content, the comment "NO EFFECT" is given.

If the SB has been rejected by the Operator, the SB data is removed from the manual and the comment "REJECTED" is given.

#### REMARK

The "REMARK" column may be used for Operator originated reference numbers corresponding to the Airbus SB numbers.

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

			STATUS/ INCORP.DATE	REMARKS
<u>-</u>	 			i
	00-1013	31	NO EFFECT	
		32	NO EFFECT	
		33	NO EFFECT	
		34	NO EFFECT	
		35	NO EFFECT	
		36	NO EFFECT	
		37	NO EFFECT	
		38	NO EFFECT	
		39	NO EFFECT	
		40	NO EFFECT	
		41	NO EFFECT	
		42	NO EFFECT	
		43 44	NO EFFECT	
		44	NO EFFECT NO EFFECT	
		46	NO EFFECT	
		47	NO EFFECT	
		48	NO EFFECT	
		49	NO EFFECT	
		50	NO EFFECT	
		51	NO EFFECT	
		52	NO EFFECT	
	00 4047	47	NO EFFECT	
	00-1016	14	NO EFFECT	
		15 16	NO EFFECT NO EFFECT	
		17	NO EFFECT	
		18	NO EFFECT	
		19	NO EFFECT	
		20	NO EFFECT	
		21	NO EFFECT	
		22	NO EFFECT	
		23	NO EFFECT	
		24	NO EFFECT	
		25	NO EFFECT	
		26	NO EFFECT	
R		27	NO EFFECT	
	00-1034		NO EFFECT	
	00 1034	01	NO EFFECT	
	00 4070	20	NO EFFECT	
	00-1038	20 21	NO EFFECT NO EFFECT	
		۷ ۱	NU EFFECT	

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

	SB		STATUS/ INCORP.DATE	REMARKS
	 	·		
	00 4070	22		
	00-1038	22	NO EFFECT	
	00-1039	15	NO EFFECT	
	00 .007	16	NO EFFECT	
		17	NO EFFECT	
	00-1043	06	NO EFFECT	
		07	NO EFFECT	
		08	NO EFFECT	
		09 10	NO EFFECT No effect	
		11	NO EFFECT	
		12	NO EFFECT	
		13	NO EFFECT	
		14	NO EFFECT	
		15	NO EFFECT	
		16	NO EFFECT	
		17	NO EFFECT	
_		18	NO EFFECT	
R		19	NO EFFECT	
	00-1046		NO EFFECT	
	00 1040	01	NO EFFECT	
		•		
	00-1047		NO EFFECT	
		01	NO EFFECT	
	00-1058	05	NO EFFECT	
		06	NO EFFECT	
		07 08	NO EFFECT NO EFFECT	
		09	NO EFFECT	
		10	NO EFFECT	
		11	NO EFFECT	
		12	NO EFFECT	
		13	NO EFFECT	
		14	NO EFFECT	
		15	NO EFFECT	
		16 17	NO EFFECT	
		17 18	NO EFFECT No effect	
		19	NO EFFECT	
		20	NO EFFECT	
		_		

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

	- SB Number			REMARKS
	00-1058	21	NO EFFECT	
		22	NO EFFECT	
		23	NO EFFECT	
		24	NO EFFECT	
		25	NO EFFECT	
		26	NO EFFECT	
		27	NO EFFECT	
		28	NO EFFECT	
		29	NO EFFECT	
		<b>3</b> 0	NO EFFECT	
		31	NO EFFECT	
		32	NO EFFECT	
		33	NO EFFECT	
		34	NO EFFECT	
		35	NO EFFECT	
		36	NO EFFECT	
		37	NO EFFECT	
		38	NO EFFECT	
		39	NO EFFECT	
		40	NO EFFECT	
		41	NO EFFECT	
		42	NO EFFECT	
		43	NO EFFECT	
		44	NO EFFECT	
		45	NO EFFECT	
		46	NO EFFECT	
		47	NO EFFECT	
		48	NO EFFECT	
		49	NO EFFECT	
		50	NO EFFECT	
		51 52	NO EFFECT	
		52 57	NO EFFECT	
		53 57	NO EFFECT	
		54	NO EFFECT	
В		55 54	NO EFFECT	
R		56	NO EFFECT	
	00-1068		NO EFFECT	
		01	NO EFFECT	
	00-1069	06	NO EFFECT	
		07	NO EFFECT	
		08	NO EFFECT	

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

INCORP. CODE			STATUS/ INCORP.DATE	REMARKS	
	NUMBEK				
	00-1069	09	NO EFFECT		
		10	NO EFFECT		
R		11	NO EFFECT		
	00-1071		NO EFFECT		
		01	NO EFFECT		
	00-1072		NO EFFECT		
		01	NO EFFECT		
		02	NO EFFECT		
	00-1073		NO EFFECT		
		01	NO EFFECT		
		02	NO EFFECT		
	00-1074		NO EFFECT		
		01	NO EFFECT		
		02	NO EFFECT		
		03	NO EFFECT		
_		04	NO EFFECT		
R		05	NO EFFECT		
	00-1098		NO EFFECT		
		01	NO EFFECT		
	00-1099		NO EFFECT		
		01	NO EFFECT		
		02	NO EFFECT		
		03	NO EFFECT		
	00-1101		NO EFFECT		
	00-1106	01	NO EFFECT		
		02	NO EFFECT		
		03	NO EFFECT		
		04	NO EFFECT		
	00-1114		NO EFFECT		
	00-1124		NO EFFECT		
	00-1133		NO EFFECT		
		01	NO EFFECT		

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

 	INCORP.	SB Number		STATUS/ INCORP.DATE	REMARKS		
_		00 4475	0.4	NO 555507			
R		00-1175	U <b>4</b>	NO EFFECT			
		11-1012	01	NO EFFECT			
		11-1020		NO EFFECT			
		11-1024		NO EFFECT			
		11-1029		NO EFFECT			
		11-1040		NO EFFECT			
		11-1047		NO EFFECT			
		21-1046	02	NO EFFECT			
	С	21-1048	03	MAY 01/01			
			04	NO EFFECT			
			05	NO EFFECT			
			06	NO EFFECT			
		21-1068		NO EFFECT			
		21-1078	03	NO EFFECT			
			04	NO EFFECT			
			05	NO EFFECT			
			06	NO EFFECT			
			07	NO EFFECT			
	С	21-1087	09	MAY 01/04			
			10	NO EFFECT			
			11	NO EFFECT			
			12	NO EFFECT			
			13	NO EFFECT			
			14	NO EFFECT			
			15	NO EFFECT			
			16	NO EFFECT			
			17	NO EFFECT			
			18	NO EFFECT			
			19	NO EFFECT			
			20	NO EFFECT			
			21	NO EFFECT			
			22	NO EFFECT			

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

	INCORP.	SB Number		STATUS/ INCORP.DATE	REMARKS
		21-1087	23	NO EFFECT	
		21 1001	24	NO EFFECT	
			25	NO EFFECT	
			26	NO EFFECT	
			27	NO EFFECT	
			28	NO EFFECT	
			29	NO EFFECT	
			30	NO EFFECT	
			31	NO EFFECT	
			32	NO EFFECT	
			33	NO EFFECT	
			34	NO EFFECT	
			35	NO EFFECT	
			36	NO EFFECT	
			37	NO EFFECT	
			38	NO EFFECT	
			39	NO EFFECT	
			40	NO EFFECT	
			41	NO EFFECT	
			42	NO EFFECT	
			43	NO EFFECT	
			44	NO EFFECT	
		21-1088		NO EFFECT	
			01	NO EFFECT	
	С	21-1091	01	AUG 01/97	
			02	NO EFFECT	
		21-1095		NO EFFECT	
		21-1096		NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
		21-1097	01	NO EFFECT	
		21-1099	01	NO EFFECT	
		21-1102		NO EFFECT	
		21-1103		NO EFFECT	
			01	NO EFFECT	

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

INCORP.   CODE	SB Number		STATUS/ INCORP.DATE	REMARKS	
S	21-1104		NOV 01/96		
	21-1105	01	NO EFFECT		
	21-1106		REJECTED		
	21-1107		NO EFFECT		
	21-1112	02	NO EFFECT		
	21-1113	01 02 03 04	NO EFFECT NO EFFECT NO EFFECT NO EFFECT		
С	21-1116	02	NOV 01/99 NO EFFECT NO EFFECT	510505	
С	21-1118		MAY 01/00	E0 510483 510483	
	21-1119	06 07 08 09 10	NO EFFECT NO EFFECT NO EFFECT NO EFFECT NO EFFECT		
	21-1121	01 02 03	NO EFFECT NO EFFECT NO EFFECT		
	21-1124		NO EFFECT		
	21-1125	01	NO EFFECT		
	21-1129	01	NO EFFECT		
	21-1131	01 02	NO EFFECT NO EFFECT		

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

   	INCORP. CODE	SB NUMBER	REV	STATUS/ INCORP.DATE	REMARKS
	S	21-1134		NOV 01/06	
			01	NO EFFECT	
		21-1136		NO EFFECT	
	S	21-1139		NOV 01/04	
	R		01	NO EFFECT	
		21-1141	02	NO EFFECT	
		21-1147		NO EFFECT	
		21-1153		NO EFFECT	
		21-1155		NO EFFECT	
		21-1164		NO EFFECT	
		21-1165		NO EFFECT	
		21-1906		REJECTED	
		21E1001	02 03	NO EFFECT	SB 87292325-21-008
			03	NO EFFECT	
		22-1034		NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
			03 04	NO EFFECT No effect	
			04	NO EFFECT	
		22-1035	03	NO EFFECT	
		22-1038	01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
		22-1044	01	NO EFFECT	
		_	02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

INCORP. S   CODE NUMBER		STATUS/ INCORP.DATE	REMARKS
			<del>-</del>
22-1044		NO EFFECT	
	07	NO EFFECT	
	08	NO EFFECT	
	09	NO EFFECT	
	10	NO EFFECT	
	11	NO EFFECT	
	12	NO EFFECT	
	13	NO EFFECT	
	14	NO EFFECT	
	15	NO EFFECT	
	16	NO EFFECT	
	17	NO EFFECT	
22-1045		NO EFFECT	
	01	NO EFFECT	
	02	NO EFFECT	
	03	NO EFFECT	
22-1048		NO EFFECT	513130
	01	NO EFFECT	
22-1049	03	NO EFFECT	
	04	NO EFFECT	
	05	NO EFFECT	
	06	NO EFFECT	
	07	NO EFFECT	
	08	NO EFFECT	
	09	NO EFFECT	
	10	NO EFFECT	
	11	NO EFFECT	
	12	NO EFFECT	
	13	NO EFFECT	
	14	NO EFFECT	
	15	NO EFFECT	
	16	NO EFFECT	
	17	NO EFFECT	
	18	NO EFFECT	
	19	NO EFFECT	
22-1054	01	NO EFFECT	
	02	NO EFFECT	
22-1055	02	NO EFFECT	

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

		SB NUMBER		STATUS/ INCORP.DATE	REMARKS
		22-1057		NO EFFECT	
		22 .05.	01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
	С	22-1058		MAY 01/00	
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
			80	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
			11	NO EFFECT	
			12 13	NO EFFECT	
			14	NO EFFECT NO EFFECT	
			15	NO EFFECT	
			16	NO EFFECT	
			17	NO EFFECT	
			18	NO EFFECT	
			19	NO EFFECT	
			20	NO EFFECT	
			21	NO EFFECT	
			22	NO EFFECT	
			23	NO EFFECT	
			24	NO EFFECT	
			25	NO EFFECT	
			26	NO EFFECT	
			27	NO EFFECT	
			28	NO EFFECT	
			29	NO EFFECT	
			<b>30</b>	NO EFFECT	
			<b>31</b>	NO EFFECT	
			<b>32</b>	NO EFFECT	
			33 34	NO EFFECT NO EFFECT	
			34 35	NO EFFECT	
			36	NO EFFECT	
			30	NU EFFELI	

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

CODE NUMBER REV INCORP.D	
22-1058 37 NO EFF	
22-1058 37 NO EFF	
	FECT
38 NO EFF	
39 NO EFF	
40 NO EFF	
41 NO EFF	
42 NO EFF	FECT
22-1060 02 NO EFF	FECT 513396
22-1061 NO EFF	FECT 513191
22-1063 NO EFF	FECT 513396
O1 NO EFF	FECT
02 NO EFF	FECT
03 NO EFF	FECT
22-1072 NO EFF	FECT 513420
01 NO EFF	FECT
02 NO EFF	FECT
03 NO EFF	FECT
22-1074 NO EFF	FECT 513396
O1 NO EFF	FECT
02 NO EFF	FECT
22-1076 01 NO EFF	FECT
22-1079 08 NO EFF	FECT
22-1084 NO EFF	
O1 NO EFF	FECT
02 NO EFF	
03 NO EFF	
04 NO EFF	
O5 NO EFF	
06 NO EFF	FECT
22-1085 01 NO EFF	FECT
22-1086 01 NO EFF	FECT
02 NO EFF	
22-1088 NO EFF	FECT

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

   	INCORP.	SB NUMBER	RFV	TNCOPP DATE	REMARKS	
	S	22-1089	04	FEB 01/03		
			05	NO EFFECT		
			06	NO EFFECT		
			07	NO EFFECT		
			08	NO EFFECT		
			09	NO EFFECT		
			10	NO EFFECT		
		22-1091	04	NO EFFECT		
			05	NO EFFECT		
			06	NO EFFECT		
		22-1092	02	NO EFFECT		
			03	NO EFFECT		
			04	NO EFFECT		
			05	NO EFFECT		
			06	NO EFFECT		
			07	NO EFFECT		
			80	NO EFFECT		
			09	NO EFFECT		
			10	NO EFFECT		
			11	NO EFFECT		
		22-1093	06	NO EFFECT		
			07	NO EFFECT		
			80	NO EFFECT		
			09	NO EFFECT		
			10	NO EFFECT		
			11	NO EFFECT		
			12	NO EFFECT		
			13	NO EFFECT		
		22-1102		NO EFFECT		
			01	NO EFFECT		
			02	NO EFFECT		
	С	22-1103	03	FEB 01/05		
			04	NO EFFECT		
		22-1104	05	NO EFFECT		
		22-1106	02	NO EFFECT		
			03	NO EFFECT		

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

ļ	INCORP.			STATUS/	REMARKS
	CODE	NUMBER		INCORP.DATE	
		22-1106	04	NO EFFECT	
				NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
		22-1107		NO EFFECT	
		22-1108		NO EFFECT	
		22-1123	03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
		22-1137		NO EFFECT	
		22-1144	01	NO EFFECT	
		22-1147	01	NO EFFECT	
		22-1148		NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
			80	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
R			11	NO EFFECT	
	С	22-1152		AUG 01/05	
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
		22-1155		NO EFFECT	
			01	NO EFFECT	
		22-1168		NO EFFECT	
			01	NO EFFECT	

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

	INCORP. CODE	SB NUMBER		STATUS/ INCORP.DATE	REMARKS
		22-1171	01	NO EFFECT	
		22-1174		NO EFFECT	
		LL 1114	01	NO EFFECT	
		22-1182	02	NO EFFECT	
		22-1193	01	NO EFFECT	
		22-1194	01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
R	!		04	NO EFFECT	
	S	22-1196		NOV 01/06	
		22-1199	03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
		22-1205		NO EFFECT	
			01	NO EFFECT	
	S	22-1217		MAY 01/07	
			01	NO EFFECT	
			02	NO EFFECT	
R	l		03	NO EFFECT	
	S	23-1024	17	FEB 01/00	
			18	NO EFFECT	
			19	NO EFFECT	
			20	NO EFFECT	
			21	NO EFFECT	
			22	NO EFFECT	
			23	NO EFFECT	
			24	NO EFFECT	
			25 26	NO EFFECT No effect	
			26 27	NO EFFECT	
			28	NO EFFECT	
			29	NO EFFECT	
			30	NO EFFECT	

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

	INCORP. CODE	SB NUMBER		STATUS/ INCORP.DATE	REMARKS
		23-1024		NO EFFECT	
			32	NO EFFECT	
			33	NO EFFECT	
			34	NO EFFECT	
			35	NO EFFECT	
			36	NO EFFECT	
			37	NO EFFECT	
			38	NO EFFECT	
			39	NO EFFECT	
			40	NO EFFECT	
R			41	NO EFFECT	
R			42	NO EFFECT	
		23-1049	05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
			08	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
			11	NO EFFECT	
R			12	NO EFFECT	
R			13	NO EFFECT	
		23-1052	08	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
			11	NO EFFECT	
	S	23-1057	13	NOV 01/02	
			14	NO EFFECT	
			15	NO EFFECT	
			16	NO EFFECT	
			17	NO EFFECT	
			18	NO EFFECT	
			19	NO EFFECT	
			20	NO EFFECT	
			21	NO EFFECT	
			22	NO EFFECT	
			23	NO EFFECT	
			24	NO EFFECT	
			25	NO EFFECT	
			26	NO EFFECT	
			27	NO EFFECT	

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

REMARKS	STATUS/ INCORP.DATE	RFV		INCORP. CODE
	NO EFFECT	28	23-1057	
	NO EFFECT	20	23-1077	
	NO EFFECT	04	23-1058	
	NO EFFECT	05		
	NO EFFECT	06		
	NO EFFECT	07		
	NO EFFECT	08		
	NO EFFECT	09		
	NO EFFECT	10		
	NO EFFECT	11		
	NO EFFECT	12		
	AUG 01/01	05	23-1076	S
	NO EFFECT	06		
	NO EFFECT	07		
	NO EFFECT	08		
	NO EFFECT	09		
	NO EFFECT	10		
	NO EFFECT	11		
	NO EFFECT		23-1083	
45975	NO EFFECT		23-1085	
	NO EFFECT		23-1089	
	NO EFFECT	01		
	MAY 01/97		23-1091	С
	NO EFFECT	01	23 1071	· ·
	NO EFFECT	02		
	NO EFFECT	03		
	NO EFFECT	04		
	NO EFFECT	05		
	NO EFFECT	06		
	NO EFFECT	07		
	NO EFFECT	08		
	NO EFFECT	09		
	NO EFFECT	10		
	NO EFFECT	11		
	NO EFFECT	12		
	NO EFFECT	13		
	NO EFFECT	14		

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

	INCORP. CODE	SB NUMBER		STATUS/ INCORP.DATE	REMARKS
		23-1094		NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
		23-1098		NO EFFECT	
			01	NO EFFECT	
		23-1100		NO EFFECT	
		23-1102		NO EFFECT	
		23-1103		NO EFFECT	
			01	NO EFFECT	
		23-1105	01	NO EFFECT	045975
			02	NO EFFECT	
			03	NO EFFECT	
		23-1106	01	NO EFFECT	
			02	NO EFFECT	
		23-1109	01	NO EFFECT	
		23-1110		NO EFFECT	513199
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
	С	23-1111		AUG 01/02	513157
			01		
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
			08 09	NO EFFECT	
			10	NO EFFECT NO EFFECT	
			11	NO EFFECT	
			12	NO EFFECT	
			1.	NO EITEOT	

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

	INCORP.	SB		STATUS/	REMARKS
l 		NUMBER	REV	INCORP.DATE	
		23-1111	13	NO EFFECT	
		23 1111	14	NO EFFECT	
			15	NO EFFECT	
			16	NO EFFECT	
			17	NO EFFECT	
			18	NO EFFECT	
			19	NO EFFECT	
			17	NO ETTEOT	
		23-1112		NO EFFECT	
		23-1113	01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
			80	NO EFFECT	
		23-1119	02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
			08	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
			11	NO EFFECT	
			12	NO EFFECT	
			13	NO EFFECT	
			14	NO EFFECT	
			15	NO EFFECT	
			16	NO EFFECT	
			17	NO EFFECT	
			18	NO EFFECT	
			19	NO EFFECT	
			20	NO EFFECT	
			21	NO EFFECT	
			22	NO EFFECT	
			23	NO EFFECT	
			24	NO EFFECT	
			25	NO EFFECT	

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

 				STATUS/ INCORP.DATE	REMARKS	
						·
		23-1119	26	NO EFFECT		
			27	NO EFFECT		
			28	NO EFFECT		
			29	NO EFFECT		
			30	NO EFFECT		
			31	NO EFFECT		
			32	NO EFFECT		
			33	NO EFFECT		
			34	NO EFFECT		
			35	NO EFFECT		
			36	NO EFFECT		
			37 70	NO EFFECT NO EFFECT		
			38 39	NO EFFECT		
			40	NO EFFECT		
			41	NO EFFECT		
			42	NO EFFECT		
			43	NO EFFECT		
R			44	NO EFFECT		
R			45	NO EFFECT		
		23-1120		NO EFFECT	513244	
	S	23-1121	02	FEB 01/01		
	J		03	NO EFFECT		
			04	NO EFFECT		
			05	NO EFFECT		
	S	23-1123	02			
			03	NO EFFECT		
			04	NO EFFECT		
			05	NO EFFECT		
			06	NO EFFECT		
		23-1130	04	NO EFFECT		
			05	NO EFFECT		
			06	NO EFFECT		
			07	NO EFFECT		
			08	NO EFFECT		
			09	NO EFFECT		
			10	NO EFFECT		
			11	NO EFFECT		

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

		SB NUMBER		STATUS/ INCORP.DATE	REMARKS
	S	23-1131		NOV 01/99	
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
			08	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
			11	NO EFFECT	
			12	NO EFFECT	
			13	NO EFFECT	
			14	NO EFFECT	
			15	NO EFFECT	
			16	NO EFFECT	
			17	NO EFFECT	
			18	NO EFFECT	
			19	NO EFFECT	
R			20	NO EFFECT	
R			21	NO EFFECT	
	С	23-1137		MAY 01/00	
			01	NO EFFECT	
			02	NO EFFECT	
		23-1138	04	NO EFFECT	
			05	NO EFFECT	
	S	23-1143	08	FEB 01/02	
	3	23 1143	09	NO EFFECT	
			10	NO EFFECT	
			11	NO EFFECT	
			12	NO EFFECT	
			13	NO EFFECT	
	s	23-1144		FEB 01/02	
		23-1153	02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

23-1153	
117 NA FEFERT	
07 NO EFFECT	
23-1154 NO EFFECT 513602	
01 NO EFFECT	
O2 NO EFFECT	
03 NO EFFECT	
23-1157	
04 NO EFFECT	
05 NO EFFECT	
06 NO EFFECT	
07 NO EFFECT	
08 NO EFFECT	
09 NO EFFECT	
10 NO EFFECT	
11 NO EFFECT	
12 NO EFFECT	
13 NO EFFECT	
14 NO EFFECT	
15 NO EFFECT	
16 NO EFFECT	
17 NO EFFECT	
18 NO EFFECT	
19 NO EFFECT	
23-1159	
O3 NO EFFECT	
04 NO EFFECT	
05 NO EFFECT	
R 06 NO EFFECT	
C 23-1165 01 MAY 01/01	
02 NO EFFECT	
O3 NO EFFECT	
23-1166 NO EFFECT	
23-1174	
02 NO EFFECT	
03 NO EFFECT	
OS NO EFFECT	
23-1177 NO EFFECT	

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

3LK410L DOLLLIIN LI31						
 	INCORP. CODE	NUMBER	REV	STATUS/ INCORP.DATE	REMARKS	
		23-1177	01	NO EFFECT		
	S	23-1179	03	NOV 01/02		
		23-1181	01	NO EFFECT		
	S	23-1184		MAY 01/04		
			01	NO EFFECT		
			02	NO EFFECT		
		23-1187	04	NO EFFECT		
		23 1101	05	NO EFFECT		
			06	NO EFFECT		
			07	NO EFFECT		
			08	NO EFFECT		
			09	NO EFFECT		
			10	NO EFFECT		
			11	NO EFFECT		
			12	NO EFFECT		
			13	NO EFFECT		
			14	NO EFFECT		
	S	23-1188	04	AUG 01/07		
	_		_			
		23-1192		NO EFFECT		
			01	NO EFFECT		
			02	NO EFFECT		
		23-1194		NO EFFECT		
		_	01	NO EFFECT		
		23-1195	08	NO EFFECT		
		23 1173	09	NO EFFECT		
			10	NO EFFECT		
			11	NO EFFECT		
			12	NO EFFECT		
			13	NO EFFECT		
			14	NO EFFECT		
			15	NO EFFECT		
			16	NO EFFECT		
			17	NO EFFECT		
			18	NO EFFECT		
			19	NO EFFECT		
				= <del></del>		

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

	INCORP.			STATUS/ INCORP.DATE	REMARKS
		23-1195	20	NO EFFECT	
R			21	NO EFFECT	
		23-1200	0.4	NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
			80	NO EFFECT	
		23-1202		NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
R			07	NO EFFECT	
		23-1205	03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
			80	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
			11	NO EFFECT	
			12	NO EFFECT	
			13	NO EFFECT	
			14	NO EFFECT	
			15	NO EFFECT	
			16	NO EFFECT	
			17	NO EFFECT	
			18	NO EFFECT	
			19	NO EFFECT	
			20	NO EFFECT	
			21	NO EFFECT	
R			22	NO EFFECT	

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

		NUMBER	REV	STATUS/ INCORP.DATE	REMARKS
	S	23-1208		AUG 01/03	
			01		
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
			08	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
			11	NO EFFECT	
			12	NO EFFECT	
			13	NO EFFECT	
		23-1230	01	NO EFFECT	
		23-1248		NO EFFECT	
		23-1254		NO EFFECT	
			01	NO EFFECT	
		23-1258		NO EFFECT	
			01	NO EFFECT	
	s	23-1259		FEB 01/05	
			01	NO EFFECT	
			02	NO EFFECT	
		23-1261		NO EFFECT	
	s	23-1277		NOV 01/05	
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
F	₹		07 08	NO EFFECT No effect	
		23-1284		NO EFFECT	

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

	INCORP. CODE	SB NUMBER	REV	STATUS/ INCORP.DATE	REMARKS
		23-1299		NO EFFECT	
		23-1310		NO EFFECT	
R		23-1333	02	NO EFFECT	
	С	24-1077		MAY 01/97	
		24-1079	02	NO EFFECT	
		24-1081		NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
		24-1082	01	NO EFFECT	
		24-1086		NO EFFECT	
		24-1087		NO EFFECT	
		24-1089		NO EFFECT	217378
		24-1090		NO EFFECT	
	S	24-1091	01	AUG 01/03	
		24-1092		NO EFFECT	217187
			01	NO EFFECT	<b>.</b>
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
		24-1093		NO EFFECT	
		24-1094		NO EFFECT	
		24-1097	03	NO EFFECT	
		2. 7071	04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
			08	NO EFFECT	
			30		

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

	INCORP. CODE	SB NUMBER		STATUS/ INCORP.DATE	REMARKS
· 					
		24-1097	09	NO EFFECT	
			10	NO EFFECT	
			11	NO EFFECT	
			12	NO EFFECT	
_			13	NO EFFECT	
R			14	NO EFFECT	
		24-1099		NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
R	S	24-1100	04	MAY 01/06	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
R			80	NO EFFECT	
		24-1106		NO EFFECT	
			01	NO EFFECT	
	S	24-1108	02	AUG 01/05	
		24-1120		NO EFFECT	
R			01	NO EFFECT	
		24A1119		NO EFFECT	
	С	25-1055	15	NOV 01/06	
			16	NO EFFECT	
			17	NO EFFECT	
			18	NO EFFECT	
			19	NO EFFECT	
			20	NO EFFECT	
		25-1114	01	NO EFFECT	
		25-1144		NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
		25-1146	02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

 	INCORP. CODE	SB Number		STATUS/ INCORP.DATE	REMARKS
		25-1146	05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
			08	NO EFFECT	
		25-1150		NO EFFECT	
		25-1155		NO EFFECT	511410
			01	NO EFFECT	
		25-1156	03	NO EFFECT	
		25-1157		NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
		25-1161		NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
		25-1165		NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
		25-1166		NO EFFECT	
			01	NO EFFECT	
		25-1167	01	NO EFFECT	
		25-1168		NO EFFECT	
		25-1170		NO EFFECT	217557
		25-1171	01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
		25-1174		NO EFFECT	
			01	NO EFFECT	
		25-1181	05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

	SB Number rev			REMARKS	
	25-1181		NO EFFECT		
		09	NO EFFECT		
		10	NO EFFECT		
		11	NO EFFECT		
		12	NO EFFECT		
		13	NO EFFECT		
		14	NO EFFECT		
		15	NO EFFECT		
		16	NO EFFECT		
		17	NO EFFECT		
		18	NO EFFECT		
		19	NO EFFECT		
		20	NO EFFECT		
		21	NO EFFECT		
В		22 23	NO EFFECT		
R		23	NO EFFECT		
	25-1184		NO EFFECT		
		01	NO EFFECT		
	25-1186		NO EFFECT	511633	
		01	NO EFFECT		
		02	NO EFFECT		
	25-1192	02	NO EFFECT		
		03	NO EFFECT		
		04	NO EFFECT		
		05	NO EFFECT		
		06	NO EFFECT		
	25-1199		NO EFFECT		
		01	NO EFFECT		
	25-1200		NO EFFECT		
		01	NO EFFECT		
		02	NO EFFECT		
		03	NO EFFECT		
	25-1204		NO EFFECT		
	25-1206	03	NO EFFECT		
		04	NO EFFECT		
		05	NO EFFECT		

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

			STATUS/ INCORP.DATE	REMARKS
	25-1206	06	NO EFFECT	
	25 1200	07	NO EFFECT	
		08	NO EFFECT	
		09	NO EFFECT	
		10	NO EFFECT	
		11	NO EFFECT	
		12	NO EFFECT	
		13	NO EFFECT	
	25-1208		NO EFFECT	
		01	NO EFFECT	
	25-1214	01	NO EFFECT	511797
		02	NO EFFECT	
		03	NO EFFECT	
		04	NO EFFECT	
	25-1215		NO EFFECT	511845
		01	NO EFFECT	
		02	NO EFFECT	
	25-1217		NO EFFECT	
	25-1220		NO EFFECT	511670
		01	NO EFFECT	
	25-1224		NO EFFECT	511799
		01	NO EFFECT	
		02	NO EFFECT	
		03	NO EFFECT	
	25-1225		NO EFFECT	515019
		01	NO EFFECT	
	25-1226		NO EFFECT	515021
		01	NO EFFECT	
		02	NO EFFECT	
		03	NO EFFECT	
		04	NO EFFECT	
	25-1232		NO EFFECT	
	25-1234	05	NO EFFECT	

### TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

 	INCORP. CODE		REV	STATUS/ Incorp.date	REMARKS	
		25-1234	06	NO EFFECT		
				NO EFFECT No effect		
			00			
		25-1236		NO EFFECT		
		25-1240	_	NO EFFECT	515219	
			01	NO EFFECT		
		25-1242		NO EFFECT	E0 515116	
		25-1248		NO EFFECT		
			01	NO EFFECT		
	S	25-1251		MAY 01/02		
			• •	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		
	S	25-1252		MAY 01/02		
			01	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		
	S	25-1259	01	MAY 01/06		
		25-1264	01	NO EFFECT		
			02	NO EFFECT		
		25-1265		NO EFFECT		
			01	NO EFFECT		
		25-1268		NO EFFECT		
			01	NO EFFECT		
		25-1269		NO EFFECT		
		25-1271		NO EFFECT		
		25-1282		REJECTED		
		25-1285	01	NO EFFECT No effect		

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP. CODE			STATUS/ INCORP.DATE	REMARKS	   
		25 4205	02	NO EFFECT		
		25-1285	UZ	NO EFFECT		
	С	25-1287		AUG 01/03		
				NO EFFECT		
			04	NO EFFECT		
			05	NO EFFECT		
		25-1289		NO EFFECT		
			01	NO EFFECT		
		25-1292		NO EFFECT		
		23-1292	01	NO EFFECT		
			UI	NU EFFECT		
		25-1294		NO EFFECT		
			01	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		
	С	25-1305		AUG 01/03		
	-		01	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		
			04	NO EFFECT		
			05	NO EFFECT		
			06	NO EFFECT		
		25-1307		NO EFFECT		
		25-1312		NO EFFECT		
		25 1512	01	NO EFFECT		
			01	NO LITECT		
		25-1314	01	NO EFFECT		
			02	NO EFFECT		
		25-1316		NO EFFECT		
	С	25-1321		FEB 01/04		
	-	_	01	NO EFFECT		
			02	NO EFFECT		
	С	25-1322		REJECTED		
		25-1324		NO EFFECT		

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP. CODE			STATUS/ INCORP.DATE	REMARKS
		25-1324	01	NO EFFECT	
		25-1326	01	NO EFFECT No effect	
		25-1330		NO EFFECT	
	С	25-1335	01	NOV 01/06 NO EFFECT	
			02	NO EFFECT	
			_	NO EFFECT	
			04	NO EFFECT	
		25 4770		NO EFFECT	
		25-1338	0.4	NO EFFECT	
			01	NO EFFECT	
		25-1346		NO EFFECT	
			01	NO EFFECT	
		25-1359		NO EFFECT	
		25-1365		NO EFFECT	
	С	25-1366	01	NOV 01/04	
		25-1369		NO EFFECT	
		25-1370		NO EFFECT	
		25-1383	01	NO EFFECT NO EFFECT	
		25-1386		NO EFFECT	
		25-1387		NO EFFECT	
R		25-1393	02	NO EFFECT	
		25-1394	01	NO EFFECT	
		25-1396	01	NO EFFECT NO EFFECT	

## TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

INCORP.   CODE	SB NUMBER		STATUS/ INCORP.DATE	REMARKS
С	25-1405	02	AUG 01/05	
	25-1416		NO EFFECT	
	25-1422		NO EFFECT	
С	25-1427	01	AUG 01/05 NO EFFECT	
С	25-1428	01	AUG 01/05 NO EFFECT	
	25-1430		NO EFFECT	
	25-1431		NO EFFECT	
S	25-1444	01 02	NOV 01/06 NO EFFECT NO EFFECT	
	25-1455		NO EFFECT	
	25-1480		NO EFFECT	
С	25-1495	01	AUG 01/07 NO EFFECT	
	25-1496	01 02 03 04 05	NO EFFECT NO EFFECT NO EFFECT NO EFFECT NO EFFECT	
	25-1499		NO EFFECT	
	25-1500	01	NO EFFECT No effect	
	25-1501	01	NO EFFECT NO EFFECT	
	25-1519		NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP. CODE	SB Number		STATUS/ INCORP.DATE	REMARKS
		25-1519	01	NO EFFECT	
		25-1524		NO EFFECT	
			01	NO EFFECT	
		25-1535		NO EFFECT	
R	S	25-1550		MAY 01/08	
			01	NO EFFECT	
R		25-1557	01	NO EFFECT	
		25-1566		NO EFFECT	
		25A1299		NO EFFECT	
		25A1555		NO EFFECT	
R			01	NO EFFECT	
	С	26-1024	12	MAY 01/04	
			13	NO EFFECT	
			14	NO EFFECT	
			15	NO EFFECT	
			16	NO EFFECT	
		26-1034	01	NO EFFECT	510059
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
			08	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
			11 12	NO EFFECT	
			13	NO EFFECT NO EFFECT	
			14	NO EFFECT	
			15	NO EFFECT	
			16	NO EFFECT	
			17	NO EFFECT	
			18	NO EFFECT	
			.0		

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP.	SB NUMBER	REV	STATUS/ INCORP.DATE	REMARKS
		26-1034	19 20	NO EFFECT NO EFFECT	
			21	NO EFFECT	
			22 23	NO EFFECT NO EFFECT	
			24	NO EFFECT	
			25	NO EFFECT	
	С	26-1036	01		
		26-1039		NO EFFECT	
		26-1042		NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
		26-1045	01	NO EFFECT	
			02	NO EFFECT	
		26-1047		NO EFFECT	510298
		26-1050		NO EFFECT	
		26-1052		NO EFFECT	
			01	NO EFFECT	
		26-1056		REJECTED	
		26-1060		NO EFFECT	
		26-1061		NO EFFECT	
		26A1068		NO EFFECT	
			01	NO EFFECT	
		27-1072	01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
		27-1074		NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

INCORP.	SB NUMBER		STATUS/ INCORP.DATE	REMARKS	
	27-1075	02	NO EFFECT		
	21-1013	UZ	NO EFFECT		
С	27-1082	0.4	AUG 01/00		
		01 02	NO EFFECT No effect		
		OL.	NO ETTEOT		
C	27-1084		FEB 01/96		
		01	NO EFFECT		
		02	NO EFFECT		
		03	NO EFFECT		
	27-1086	03	NO EFFECT		
		04	NO EFFECT		
	27-1087	03	NO EFFECT		
	27-1089	03	NO EFFECT		
	27-1091		NO EFFECT		
	27-1092		NO EFFECT		
	27-1094		NO EFFECT		
	27-1095		NO EFFECT		
		01	NO EFFECT		
	27-1096	01	NO EFFECT		
	27-1097		NO EFFECT	217073	
	_	01	NO EFFECT		
		02	NO EFFECT		
		03	NO EFFECT		
	27-1101		NO EFFECT		
	_	01	NO EFFECT		
		02	NO EFFECT		
	27-1103		NO EFFECT		
		01	NO EFFECT		
	27-1105		NO EFFECT		
		01	NO EFFECT		

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP. CODE	SB NUMBER		STATUS/ INCORP.DATE	REMARKS	
· 						<u>·</u>
		27-1105	02	NO EFFECT		
			03	NO EFFECT		
			04	NO EFFECT		
		27-1106	01	NO EFFECT		
		27-1107		NO EFFECT	217163	
		27-1108		NO EFFECT	217073	
			01	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		
			04	NO EFFECT		
		27-1109	01	NO EFFECT		
		27-1111	01	NO EFFECT		
		27-1113		NO EFFECT		
			01	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		
			04	NO EFFECT		
			05	NO EFFECT		
			06	NO EFFECT		
			07	NO EFFECT		
			08	NO EFFECT		
			09	NO EFFECT		
			10	NO EFFECT		
			11	NO EFFECT		
			12	NO EFFECT		
		27-1114	01	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		
			04	NO EFFECT		
			05	NO EFFECT		
	С	27-1115		AUG 01/98	217218	
	C	21 1112	01	NO EFFECT	211210	
			UI	NO LITECT		
		27-1116	01	NO EFFECT		

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

 	INCORP.	SB		STATUS/	 Remarks	 ا
İ	CODE	NUMBER	REV	INCORP.DATE		i
		27-1117	01	NO EFFECT	217442	
			02	NO EFFECT		
			03	NO EFFECT		
			04	NO EFFECT		
		27-1118		NO EFFECT		
		27-1119	05	NO EFFECT	217376	
			06	NO EFFECT		
			07	NO EFFECT		
			80	NO EFFECT		
	С	27-1121		FEB 01/05	217365	
			01	NO EFFECT		
		27-1122	01	NO EFFECT	217446	
		27-1123		NO EFFECT	217263	
			01	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		
		27-1124	01	NO EFFECT		
		27-1126		NO EFFECT		
			01	NO EFFECT		
			02	NO EFFECT		
		27-1127		NO EFFECT		
			01	NO EFFECT		
			02	NO EFFECT		
		27-1129		NO EFFECT		
		27-1130		NO EFFECT	217504	
			01	NO EFFECT		
			02	NO EFFECT		
		27-1131	01	NO EFFECT		
			02	NO EFFECT		
		27-1132		NO EFFECT		
		21-1132	01	NO EFFECT		
			J 1	NO LIILUI		

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP. CODE			STATUS/ INCORP.DATE	REMARKS
		27-1133	01	NO EFFECT	
		27-1134	01	NO EFFECT No effect	
		27-1135	01	NO EFFECT	
			02	NO EFFECT	
		27-1137		NO EFFECT	
		27-1138		NO EFFECT	
		27-1139	01	NO EFFECT NO EFFECT	
		27-1140	01	NO EFFECT No effect	
			02	NO EFFECT	
		27-1141	01	NO EFFECT NO EFFECT	
		27-1142		NO EFFECT	
		27-1145	01	NO EFFECT NO EFFECT	
		27-1147	01	NO EFFECT	
		27-1149	01 02	NO EFFECT NO EFFECT	
		27-1151	01	NO EFFECT No effect	
		27-1152	01	NO EFFECT NO EFFECT	
			02	NO EFFECT	
		27-1153		NO EFFECT	
		27-1154		NO EFFECT	

## TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

	DE	NUMBER	REV	STATUS/ INCORP.DATE	REMARKS
		27 4450			
		27-1158	0.4	NO EFFECT	
			01	NO EFFECT	
		27-1159		NO EFFECT	
			01	NO EFFECT	
		27-1160		NO EFFECT	
		27-1164		NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
		27-1169		NO EFFECT	
		27-1170		REJECTED	
		27-1173	01	NO EFFECT	
		27-1174		NO EFFECT	
			01	NO EFFECT	
		27-1176		NO EFFECT	
		27A1136	01	NO EFFECT	
		27A1179		NO EFFECT	
,	S	28-1030	03	AUG 01/00	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
R			80	NO EFFECT	
		28-1035	01	NO EFFECT	
			02	NO EFFECT	
		28-1044	09	NO EFFECT	510206
			10	NO EFFECT	
			11	NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP. CODE	SB NUMBER		STATUS/ INCORP.DATE	REMARKS
	С	28-1059	02	NOV 01/96	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
	С	28-1062		AUG 01/95	
	С	28-1064		FEB 01/98	
			01	NO EFFECT	
		28-1067		NO EFFECT	510252
			01	NO EFFECT	
			02	NO EFFECT	
		28-1068		NO EFFECT	
			01	NO EFFECT	
		28-1069		NO EFFECT	
		20 4070		NO 555507	
		28-1070	01	NO EFFECT	
			UI	NO EFFECT	
	C	28-1071		AUG 01/97	
R		28-1074	03	NO EFFECT	
		28-1075		NO EFFECT	510460
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
		28-1077		NO EFFECT	510488
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
		28-1078		NO EFFECT	510481
		20 1010	01	NO EFFECT	J 1070 I
			3.	27. 20.	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP. CODE	SB NUMBER	REV	STATUS/ INCORP.DATE	REMARKS
	•	20 4007		MAY 04/02	
	S	28-1087	0.4	MAY 01/02	
			01	NO EFFECT	
			02	NO EFFECT	
		28-1092		NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
		28-1093		NO EFFECT	
		20 1075	01	NO EFFECT	
			02	NO EFFECT	
			OL.	NO 211201	
		28-1100		NO EFFECT	
	С	28-1102		NOV 01/05	
	Ü	20 1102	01	NO EFFECT	
			02	NO EFFECT	
			02		
		28-1103		NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
		28-1104		NO EFFECT	
		20 1104	01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
R			04	NO EFFECT	
		28-1106	03	NO EFFECT	
		28-1118		NO EFFECT	
			01	NO EFFECT	
		28-1119		NO EFFECT	
			01	NO EFFECT	
		28-1120	01	NO EFFECT	
		20-1120	UI	NO EFFECT	
		28-1122		NO EFFECT	
			01	NO EFFECT	
		28-1123		NO EFFECT	
		20 1123		NO LIFEUI	

## TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

	INCORP. CODE	SB NUMBER		STATUS/ INCORP.DATE	REMARKS
		28-1126		NO EFFECT	
		28-1128	01	NO EFFECT	
		28-1133	01	NO EFFECT	
	R	28-1138	01 02	NO EFFECT NO EFFECT NO EFFECT	
		28-1143		REJECTED	
		28-1149	01	NO EFFECT No effect	
		28-1152	01	NO EFFECT No effect	
		28-1153	01	NO EFFECT No effect	
		28-1159		NO EFFECT	
		28-1901	02	NO EFFECT	
		28A1096	01 02 03 04	NO EFFECT NO EFFECT NO EFFECT NO EFFECT	
		29-1062	01	NO EFFECT NO EFFECT	
		29-1063	01	NO EFFECT	
		29-1064	01 02	NO EFFECT NO EFFECT NO EFFECT	217002
		29-1066	01	NO EFFECT	
		29-1067	01	NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

 	INCORP. CODE		REV	STATUS/ INCORP.DATE	REMARKS	
		29-1068	01	NO EFFECT		
		29-1070		NO EFFECT		
			01	NO EFFECT		
			02	NO EFFECT		
		29-1071		NO EFFECT		
		29-1073		NO EFFECT	217169	
			01	NO EFFECT		
			02	NO EFFECT		
		29-1074	03	NO EFFECT		
		29-1075		NO EFFECT	217106	
		29-1076	01	NO EFFECT	217264	
			02	NO EFFECT		
		29-1078		NO EFFECT		
			01	NO EFFECT		
		29-1079	01	NO EFFECT	217351	
			02	NO EFFECT		
		29-1080	01	NO EFFECT		
		29-1081		NO EFFECT	217323	
		29-1085		NO EFFECT		
		29-1086	01	NO EFFECT		
			02	NO EFFECT		
		29-1087		NO EFFECT		
		29-1088		NO EFFECT	096773, 217393	
			01	NO EFFECT	•	
		29-1089		NO EFFECT		
		29-1090		NO EFFECT	217604	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

INCORP.			STATUS/ INCORP.DATE	REMARKS
	29-1092		NO EFFECT	217394
		01	NO EFFECT	
	29-1093		NO EFFECT	
		01	NO EFFECT	
	29-1094	01	NO EFFECT	
		02 03	NO EFFECT No effect	217480
	29-1097		NO EFFECT	
	29-1098	01	NO EFFECT No effect	
		02	NO EFFECT	
	29-1099		NO EFFECT	
		01	NO EFFECT	
	29-1101	02	NO EFFECT	
	29-1102	02	NO EFFECT	
	29-1107	02	NO EFFECT	
		03	NO EFFECT	
	29-1108		NO EFFECT	
		01	NO EFFECT	
	29-1109		NO EFFECT	
	29-1110	01	NO EFFECT	
	29-1111		NO EFFECT	
		01	NO EFFECT	
R	29-1113		NO EFFECT	
R	29-1115	01	NO EFFECT	
	29-1122		NO EFFECT	
	29-1124		NO EFFECT	

## TROUBLE SHOOTING MANUAL

### SERVICE BULLETIN LIST

	INCORP.	 SB		STATUS/	REMARKS	l
	CODE	NUMBER	REV	INCORP.DATE		
R		29-1126	01	NO EFFECT		
		29-1130		NO EFFECT		
		29-1132		NO EFFECT		
			01	NO EFFECT		
R			02	NO EFFECT		
		29-1133		NO EFFECT		
		20 4475		NO 555507		
_		29-1135	0.4	NO EFFECT		
R			01	NO EFFECT		
		29-1136		NO EFFECT		
R		29-1137	01	NO EFFECT		
		30-1028		NO EFFECT		
		30-1030		NO EFFECT		
	C	30-1032	0.4	MAY 01/99		
			01	NO EFFECT		
	С	30-1033		NOV 01/96	510198	
			01	NO EFFECT		
		30-1035	01	NO EFFECT	510333	
			02	NO EFFECT		
			03	NO EFFECT		
	С	30-1036		AUG 01/98	510318	
	_		01	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		
	C	ZO 1077	0.4	AUC 04/00	E 10 / 07	
	С	30-1037	01 02	AUG 01/99 No effect	510407	
			UL	NO LIFECT		
	s	30-1044	02	FEB 01/04		
			03	NO EFFECT		
	_		_			
	C	31-1043	21	FEB 01/04		

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## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

INCORP.	SB Number		STATUS/ INCORP.DATE	REMARKS
	31-1043	22	NO EFFECT	
		23	NO EFFECT	
		24	NO EFFECT	
	31-1080		NO EFFECT	
		01	NO EFFECT	
		02	NO EFFECT	
	31-1085		NO EFFECT	
	31-1087		NO EFFECT	
		01	NO EFFECT	
		02	NO EFFECT	
	31-1092		NO EFFECT	
	31-1094	01	NO EFFECT	
		02	NO EFFECT	
		03	NO EFFECT	
	31-1096	01	NO EFFECT	513211
С	31-1097	02	AUG 01/99	
		03	NO EFFECT	
	31-1100		NO EFFECT	
		01	NO EFFECT	
		02	NO EFFECT	
		03	NO EFFECT	
		04	NO EFFECT	
		05	NO EFFECT	
		06	NO EFFECT	
		07	NO EFFECT	
	31-1102		NO EFFECT	
		01	NO EFFECT	
		02	NO EFFECT	
		03	NO EFFECT	
		04	NO EFFECT	
		05	NO EFFECT	
		06	NO EFFECT	
		07	NO EFFECT	
		80	NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

INC	ORP.	SB	DEV	STATUS/ Incorp.date	REMARKS
		31-1102		NO EFFECT	
			10	NO EFFECT	
			11	NO EFFECT	
			12	NO EFFECT	
			13	NO EFFECT	
			14	NO EFFECT	
			15	NO EFFECT	
			16	NO EFFECT	
			17	NO EFFECT	
			18	NO EFFECT	
			19	NO EFFECT	
			20	NO EFFECT	
			21	NO EFFECT	
			22	NO EFFECT	
		31-1103		NO EFFECT	248078
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
		31-1105		NO EFFECT	513530
	С	31-1106	01	AUG 01/97	
	·	31 1100	02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			0,5	NO EFFECT	
		31-1107	_	NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
		31-1110	01	NO EFFECT	
			02	NO EFFECT	
		31-1111	01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
	S	31-1113		NOV 01/97	
	•	31 1113	01	NO EFFECT	
			02	NO EFFECT	
			٥Ł	NO LIILUI	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

			STATUS/ INCORP.DATE	REMARKS
 			INCURP.DATE	
	31-1113	03	NO EFFECT	
		04	NO EFFECT	
		05	NO EFFECT	
		06	NO EFFECT	
		07	NO EFFECT	
		08	NO EFFECT	
		09	NO EFFECT	
		10	NO EFFECT	
		11	NO EFFECT	
		12	NO EFFECT	
		13	NO EFFECT	
		14	NO EFFECT	
		15	NO EFFECT	
		16	NO EFFECT	
		17	NO EFFECT	
		18	NO EFFECT	
		19	NO EFFECT	
		20	NO EFFECT	
		21	NO EFFECT	
		22	NO EFFECT	
		23	NO EFFECT	
		24	NO EFFECT	
		25	NO EFFECT	
		26	NO EFFECT	
		27	NO EFFECT	
		28	NO EFFECT	
		29 <b>7</b> 0	NO EFFECT	
		30	NO EFFECT	
	31-1114		NO EFFECT	513464
	31-1115		NO EFFECT	
		01	NO EFFECT	
		02	NO EFFECT	
		03	NO EFFECT	
		04	NO EFFECT	
		05	NO EFFECT	
		06	NO EFFECT	
		07	NO EFFECT	
		80	NO EFFECT	
		09	NO EFFECT	
		10	NO EFFECT	
		11	NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

				STATUS/ INCORP.DATE	REMARKS
		31-1115	12	NO EFFECT	
		31-1116	15	NO EFFECT	513549
			16	NO EFFECT	
			17	NO EFFECT	
			18	NO EFFECT	
			19	NO EFFECT	
			20	NO EFFECT	
			21	NO EFFECT	
			22	NO EFFECT	
			23	NO EFFECT	
			24	NO EFFECT	
			25	NO EFFECT	
			26	NO EFFECT	
			27	NO EFFECT	
			28	NO EFFECT	
			29	NO EFFECT	
			30	NO EFFECT	
			31	NO EFFECT	
			32	NO EFFECT	
			33	NO EFFECT	
			34	NO EFFECT	
			35	NO EFFECT	
			36	NO EFFECT	
			37	NO EFFECT	
			38	NO EFFECT	
			39	NO EFFECT	
			40	NO EFFECT	513549
R			41	NO EFFECT	
R	1		42	NO EFFECT	
		31-1121		NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
			08	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
			11	NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

				STATUS/ INCORP.DATE	REMARKS
		31-1121	12	NO EFFECT	
			13	NO EFFECT	
			14	NO EFFECT	
			15	NO EFFECT	
			16	NO EFFECT	
			17	NO EFFECT	
			18	NO EFFECT	
			19	NO EFFECT	
			20	NO EFFECT	
			21	NO EFFECT	
			22	NO EFFECT	
			23	NO EFFECT	
			24	NO EFFECT	
	С	31-1124	17	MAY 01/05	
			18	NO EFFECT	
			19	NO EFFECT	
			20	NO EFFECT	
			21	NO EFFECT	
R			22	NO EFFECT	
	S	31-1127		NOV 01/06	
		74 4470	0.4	NO EFFECT	
		31-1130	01 02	NO EFFECT No effect	
			02	NO EFFECT	
			03	NO EFFECT	
			05	NO EFFECT	
			0,5	NO EFFECT	
		31-1133	02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
	S	31-1141	01	NOV 01/00	
	_		02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
		31-1142	03	NO EFFECT	
		31-1144		NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

 	INCORP.			STATUS/ Incorp.date	REMARKS	
		31-1144		NO EFFECT		
			02	NO EFFECT		
		31-1146		NO EFFECT		
			01			
			02	NO EFFECT		
	S	31-1149	02	AUG 01/01		
				NO EFFECT		
			04	NO EFFECT		
			05	NO EFFECT		
	S	31-1150	02	MAY 01/02		
			03	NO EFFECT		
			04	NO EFFECT		
			05	NO EFFECT		
			06	NO EFFECT		
			07	NO EFFECT		
			08	NO EFFECT		
_			09	NO EFFECT		
R			10	NO EFFECT		
		31-1152	02	NO EFFECT		
			03	NO EFFECT		
		31-1153		NO EFFECT		
		31-1154	01	NO EFFECT		
		31-1155	01	NO EFFECT		
		31-1157	02	NO EFFECT		
		31-1163	02	NO EFFECT		
		31-1172	01	NO EFFECT		
		31-1175	03	NO EFFECT		
			04	NO EFFECT		
			05	NO EFFECT		
			06	NO EFFECT		
			07	NO EFFECT		
			08	NO EFFECT		

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

!	INCORP.				REMARKS	
 	CODE 	NUMBER 	REV	INCORP.DATE		
		31-1175	09	NO EFFECT		
			10	NO EFFECT		
			11	NO EFFECT		
			12	NO EFFECT		
			13	NO EFFECT		
	С	31-1197		FEB 01/08		
		31-1208	13	NO EFFECT		
			14	NO EFFECT		
			15	NO EFFECT		
			16	NO EFFECT		
			17	NO EFFECT		
			18	NO EFFECT		
R			19	NO EFFECT		
R			20	NO EFFECT		
		31-1227		NO EFFECT		
			01	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		
			04	NO EFFECT		
			05	NO EFFECT		
			06	NO EFFECT		
		31-1228		NO EFFECT		
			01	NO EFFECT		
R			02	NO EFFECT		
	S	31-1257		FEB 01/07		
R			01	NO EFFECT		
	S	31-1264		FEB 01/07		
			01	NO EFFECT		
			02	NO EFFECT		
R			03	NO EFFECT		
	S	31-1265	02			
		31-1266		NO EFFECT		
			01	NO EFFECT		
			02	NO EFFECT		

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

ļ	INCORP.	SB			REMARKS	<u> </u>
	CODE	NUMBER 	REV	INCORP.DATE		ا 
	S	31-1267		MAY 01/07		
	3	31-1201	0.1	NO EFFECT		
				NO EFFECT		
			03	NO EFFECT		
			05	NO EFFECT		
	S	31-1281		NOV 01/07		
R		31-1286		NO EFFECT		
	S	31-1300		FEB 01/08		
R			01	NO EFFECT		
		32-1007	04	NO EFFECT		
		<b>52</b> . <b>55</b> .	05	NO EFFECT		
			06	NO EFFECT		
			07	NO EFFECT		
			08	NO EFFECT		
			09	NO EFFECT		
			10	NO EFFECT		
			11	NO EFFECT		
			12	NO EFFECT		
			13	NO EFFECT		
			14	NO EFFECT		
			15	NO EFFECT		
			16	NO EFFECT		
					2222	
		32-1129	02	NO EFFECT	099961	
			03	NO EFFECT		
	S	32-1145		MAY 01/00		
		70 4457	00			
		32-1153	02	NO EFFECT		
		32-1154		NO EFFECT		
			01	NO EFFECT		
		32-1155		NO EFFECT		
		32-1156	01	NO EFFECT		
			٠.			
		32-1157		NO EFFECT		
		72 44/0	02	NO FFFFAT	247/77	
		32-1160	02	NO EFFECT	217477	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP. CODE		REV	STATUS/ INCORP.DATE	REMARKS
· 					
		32-1160	03	NO EFFECT	
		32-1161		NO EFFECT	217070
			01	NO EFFECT	
			02	NO EFFECT	
	С	32-1162			217071
	-		01	NO EFFECT	•
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
			80	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
			11	NO EFFECT	
			12	NO EFFECT	
			13	NO EFFECT	
			14	NO EFFECT	
			15	NO EFFECT	
			16 17	NO EFFECT	
			18	NO EFFECT No effect	
			19	NO EFFECT	
			20	NO EFFECT	
			21	NO EFFECT	
R			22	NO EFFECT	
•					
	С	32-1164	01	NOV 01/06	217167
			02	NO EFFECT	
			03	NO EFFECT	
		32-1165	02	NO EFFECT	
		32-1166	01	NO EFFECT	099961
			02	NO EFFECT	
		32-1167		NO EFFECT	
		32-1168		NO EFFECT	217477

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

INCORP.   CODE			STATUS/ INCORP.DATE	REMARKS	
	32-1173		NO EFFECT		
	32-1177	01	NO EFFECT		
	32-1181	01	NO EFFECT		
С	32-1182	02 03	NOV 01/99 NO EFFECT	217366	
	32-1183	01	NO EFFECT		
	32-1186	01 02	NO EFFECT NO EFFECT NO EFFECT	217184	
	32-1187	01 02 03	NO EFFECT NO EFFECT NO EFFECT	217211	
	32-1189	01 02	NO EFFECT NO EFFECT NO EFFECT		
	32-1190	01	NO EFFECT NO EFFECT		
	32-1191		NO EFFECT	217344	
	32-1192		NO EFFECT	217234	
	32-1194		NO EFFECT		
	32-1195		NO EFFECT		
	32-1197	01	NO EFFECT		
	32-1198		NO EFFECT	217336	
	32-1199	01 02 03	NO EFFECT NO EFFECT NO EFFECT		

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP. CODE	SB NUMBER		STATUS/ INCORP.DATE	REMARKS
		32-1200	02	NO EFFECT	
	S	32-1201		NOV 01/01	
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
	R		04	NO EFFECT	
	С	32-1202	08	NOV 01/06	
			09	NO EFFECT	
			10	NO EFFECT	
		32-1203		NO EFFECT	217416
			01	NO EFFECT	
			02	NO EFFECT	
		72 4207		NO 555507	
		32-1204	0.4	NO EFFECT	
			01 02	NO EFFECT	
			UZ	NO EFFECT	
		32-1205	02	NO EFFECT	
	S	32-1207	05		
			06	NO EFFECT	
			07	NO EFFECT	
			80	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
			11	NO EFFECT	
			12	NO EFFECT	
			13	NO EFFECT	
		32-1209		NO EFFECT	217464
		32-1210		NO EFFECT	217288
			01	NO EFFECT	
			02	NO EFFECT	
		32-1213		NO EFFECT	E0 217509
			01	NO EFFECT	217509
			02	NO EFFECT	
		72 121/		NO EFFECT	247547
		32-1214		NO EFFECT	217513

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

INCORP.   CODE	SB NUMBER		STATUS/ INCORP.DATE	REMARKS
	32-1215	02	NO EFFECT	
	32-1217		NO EFFECT	
	32-1218	01 02	NO EFFECT NO EFFECT NO EFFECT	
	32-1223	01	NO EFFECT No effect	
	32-1225	02	NO EFFECT	
	32-1229		NO EFFECT	
	32-1231		NO EFFECT	
С	32-1232	01	FEB 01/06 NO EFFECT	
	32-1234		NO EFFECT	
	32-1236	01 02	NO EFFECT NO EFFECT NO EFFECT	
	32-1237		NO EFFECT	
	32-1241		NO EFFECT	
	32-1246		NO EFFECT	
	32-1249	03	NO EFFECT	
	32-1250	01	NO EFFECT NO EFFECT	
	32-1252	01	NO EFFECT NO EFFECT	
	32-1254		NO EFFECT	
	32-1255		NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP.	SB Number		STATUS/ INCORP.DATE	REMARKS
		32-1259		NO EFFECT	
		32-1260		NO EFFECT	
		32-1262	01	NO EFFECT No effect	
	S	32-1263	01	MAY 01/07	
	_		02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
			08	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
		32-1264	01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
			80	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
			11	NO EFFECT	
R	1		12	NO EFFECT	
		32-1265		NO EFFECT	
		32-1266		NO EFFECT	
		32-1268		NO EFFECT	
		32-1277	01	NO EFFECT	
		32-1278		NO EFFECT	
		32-1281	01	NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP.	SB NUMBER	REV	STATUS/ INCORP.DATE	REMARKS
		32-1282	01	NO EFFECT No effect	
		32-1288		NO EFFECT	
		32-1289		NO EFFECT	
		32-1290	0.4	NO EFFECT	
			01	NO EFFECT	
	С	32-1291	01		
		32-1294	02	NO EFFECT	
		32-1296		NO EFFECT	
		32-1298		NO EFFECT	
	S	32-1305		MAY 01/06	
		32-1307		NO EFFECT	
		32-1309	01	NO EFFECT No effect	
		32-1310		NO EFFECT	
		32-1311		REJECTED	
		32-1313		NO EFFECT	
		32-1318	01	NO EFFECT	
R		32-1319		NO EFFECT	
		32-1323		NO EFFECT	
		32-1325		NO EFFECT	
	S	32-1327	01	AUG 01/07 No effect	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP. CODE	SB NUMBER		STATUS/ INCORP.DATE	REMARKS
		32-1334		NO EFFECT	
	s	32-1335		FEB 01/08	
R	S	32-1336	01	FEB 01/08 NO EFFECT	
		32A1211		NO EFFECT	
		32A1224	01	NO EFFECT NO EFFECT	
		32A1226	01	NO EFFECT NO EFFECT	
		32A1233	01	NO EFFECT	
		32A1273	02	NO EFFECT	
		32A1293		NO EFFECT	
		33-1025		NO EFFECT	
		33-1026	01	NO EFFECT	
		33-1027		NO EFFECT	E0 217498 217498
	С	33-1028		MAY 01/02	
		33-1035	01	NO EFFECT NO EFFECT	217558
		33-1037	02 03	NO EFFECT NO EFFECT	
		33-1039	01	NO EFFECT	
	S	33-1044	01	MAY 01/07 NO EFFECT	
		33-1051		NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP.		DEV/	STATUS/ INCORP.DATE	REMARKS	
		33-1056		NO EFFECT		
		33-1057		NO EFFECT		
R			01	NO EFFECT		
	S	34-1063	•	NOV 01/00		
			08	NO EFFECT		
			09	NO EFFECT		
			10	NO EFFECT		
			11	NO EFFECT		
			12	NO EFFECT		
			13	NO EFFECT		
			14	NO EFFECT		
			15	NO EFFECT		
			16	NO EFFECT		
			17	NO EFFECT		
		34-1064	01	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		
			04	NO EFFECT		
			05	NO EFFECT		
			06	NO EFFECT		
			07	NO EFFECT		
			08	NO EFFECT		
			09	NO EFFECT		
		34-1079	03	NO EFFECT		
			04	NO EFFECT		
			05	NO EFFECT		
			06	NO EFFECT		
			07	NO EFFECT		
			08	NO EFFECT		
			09	NO EFFECT		
		34-1081	01	NO EFFECT		
		34-1094	01	NO EFFECT		
	С	34-1095		AUG 01/96		
	· ·	37 1073	01	NO EFFECT		
		34-1097	02	NO EFFECT	045938	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP. CODE	SB Number		STATUS/ INCORP.DATE	REMARKS	
	С	34-1100		FEB 01/96		
				NO EFFECT		
			02	NO EFFECT		
	C	34-1102		FEB 01/96		
	C	34-1105		MAY 01/96		
			01	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		
			04 05	NO EFFECT No effect		
			06	NO EFFECT		
			07	NO EFFECT		
			08	NO EFFECT		
			00			
		34-1107	02	NO EFFECT		
	С	34-1108		FEB 01/98		
			01	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		
			04 05	NO EFFECT		
			06	NO EFFECT No effect		
			07	NO EFFECT		
			08	NO EFFECT		
			09	NO EFFECT		
	С	34-1110		MAY 01/98	513222	
			01	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		
			04	NO EFFECT		
			05	NO EFFECT		
	С	34-1111	01	MAY 01/98	513217	
			02	NO EFFECT		
			03	NO EFFECT		
			04	NO EFFECT		
			05	NO EFFECT		
			06 07	NO EFFECT		
			υr	NO EFFECT		

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	SB			REMARKS	
	NOWREK		INCORP.DATE		
	7/ 4444	0.0	NO 555507		
	34-1111		NO EFFECT		
R			NO EFFECT NO EFFECT		
ĸ		10	NO EFFECT		
С	34-1113	07	FEB 01/01		
		80	NO EFFECT		
		09	NO EFFECT		
		10	NO EFFECT		
		11	NO EFFECT		
		12	NO EFFECT		
	34-1115	13	NO EFFECT	513558	
		14	NO EFFECT		
		15	NO EFFECT		
		16	NO EFFECT		
		17	NO EFFECT		
		18	NO EFFECT		
		19	NO EFFECT		
		20	NO EFFECT		
		21	NO EFFECT		
		22	NO EFFECT		
		23	NO EFFECT		
		24	NO EFFECT		
		25	NO EFFECT		
		26	NO EFFECT		
		27	NO EFFECT		
		28	NO EFFECT		
		29 30	NO EFFECT		
		31	NO EFFECT NO EFFECT		
		32	NO EFFECT		
		33	NO EFFECT		
		34	NO EFFECT		
		<b>3</b> 5	NO EFFECT		
		36	NO EFFECT		
		37	NO EFFECT		
		38	NO EFFECT	513558	
		39	NO EFFECT		
		40	NO EFFECT		
		41	NO EFFECT		
		42	NO EFFECT		
		43	NO EFFECT		

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

 	INCORP. CODE			STATUS/ INCORP.DATE	REMARKS
		34-1115	45	NO EFFECT	
			46	NO EFFECT	
			47	NO EFFECT	
			48	NO EFFECT	
			49	NO EFFECT	
	С	34-1116		FEB 01/98	
			01	NO EFFECT	
	С	34-1121	01	NOV 01/98	513084
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
	C	34-1122			
	С	34-1125	01	NOV 01/01	
		34-1126	09	NO EFFECT	
			10	NO EFFECT	
			11	NO EFFECT	
			12	NO EFFECT	
			13	NO EFFECT	
			14	NO EFFECT	
			15	NO EFFECT	
			16	NO EFFECT	
			17	NO EFFECT	
			18	NO EFFECT	
			19	NO EFFECT	
			20	NO EFFECT	
			21	NO EFFECT	
		34-1127		NO EFFECT	513494
			01	NO EFFECT	
		34-1129	01	NO EFFECT	
		34-1131	01	NO EFFECT	
		34-1132	01	NO EFFECT	513346
			02	NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP.	SB Number		STATUS/ INCORP.DATE	REMARKS
		34-1133		NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
		34-1134	08	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
R			11	NO EFFECT	
	S	34-1136		MAY 01/06	
		34-1139	03	NO EFFECT	
			04	NO EFFECT	
	С	34-1145	04	AUG 01/99	
			05	NO EFFECT	
	С	34-1147	05	AUG 01/01	
			06	NO EFFECT	
			07	NO EFFECT	
			80	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
			11	NO EFFECT	
			12	NO EFFECT	
			13	NO EFFECT	
			14	NO EFFECT	
			15	NO EFFECT	
			16	NO EFFECT	
			17	NO EFFECT	
			18	NO EFFECT	
			19	NO EFFECT	
_			20	NO EFFECT	
R			21	NO EFFECT	
		34-1159	06	NO EFFECT	513502
			07	NO EFFECT	
			08	NO EFFECT	
			09	NO EFFECT	
		34-1163		NO EFFECT	
			01	NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP.	SB NUMBER		STATUS/ INCORP.DATE	REMARKS
		34-1163		NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
		34-1170	04	NO EFFECT	513494
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
			08	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
			11	NO EFFECT	
			12	NO EFFECT	
			13	NO EFFECT	
			14	NO EFFECT	
			15	NO EFFECT	
			16	NO EFFECT	
			17	NO EFFECT	
		34-1172		NO EFFECT	
			01	NO EFFECT	
		34-1173	03	NO EFFECT	
	С	34-1176	05	NOV 01/04	
	-				
		34-1177	02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
			80	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
			11	NO EFFECT	
			12	NO EFFECT	
			13	NO EFFECT	
			14 15	NO EFFECT No effect	
			16	NO EFFECT	
			10	NU EFFECT	
		34-1178	03	NO EFFECT	513429

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

INCORP. CODE			STATUS/ INCORP.DATE	REMARKS
	34-1178	04	NO EFFECT	
		05	NO EFFECT	
		06	NO EFFECT	
С	34-1184		AUG 01/01	
		01	NO EFFECT	
		02	NO EFFECT	
		03	NO EFFECT	
		04	NO EFFECT	
		05	NO EFFECT	
		06	NO EFFECT	
С	34-1186		NOV 01/99	
· ·	34 1100	01	NO EFFECT	
		02	NO EFFECT	
		03	NO EFFECT	
		04	NO EFFECT	
		05	NO EFFECT	
	34-1188	03	NO EFFECT	513509
	34 1100	04	NO EFFECT	3 13307
		05	NO EFFECT	
		06	NO EFFECT	
		07	NO EFFECT	
		08	NO EFFECT	
		09	NO EFFECT	
		10	NO EFFECT	
		11	NO EFFECT	
		12	NO EFFECT	
		13	NO EFFECT	
		14	NO EFFECT	
		15	NO EFFECT	
		16	NO EFFECT	
		17	NO EFFECT	
		18	NO EFFECT	
		19	NO EFFECT	
		20	NO EFFECT	
		21	NO EFFECT	
		22	NO EFFECT	
		23	NO EFFECT	
		24	NO EFFECT	
		25	NO EFFECT	
		26	NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP.	SB	551	STATUS/	REMARKS	
 	CODE	NUMBER 	REV	INCORP.DATE		
		7/ 4400	27	NO 555505		
		34-1188	2 <i>1</i> 28	NO EFFECT No effect	513509	
			29	NO EFFECT	J 13309	
			L	NO ETTEOT		
	С	34-1189	02	MAY 01/00	513508	
			03	NO EFFECT		
			04	NO EFFECT		
			05	NO EFFECT		
			06	NO EFFECT		
			07	NO EFFECT		
			80	NO EFFECT		
			09	NO EFFECT		
			10	NO EFFECT		
			11	NO EFFECT		
			12	NO EFFECT		
			13	NO EFFECT		
			14	NO EFFECT		
			15	NO EFFECT		
			16	NO EFFECT		
			17	NO EFFECT		
			18	NO EFFECT		
			19	NO EFFECT		
			20	NO EFFECT		
			21	NO EFFECT		
			22	NO EFFECT		
			23	NO EFFECT		
			24	NO EFFECT		
			25	NO EFFECT		
			26 27	NO EFFECT No effect	517509	
			27 28	NO EFFECT	513508	
			20 29	NO EFFECT		
			30	NO EFFECT		
			30	NO LITECT		
		34-1190	03	NO EFFECT	513510	
			04	NO EFFECT		
			05	NO EFFECT		
			06	NO EFFECT		
			07	NO EFFECT		
			80	NO EFFECT		
			09	NO EFFECT		
			10	NO EFFECT		
			11	NO EFFECT		

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

INCORP.	SB		STATUS/	REMARKS
 CODE	NUMBER	REV 	INCORP.DATE	
	34-1190	12	NO EFFECT	
	34 1170	13	NO EFFECT	
		14	NO EFFECT	
		15	NO EFFECT	
		16	NO EFFECT	
		17	NO EFFECT	
		18	NO EFFECT	
		19	NO EFFECT	
		20	NO EFFECT	
		21	NO EFFECT	
		22	NO EFFECT	
		23	NO EFFECT	
		24	NO EFFECT	
		25	NO EFFECT	
		26	NO EFFECT	
		27	NO EFFECT	
		28	NO EFFECT	513510
		29	NO EFFECT	
		30	NO EFFECT	
		31	NO EFFECT	
		32	NO EFFECT	
	34-1193	02	NO EFFECT	513474, 513526
		03	NO EFFECT	513526
		04	NO EFFECT	
		05	NO EFFECT	
		06	NO EFFECT	
		07	NO EFFECT	
		80	NO EFFECT	
		09	NO EFFECT	
		10	NO EFFECT	
		11	NO EFFECT	
		12	NO EFFECT	
		13	NO EFFECT	
		14	NO EFFECT	
		15	NO EFFECT	
		16	NO EFFECT	
		17	NO EFFECT	
		18	NO EFFECT	
		19	NO EFFECT	
		20	NO EFFECT	
		21	NO EFFECT	
		22	NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

INCORP.	SB Number		STATUS/ INCORP.DATE	REMARKS
	34-1193	23	NO EFFECT	
		24	NO EFFECT	
		25	NO EFFECT	
		26	NO EFFECT	
		27	NO EFFECT	513474, 513526
		28	NO EFFECT	513526
		29	NO EFFECT	
		<b>3</b> 0	NO EFFECT	
		31	NO EFFECT	
		32	NO EFFECT	
		33	NO EFFECT	
		34 75	NO EFFECT	
		35 74	NO EFFECT	
		36	NO EFFECT	
	34-1197	01	NO EFFECT	513475
		02	NO EFFECT	
		03	NO EFFECT	
		04	NO EFFECT	
		05	NO EFFECT	
		06	NO EFFECT	
		07	NO EFFECT	
		80	NO EFFECT	
		09	NO EFFECT	
		10 11	NO EFFECT NO EFFECT	
		12	NO EFFECT	
		13	NO EFFECT	
		13	NO EFFECT	
	34-1201		NO EFFECT	513506
		01	NO EFFECT	
		02	NO EFFECT	
		03	NO EFFECT	
С	34-1202		MAY 01/00	513505
		01	NO EFFECT	
		02	NO EFFECT	
		03	NO EFFECT	
	34-1203		NO EFFECT	513507
		01	NO EFFECT	
		02	NO EFFECT	
		03	NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

 	INCORP. CODE	SB Number	REV	STATUS/ INCORP.DATE	REMARKS
		34-1204		NO EFFECT	513476
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
			08	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
			11	NO EFFECT	
			12	NO EFFECT	
		34-1205		NO EFFECT	513477
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
			80	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
			11	NO EFFECT	
		34-1206		NO EFFECT	513546
			01	NO EFFECT	513548
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
			80	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
			11	NO EFFECT	
			12	NO EFFECT	
			13	NO EFFECT	
			14	NO EFFECT	
			15	NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

INCORP. CODE	SB Number		STATUS/ INCORP.DATE	REMARKS
R	34-1206	16	NO EFFECT	
С	34-1209		MAY 01/00	513501
C	34-1207	01	NO EFFECT	7 1370 1
		02	NO EFFECT	
		03	NO EFFECT	
		04	NO EFFECT	
		05	NO EFFECT	
	34-1216	02	NO EFFECT	
	34 1210	03	NO EFFECT	
		03	NO 211201	
	34-1220	02	NO EFFECT	
		03	NO EFFECT	
S	34-1222		FEB 01/03	
		01	NO EFFECT	
		02	NO EFFECT	
		03	NO EFFECT	
S	34-1240		AUG 01/02	
		01	NO EFFECT	
		02	NO EFFECT	
		03	NO EFFECT	
	34-1243		NO EFFECT	
		01	NO EFFECT	
		02	NO EFFECT	
	34-1245	02	NO EFFECT	
		03	NO EFFECT	
	34-1246		NO EFFECT	
		01	NO EFFECT	
		02	NO EFFECT	
		03	NO EFFECT	
	34-1247		NO EFFECT	
		01	NO EFFECT	
		02	NO EFFECT	
		03	NO EFFECT	
	34-1249		NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

		SB			REMARKS	
 	CODE	NUMBER	REV	INCORP.DATE		
		7/ 42/0	0.4	NO FEFFOR		
		34-1249		NO EFFECT No effect		
			U.	NO LITECT		
		34-1252		REJECTED		
	S	34-1259	05	AUG 01/04		
	3	34-1237	06	NO EFFECT		
			07	NO EFFECT		
			08	NO EFFECT		
			09	NO EFFECT		
			10	NO EFFECT		
			11	NO EFFECT		
			12	NO EFFECT		
			13	NO EFFECT		
			14	NO EFFECT		
			15	NO EFFECT		
			16	NO EFFECT		
			17	NO EFFECT		
			18	NO EFFECT		
			19	NO EFFECT		
			20	NO EFFECT		
			21	NO EFFECT		
			22	NO EFFECT		
			23	NO EFFECT		
			24	NO EFFECT		
			25	NO EFFECT		
			26	NO EFFECT		
			27	NO EFFECT		
			28	NO EFFECT		
			29	NO EFFECT		
F	₹		30	NO EFFECT		
		34-1260	03	NO EFFECT		
		34 1200	04	NO EFFECT		
			05	NO EFFECT		
			06	NO EFFECT		
			07	NO EFFECT		
			08	NO EFFECT		
			09	NO EFFECT		
			10	NO EFFECT		
			11	NO EFFECT		
			12	NO EFFECT		
			13	NO EFFECT		

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

				STATUS/ INCORP.DATE	REMARKS
					'
	С	34-1261		MAY 01/03	
	•		01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
			80	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
			11	NO EFFECT	
			12	NO EFFECT	
		7/ 40/7			
		34-1263	0.4	NO EFFECT	
			01	NO EFFECT	
		34-1264		NO EFFECT	
			01	NO EFFECT	
	•	7/ 42/5	0.4	MAY 04/05	
	С	34-1265	04 05	MAY 01/05	
			05	NO EFFECT	
			06 07	NO EFFECT NO EFFECT	
			08	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
			11	NO EFFECT	
			12	NO EFFECT	
			13	NO EFFECT	
			14	NO EFFECT	
			15	NO EFFECT	
			16	NO EFFECT	
			17	NO EFFECT	
			18	NO EFFECT	
			19	NO EFFECT	
			20	NO EFFECT	
			21	NO EFFECT	
			22	NO EFFECT	
			23	NO EFFECT	
			24	NO EFFECT	
			25	NO EFFECT	
			26	NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

 			STATUS/ INCORP.DATE	REMARKS
·	 			
	34-1265	27	NO EFFECT	
		28	NO EFFECT	
		29	NO EFFECT	
		30	NO EFFECT	
		31	NO EFFECT	
R		32	NO EFFECT	
R		33	NO EFFECT	
R		34	NO EFFECT	
	34-1271	0.7	NO FFFF	
	34-1271	07 08	NO EFFECT	
		08	NO EFFECT	
		09	NO EFFECT	
		10	NO EFFECT	
		11 12	NO EFFECT No effect	
		13	NO EFFECT	
		14	NO EFFECT	
		15	NO EFFECT	
		16	NO EFFECT	
		17	NO EFFECT	
		18	NO EFFECT	
		19	NO EFFECT	
		20	NO EFFECT	
		21	NO EFFECT	
		22	NO EFFECT	
		23	NO EFFECT	
		24	NO EFFECT	
		25	NO EFFECT	
		26	NO EFFECT	
		27	NO EFFECT	
		28	NO EFFECT	
		29	NO EFFECT	
		30	NO EFFECT	
		31	NO EFFECT	
		32	NO EFFECT	
		33	NO EFFECT	
		34	NO EFFECT	
		35	NO EFFECT	
		36	NO EFFECT	
		37	NO EFFECT	
		38	NO EFFECT	
		39	NO EFFECT	
R		40	NO EFFECT	
		-	-	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	3ERVICE BOLLETIN E131							
	INCORP. CODE	SB Number	REV	STATUS/ INCORP.DATE	REMARKS			
R		34-1271	41	NO EFFECT				
R			42	NO EFFECT				
		34-1276		NO EFFECT				
	S	34-1278		AUG 01/04				
			02	NO EFFECT				
R			03	NO EFFECT				
		34-1289		NO EFFECT				
			01	NO EFFECT				
			02	NO EFFECT				
		34-1300		NO EFFECT				
			01	NO EFFECT				
			02	NO EFFECT				
			03	NO EFFECT				
			04	NO EFFECT				
			05	NO EFFECT				
			06	NO EFFECT				
			07	NO EFFECT				
			80	NO EFFECT				
			09	NO EFFECT				
			10	NO EFFECT				
			11	NO EFFECT				
			12	NO EFFECT				
			13	NO EFFECT				
			14	NO EFFECT				
			15	NO EFFECT				
			16	NO EFFECT				
			17	NO EFFECT				
			18	NO EFFECT				
			19	NO EFFECT				
			20	NO EFFECT				
			21	NO EFFECT				
			22	NO EFFECT				
			23 24	NO EFFECT No effect				
			24 25	NO EFFECT				
			26	NO EFFECT				
			20 27	NO EFFECT				
R			28	NO EFFECT				
R			29	NO EFFECT				
ĸ			_/	NO LITEUI				

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

3LRVIOL DOLLLIIN LI31								
	INCORP. CODE	SB Number		STATUS/ INCORP.DATE	REMARKS			
		34-1310	01	NO EFFECT				
	С	34-1312	05	NOV 01/07				
			06	NO EFFECT				
	S	34-1330	01 02	NO EFFECT				
			UZ	NO EFFECT				
		34-1335	01	NO EFFECT No effect				
		_, ,,	0.					
		34-1336	01	NO EFFECT No effect				
		34-1345	01	NO EFFECT				
			01					
R		34-1350	01	NO EFFECT No effect				
R	S	34-1351	01	MAY 01/08				
K	J		01					
		34-1352		NO EFFECT				
		34-1354	01	NO EFFECT				
R			02	NO EFFECT No effect				
		34-1367		NO EFFECT				
		34-1369	01	NO EFFECT NO EFFECT				
R		34-1373		NO EFFECT				
			07					
		34-1377	03 04	NO EFFECT No effect				
			05	NO EFFECT				
			06	NO EFFECT				
			07	NO EFFECT				
			08	NO EFFECT				
			09	NO EFFECT				
R			10	NO EFFECT				
R			11	NO EFFECT				

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP.	SB NUMBER		STATUS/ INCORP.DATE	REMARKS
R		34-1377	12	NO EFFECT	
		34-1379	01	NO EFFECT	
R			02	NO EFFECT	
		34-1382		NO EFFECT	
	S	34-1391		NOV 01/07	
		35-1016		NO EFFECT	
		35-1020		NO EFFECT	
		35-1022	01	NO EFFECT	
			02	NO EFFECT	
		35-1023		NO EFFECT	
		35-1033		NO EFFECT	
	С	36-1032		AUG 01/95	
		36-1033		NO EFFECT	
		36-1037	_	NO EFFECT	510232
			01 02	NO EFFECT NO EFFECT	
		36-1038		NO EFFECT	
			0.1		
		36-1039		NO EFFECT	
		36-1041	03	NO EFFECT	
			04 05	NO EFFECT NO EFFECT	
			06	NO EFFECT	
		36-1043		NO EFFECT	
		50 1045	01	NO EFFECT	
			02	NO EFFECT	
		36-1044		NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP. CODE	SB NUMBER	REV	STATUS/ INCORP.DATE	REMARKS
		36-1047	01	NO EFFECT	
		36-1048	01	NO EFFECT	
		36-1049		NO EFFECT	
		36-1050	01	NO EFFECT	
R	S	36-1057			
		38-1043	02	NO EFFECT	
	С	38-1044	01 02	NOV 01/98 NO EFFECT	
	S	38-1045	05 06 07	NOV 01/00 NO EFFECT NO EFFECT	510393
		38-1049	01	NO EFFECT NO EFFECT	510327
	С	38-1052		NOV 01/98	
		38-1053	02 03	NO EFFECT NO EFFECT	
		38-1055		REJECTED	
	S	46-1001	02 03 04 05 06 07 08	AUG 01/01 NO EFFECT NO EFFECT NO EFFECT NO EFFECT NO EFFECT	
	S	46-1005	02 03	AUG 01/01 NO EFFECT	
		46-1009	01 02	NO EFFECT NO EFFECT NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP. CODE	SB NUMBER	REV	STATUS/ INCORP.DATE	REMARKS	
		46-1009	03	NO EFFECT		
			04	NO EFFECT		
			05	NO EFFECT		
			06	NO EFFECT		
		46-1013		NO EFFECT		
			01	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		
	С	46-1020		NOV 01/07		
		46-1027	03	NO EFFECT		
			04	NO EFFECT		
		// 407/		NO EFFECT		
		46-1034		NO EFFECT		
	S	49-1039	02			
	S	49-1040	02			
	S	49-1041	01			
	S	49-1045	01	AUG 01/07		
	C	49-1046		NOV 01/06		
		49-1049		NO EFFECT	510191	
			01	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		
			04	NO EFFECT		
		49-1050		NO EFFECT	510291	
			01	NO EFFECT		
	S	49-1051		NOV 01/06		
	3	7/ 10/1		1404 01/00		
	С	49-1052	01	FEB 01/07		
			02	NO EFFECT		
			03	NO EFFECT		
			04	NO EFFECT		

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

				STATUS/ INCORP.DATE	REMARKS
		49-1056	Π2	NO EFFECT	
		47 1030	03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
		49-1057		NO EFFECT	510455
		47 1051	01	NO EFFECT	3 10 433
		/0 4050		NO FEFECT	
		49-1059	01	NO EFFECT	
			UI	NO EFFECT	
	S	49-1061			
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
	S	49-1062			
	_		01	NO EFFECT	
		(0.40/7		NO 555505	
		49-1063		NO EFFECT	
		49-1064		NO EFFECT	
		/O 40/5	0.4	NO 555505	
		49-1065	01	NO EFFECT	
		49-1068		NO EFFECT	
			01	NO EFFECT	
			_		
	S	49-1069	07		
			08	NO EFFECT	
			09	NO EFFECT	
			10	NO EFFECT	
R			11 12	NO EFFECT	
		49-1070		NO EFFECT	
	S	49-1073	03		
	J	47-1013	03	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
R			07		

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

 	INCORP. CODE			STATUS/ Incorp.date	REMARKS
		52-1039	03	NO EFFECT	504665
			04	NO EFFECT	
			05	NO EFFECT	
		52-1049	01	NO EFFECT	
			02	NO EFFECT	
		52-1057		NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	
		52-1058	01	NO EFFECT	
		52-1060	02	NO EFFECT	
			03	NO EFFECT	
		52-1064		NO EFFECT	
			01	NO EFFECT	
		52-1065		NO EFFECT	
		52-1066		NO EFFECT	
		52-1067		NO EFFECT	
		52-1070		NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
		52-1071		NO EFFECT	514175
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	
			07	NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

 	INCORP. CODE			STATUS/ INCORP.DATE	REMARKS	
		52 4074	0.0	WO		
		52-1071	U8	NO EFFECT		
		52-1073		NO EFFECT	514207	
			05	NO EFFECT		
		52-1082	01	NO EFFECT		
		52-1083		REJECTED		
		52-1085	01	NO EFFECT		
		ED 4007	0.4	NO EFFECT	E0/0E4	
		52-1087	01 02	NO EFFECT No effect	504951	
			03	NO EFFECT		
			05	NO ETTECT		
		52-1088	01	NO EFFECT	514014	
			02	NO EFFECT		
			03	NO EFFECT		
			04	NO EFFECT		
			05	NO EFFECT		
		52-1089		NO EFFECT		
		J,	01	NO EFFECT		
			02	NO EFFECT		
		F2 4000		NO 555507		
		52-1090	0.4	NO EFFECT		
			01	NO EFFECT		
		52-1091	02	NO EFFECT		
		52-1092		NO EFFECT		
		F2 400/	0.4	NO 555507	247700	
		52-1094	01	NO EFFECT	217390	
			02	NO EFFECT		
		52-1095	01	NO EFFECT	217408	
		E2 4004		NO EFFECT	E1/.190	
		52-1096	0.4	NO EFFECT	514189	
			01	NO EFFECT		
			02	NO EFFECT		
		52-1097	01	NO EFFECT	514174	
			02	NO EFFECT		

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## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

 	INCORP.			STATUS/ INCORP.DATE	REMARKS	
		NUMBER				
		52-1100	0.1	NO EFFECT	514121	
		J2-1100	UI	NO EFFECT	J 14 12 1	
		52-1105	_	NO EFFECT		
				NO EFFECT		
			02	NO EFFECT		
		52-1107		NO EFFECT		
		52-1108		NO EFFECT		
			01	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		
		52-1114		NO EFFECT		
			01	NO EFFECT		
	S	52-1115		AUG 01/03		
			01	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		
			04	NO EFFECT		
	S	52-1116		REJECTED		
		52-1118		NO EFFECT		
			01	NO EFFECT		
			02	NO EFFECT		
		52-1121		NO EFFECT		
		52-1123		NO EFFECT		
		52-1124		NO EFFECT		
			01	NO EFFECT		
		52-1125		NO EFFECT		
		52-1127		NO EFFECT		
			01	NO EFFECT		
		52-1134	01	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP. CODE	SB NUMBER	REV	STATUS/ INCORP.DATE	REMARKS
		52-1136	0.4	NO EFFECT	
			01	NO EFFECT	
		52-1138	01	NO EFFECT	
		52-1140	01	NO EFFECT	
		53-1060		NO EFFECT	
			01	NO EFFECT	
		53-1066	17 18	NO EFFECT No effect	
			19	NO EFFECT	
			20	NO EFFECT	
			21	NO EFFECT	
			22	NO EFFECT	
		53-1106	03	NO EFFECT	504703
		53-1111		NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
		53-1112		NO EFFECT	
		53-1116	01	NO EFFECT	514176
			02	NO EFFECT	
		53-1117	02	NO EFFECT	514173
		53-1118		NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
		F7 4101	6.4		50/0/0
		53-1121	01	NO EFFECT	504949
			02	NO EFFECT	
		53-1122	01	NO EFFECT	
		53-1123	01	NO EFFECT	504916
		<del>-</del>	02	NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP.			STATUS/ INCORP.DATE	REMARKS	   
		53-1125	01	NO EFFECT		
			02	NO EFFECT		
		53-1126	01	NO EFFECT	504955	
		53-1127	01	NO EFFECT		
		57 1120		NO EFFECT		
		53-1128	01	NO EFFECT No effect		
			0 1	NO ETTECT		
		53-1129	01	NO EFFECT		
		53-1130		NO EFFECT	504983	
			01	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		
		53-1132		NO EFFECT	504917	
			01	NO EFFECT		
			02	NO EFFECT		
		53-1133	01	NO EFFECT	514177	
			02	NO EFFECT		
			03	NO EFFECT		
		53-1134		NO EFFECT	504948	
			01	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		
			04	NO EFFECT		
		53-1136		NO EFFECT		
			01	NO EFFECT		
			02	NO EFFECT		
		53-1138	01	NO EFFECT	514179	
			02	NO EFFECT		
			03	NO EFFECT		
			04	NO EFFECT		
		53-1139	03	NO EFFECT		
			04	NO EFFECT		
			05	NO EFFECT		

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

INCORP. SB STATUS/ REMARKS CODE NUMBER REV INCORP.DATE						
CODE	NUMBER 	REV	INCORP.DATE			
	53-1139		NO EFFECT			
		07	NO EFFECT			
		80	NO EFFECT			
		09	NO EFFECT			
		10	NO EFFECT			
		11	NO EFFECT			
		12	NO EFFECT			
		13	NO EFFECT			
В		14	NO EFFECT			
R		15	NO EFFECT			
	53-1140	01	NO EFFECT	514182		
		02	NO EFFECT			
		03	NO EFFECT			
		04	NO EFFECT			
		05	NO EFFECT			
	53-1141		NO EFFECT	514092		
		01	NO EFFECT			
		02	NO EFFECT			
	53-1142		NO EFFECT			
	53-1143		NO EFFECT			
		01	NO EFFECT			
		02	NO EFFECT			
		03	NO EFFECT			
		04	NO EFFECT			
	53-1145	01	NO EFFECT			
		02	NO EFFECT			
	53-1146		NO EFFECT			
		01	NO EFFECT			
	53-1147		NO EFFECT			
		01	NO EFFECT			
		02	NO EFFECT			
		03	NO EFFECT			
	53-1148	01	NO EFFECT			
	53-1149		NO EFFECT			

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

 	INCORP. CODE	SB Number	REV	INCORP.DATE	REMARKS	
		53-1149	01	NO EFFECT		
		F7 44F/		NO 555507		
		53-1154	0.1	NO EFFECT No effect		
			02	NO EFFECT		
		53-1158	_	NO EFFECT		
			01			
			02	NO EFFECT		
		53-1159		NO EFFECT		
		_				
		53-1160	0.4	NO EFFECT		
			01	NO EFFECT		
		53-1164		NO EFFECT		
		53-1166	0.4	NO EFFECT		
			01	NO EFFECT		
R		53-1176	01	NO EFFECT		
			_			
		53-1180	01	NO EFFECT		
		53-1184	01	NO EFFECT		
			•			
		53-1189		NO EFFECT		
R			01	NO EFFECT		
		53-1191		NO EFFECT		
		53-1192	01	NO EFFECT		
		53-1193		NO EFFECT		
		JJ-117J		NO EFFECT		
		53-1194	01	NO EFFECT		
		53-1195	0.4	NO EFFECT		
			01 02	NO EFFECT No effect		
			UΖ	NU EFFECT		
		53-1196		NO EFFECT		
			01	NO EFFECT		

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

ı	CODE	SB NUMBER		STATUS/ INCORP.DATE	REMARKS	
		53-1200		NO EFFECT		
		53-1202		NO EFFECT		
		53-1207		NO EFFECT		
		53A1135		NO EFFECT	514193	
			01	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		
		53A1180	01	NO EFFECT		
			02	NO EFFECT		
		54-1007	02	NO EFFECT		
			03	NO EFFECT		
			04	NO EFFECT		
			05	NO EFFECT		
		54-1010	02	NO EFFECT		
			03	NO EFFECT		
		54-1012		NO EFFECT	504977	
		54-1013	02	NO EFFECT		
			03	NO EFFECT		
			04	NO EFFECT		
		54-1014	01	NO EFFECT		
		55-1018		NO EFFECT	514013	
			01	NO EFFECT		
		55-1019		NO EFFECT		
			01	NO EFFECT		
		55-1020		NO EFFECT	504821	
		55-1022		NO EFFECT	514001	
			01	NO EFFECT		
		55-1023		NO EFFECT		

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

 	INCORP. CODE			STATUS/ INCORP.DATE	REMARKS
		NUMBEK		INCURP.DATE	
		55-1026	01	NO EFFECT	
		55-1028		NO EFFECT	514238
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
		55-1029	12	NO EFFECT	
			13	NO EFFECT	
			14	NO EFFECT	
		55A1027	01	NO EFFECT	E0 514247.01
			02	NO EFFECT	
		56-1002	01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
		56-1007		NO EFFECT	514238
			01	NO EFFECT	
		56-1009	01	NO EFFECT	
		56-1011	01	NO EFFECT	
		57-1051		NO EFFECT	
			01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
		57-1076	01	NO EFFECT	
			02	NO EFFECT	
		57-1079	01	NO EFFECT	
			02	NO EFFECT	
			03	NO EFFECT	
			04	NO EFFECT	
			05	NO EFFECT	
			06	NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

 	INCORP.		REV	STATUS/ Incorp.date	REMARKS	
		57-1083		NO EFFECT	504725	
			01	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		
			04	NO EFFECT		
			05	NO EFFECT		
		57-1084	03	NO EFFECT		
		57-1085		NO EFFECT		
		57-1086	03	NO EFFECT		
			04	NO EFFECT		
		57-1087	01	NO EFFECT		
			02	NO EFFECT		
		57-1088	04	NO EFFECT	514042	
		57-1089	03	NO EFFECT	504998	
		57-1092	01	NO EFFECT		
			02	NO EFFECT		
		57-1093	02	NO EFFECT		
		57-1095		NO EFFECT		
		57-1097	01	NO EFFECT		
			02	NO EFFECT		
			03	NO EFFECT		
			04	NO EFFECT		
		57-1098		NO EFFECT	504972	
			01	NO EFFECT		
		57-1099	01	NO EFFECT	504920	
			02	NO EFFECT		
		57-1100	01	NO EFFECT	504999	
			02	NO EFFECT		
			03	NO EFFECT		

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

RP. S E NUMBER		STATUS/	REMARKS	
 	KEV			
57-1101		NO EFFECT	514033	
	01	NO EFFECT		
	02	NO EFFECT		
	03	NO EFFECT		
	04	NO EFFECT		
57-1102	01	NO EFFECT	504950	
	02	NO EFFECT		
	03	NO EFFECT		
	04	NO EFFECT		
57-1104	02	NO EFFECT	514004	
	03	NO EFFECT		
57-1105		NO EFFECT		
	01	NO EFFECT		
57-1108		NO EFFECT	217457	
	01	NO EFFECT		
	02	NO EFFECT		
	03	NO EFFECT		
57-1111		NO EFFECT	514250	
	01	NO EFFECT		
	02	NO EFFECT		
	03	NO EFFECT		
	04	NO EFFECT		
57-1114		NO EFFECT		
57-1117		NO EFFECT		
	01	NO EFFECT		
	02	NO EFFECT		
57-1118	01	NO EFFECT		
	02	NO EFFECT		
	03	NO EFFECT		
57-1121		NO EFFECT		
57-1122	01	NO EFFECT		

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP. CODE			STATUS/ INCORP.DATE	REMARKS	1
		57-1123	01	NO EFFECT		
		57-1124	01	NO EFFECT No effect		
		57-1128		NO EFFECT		
			01	NO EFFECT		
		57-1129	01	NO EFFECT		
		F7 4470	02	NO EFFECT		
		57-1130	01	NO EFFECT No effect		
			02	NO EFFECT		
		57-1131		NO EFFECT		
		57-1133	0.4	NO EFFECT		
			01 02	NO EFFECT No effect		
			03	NO EFFECT		
		57-1137		NO EFFECT		
		57-1138	01	NO EFFECT		
		57-1142		NO EFFECT		
		57-1144	01	NO EFFECT		
R	1	57-1145		NO EFFECT		
		57A1136		NO EFFECT		
R	ł	57A1146		NO EFFECT		
		71-1016		NO EFFECT	216237	
		71-1017		NO EFFECT		
		71-1018		NO EFFECT		

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP.	SB NUMBER	REV	STATUS/ INCORP.DATE	REMARKS
		71-1023		NO EFFECT	
		71-1032		NO EFFECT	
		71-1033		NO EFFECT	
R		71-1041	01	NO EFFECT NO EFFECT	
	S	72-1014		FEB 01/07	
	S	72-1015		AUG 01/97	
	С	72-1016	05	MAY 01/06	
	S	72-1017	01	MAY 01/01 NO EFFECT	
	S	72-1024	01	AUG 01/05 NO EFFECT	
	S	72-1025	01	AUG 01/05 NO EFFECT	
	S	72-1026		AUG 01/05	
	s	72-1027		AUG 01/05	
		72A1031		NO EFFECT	
	S	73-1033	01	MAY 01/00 NO EFFECT	
		73-1037		NO EFFECT	
	С	73-1044	02	AUG 01/01	
		73-1051	01 02 03	NO EFFECT NO EFFECT NO EFFECT	
	S	73-1052	04	NOV 01/01	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP. CODE	SB NUMBER	REV	STATUS/ INCORP.DATE	REMARKS
	S	73-1058		NOV 01/97	
	С	73-1059		NOV 01/98	
		73-1061		NO EFFECT	
	С	73-1062		MAY 01/00	
		73-1070		NO EFFECT	
	s	73-1080		AUG 01/04	
			01	NO EFFECT	
		75-1004	02	NO EFFECT	
		76-1003	01	NO EFFECT	
	S	76-1004	_	AUG 01/96	
			01 02	NO EFFECT No effect	
		78-1012	01	NO EFFECT	
		78-1014		NO EFFECT	
		78-1015		NO EFFECT	
			01	NO EFFECT	
		78-1017		NO EFFECT	
			01	NO EFFECT	
		78-1018		NO EFFECT	
		78-1019		NO EFFECT	
		92-1001		REJECTED	
		92-1002		NO EFFECT	
		92-1004	01	NO EFFECT	
		92-1005		NO EFFECT	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

INCORP.		REV	STATUS/ INCORP.DATE	REMARKS
	92-1007		NO EFFECT	510552
		03	NO EFFECT	
		04	NO EFFECT	
		05	NO EFFECT	
		06	NO EFFECT	
		07	NO EFFECT	
		80	NO EFFECT	
	92-1008		NO EFFECT	
		01	NO EFFECT	
		02	NO EFFECT	
	92-1010		NO EFFECT	
		01	NO EFFECT	
	92-1011	01	NO EFFECT	
	92-1012		NO EFFECT	
	92-1018	03	NO EFFECT	
	92-1019		REJECTED	
	92-1021		NO EFFECT	
		01	NO EFFECT	
		02	NO EFFECT	
		03	NO EFFECT	
		04	NO EFFECT	
		05	NO EFFECT	
		06	NO EFFECT	
		07	NO EFFECT	
	92-1022		NO EFFECT	
	92-1023		NO EFFECT	
	92-1024	01	NO EFFECT	
	92-1026		NO EFFECT	
	92-1028	01 02	NO EFFECT No effect	

## TROUBLE SHOOTING MANUAL

#### SERVICE BULLETIN LIST

	INCORP.	 SB	 !	 Status/	REMARKS
i	CODE	NUMBER	REV		KENAKS
		92-1030		NO EFFECT	
			01	NO EFFECT	
	S	92-1032		MAY 01/07	
	•	7= 100=	01	NO EFFECT	
		92-1034		NO EFFECT	
		92-1036		NO EFFECT	
		92-1037		NO EFFECT	
		92-1039		NO EFFECT	
		)L 103)	01	NO EFFECT	
		92-1041	01	NO EFFECT	
		92-1042		NO EFFECT	
		72 1042	01	NO EFFECT	
		92-1043	_	NO EFFECT	
			01	NO EFFECT	
		92-1048		NO EFFECT	
		/L 1040		NO ELLEGI	

\*\* END OF LIST \*\*

#### TROUBLE SHOOTING MANUAL

#### **INTRODUCTION**

The COC list only shows COC's that have an effect on the manual.

The COC list has the following 3 columns to indicate a COC and its status:

- COC Reference
- Incorporation date
- Remarks

#### **COC REFERENCE:**

This column shows the COC reference and revision number. A movement code indicated by the letter "R" on the left-side of the column indicates a change to the printed matter as per ATA 100.

#### **INCORPORATION DATE:**

When the COC has been fully incorporated into the manual, the respective revision date of the incorporation is indicated in this column.

If the COC reference is listed and the incorporation date column is blank then the COC is not yet incorporated or not yet fully incorporated.

#### **REMARKS:**

Use of this column is optional for additional operator information. It is used only upon specific operator request.

## TROUBLE SHOOTING MANUAL

#### CUSTOMER ORIGINATED CHANGES (COC) LIST

COC REFERENCE	STATUS/	REMARKS	
	INCORP.DATE		

\*\* END OF LIST \*\*

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COC LIST PAGE 2 MAY 01/08

### TROUBLE SHOOTING MANUAL

#### HIGHLIGHTS

#### REVISION NO. 54 May 01/08

Pages which have been revised are outlined below, together with the Highlights of the revision

SUBJECT PAGES		REASON FOR CHANGE	EFFECTIVITY
LEP	1-1	Revised to reflect this revision indicati new,revised, and/or deleted pages	ng
I-ECAM 1-35		REVISED ACCORDINGLY TO THE FAULT LIST	ALL
I-LOCAL 1, 6		REVISED ACCORDINGLY TO THE FAULT LIST	ALL
I-OBSV 7-25, 35-46		REVISED ACCORDINGLY TO THE FAULT LIST	ALL

#### TROUBLE SHOOTING MANUAL

#### INDEX OF WARNINGS/MALFUNCTIONS

#### LIST OF EFFECTIVE PAGES

N, R or D indicates pages which are New, Revised or Deleted respectively. Remove and insert the affected pages and complete the Record of Revisions and the Record of Temporary Revisions as necessary.

SUBJECT		PAGE	DATE	SUBJECT		PAGE	DATE	SUBJECT	PAGE	DATE
RECORD				I-EFIS		2	Aug01/05	I-OBSV	28	Feb01/08
OF TEMP.				I-EFIS			Aug01/07	I-OBSV		Feb01/08
REVISION				1 1115		,	Augu 17 01	I-OBSV		Feb01/08
KLVISION				I-LOCAL	R	1	May01/08	I-OBSV		Feb01/08
LEP	R	1- 1	May01/08	I-LOCAL	IX.	2	Feb01/05	I-OBSV		Feb01/08
LL!	1		11ay0 17 00	I-LOCAL		3	May01/06	I-OBSV		Feb01/08
I-ECAM	R	1	May01/08	I-LOCAL		4	May01/06	I-OBSV		Feb01/08
I-ECAM	R	2	May01/08	I-LOCAL		5	Aug01/06	I-OBSV	R 35	
I-ECAM	R	3	May01/08	I-LOCAL	R	6	May01/08	I-OBSV		May01/08
I-ECAM	R	4	May01/08	I-LOCAL		7	Aug01/06	I-OBSV	R 37	•
I-ECAM	R	5	May01/08	I-LOCAL		8	Nov01/06	I-OBSV	R 38	•
I-ECAM	R	6	May01/08	I-LOCAL		9	May01/07	I-OBSV		May01/08
I-ECAM	R	7	May01/08	I-LOCAL		10	May01/07	I-OBSV	R 40	•
I-ECAM	R	8	May01/08	I-LOCAL		11	May01/07	I-OBSV	R 41	•
I-ECAM	R	9	May01/08	I-LOCAL		12	•	I-OBSV		May01/08
I-ECAM	R	10	May01/08	I LOUAL			114701701	I-OBSV		May01/08
I-ECAM	R	11	May01/08	I-OBSV		1	Aug01/04	I-OBSV		May01/08
I-ECAM	R		May01/08	I-OBSV			_	I-OBSV		May01/08
I-ECAM	R		•	I-OBSV		3	Feb01/08	I-OBSV		May01/08
I-ECAM	R		May01/08	I-OBSV		4	Feb01/08	1 0501	. 40	114701700
I-ECAM	R		-	I-OBSV		5	Feb01/08			
I-ECAM	R		May01/08	I-OBSV		6	Feb01/08			
I-ECAM	R	17		I-OBSV	R	7	May01/08			
I-ECAM	R		May01/08	I-OBSV	R	8	May01/08			
I-ECAM	R	19	May01/08	I-OBSV	R	9	May01/08			
I-ECAM	R	20	May01/08	I-OBSV	R	10	May01/08			
I-ECAM	R	21	May01/08	I-OBSV	R	11	May01/08			
I-ECAM	R		May01/08	I-OBSV	R	12	•			
I-ECAM	R	23	May01/08	I-OBSV	R	13	May01/08			
I-ECAM	R		May01/08	I-OBSV	R	14	-			
I-ECAM	R	25	May01/08	I-OBSV	R	15	May01/08			
I-ECAM	R		May01/08	I-OBSV	R	16	•			
I-ECAM	R	27	-	I-OBSV	R	17	May01/08			
I-ECAM	R	28	May01/08	I-OBSV	R	18	May01/08			
I-ECAM	R	29	May01/08	I-OBSV	R	19	May01/08			
I-ECAM	R		May01/08	I-OBSV	R		May01/08			
I-ECAM	R			I-OBSV	R	21	-			
I-ECAM	R		May01/08	I-OBSV	R		May01/08			
I-ECAM	R		May01/08	I-OBSV	R		May01/08			
I-ECAM	R		May01/08	I-OBSV	R		May01/08			
I-ECAM	R		May01/08	I-OBSV	R		May01/08			
			,	I-OBSV			Feb01/08			
I-EFIS		1	Aug01/00	I-OBSV			Feb01/08			
			-							

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### TROUBLE SHOOTING MANUAL

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AIR APU BLEED LEAK	36-22	36-ECAM
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AIR ENG 1 BLEED ABNORM PR	36-11	36-ECAM
AIR ENG 1 BLEED FAULT	36-21	36-ECAM
AIR ENG 1 BLEED LEAK	36-22	36-ECAM
AIR ENG 1 BLEED LEAK	36-22	36-0BSV
AIR ENG 1 BLEED LO TEMP	36-00	30-LOCAL
AIR ENG 1 BLEED LO TEMP	36-00	36-ECAM
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AIR ENG 1 HP VALVE FAULT		36-0BSV
AIR ENG 1 LEAK DET FAULT		36-ECAM
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AIR ENG 1+2 BLEED LO TEMP		36-0BSV
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AIR PACK 1 FAULT		21-ECAM
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### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	TSM ATA CH-PB101
AIR PACK 2 OFF		21-ECAM
IR PACK 2 OVHT		21-ECAM
IR PACK 2 REGUL FAULT		21-ECAM
<u>IR</u> R WING LEAK		21-0BSV
<u>IR</u> R WING LEAK		36-ECAM
<u>IR</u> R WING LEAK		36-0BSV
<u>IR</u> R WING LEAK DET FAULT		36-ECAM
<u>IR</u> X BLEED FAULT		36-ECAM
NTI ICE CAPT AOA		30-ECAM
NTI ICE CAPT L STAT		30-ECAM
NTI ICE CAPT PITOT	30-31	30-ECAM
NTI ICE CAPT R STAT	30-31	30-ECAM
NTI ICE CAPT TAT	30-31	30-ECAM
NTI ICE DETECT FAULT	30-81	30-ECAM
NTI ICE ENG1 VALVE CLSD	30-21	30-ECAM
NTI ICE ENG1 VALVE OPEN	30-21	30-ECAM
NTI ICE ENG1 VALVE OPEN	30-21	30-LOCAL
 NTI ICE ENG2 VALVE CLSD	30-21	30-ECAM
 NTI ICE ENG2 VALVE OPEN	30-21	30-ECAM
NTI ICE ENG2 VALVE OPEN		30-LOCAL
NTI ICE F/O AOA		30-ECAM
NTI ICE F/O L STAT		30-ECAM
NTI ICE F/O PITOT		30-ECAM
NTI ICE F/O R STAT		30-ECAM
NTI ICE F/O TAT		30-ECAM
NTI ICE L WINDOW		30-ECAM
NTI ICE L WINDSHIELD		30-ECAM
NTI ICE L+R WINDSHIELD		30-ECAM
NTI ICE R WINDOW		30-ECAM
NTI ICE R WINDSHIELD		30-ECAM
NTI ICE STBY AOA		30-ECAM
NTI ICE STBY L STAT		30-ECAM
NTI ICE STBY PITOT		30-ECAM
NTI ICE STBY R STAT		30-ECAM
PU AUTO SHUT DOWN		49-ECAM
PU EMER SHUT DOWN		49-ECAM
PU FIRE		26-ECAM
PU FIRE DET FAULT		26-ECAM
PU FIRE LOOP A FAULT		26-ECAM
PU FIRE LOOP B FAULT		26-ECAM
UTO FLT		22-ECAM
<u>UTO FLT</u> A/THR LIMITED		22-ECAM
UTO FLT A/THR OFF		21-ECAM
UTO FLT A/THR OFF		22-ECAM
UTO FLT A/THR OFF		77-ECAM
UTO FLT AP OFF	22-00	21-ECAM
 UTO FLT AP OFF	22-00	22-ECAM

EFF: ALL

**I-ECAM** 

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### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA	TSM ATA
	CH/SE	CH-PB101
AUTO FLT AP OFF	22-00	27-ECAM
AUTO FLT FAC 1 FAULT	22-00	22-ECAM
AUTO FLT FAC 1+2 FAULT	22-00	22-ECAM
AUTO FLT FAC 1+2 FAULT		27-ECAM
AUTO FLT FAC 2 FAULT		22-ECAM
AUTO FLT FCU 1 FAULT		22-ECAM
AUTO FLT FCU 1+2 FAULT		22-ECAM
AUTO FLT FCU 2 FAULT		22-ECAM
AUTO FLT RUD TRIM SYS		22-ECAM
AUTO FLT RUD TRIM SYS		27-ECAM
AUTO FLT RUD TRIM1 FAULT		22-ECAM
AUTO FLT RUD TRIM1 FAULT		27-ECAM
AUTO FLT RUD TRIM2 FAULT		22-ECAM
AUTO FLT RUD TRIM2 FAULT		27-ECAM
AUTO FLT RUD TRV LIM SYS		22-ECAM
AUTO FLT RUD TRV LIM SYS		27-ECAM
AUTO FLT RUD TRV LIM 1		22-ECAM
AUTO FLT RUD TRV LIM 1		27-ECAM
AUTO FLT RUD TRV LIM 2		22-ECAM
AUTO FLT RUD TRV LIM 2		27-ECAM
AUTO FLT YAW DAMPER SYS		22-ECAM
AUTO FLT YAW DAMPER SYS		22-0BSV
AUTO FLT YAW DAMPER SYS		27-ECAM
AUTO FLT YAW DAMPER SYS		27-ECAM 27-0BSV
AUTO FLT YAW DAMPER STS		27-063V 22-ECAM
		22-ECAM 22-0BSV
		27-ECAM
		27-ECAM 27-0BSV
		22-ECAM
AUTO FLT YAW DAMPER 2		22-0BSV
AUTO FLT YAW DAMPER 2		27-ECAM
AUTO FLT YAW DAMPER 2		27-0BSV
AVIONICS SMOKE		26-ECAM
AVIONICS SMOKE		26-0BSV
BLEED MONITORING FAULT		36-ECAM
BRAKES A/SKID NWS FAULT		32-ECAM
BRAKES ALTN BRK FAULT		32-ECAM
BRAKES ANTI SKID/NWS OFF		32-ECAM
BRAKES AUTO BRK FAULT		27-ECAM
BRAKES AUTO BRK FAULT		32-ECAM
BRAKES AUTO BRK FAULT BRAKE RELEASED		32-ECAM
BRAKES BSCU CH1 FAULT		27-ECAM
BRAKES BSCU CH1 FAULT		32-ECAM
BRAKES BSCU CH2 FAULT		27-ECAM
BRAKES BSCU CH2 FAULT		32-ECAM
BRAKES HOT		32-ECAM
	72 00	32-0BSV

EFF: ALL

**I-ECAM** 

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## **@A319/A320/A321**

### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	TSM ATA
BRAKES SYS 1 FAULTBRAKES SYS 1 FAULT		27-ECAM
BRAKES SYS 1 FAULT		32-ECAM
BRAKES SYS 2 FAULT		27-ECAM
RAKES SYS 2 FAULT		32-ECAM
RAKES-N/WS MINOR FAULT		32-ECAM
/B TRIPPED L ELEC BAY		31-ECAM
/B TRIPPED ON OVHD PNL		31-ECAM
/B TRIPPED R ELEC BAY		31-ECAM
/B TRIPPED REAR PNL J-M		31-ECAM
/B TRIPPED REAR PNL N-R		31-ECAM
/B TRIPPED REAR PNL N-K		31-ECAM
/B TRIPPED REAR PNL W-Z		31-ECAM
AB PR EXCES RESIDUAL PR		21-ECAM
AB PR EXCESS CAB ALT		21-ECAM
AB PR LDG ELEV FAULT		21-ECAM
AB PR LDG ELEV FAULT		=
		22-ECAM
AB PR LO DIFF PR		21-ECAM
AB PR OFV NOT OPEN		21-ECAM
AB PR OFV NOT OPEN		21-0BSV
AB PR OUTFLOW VALVE NOT OPEN		21-ECAM
AB PR OUTFLOW VALVE NOT OPEN		21-0BSV
AB PR SAFETY VALVE OPEN		21-ECAM
<u>AB_PR</u> SYS 1 FAULT		21-ECAM
AB PR SYS 1+2 FAULT		21-ECAM
AB PR SYS 1+2 FAULT		21-L0CA
AB PR SYS 2 FAULT		21-ECAM
ARGO SMOKE	26-00	26-ECAM
ARGO SMOKE	26-00	26-0BSV
OM ACARS FAULT	23-00	23-ECAM
OM CIDS 1+2 FAULT	23-00	23-ECAM
OM HF1 DATA FAULT	23-11	23-ECAM
OM HF1 EMITTING	23-00	23-ECAM
OM HF2 EMITTING	23-00	23-ECAM
OM SATCOM DATA FAULT		23-ECAM
OM SATCOM FAULT		23-ECAM
OM VHF1 EMITTING		23-ECAM
OM VHF2 EMITTING		23-ECAM
OM VHF3 DATA FAULT		23-ECAM
OM VHF3 DATA FAULT		46-ECAM
OM VHF3 EMITTING		23-ECAM
OND		21-ECAM
OND AFT CAB DUCT OVHT		21-ECAM
OND AFT CARGO DUCT OVHT		21-ECAM
OND AFT CRG HEAT FAULT		21-ECAM
OND AFT CRG ISOL VALVE		21-ECAM
COND CKPT DUCT OVHT		21-ECAM
COND FWD CAB DUCT OVHT		21-ECAM
OND TWO CAD DUCT OVAL	21-03	Z I-ECAM

EFF: ALL
SROS

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**I-ECAM** 

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### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	TSM ATA CH-PB101
COND FWD CRG HEAT FAULT		21-ECAM
COND HOT AIR FAULT		21-ECAM
COND L+R CAB FAN FAULT		21-ECAM
COND TRIM AIR SYS FAULT		21-ECAM
COND TRIM AIR SYS FAULT		21-0BSV
COND ZONE REGUL FAULT		21-663V 21-ECAM
CONFIG		27-ECAM
CONFIG		27-ECAM 27-0BSV
CONFIG FLAPS NOT IN T.O CONFIG		27-063V 27-ECAM
CONFIG L SIDESTICK FAULT		27-ECAM
		=
CONFIG PARK BRK ON		32-ECAM
CONFIG PARK BRK ON		32-0BSV
CONFIG PITCH TRIM NOT IN T.O RANGE		27-ECAM
CONFIG R SIDESTICK FAULT		27-ECAM
CONFIG RUD TRIM		27-ECAM
CONFIG SLATS NOT IN T.O CONFIG		27-ECAM
CONFIG SPD BRK NOT RETRACTED		27-ECAM
DATALINK ATSU FAULT		46-ECAM
DATALINK ATSU FAULT ATSU INIT FAULT		46-ECAM
DATALINK COMPANY FAULT		23-ECAM
<u>DATALINK</u> COMPANY FAULT		46-ECAM
<u>DOOR</u> AFT AVIONICS		52-ECAM
DOOR AFT AVIONICS		52-0BSV
<u>DOOR</u> AFT CARGO		52-ECAM
<u>DOOR</u> BULK CARGO		52-ECAM
DOOR FWD AVIONICS		52-ECAM
<u>DOOR</u> FWD AVIONICS		52-0BSV
DOOR FWD CARGO		52-ECAM
<u>DOOR</u> L AFT CABIN		52-ECAM
DOOR L AFT CABIN		52-0BSV
<u>DOOR</u> L AFT EMER EXIT		52-ECAM
DOOR L AVIONICS		52-ECAM
DOOR L AVIONICS		52-0BSV
DOOR L EMER EXIT	. 52-00	52-ECAM
DOOR L FWD CABIN	. 52-00	52-ECAM
DOOR L FWD CABIN	. 52-00	52-0BSV
DOOR L FWD EMER EXIT	. 52-00	52-ECAM
DOOR R AFT CABIN	. 52-00	52-ECAM
DOOR R AFT CABIN	. 52-00	52-0BSV
DOOR R AFT EMER EXIT	. 52-00	52-ECAM
DOOR R AVIONICS	. 52-00	52-ECAM
DOOR R AVIONICS		52-0BSV
DOOR R EMER EXIT	. 52-00	52-ECAM
DOOR R FWD CABIN		52-ECAM
DOOR R FWD CABIN		52-0BSV
DOOR R FWD EMER EXIT	. 52-00	52-ECAM

EFF: ALL

**I-ECAM** 

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## **@A319/A320/A321**

### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	TSM ATA
	31_NN	31-ECAM
IS DMC 3 FAULT		31-ECAM
LEC AC BUS 1 FAULT		24-ECAM
LEC AC BUS 1 FAULT		24-ECAM 24-0BSV
LEC AC BUS 2 FAULT		24-063V 24-ECAM
LEC AC BUS 2 FAULT		24-ECAM 24-0BSV
LEC AC BUS Z FAULT		24-065V 24-ECAM
		24-ECAM 24-LOCAL
LEC AC ESS BUS FAULT		
AC ESS BUS FAULT		24-0BSV
_EC AC ESS BUS SHED		24-ECAM
_EC AC ESS BUS SHED		24-0BSV
_EC APU GEN FAULT		24-ECAM
EC APU GEN OVERLOAD		24-ECAM
EC APU GEN OVERLOAD		24-0BSV
EC BAT 1 FAULT		24-ECAM
<u>EC</u> BAT 1 OFF		24-ECAM
EC BAT 1 OFF		24-0BSV
EC BAT 2 FAULT		24-ECAM
<u>EC</u> BAT 2 OFF		24-ECAM
EC BAT 2 OFF		24-0BSV
EC BCL 1 FAULT	24-00	24-ECAM
EC BCL 2 FAULT	24-00	24-ECAM
.EC DC BAT BUS FAULT	24-00	24-ECAM
EC DC BUS 1 FAULT	24-00	24-ECAM
 EC DC BUS 1+2 FAULT	24-00	24-ECAM
 .EC DC BUS 2 FAULT	24-00	24-ECAM
 EC DC EMER CONFIG	24-00	24-ECAM
 EC DC ESS BUS FAULT	24-00	24-ECAM
 .EC DC ESS BUS SHED	24-00	24-ECAM
EC DC ESS BUS SHED		24-0BSV
EC EMER CONFIG		24-ECAM
EC EMER GEN 1 LINE OFF		24-ECAM
EC EMER GEN 1 LINE OFF		24-0BSV
EC ESS BUSES ON BAT		24-ECAM
EC ESS TR FAULT		24-ECAM
EC ESS TR FAULT		24-0BSV
EC GEN 1 FAULT		24-ECAM
EC GEN 1 OFF		24-ECAM
EC GEN 1 OFF		24-ECAM 24-0BSV
EC GEN 1 OVERLOAD		24-063V 24-ECAM
EC GEN 1 OVERLOADEC GEN 1 OVERLOAD		24-ECAM 24-0BSV
		24-UBSV 24-ECAM
<u>_EC</u> GEN 2 FAULT		_
<u>_EC</u> GEN 2 OFF		24-ECAM
EC GEN 2 OFF		24-0BSV
LEC GEN 2 OVERLOAD		24-ECAM
LEC GEN 2 OVERLOAD		24-0BSV
LEC IDG 1 OIL LO PR	24-00	24-ECAM

EFF: ALL

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### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	TSM ATA CH-PB101
	- 24-00	24-ECAM
ELEC IDG 1 OIL OVHT		28-ECAM
ELEC IDG 1 OIL OVHT		28-LOCAL
LEC IDG 2 OIL LO PR		24-ECAM
ELEC IDG 2 OIL OVHT		24-ECAM
ELEC IDG 2 OIL OVHT		28-ECAM
LEC IDG 2 OIL OVHT		28-LOCAL
LEC STATIC INV FAULT		24-ECAM
LEC TR 1 FAULT		24-ECAM
LEC TR 2 FAULT		24-ECAM
NG COMPRESSOR VANE		77-ECAM
NG DUAL FAILURE		77-ECAM
NG FLEX TEMP NOT SET		77-ECAM
NG REV SET		77-ECAM
NG THRUST LOCKED		77-ECAM
NG TYPE DISAGREE		77-ECAM
NG VIB SYS FAULT		77-ECAM
NG 1 BLEED STATUS FAULT		77-ECAM
NG 1 COMPRESSOR VANE		77-ECAM
NG 1 CTL VALVE FAULT		77-ECAM
		_
		77-ECAM
NG 1 EGT OVER LIMIT		77-ECAM
NG 1 EIU FAULT		77-ECAM
NG 1 FADEC A FAULT		22-ECAM
NG 1 FADEC A FAULT		77-ECAM
NG 1 FADEC ALTERNATOR		77-ECAM
NG 1 FADEC B FAULT		22-ECAM
NG 1 FADEC B FAULT		77-ECAM
NG 1 FADEC FAULT		77-ECAM
NG 1 FADEC HI TEMP		77-ECAM
<u>NG 1</u> FAIL		77-ECAM
NG 1 FF DISCREPANCY		77-ECAM
<u>NG 1 FIRE</u>		26-ECAM
NG 1 FIRE DET FAULT		26-ECAM
<u>NG 1</u> FIRE LOOP A FAULT		26-ECAM
<u>NG 1</u> FIRE LOOP B FAULT		26-ECAM
<u>ng 1</u> fuel CTL fault		77-ECAM
<u>NG 1</u> FUEL FILTER CLOG		77-ECAM
<u>ng 1</u> fuel return valve		77-ECAM
<u>NG_1</u> HP FUEL VALVE		77-ECAM
NG 1 HP FUEL VALVE		77-0BSV
<u>NG 1</u> IGN A FAULT		77-ECAM
NG 1 IGN A+B FAULT		77-ECAM
NG 1 IGN B FAULT		77-ECAM
NG 1 LOW N1		77-ECAM
NG 1 N1 DISCREPANCY	77-00	77-ECAM
NG 1 N1 OVER LIMIT	77-00	77-ECAM

EFF: ALL

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### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	TSM ATA CH-PB101
ENG 1 N2 DISCREPANCY	77-00	77-ECAM
ENG 1 N2 OVER LIMIT	77-00	77-ECAM
ENG 1 OIL FILTER CLOG	77-00	77-ECAM
ENG 1 OIL HI TEMP		77-ECAM
ENG 1 OIL LO PR		77-ECAM
ENG 1 ONE TLA FAULT		77-ECAM
ENG 1 OVSPD PROT FAULT		77-ECAM
ENG 1 OVTHR PROT FAULT		77-ECAM
ENG 1 PROBES FAULT		77-ECAM
ENG 1 REV ISOL FAULT		77-ECAM
ENG 1 REV PRESSURIZED		77-ECAM
ENG 1 REV SWITCH FAULT		77-ECAM
ENG 1 REVERSE UNLOCKED		77-ECAM
ENG_1 REVERSER FAULT		77-ECAM
ENG 1 REVERSER FAULT		78-0BSV
ENG 1 SENSOR FAULT		77-ECAM
ENG 1 SHUT DOWN		77-ECAM
ENG 1 STALL		77-ECAM
ENG 1 START FAULT		77-ECAM
ENG 1 START FAULT - ENG 1 EGT OVERLIMIT		77-ECAM
ENG 1 START FAULT - ENG 1 IGNITION FAULT		77-ECAM
ENG 1 START FAULT - ENG 1 STALL		77-ECAM
ENG 1 START FAULT - LO START AIR PRESS		77-ECAM
ENG 1 START FAULT - STARTER TIME EXCEEDED		77-ECAM
ENG 1 START FAULT - THR LEVER NOT AT IDLE		77-ECAM
ENG 1 START VALVE FAULT		77-ECAM
ENG 1 START VALVE FAULT - START VALVE NOT CLOSED		77-ECAM
ENG 1 START VALVE FAULT - START VALVE NOT OPEN ENG 1 THR LEVER DISAGREE		77-ECAM 77-ECAM
		77-ECAM 77-ECAM
ENG 1 THR LEVER FAULTENG 2 BLEED STATUS FAULT		77-ECAM 77-ECAM
ENG 2 COMPRESSOR VANE		77-ECAM 77-ECAM
ENG 2 CTL VALVE FAULT		77-ECAM
ENG 2 EGT DISCREPANCY		77-ECAM
ENG 2 EGT OVER LIMIT		77-ECAM
ENG 2 EIU FAULT		77-ECAM
ENG 2 FADEC A FAULT		22-ECAM
ENG 2 FADEC A FAULT		77-ECAM
ENG 2 FADEC ALTERNATOR		77-ECAM
ENG 2 FADEC B FAULT		22-ECAM
ENG 2 FADEC B FAULT		77-ECAM
ENG 2 FADEC FAULT		77-ECAM
ENG 2 FADEC HI TEMP		77-ECAM
ENG 2 FAIL		77-ECAM
ENG 2 FF DISCREPANCY		77-ECAM
ENG 2 FIRE		26-ECAM

EFF:

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### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	TSM ATA CH-PB101
ENG 2 FIRE LOOP A FAULT	26-00	26-ECAM
ENG 2 FIRE LOOP B FAULT	26-00	26-ECAM
ENG 2 FUEL CTL FAULT	77-00	77-ECAM
ENG 2 FUEL FILTER CLOG	77-00	77-ECAM
ENG 2 FUEL RETURN VALVE	77-00	77-ECAM
ENG 2 HP FUEL VALVE	77-00	77-ECAM
ENG 2 HP FUEL VALVE	77-00	77-0BSV
ENG 2 IGN A FAULT	77-00	77-ECAM
ENG 2 IGN A+B FAULT		77-ECAM
ENG 2 IGN B FAULT		77-ECAM
ENG 2 LOW N1		77-ECAM
ENG 2 N1 DISCREPANCY		77-ECAM
ENG 2 N1 OVER LIMIT		77-ECAM
ENG 2 N2 DISCREPANCY		77-ECAM
ENG 2 N2 OVER LIMIT		77-ECAM
ENG 2 OIL FILTER CLOG		77-ECAM
ENG 2 OIL HI TEMP		77-ECAM
ENG 2 OIL LO PR		77-ECAM
ENG 2 ONE TLA FAULT		77-ECAM
ENG 2 OVSPD PROT FAULT		77-ECAM
ENG 2 OVTHR PROT FAULT		77-ECAM 77-ECAM
ENG 2 PROBES FAULT		77-ECAM 77-ECAM
		=
ENG 2 REV ISOL FAULT		77-ECAM
ENG 2 REV PRESSURIZED		77-ECAM
ENG 2 REV SWITCH FAULT		77-ECAM
ENG 2 REVERSE UNLOCKED		77-ECAM
ENG 2 REVERSER FAULT		77-ECAM
ENG 2 REVERSER FAULT		78-0BSV
ENG 2 SENSOR FAULT		77-ECAM
ENG 2 SHUT DOWN		77-ECAM
ENG 2 STALL		77-ECAM
ENG 2 START FAULT		77-ECAM
ENG 2 START FAULT - ENG 2 EGT OVERLIMIT		77-ECAM
ENG 2 START FAULT - ENG 2 IGNITION FAULT		77-ECAM
ENG 2 START FAULT - ENG 2 STALL		77-ECAM
ENG 2 START FAULT - LO START AIR PRESS		77-ECAM
<pre>ENG 2 START FAULT - STARTER TIME EXCEEDED</pre>		77-ECAM
ENG 2 START FAULT - THR LEVER NOT AT IDLE		77-ECAM
ENG 2 START VALVE FAULT		77-ECAM
ENG 2 START VALVE FAULT - START VALVE NOT CLOSED		77-ECAM
ENG 2 START VALVE FAULT - START VALVE NOT OPEN	77-00	77-ECAM
ENG 2 THR LEVER DISAGREE		77-ECAM
ENG 2 THR LEVER FAULT	77-00	77-ECAM
F/CTL ADR DISAGREE		27-ECAM
F/CTL AIL SERVO FAULT		27-ECAM
F/CTL AIL SERVO FAULT		27-0BSV
F/CTL ALTN LAW		22-ECAM

EFF: ALL

**I-ECAM** 

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### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	TSM ATA CH-PB101
F/CTL ALTN LAW	27-00	27-ECAM
F/CTL ALTN LAW	27-00	34-ECAM
F/CTL DIRECT LAW	27-00	27-ECAM
F/CTL DIRECT LAW	27-00	34-ECAM
F/CTL ELAC 1 FAULT	27-00	22-ECAM
F/CTL ELAC 1 FAULT	27-00	27-ECAM
F/CTL ELAC 1 FAULT	27-00	27-0BSV
F/CTL ELAC 1 PITCH FAULT	27-00	27-ECAM
F/CTL ELAC 2 FAULT	27-00	22-ECAM
F/CTL ELAC 2 FAULT	27-00	27-ECAM
F/CTL ELAC 2 PITCH FAULT	27-00	27-ECAM
F/CTL ELEV SERVO FAULT	27-00	27-ECAM
F/CTL FCDC 1 FAULT	27-00	27-ECAM
F/CTL FCDC 1+2 FAULT	27-00	27-ECAM
F/CTL FCDC 2 FAULT	27-00	27-ECAM
F/CTL FLAP ATTACH SENSOR	27-00	27-ECAM
F/CTL FLAP SYS 1 FAULT	27-00	27-ECAM
F/CTL FLAP SYS 1 FAULT	27-00	27-0BSV
F/CTL FLAP SYS 2 FAULT	27-00	27-ECAM
F/CTL FLAP SYS 2 FAULT	27-00	27-0BSV
F/CTL FLAP TIP BRK FAULT		27-ECAM
F/CTL FLAPS FAULT		27-ECAM
F/CTL FLAPS LOCKED		27-ECAM
F/CTL FLAPS LOCKED		27-0BSV
F/CTL GND SPLR FAULT	27-00	27-ECAM
F/CTL GND SPLR 1+2 FAULT	27-00	27-ECAM
F/CTL GND SPLR 3+4 FAULT	27-00	27-ECAM
F/CTL IR DISAGREE	27-00	27-ECAM
 F/CTL L AIL FAULT		27-ECAM
F/CTL L ELEV FAULT		27-ECAM
F/CTL L SIDESTICK FAULT		27-ECAM
 F/CTL L+R ELEV FAULT	27-00	27-ECAM
F/CTL R AIL FAULT		27-ECAM
F/CTL R ELEV FAULT		27-ECAM
F/CTL R SIDESTICK FAULT		27-ECAM
F/CTL SEC 1 FAULT		27-ECAM
F/CTL SEC 2 FAULT		27-ECAM
F/CTL SEC 3 FAULT		27-ECAM
CTL SIDESTICK PRIORITY		27-ECAM
F/CTL SLAT SYS 1 FAULT		27-ECAM
F/CTL SLAT SYS 1 FAULT		27-0BSV
F/CTL SLAT SYS 2 FAULT		27-ECAM
F/CTL SLAT SYS 2 FAULT		27-0BSV
F/CTL SLAT TIP BRK FAULT		27-ECAM
F/CTL SLATS FAULT		27-ECAM
F/CTL SLATS LOCKED		27-ECAM
F/CTL SLATS LOCKED		27-0BSV

EFF: ALL

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**I-ECAM** 

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## **@A319/A320/A321**

### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	TSM ATA CH-PB101
F/CTL SPD BRK DISAGREE		 27-ECAM
F/CTL SPD BRK FAULT		27-ECAM
F/CTL SPD BRK STILL OUT		27-ECAM
F/CTL SPD BRK 2 FAULT		27-ECAM
F/CTL SPD BRK 3+4 FAULT		27-ECAM
F/CTL SPLR FAULT		27-ECAM
F/CTL STABILIZER JAM		27-ECAM
FUEL ACT PUMP LO PR		28-ECAM
FUEL ACT PUMP LO PR		28-LOCAL
FUEL ACT XFR FAULT		28-ECAM
FUEL ACT XFR FAULT		28-LOCAL
FUEL APU LP VALVE FAULT		28-ECAM
FUEL AUTO FEED FAULT		28-ECAM
FUEL AUTO FEED FAULT		28-LOCAL
FUEL AUTO FEED FAULT		28-0BSV
FUEL AUTO TRANSFER FAULT		28-663V 28-ECAM
FUEL AUTO TRANSFER FAULT		28-LOCAL
FUEL CTR TK PUMP 1 LO PR		28-ECAM
FUEL CTR TK PUMP 1 LO PR		28-LOCAL
FUEL CTR TK PUMP 1 LO PR		28-ECAM
FUEL CTR TK PUMP 2 LO PR		28-LOCAL
FUEL CTR TK PUMP 2 LO PR		
		28-ECAM
TUEL CTR TK PUMPS LO PR		28-LOCAL
TUEL CTR TK PUMPS OFF		28-ECAM
TUEL CTR TK PUMPS OFF		28-LOCAL
CUEL CTR TK XFR OFF		28-ECAM
CUEL CTR TK XFR OFF		28-LOCAL
TUEL ENG 1 LP VALVE OPEN		28-ECAM
UEL ENG 2 LP VALVE OPEN		28-ECAM
UEL F.USED/FOB DISAGREE		28-ECAM
TUEL FQI CH 1 FAULT		28-ECAM
UEL FQI CH 2 FAULT		28-ECAM
UEL L INNER TK HI TEMP		28-ECAM
UEL L INNER TK LO TEMP		28-ECAM
UEL L OUTER TK HI TEMP		28-ECAM
<u>UEL</u> L OUTER TK LO TEMP		28-ECAM
<u>UEL</u> L TK PUMP 1 LO PR		28-ECAM
UEL L TK PUMP 1 LO PR		28-LOCAL
<u>UEL</u> L TK PUMP 1+2 LO PR		28-ECAM
UEL L TK PUMP 1+2 LO PR		28-LOCAL
UEL L TK PUMP 1+2 LO PR		28-0BSV
<u>UEL</u> L TK PUMP 2 LO PR		28-ECAM
FUEL L TK PUMP 2 LO PR		28-LOCAL
<u>UEL</u> L WING TK HI TEMP		28-ECAM
FUEL L WING TK LO LVL		28-ECAM
UEL L WING TK LO TEMP		28-ECAM
 FUEL L WING TK OVERFLOW	28-00	28-ECAM

EFF: ALL

**I-ECAM** 

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### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA	TSM ATA
	CH/SE	CH-PB101
FUEL L WING TK OVERFLOW	 _ 28-NN	28-LOCAL
FUEL L XFR VALVE CLOSED		28-ECAM
FUEL L XFR VALVE CLOSED		28-0BSV
FUEL L XFR VALVE FAULT		28-ECAM
FUEL L XFR VALVE FAULT		28-LOCAL
FUEL L XFR VALVE FAULT		28-0BSV
FUEL L XFR VALVE OPEN		28-ECAM
FUEL L+R WING TK LO LVL		28-ECAM
FUEL R INNER TK HI TEMP		28-ECAM
FUEL R INNER TK LO TEMP		28-ECAM
FUEL R OUTER TK HI TEMP		28-ECAM
FUEL R OUTER TK LO TEMP		28-ECAM
FUEL R TK PUMP 1 LO PR		28-ECAM
FUEL R TK PUMP 1 LO PR	. 28-00	28-LOCAL
FUEL R TK PUMP 1+2 LO PR	. 28-00	28-ECAM
FUEL R TK PUMP 1+2 LO PR	. 28-00	28-LOCAL
FUEL R TK PUMP 1+2 LO PR	. 28-00	28-0BSV
FUEL R TK PUMP 2 LO PR	. 28-00	28-ECAM
FUEL R TK PUMP 2 LO PR	. 28-00	28-LOCAL
FUEL R WING TK HI TEMP	. 28-00	28-ECAM
FUEL R WING TK LO LVL	. 28-00	28-ECAM
FUEL R WING TK LO TEMP	. 28-00	28-ECAM
FUEL R WING TK OVERFLOW	. 28-00	28-ECAM
FUEL R WING TK OVERFLOW	. 28-00	28-LOCAL
FUEL R XFR VALVE CLOSED	28-00	28-ECAM
FUEL R XFR VALVE CLOSED	28-00	28-0BSV
FUEL R XFR VALVE FAULT		28-ECAM
FUEL R XFR VALVE FAULT		28-LOCAL
FUEL R XFR VALVE FAULT		28-0BSV
FUEL R XFR VALVE OPEN		28-ECAM
FUEL X FEED VALVE FAULT		28-ECAM
FUEL X FEED VALVE FAULT		28-LOCAL
FUEL X FEED VALVE FAULT		28-0BSV
FUEL XFR VALVES FAULT		28-ECAM
FUEL XFR VALVES FAULT		28-LOCAL
FUEL XFR VALVES FAULT		28-0BSV
FWS FWC 1 FAULT		24-0BSV
FWS FWC 1 FAULT		31-ECAM
FWS FWC 2 FAULT		31-ECAM
FWS OEB/FWC DISCREPANCY		31-ECAM
FWS SDAC 1 FAULT		31-ECAM
FWS SDAC 1+2 FAULT		31-ECAM
FWS SDAC 2 FAULT		31-ECAM
HYD B ELEC PUMP LO PR		29-ECAM
HYD B ELEC PUMP OVHT		29-ECAM
HYD B RSVR LO AIR PR		29-ECAM
HYD B RSVR LO LVL	<b>.</b> 27-UU	29-ECAM

EFF: ALL

**I-ECAM** 

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### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	TSM ATA
		29-ECAM
HYD B SYS LO PR		29-ECAM
YD B+Y SYS LO PR		29-ECAM
YD G ENG 1 PUMP LO PR		29-ECAM
YD G RSVR LO AIR PR		29-ECAM
YD G RSVR LO LVL		29-ECAM
YD G RSVR LU LVLYD G RSVR OVHT		29-ECAM
<b></b>		29-ECAM
		29-ECAM
YD G+B SYS LO PR		_
YD G+Y SYS LO PR		29-ECAM
YD PTU FAULT		29-ECAM
RAT FAULT		29-ECAM
YD Y ELEC PUMP LO PR		29-ECAM
D Y ELEC PUMP OVHT		29-ECAM
D Y ENG 2 PUMP LO PR		29-ECAM
<u>D</u> Y RSVR LO AIR PR		29-ECAM
<u>(D</u> Y RSVR LO LVL		29-ECAM
<u>D</u> Y RSVR OVHT		29-ECAM
<u>(D</u> Y SYS LO PR		29-ECAM
'D Y SYS LO PR	29-00	29-0BSV
G DOORS NOT CLOSED	32-00	32-ECAM
G DOORS NOT CLOSED	32-00	32-LOCAL
G DOORS NOT CLOSED	32-00	32-0BSV
 'G GEAR NOT DOWN	32-00	32-ECAM
 'G GEAR NOT DOWNLOCKED	32-00	32-ECAM
 'G GEAR NOT UPLOCKED	32-00	32-ECAM
 'G GEAR NOT UPLOCKED	32-00	32-0BSV
 'G GEAR UPLOCK FAULT	32-00	32-ECAM
G LGCIU 1 FAULT		27-ECAM
G LGCIU 1 FAULT		32-ECAM
G LGCIU 1 FAULT		32-0BSV
G LGCIU 2 FAULT		27-ECAM
G LGCIU 2 FAULT		32-ECAM
G LGCIU 2 FAULT		32-0BSV
G SHOCK ABSORBER FAULT		22-ECAM
G SHOCK ABSORBER FAULT		32-0BSV
G SYS DISAGREE		32-ECAM
G SYS DISAGREE		32-LOCAL
G SYS DISAGREE		32-LUCAL
NV ADR DISAGREE		34-ECAM
AV ADR 1 FAULT		27-ECAM
<b></b>		_
AV ADR 1 FAULT		34-ECAM
AV ADR 1 FAULT		34-EFIS
AV ADR 1+2 FAULT		27-ECAM
AV ADR 1+2 FAULT		34-ECAM
AV ADR 1+3 FAULT		27-ECAM
AV ADR 1+3 FAULT	34-00	34-ECAM

EFF: ALL

I-ECAM

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## **@A319/A320/A321**

### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	TSM ATA CH-PB101
		 34-ECAM
 NAV ADR 2 FAULT	34-00	34-EFIS
IAV ADR 2+3 FAULT		27-ECAM
IAV ADR 2+3 FAULT		34-ECAM
IAV ADR 3 FAULT		34-ECAM
IAV ADR 3 FAULT		34-EFIS
AV ALTI DISCREPANCY		34-ECAM
AV ATT DISCREPANCY		34-ECAM
AV FM/GPS POS DISAGREE	34-58	34-ECAM
AV GPS 1 FAULT		34-ECAM
AV GPS 1 FAULT		34-EFIS
AV GPS 2 FAULT		34-ECAM
AV GPS 2 FAULT		34-EFIS
AV GPWS FAULT		34-ECAM
AV GPWS TERR DET FAULT		34-ECAM
AV GPWS TERR DET FAULT		34-EFIS
AV HDG DISCREPANCY		34-ECAM
AV ILS 1 FAULT		34-ECAM
AV ILS 2 FAULT		34-ECAM
AV IR 1 FAULT		34-ECAM
AV IR 1+2 FAULT		27-ECAM
AV IR 1+2 FAULT		34-ECAM
AV IR 1+3 FAULT		27-ECAM
AV IR 1+3 FAULT		34-ECAM
AV IR 2 FAULT		34-ECAM
AV IR 2+3 FAULT		27-ECAM
AV IR 2+3 FAULT		34-ECAM
AV IR 3 FAULT		34-ECAM
AV LS 1 FAULT		34-ECAM
AV LS 2 FAULT		34-ECAM
AV MMR 1 FAULT		34-ECAM
AV MMR 1 FAULT		34-ECAM
AV MMR 2 FAULT		34-063V 34-ECAM
AV MMR 2 FAULT		34-ECAM 34-0BSV
AV PRED W/S DET FAULT		34-065V 34-ECAM
<b></b>		
AV PRED W/S DET FAULT		34-EFIS
AV RA 1 FAULT		34-ECAM
AV RA 2 FAULT		34-ECAM
AV TCAS FAULT		34-ECAM
AV TCAS FAULT		34-EFIS
AV TCAS FAULT		34-0BSV
VER SPEED - VFE		34-ECAM
<u>VER_SPEED</u> - VFE185		34-ECAM
VER SPEED - VFE		34-ECAM
<u>VER_SPEED</u> - VFE195		34-ECAM
VER SPEED - VFE200		34-ECAM
VER SPEED - VFE215	34-00	34-ECAM

EFF: ALL

**I-ECAM** 

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### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA Ch/Se	TSM ATA CH-PB101
OVER SPEED - VFE	34-NN	 34-ecam
OVER SPEED - VLE280/.67		34-ECAM
OVER SPEED - VMO/MMO235/.60		34-ECAM
OVER SPEED - VMO/MMO350/.82		34-ECAM
RECORDER DFDR FAULT		31-ECAM
RECORDER FDIU FAULT		31-ECAM
SMOKE AFT CARGO SMOKE		26-ECAM
SMOKE AFT CARGO SMOKE		26-0BSV
SMOKE AFT CARGO SMOKE		26-063V 26-ECAM
SMOKE AFT CRG DET FAULT		
		26-ECAM
SMOKE FWD CARGO SMOKE		26-ECAM
SMOKE FWD CARGO SMOKE		26-0BSV
SMOKE FWD CRG BTL FAULT		26-ECAM
SMOKE FWD CRG DET FAULT		26-ECAM
SMOKE LAV+CRG DET FAULT		26-ECAM
SMOKE LAVATORY DET FAULT		26-ECAM
<u>SMOKE</u> LAVATORY DET FAULT		26-0BSV
<u>SMOKE</u> LAVATORY SMOKE		26-ECAM
<u>SMOKE</u> LAVATORY SMOKE		26-0BSV
<u>/ENT</u> AVNCS SYS FAULT	_	21-ECAM
/ENT BLOWER FAULT	21-26	21-ECAM
/ENT EXTRACT FAULT	21-26	21-ECAM
VENT GND COOL FAULT	21-27	21-ECAM
VENT SKIN VALVE FAULT	21-26	21-ECAM
 WHEEL HYD SEL FAULT	32-00	32-ECAM
 WHEEL N.W STEER FAULT	32-00	32-ECAM
 WHEEL N/W STRG FAULT	32-00	32-ECAM
WINDSHEAR DET FAULT	22-00	22-ECAM
WING A.ICE L HI PR		30-ECAM
WING A.ICE L VALVE OPEN		30-ECAM
WING A.ICE OPEN ON GND		30-ECAM
WING A.ICE R HI PR		30-ECAM
WING ALICE R VALVE OPEN		30-ECAM
WING A.ICE SYS FAULT		30-ECAM
STS-Inop System		
A/THR	22-00	22-ECAM
ACARS		23-ECAM
ACT XFR		28-ECAM
ACT XFR		28-LOCAL
ADR 1		34-ECAM
ADR 2		34-ECAM
ADR 3		34-ECAM
AFT CRG DET		26-ECAM
AP 1		20-ECAM
AP 1+2	= =	22-ECAM
MF	22-00	ZZ-EUAM
	I-ECAM	
EFF: ALL		Page

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### TROUBLE SHOOTING MANUAL

CAM	PFR ATA CH/SE	TSM ATA CH-PB101
P 2		
		22-ECAM
PU		49-ECAM
AT 2		22-ECAM
AT 3		22-ECAM
AT 3 DUAL		22-ECAM
AT 3 DUAL		27-ECAM
TR TK L XFR		28-ECAM
TR TK L XFR		28-LOCAL
TR TK L XFR		28-0BSV
TR TK PUMPS		28-ECAM
TR TK PUMPS	_ 28-00	28-LOCAL
TR TK PUMP1	28-00	28-ECAM
TR TK PUMP1	. 28-00	28-LOCAL
TR TK PUMP2	. 28-00	28-ECAM
TR TK PUMP2	. 28-00	28-LOCAL
TR TK R XFR	. 28-00	28-ECAM
TR TK R XFR	. 28-00	28-LOCAL
TR TK R XFR		28-0BSV
TR TK XFR		28-ECAM
TR TK XFR		28-LOCAL
NG 1 BLEED		36-ECAM
NG 1 BLEED		36-LOCAL
NG 2 BLEED		36-ECAM
NG 2 BLEED		36-LOCAL
NG Z BLEED		31-ECAM
		27-ECAM
LAPS		_
LAPS		27-0BSV
UEL PUMPS		28-ECAM
UEL X FEED		28-ECAM
UEL X FEED		28-LOCAL
UEL X FEED		28-0BSV
WD CRG DET		26-ECAM
ALY/CAB	. 24-00	24-ECAM
CELL VALVE	0 00	28-ECAM
TK PUMP 1	28-00	28-ECAM
TK PUMP 1	. 28-00	28-LOCAL
TK PUMP 2	. 28-00	28-ECAM
TK PUMP 2	. 28-00	28-LOCAL
TK PUMPS	. 28-00	28-ECAM
TK PUMPS		28-LOCAL
TK PUMPS		28-0BSV
/G DOOR		32-ECAM
/G DOOR		32-LOCAL
/G DOOR		32-0BSV
/G RETRACT		32-063V
AV DET		26-ECAM
MY VEI	. 20-00	ZO-ECAM

EFF: ALL
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**I-ECAM** 

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### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	TSM ATA
 LGCIU 1		32-LOCAL
GCIU 2		32-ECAM
GCIU 2		32-LOCAL
PACK 1		21-ECAM
ACK 2		21-ECAM
CELL VALVE		28-ECAM
TK PUMP 1		28-ECAM
		28-LOCAL
R TK PUMP 1		
TK PUMP 2		28-ECAM
TK PUMP 2		28-LOCAL
TK PUMPS		28-ECAM
TK PUMPS		28-LOCAL
TK PUMPS		28-0BSV
A 1+2		27-ECAM
A 1+2		34-ECAM
ECORDER SYS		31-ECAM
DCU	26-00	26-ECAM
LATS	27-00	27-ECAM
LATS	27-00	27-0BSV
MOKE DET	26-00	26-ECAM
TS-Maintenance		
AC GEN	24-00	24-ECAM
CMS	31-00	31-ECAM
DR	34-00	27-ECAM
DR	34-00	34-ECAM
DR 1		34-ECAM
DR 2		34-ECAM
DR 3		34-ECAM
FT CRG HEAT		21-ECAM
IR BLEED		36-ECAM
IR BLEED		36-LOCAL
PU		49-ECAM
FDIU		31-ECAM
IDS 1		23-ECAM
IDS 2		23-ECAM
		31-ECAM
AR		
C BUS TIE		24-ECAM
MC 1/3		31-ECAM
MC 2/3		31-ECAM
MU		31-ECAM
NG EVMU		77-ECAM
NG 1 EIU		77-ECAM
NG 1 FADEC		77-ECAM
NG 2 EIU		77-ECAM
NG 2 FADEC		77-ECAM

EFF: ALL
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**I-ECAM** 

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### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	TSM ATA CH-PB101
	27-NN	 22-ecam
F/CTL		27-ECAM
CTL		27-ECAM 27-0BSV
·/CTL		
, -		32-ECAM
C/CTL		34-EFIS 24-ECAM
GALLEY		
PCU		24-ECAM
CE DETECT		30-ECAM
R		34-ECAM
R		34-LOCAL
ACK 1	_	21-ECAM
ACK 2	_	21-ECAM
AR		31-ECAM
DCU		26-ECAM
FCS	27-00	27-ECAM
FCS	27-00	27-0BSV
MOKE	26-00	26-ECAM
ONE CONT	21-63	21-ECAM
MU No ECAM indication after audio switching F/O /3 GT - EGT of one engine is significantly higher than the		23-ECAM
ther engine		77-ECAM
IS Diagonal line on the UPPER ECAM DU		31-ECAM
IS Diagonal line on the UPPER ECAM DU		31-EFIS
IS Loss of the UPPER ECAM DU		31-ECAM
Indication		77-ECAM
after 5 mn		77-ECAM
selected ON		77-ECAM
alue)		77-ECAM
NG 1 - Idle speeds (minimum or approach) too high or too		77
OW		77-ECAM
NG 1 - Incorrect power after take off (N1 mismatch)		77-ECAM
NG 1 - Loss of the EGT indication (amber XX on upper CAM display)		

EFF: ALL

**I-ECAM** 

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### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	TSM ATA CH-PB101
ENG 1 - N1 actual is lower than N1 command		77-ECAM
ENG $1 - N1$ indication (actual) or $N1$ command fluctuation.	•	77-ECAM
ENG 1 - N1 indication lost amber XX on ECAM		77-ECAM
ENG 1 - N1 mismatch at climb		77-ECAM
ENG 1 - N1 mismatch at take off		77-ECAM
ENG 1 - N1 mismatch during flex take off		77-ECAM
ENG 1 - N1/N2 mismatch on the same engine		77-ECAM
ENG 1 - N2 decreases while EGT and FF stay stable		72-0BSV
ENG 1 - N2 decreases while EGT and FF stay stable	•	77-ECAM
ENG 1 - N2 higher than 15 per cent on ground or in flight		77-ECAM
ENG 1 - N2 indication lost amber XX on ECAM ENG 1 - T/R REV No REV indication with deployed position		77-ECAM
set	1	77-ECAM
ENG 1 - T/R REV REV indication remains amber	•	77-ECAM
ENG 1 FUEL - Fuel flow replaced by XX on the upper ECAM		77-ECAM
ENG 1 start - All engine 1 parameters are XX	•	77-ECAM
ENG 1 Starting - N1 rotor does not turn during start	•	77-ECAM
ENG 1 Starting - Slow start before light off sequence ENG 2 - "CHECK" message is shown near engine 2 EGT		77-ECAM
indication	ı	77-ECAM
indication		77-ECAM
indication		77-ECAM
ENG 2 - "CHECK" message is shown near engine 2 N2 indication		77-ECAM
ENG 2 - All parameters are not XX when engine 2 shut down		
after 5 mn	•	77-ECAM
selected ON	•	77-ECAM
value)	•	77-ECAM
low	•	77-ECAM
ENG 2 - Incorrect power after take off (N1 mismatch)	•	77-ECAM
ENG 2 - Loss of the EGT indication (amber XX on upper		
ECAM display)		77-ECAM
ENG 2 - N1 actual is lower than N1 command		77-ECAM
ENG $2$ - N1 indication (actual) or N1 command fluctuation .		77-ECAM
ENG 2 - N1 indication lost amber XX on ECAM		77-ECAM
ENG 2 - N1 mismatch at climb		77-ECAM
ENG 2 - N1 mismatch at take off		77-ECAM
ENG 2 - N1 mismatch during flex take off		77-ECAM
ENG 2 - N1/N2 mismatch on the same engine		77-ECAM
ENG 2 - N2 decreases while EGT and FF stay stable		72-0BSV
ENG 2 - N2 decreases while EGT and FF stay stable		77-ECAM
ENG 2 - N2 higher than 15 per cent on ground or in flight		77-ECAM

EFF: ALL I-ECAM

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### TROUBLE SHOOTING MANUAL

ECAM PFR ATA CH/SE	TSM ATA CH-PB101
ENG 2 - N2 indication lost amber XX on ECAM ENG 2 - T/R REV No REV indication with deployed position	77-ECAM
set	77-ECAM
ENG 2 - T/R REV REV indication remains amber	77-ECAM
ENG 2 FUEL - Fuel flow replaced by XX on the upper ECAM	77-ECAM
ENG 2 start - All engine 2 parameters are XX	77-ECAM
ENG 2 Starting - N1 rotor does not turn during start	77-ECAM
ENG 2 Starting - Slow start before light off sequence	77-ECAM
ESS TR fault warning does not appear	24-ECAM
F/CTL - FLAPS - FLAP is shown in amber	27-ECAM
F/CTL - FLAPS - FLAP is shown in amber	27-0BSV
F/CTL - FLAPS - FLAPS LOCKED is shown in amber	27-ECAM
F/CTL - SLATS - A-LOCK flashes in cyan on EWD	27-ECAM
FOB (fuel on board) half boxed amber, (fuel unusable ACTs)	28-ECAM
FOB (fuel on board) half boxed amber, (fuel unusable ACTs)	28-LOCAL
FOB (fuel on board) half boxed amber, (fuel unusable CTR	LO LOCAL
TK PUMPS)	28-ECAM
FOB (fuel on board) half boxed amber, (fuel unusable CTR	ZO LUAN
TK PUMPS)	28-LOCAL
FOB (fuel on board) half boxed amber, (fuel unusable MAIN	ZO LUCAL
(FR SYS)	28-ECAM
FOB (fuel on board) half boxed amber, (fuel unusable MAIN	ZO-ECAM
	28-LOCAL
(FR SYS) FUEL - INTERCELL XFR - FOB half boxed amber (fuel	ZO-LUCAL
unusable ICTVs)	28-ECAM
	ZO-ECAM
FUEL - INTERCELL XFR - FOB half boxed amber (fuel	29 ABCV
unusable ICTVs)	28-0BSV
FUEL - QTY INDICATING - FOB shows amber lines through	20 5044
last two numbers	28-ECAM
FUEL - QTY INDICATING - FOB shows amber lines through	22 2721
last two numbers	28-0BSV
FUEL - QTY INDICATING - FOB shows XX	28-ECAM
GMT - GMT indication replaced by amber crosses	31-ECAM
GMT - GMT indication replaced by amber crosses	31-0BSV
HYD - RAT OUT message shown on EWD (Memo)	29-ECAM
NW/S - NW STRG DISC memo in amb er displayed in flight	32-ECAM
NW/S- N/W STEER DISC memo not displayed in towing POS NW/S-DISC memo in amber with tow lever in NORM POS &	32-ECAM
engine(s) running	32-ECAM
NW/S-DISC memo in green with tow lever in NORM POS	32-ECAM
S-LOCKED indication is shown in amber	27-ECAM
SLAT indication is shown in amber	27-ECAM
SLAT indication is shown in amber	27-0BSV
FR1 fault warning does not appear	24-ECAM

EFF: ALL I-ECAM

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### TROUBLE SHOOTING MANUAL

ECAM 	PFR ATA CH/SE	TSM ATA CH-PB101
Lower ECAM DU Flags- BLEED		
Abnormal AIR ENG1 bleed temp shown in amber during BMC1		
testAbnormal AIR ENG2 bleed temp shown in amber during BMC2	-	36-ECAM
testAIR - COOLING EMERGENCY RAM AIR INLET - Symbol replaced	-	36-ECAM
by amber XX	•	21-ECAM
AIR - COOLING EMERGENCY RAM AIR INLET - Symbol shown		24
amber and open	-	21-ECAM
NIR - COOLING PACK 1 - FCV symbol replaced by amber XX NIR - COOLING PACK 1&2 - Flow indication replaced by		21-ECAM
mber XX		21-ECAM
<pre>IR - COOLING PACK 2 - FCV symbol replaced by amber XX IR - PACK CONT PACK 1 - Bypass valve indication replaced</pre>		21-ECAM
y amber XX	-	21-ECAM
by amber XX	-	21-ECAM
by amber XX	-	21-ECAM
by amber XX	-	21-ECAM
by amber XX	-	21-ECAM
AIR - PACK CONT PACK 2 - Comp outlet temp indic replaced by amber XX		21-ECAM
AIR - PACK CONT PACK 2 - Outlet temp indication replaced		
y amber XX	-	21-ECAM
y amber XX		21-ECAM
IR ENG 1 BLEED Temperature replaced by amber XX		36-ECAM
IR ENG 2 BLEED Temperature replaced by amber XX		36-ECAM
AIR ENG1 BLEED pressure replaced by amber XX		36-ECAM
IR ENG2 BLEED pressure replaced by amber XX	-	36-ECAM
in amber		36-ECAM
Bleed pressure regulator valve of ENG 1 indicated open in		36-ECAM
Bleed pressure regulator valve of ENG 1 replaced by amber	-	
(X	-	36-ECAM
Bleed pressure regulator valve of ENG 2 indicated closed		36-ECAM
in amber		JO-ECAM
amber		36-ECAM
Bleed pressure regulator valve of ENG 2 replaced by amber		
(X	-	36-ECAM

EFF: ALL I-ECAM

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### TROUBLE SHOOTING MANUAL

ECAM PFR ATA	
EIS Diagonal line on the LOWER ECAM DU	
EIS Diagonal line on the LOWER ECAM DU	31-EFIS
EIS Loss of the LOWER ECAM DU	31-ECAM
ENG BLEED AIR - Bleed pressure of ENG 1 replaced by amber	
XX	36-ECAM
ENG BLEED AIR - Bleed pressure of ENG 2 replaced by amber	
XX	36-ECAM
ENG BLEED AIR - Bleed temperature of ENG 1 replaced by	
amber XX	
ENG BLEED AIR - Bleed temperature of ENG 1 shown in amber	
ENG BLEED AIR - Bleed temperature of ENG 1 shown in amber	36-0BSV
ENG BLEED AIR - Bleed temperature of ENG 2 replaced by	
amber XX	
ENG BLEED AIR - Bleed temperature of ENG 2 shown in amber	
ENG BLEED AIR - Bleed temperature of ENG 2 shown in amber	
HP bleed valve of ENG 1 indicated closed in amber	
HP bleed valve of ENG 1 replaced by amber XX	
HP bleed valve of ENG 2 indicated closed in amber	
HP bleed valve of ENG 2 replaced by amber XX	36-ECAM
EIS Diagonal line on the LOWER ECAM DU	31-ECAM 31-EFIS 31-ECAM
Lower ECAM DU Flags- DOOR/OXY	
DOOR - AFT AVIONICS door indicator comes on amber on ECAM	
system page	52-ECAM
DOOR - AFT AVIONICS door indicator comes on amber on ECAM	F2
system page	52-0BSV
DOOR - FWD AVIONICS door indicator comes on amber on ECAM	52-ECAM
system page	JZ-ECAM
DOOR - FWD AVIONICS door indicator comes on amber on ECAM	52-0BSV
system page  DOOR - L AVIONICS door indicator comes on amber on ECAM	22-088V
	52-ECAM
system page  DOOR - L AVIONICS door indicator comes on amber on ECAM	JZ-ECAM
	52-0BSV
system page	72-083V
system page	52-ECAM
DOOR - R AVIONICS door indicator comes on amber on ECAM	JE-EUAN
system page	52-0BSV
DOOR-L AFT PAX/CREW door indication comes on amber	52-065V 52-ECAM
DOOR-I AFT PAY/CREW door indication comes on amber	5ノーハはぐい
DOOR-L AFT PAX/CREW door indication comes on amber  DOOR-L FWD PAX/CREW door indication comes on amber	52-0BSV 52-ecam

EFF: ALL

**I-ECAM** 

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### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	_
DOOR-L FWD PAX/CREW door indication comes on amber		52-0BSV
DOOR-R AFT PAX/CREW door indication comes on amber	•	52-ECAM
DOOR-R AFT PAX/CREW door indication comes on amber		52-0BSV
DOOR-R FWD PAX/CREW door indication comes on amber	•	52-ECAM
DOOR-R FWD PAX/CREW door indication comes on amber	•	52-0BSV
DOORS - LH AFT EMER EXIT Indication comes on in amber  DOORS - LH AFT EMER EXIT White SLIDE Indication is not		52-ECAM
shown		52-ECAM
DOORS - LH EMER EXITS White SLIDE indication is not shown		52-ECAM
DOORS - LH FWD EMER EXIT Indication comes on in amber  DOORS - LH FWD EMER EXIT White SLIDE indication is not		52-ECAM
shown	_	52-ECAM
DOORS - RH AFT EMER EXIT Indication comes on in amber		52-ECAM
DOORS - RH AFT EMER EXIT White SLIDE indication is not	•	JE EVAII
shown		52-ECAM
DOORS - RH EMER EXITS White SLIDE indication is not shown		52-ECAM
DOORS - RH FWD EMER EXIT Indication comes on in amber		52-ECAM
DOORS - RH FWD EMER EXIT White SLIDE indication is not	•	J
shown		52-ECAM
EIS Diagonal line on the LOWER ECAM DU		31-ECAM
EIS Diagonal line on the LOWER ECAM DU		31-EFIS
EIS Loss of the LOWER ECAM DU		31-ECAM
OXY CREW - OXY in amber with P/B SW pushed (off legend		
comes on)	•	35-ECAM
OXY CREW - OXY in white with P/B SW pushed (off legend		
goes off)		35-ECAM
OXY CREW - OXY pressure between 401 and 1499 PSI half		
rectangular amber		35-ECAM
OXY CREW - OXY, oxygen PRESS<400 PSI and half rectangular		
in amber		35-ECAM
OXY CREW - oxygen PRESS IND replaced by amber crosses		35-ECAM
Lower ECAM DU Flags- ENGINE		
EIS Diagonal line on the LOWER ECAM DU		31-ECAM
EIS Diagonal line on the LOWER ECAM DU		31-EFIS
EIS Loss of the LOWER ECAM DU		31-ECAM
ENG - N1 and N2 VIB indications replaced by amber XX on		
both engines		77-ECAM
${\bf ENG}$ - ${\bf N1}$ or ${\bf N2}$ ${\bf VIB}$ indication replaced by amber XX on one		
engine	ı	77-ECAM
${f ENG}$ - ${f N1}$ vibration indication replaced by amber XX on one		
engine		77-ECAM
engine	ı	77-ECAM
than 6 units		77-ECAM

EFF: ALL I-ECAM

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### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	TSM ATA CH-PB101
ENG 1 - FAN VIB higher than or equal to 6 units and lower		
than 8 units		77-ECAM
ENG 1 - FAN VIB higher than or equal to 8 units	•	77-ECAM
ENG 1 - FAN VIB less than 4 units with noise/ rumble (1		
unit = 1 mils)		77-ECAM
ENG 1 - N1 VIB higher than 2 units and lower than 4 units		77-ECAM
ENG 1 - N1 VIB higher than 2 units and lower than 4 units		77-0BSV
ENG 1 - N2 VIB higher than 1.3 units and lower than 4.2		
units	•	77-ECAM
ENG 1 FUEL - F. FILTER CLOG		77-ECAM
ENG 1 FUEL - Fuel used replaced by XX on the lower ECAM .		77-ECAM
ENG 1 OIL - Oil pressure lower than other engine		77-ECAM
ENG 1 Starting - Starter shut off valve does not open in		_
automatic mode	_	77-ECAM
ENG 2 - FAN VIB higher than or equal to 4 units and less		
than 6 units	_	77-ECAM
ENG 2 - FAN VIB higher than or equal to 6 units and lower	_	
than 8 units	_	77-ECAM
NG 2 - FAN VIB higher than or equal to 8 units		77-ECAM
ENG 2 - FAN VIB less than 4 units with noise/ rumble (1	•	II LUAN
unit = 1 mils)		77-ECAM
NG 2 - N1 VIB higher than 2 units and lower than 4 units		77-ECAM
ENG 2 - N1 VIB higher than 2 units and lower than 4 units		77-0BSV
iNG 2 - NI VIB higher than 1.3 units and lower than 4.2		11-0034
ınits		77-ECAM
NG 2 FUEL - F. FILTER CLOG		77-ECAM
NG 2 FUEL - Fuel used replaced by XX on the lower ECAM .		77-ECAM
NG 2 OIL - Oil pressure lower than other engine		77-ECAM
NG 2 Starting - Starter shut off valve does not open in		
automatic mode	_	77-ECAM
OIL ENG 1 - Amber XX instead of the oil quantity	-	
Indication	_	77-ECAM
OIL ENG 1 - Amber XX instead of the oil TEMP indication .		77-ECAM
OIL ENG 1 - High oil consumption		77-ECAM
OIL ENG 1 - Loss of the oil pressure indication (amber XX	-	II LOAII
on ECAM)		77-ECAM
OIL ENG 1 - Oil filter clog		77-ECAM
OIL ENG 1 - Oil PRESS indication flashes green on ENG 1.		77-ECAM
OIL ENG 1 - Oil pressure higher than the other engine		77-ECAM
OIL ENG 1 - Oil quantity fluctuation		77-ECAM
OIL ENG 1 - Oil quantity indication higher than on engine		77-ECAM
		77 ECAM
OTL ENG 1-0:1 quantity decreases factor than the other	•	77-ECAM
OIL ENG 1-0il quantity decreases faster than the other		77 FC49
engine	-	77-ECAM
OIL ENG 2 - Amber XX instead of the oil quantity		77
indication		77-ECAM
DIL ENG 2 - Amber XX instead of the oil TEMP indication .	•	77-ECAM

EFF: ALL I-ECAM

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### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	TSM ATA CH-PB101
OIL ENG 2 - High oil consumption		77-ECAM
on ECAM)		77-ECAM
OIL ENG 2 - Oil filter clog		77-ECAM
OIL ENG 2 - Oil PRESS indication flashes green on ENG 2		77-ECAM
OIL ENG 2 - Oil pressure higher than the other engine		77-ECAM
OIL ENG 2 - Oil quantity fluctuation		77-ECAM
OIL ENG 2 - Oil quantity indication higher than on engine		
1		77-ECAM
OIL ENG 2-Oil quantity decreases faster than the other		
engine		77-ECAM
Lower ECAM DU Flags- F/CTL		
AFS-Rudder Trim Position not available: XX comes into		
view amber		22-ECAM
EIS Diagonal line on the LOWER ECAM DU		31-ECAM
EIS Diagonal line on the LOWER ECAM DU		31-EFIS
EIS Loss of the LOWER ECAM DU		31-ECAM
ELEVATOR - Elevator position indications oscillate		27-ECAM
ELEVATOR - Elevator position indications oscillate		27-0BSV
F/CTL - Loss of page automatic call during Check List		27-ECAM
Lower ECAM DU Flags- STATUS		
EIS Diagonal line on the LOWER ECAM DU		31-ECAM
EIS Diagonal line on the LOWER ECAM DU		31-EFIS
EIS Loss of the LOWER ECAM DU		31-ECAM
Lower ECAM DU Flags- WHEEL		
BRAKE Difference of the average temperature between L and		
R gears		32-ECAM
		32-ECAM
a same gear		
BRAKE XX Indication comes on amber (WHEELS)		32-ECAM
BRAKE XX Indication comes on amber (WHEEL 1 and 2)  BRAKE XX Indication comes on amber (WHEEL 1)		32-ECAM
BRAKE XX Indication comes on amber (WHEEL 1)		32-ECAM
		32-ECAM
BRAKE XX Indication comes on amber (WHEEL 3 and 4)		32-ECAM
BRAKE XX Indication comes on amber (WHEEL 3)		32-ECAM
BRAKE XX Indication comes on amber (WHEEL 4)		32-ECAM
EIS Diagonal line on the LOWER ECAM DU		31-ECAM
EIS Diagonal line on the LOWER ECAM DU		31-EFIS
EIS Loss of the LOWER ECAM DU		31-ECAM
L/G - EXT/RETRACTION - UPLOCK shown in amber for the L MLG		32-ECAM
L/G - EXT/RETRACTION - UPLOCK shown in amber for the NLG .		32-ECAM

EFF: ALL I-ECAM

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### TROUBLE SHOOTING MANUAL

	PFR ATA CH/SE	TSM ATA CH-PB101
L/G - EXT/RETRACTION - UPLOCK shown in amber for the R MLG		32-ECAM
L/G - EXTN/RETRN - MLG L UPLOCK shown in amber		32-ECAM
L/G - EXTN/RETRN - MLG L XX shown in amber		32-ECAM
L/G - EXTN/RETRN - MLG R UPLOCK shown in amber		32-ECAM
L/G - EXTN/RETRN - MLG R XX shown in amber		32-ECAM
L/G - EXTN/RETRN - NLG UPLOCK shown in amber		32-ECAM
L/G - EXTN/RETRN - NLG XX shown in amber		32-ECAM
WHEEL Brake 1 detected cold in norm braking		32-ECAM
WHEEL Brake 2 detected cold in norm braking		32-ECAM
WHEEL Brake 3 detected cold in norm braking		32-ECAM
WHEEL Brake 4 detected cold in norm braking		32-ECAM
Lower ECAM DU Flags-APU		
APU BLEED PRESSURE indication replaced by amber XX		49-ECAM
APU BLEED PRESSURE intense pressure fluctuation		49-ECAM
APU BLEED VALVE indication replaced by amber XX		49-ECAM
APU EGT indication replaced by amber XX		49-ECAM
APU GEN FREQUENCY indication replaced by amber XX		49-ECAM
APU GEN LOAD indication replaced by amber XX		49-ECAM
APU GEN VOLTAGE indication replaced by amber XX		49-ECAM
APU SPEED (N) indication replaced by amber XX		49-ECAM
EIS Diagonal line on the LOWER ECAM DU		31-ECAM
EIS Diagonal line on the LOWER ECAM DU		31-EFIS
EIS Loss of the LOWER ECAM DU		31-ECAM
Lower ECAM DU Flags-CAB PRESS		
AIR - PRESS SAFETY VALVES - SAFETY shows amber		21-ECAM
AIR - PRESS SAFETY VALVES - SAFETY shows amber EIS Diagonal line on the LOWER ECAM DU		21-ECAM 31-ECAM
EIS Diagonal line on the LOWER ECAM DU		31-ECAM
EIS Diagonal line on the LOWER ECAM DUEIS Diagonal line on the LOWER ECAM DU		31-ECAM 31-EFIS
EIS Diagonal line on the LOWER ECAM DU		31-ECAM 31-EFIS
EIS Diagonal line on the LOWER ECAM DU		31-ECAM 31-EFIS 31-ECAM
EIS Diagonal line on the LOWER ECAM DU		31-ECAM 31-EFIS
EIS Diagonal line on the LOWER ECAM DU		31-ECAM 31-EFIS 31-ECAM
EIS Diagonal line on the LOWER ECAM DU  EIS Diagonal line on the LOWER ECAM DU  EIS Loss of the LOWER ECAM DU  Lower ECAM DU Flags-COND  AIR - CAB TEMP AFT - Duct temp. indication replaced by amber XX  AIR - CAB TEMP AFT - Zone TAV indication replaced by amber XX		31-ECAM 31-EFIS 31-ECAM
EIS Diagonal line on the LOWER ECAM DU		31-ECAM 31-EFIS 31-ECAM
EIS Diagonal line on the LOWER ECAM DU		31-ECAM 31-EFIS 31-ECAM 21-ECAM
EIS Diagonal line on the LOWER ECAM DU		31-ECAM 31-EFIS 31-ECAM 21-ECAM
EIS Diagonal line on the LOWER ECAM DU  EIS Diagonal line on the LOWER ECAM DU  EIS Loss of the LOWER ECAM DU  Lower ECAM DU Flags-COND  AIR - CAB TEMP AFT - Duct temp. indication replaced by amber XX  AIR - CAB TEMP AFT - Zone TAV indication replaced by amber XX  AIR - CAB TEMP AFT - Zone TAV indication replaced by amber XX  AIR - CAB TEMP AFT - Zone TAV indication replaced by amber XX  AIR - CAB TEMP AFT - Zone temp. indication replaced by		31-ECAM 31-EFIS 31-ECAM 21-ECAM 21-ECAM 21-OBSV
EIS Diagonal line on the LOWER ECAM DU  EIS Diagonal line on the LOWER ECAM DU  EIS Loss of the LOWER ECAM DU  Lower ECAM DU Flags-COND  AIR - CAB TEMP AFT - Duct temp. indication replaced by amber XX  AIR - CAB TEMP AFT - Zone TAV indication replaced by amber XX  AIR - CAB TEMP AFT - Zone TAV indication replaced by amber XX  AIR - CAB TEMP AFT - Zone TAV indication replaced by amber XX  AIR - CAB TEMP AFT - Zone temp. indication replaced by amber XX		31-ECAM 31-EFIS 31-ECAM 21-ECAM 21-ECAM 21-OBSV
EIS Diagonal line on the LOWER ECAM DU  EIS Diagonal line on the LOWER ECAM DU  Lower ECAM DU Flags-COND  AIR - CAB TEMP AFT - Duct temp. indication replaced by amber XX  AIR - CAB TEMP AFT - Zone TAV indication replaced by amber XX  AIR - CAB TEMP AFT - Zone TAV indication replaced by amber XX  AIR - CAB TEMP AFT - Zone TAV indication replaced by amber XX  AIR - CAB TEMP AFT - Zone temp. indication replaced by amber XX  AIR - CAB TEMP AFT - Zone temp. indication replaced by amber XX		31-ECAM 31-EFIS 31-ECAM 21-ECAM 21-ECAM 21-OBSV 21-ECAM

EFF: ALL I-ECAM

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### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	TSM ATA CH-PB101
AIR - CAB TEMP CKPT - Zone TAV indication replaced by		_
amber XX	-	21-0BSV
AIR - CAB TEMP CKPT - Zone temp. indication replaced by amber XX		21-ECAM
AIR - CAB TEMP FWD - Duct temp. indication replaced by	•	ZI LUAN
amber XX		21-ECAM
AIR - CAB TEMP FWD - Zone TAV indication replaced by		
amber XX	•	21-ECAM
AIR - CAB TEMP FWD - Zone TAV indication replaced by		24 0004
amber XXAIR - CAB TEMP FWD - Zone temp. indication replaced by	-	21-0BSV
amber XX	_	21-ECAM
AIR - CRG HTNG AFT - TAPRV indictn clsd/green if higher	-	
temp. selected	-	21-ECAM
EIS Diagonal line on the LOWER ECAM DU		31-ECAM
EIS Diagonal line on the LOWER ECAM DU		31-EFIS
EIS Loss of the LOWER ECAM DU	•	31-ECAM
Lower ECAM DU Flags-ELEC		
amber DISC IDG2 INDG does not come into view		24-ECAM
amber DISC IDG2 INDG does not come into view	-	24-LOCAL
amber DISC IDG2 INDG does not come into view	-	24-0BSV
APU GEN - VAC indication shown in amber or replaced by		04 -044
amber XXAPU GEN box - Electrical parameters are incomplete		24-ECAM 24-ECAM
APU GEN BOX - Electrical parameters are incomplete  APU GEN- FREQ indication shown in amber or replaced by	-	24-ECAM
amber XX	_	24-ECAM
APU GEN- Load indication shown in amber or replaced by	-	
amber XX	-	24-ECAM
BAT1 - voltage below 25.5V		24-ECAM
BAT1 - voltage indication in amber or replaced by amber X		24-ECAM
		24-ECAM
BAT1 and BAT2 - voltage indication in amber		2/ 2721/
BAT1 and BAT2 - voltage indication in amber		24-0BSV
BAT1 and BAT2 - voltage indication in amberBAT1 and BAT2 - voltage indication in amberBAT1-Voltage indication discrepancy between ECAM and	•	
BAT1 and BAT2 - voltage indication in amber		24-ECAM
BAT1 and BAT2 - voltage indication in amber		24-ECAM 24-ECAM
BAT1 and BAT2 - voltage indication in amber	- - x	24-ECAM
BAT1 and BAT2 - voltage indication in amber	- - - x	24-ECAM 24-ECAM 24-ECAM 24-ECAM
BAT1 and BAT2 - voltage indication in amber	- - x -	24-ECAM 24-ECAM 24-ECAM
BAT1 and BAT2 - voltage indication in amber	- - X -	24-ECAM 24-ECAM 24-ECAM 24-ECAM 24-ECAM
BAT1 and BAT2 - voltage indication in amber	- - X - -	24-ECAM 24-ECAM 24-ECAM 24-ECAM
BAT1 and BAT2 - voltage indication in amber	- - x - -	24-ECAM 24-ECAM 24-ECAM 24-ECAM 24-ECAM
BAT1 and BAT2 - voltage indication in amber	- - x - -	24-ECAM 24-ECAM 24-ECAM 24-ECAM 24-ECAM

EFF: ALL I-ECAM

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### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	TSM ATA CH-PB101
DC GEN - BAT1 to DC BAT arrow does not come into view		24-ECAM
DC GEN - BAT2 box: OFF on when BAT2 P/BSW pushed		24-ECAM
DC GEN - BAT2 to DC BAT arrow does not come into view		24-ECAM
DC GEN - Loss of DC generation and distribution DC GEN - Loss of lines between the DC BUS 1, DC BAT BUS		24-ECAM
and DC BUS 2		24-ECAM
DC GEN - Loss of the line between DC BUS 2 and DC BAT BUS DC 1 and DC 2 boxes - Failure of DC BUS 1 and DC BUS 2		24-ECAM
energization		24-ECAM
BAT		24-ECAM
DC2 not energized by TR2 but energized by DC1 through DC		
BAT		24-ECAM
EIS Diagonal line on the LOWER ECAM DU		31-ECAM
EIS Diagonal line on the LOWER ECAM DU		31-EFIS
EIS Loss of the LOWER ECAM DU		31-ECAM
amber		24-ECAM
amber		24-0BSV
amber		24-ECAM
amber		24-0BSV
ELEC - No line between the APU GEN box and the AC1 box		24-ECAM
ELEC - No line between the APU GEN box and the AC1 box ELEC - On IDG1 box, the frequency parameter comes on in		24-0BSV
amber		24-ECAM
amber		24-ECAM
EMER GEN - Frequency indication shown in amber EMER GEN - Voltage and frequency indications replaced by		24-ECAM
amber XX		24-ECAM
EMER GEN - Voltage indication shown in amber		24-ECAM
EMER GEN electrical parameters replaced by amber 0		24-ECAM
ESS TR current indication replaced by amber XX		24-ECAM
ESS TR current indication shown in amber OA		24-ECAM
ESS TR voltage indication shown in amber OV EXT PWR - VAC indication shown in amber or replaced by		24-ECAM
amber XX		24-ECAM
amber XX		24-ECAM
GEN 1 - Frequency indication replaced by amber XX GEN 1 - Load indication shown in amber or replaced by		24-ECAM
amber XX		24-ECAM
amber XX		24-ECAM

EFF: ALL

**I-ECAM** 

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### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	TSM ATA CH-PB101
GEN 1 -Voltage, frequency and load indications replaced by		
amber XX	-	24-ECAM
GEN 2 - Frequency indication replaced by amber XX GEN 2 - Load indication shown in amber or replaced by	-	24-ECAM
amber XX	-	24-ECAM
amber XXGEN 2 -Voltage, frequency and load indications replaced by		24-ECAM
amber XX		24-ECAM
IDG1 - Amber DISC indication does not come into view		24-ECAM
DG1 - Amber DISC indication does not come into view		24-LOCAL
IDG1 - Amber DISC indication does not come into view		24-0BSV
DG1 - rise temp - indication replaced by amber XX		24-ECAM
DG1 - Temperature - indication replaced by amber XX		24-ECAM
DG2 - rise temp - indication replaced by amber XX		24-ECAM
DG2 - Temperature - indication replaced by amber XX		24-ECAM
STATIC INV - frequency indication shown in amber		24-ECAM
TATIC INV - Incorrect result of its operational test TATIC INV - voltage and frequency indications replaced		24-ECAM
y amber XX	_	24-ECAM
TATIC INV - voltage indication shown in amber		24-ECAM
R1 current indication replaced by amber XX		24-ECAM
R1 current indication shown in amber OA		24-ECAM
R1 voltage indication shown in amber OV		24-ECAM
R2 current indication replaced by amber XX		24-ECAM
R2 current indication shown in amber OA		24-ECAM
R2 voltage indication shown in amber OV		24-ECAM
ower ECAM DU Flags-FUEL		
enter tank FQI shown boxed (amber)		28-ECAM
Senter tank FQI shown boxed (amber)		28-LOCAL
Center tank FQI shown boxed amber		28-ECAM
enter tank FQI shown boxed amber		28-LOCAL
enter tank left transfer pump shows amber cross line		28-ECAM
enter tank left transfer pump shows amber cross line		28-LOCAL
enter tank left transfer pump shows amber cross line		28-0BSV
enter tank left transfer pump shows amber in line		28-ECAM
enter tank left transfer pump shows amber in line		28-0BSV
enter tank left transfer pump shows green in line		28-ECAM
enter tank left transfer pump shows green in line		28-0BSV
enter tank right transfer pump shows amber cross line		28-ECAM
enter tank right transfer pump shows amber cross line		28-LOCAL
enter tank right transfer pump shows amber cross line		28-0BSV
Center tank right transfer pump shows amber in line		28-ECAM
Center tank right transfer pump shows amber in line		28-0BSV
Center tank right transfer pump shows green in line		28-ECAM

EFF: ALL

**I-ECAM** 

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### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	TSM ATA CH-PB101
Center tank right transfer pump shows green in line		28-0BSV
EIS Diagonal line on the LOWER ECAM DU		31-ECAM
EIS Diagonal line on the LOWER ECAM DU		31-EFIS
EIS Loss of the LOWER ECAM DU		31-ECAM
FOB (Fuel on Board) FQI shown boxed (amber)		28-ECAM
FOB (Fuel on Board) FQI shown boxed (amber)		28-LOCAL
FOB (fuel on board) shown boxed amber		28-ECAM
FOB (fuel on board) shown boxed amber		28-LOCAL
FUEL - ACT XFR SYS - ACT AUTO transfer symbol not shown		28-ECAM
FUEL - ACT XFR SYS - ACT AUTO transfer symbol not shown		28-LOCAL
FUEL - ACT XFR SYS - ACT AUTO transfer symbol not shown		28-0BSV
FUEL - ACT XFR SYS - ACT MAN XFR symbol not shown in		20 0034
flight		28-ECAM
FUEL - ACT XFR SYS - ACT MAN XFR symbol not shown in		ZO-ECAM
flight		28-LOCAL
FUEL - ACT XFR SYS - ACT MAN XFR symbol not shown on the		ZO-LUCAL
,		28-ECAM
ground		ZO-ECAM
·		28-LOCAL
ground		
FUEL - ACT XFR SYS - ACT manual transfer symbol not shown		28-ECAM
FUEL - ACT XFR SYS - ACT manual transfer symbol not shown		28-LOCAL
FUEL - ACT XFR SYS - ACT 1 fuel QTY shown boxed amber		28-ECAM
FUEL - ACT XFR SYS - ACT 1 fuel QTY shown boxed amber		28-LOCAL
FUEL - CROSSFEED - Valve symbol shows amber cross-line		28-ECAM
FUEL - CROSSFEED - Valve symbol shows amber cross-line		28-LOCAL
FUEL - CROSSFEED - Valve symbol shows amber in-line		28-ECAM
FUEL - CROSSFEED - Valve symbol shows amber in-line		28-LOCAL
FUEL - CROSSFEED - Valve symbol shows amber XX		28-ECAM
FUEL - CROSSFEED - Valve symbol shows green cross-line		28-ECAM
FUEL - CROSSFEED - Valve symbol shows green cross-line		28-0BSV
FUEL - ENG LP SHUT-OFF - ENG 1 LP valve symbol shows		
amber cross-line		28-ECAM
FUEL - ENG LP SHUT-OFF - ENG 1 LP valve symbol shows		
amber cross-line		28-0BSV
FUEL - ENG LP SHUT-OFF - ENG 1 LP valve symbol shows		
amber in-line		28-ECAM
FUEL - ENG LP SHUT-OFF - ENG 1 LP valve symbol shows		
amber XX		28-ECAM
FUEL - ENG LP SHUT-OFF - ENG 2 LP valve symbol shows		
amber cross-line		28-ECAM
FUEL - ENG LP SHUT-OFF - ENG 2 LP valve symbol shows		
amber cross-line		28-0BSV
FUEL - ENG LP SHUT-OFF - ENG 2 LP valve symbol shows		
amber in-line		28-ECAM
FUEL - ENG LP SHUT-OFF - ENG 2 LP valve symbol shows		
amber XX		28-ECAM
FUEL - INTERCELL XFR - FOB FQI shown boxed amber		28-ECAM

EFF: ALL I-ECAM

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### TROUBLE SHOOTING MANUAL

ECAM		TSM ATA CH-PB101
FUEL - INTERCELL XFR - FOB FQI shown boxed amber FUEL - INTERCELL XFR - L outer cell FQI shown boxed in	-	28-0BSV
amber	-	28-ECAM
amber	-	28-0BSV
amber	-	28-ECAM
amber	-	28-0BSV
green	<u>-</u>	28-ECAM
FUEL - INTERCELL XFR - L XFR valve shows cross line in green	_	28-0BSV
FUEL - INTERCELL XFR - L XFR valve shows in line in amber FUEL - INTERCELL XFR - L XFR valve shows in transit in		28-ECAM
amber		28-ECAM
FUEL - INTERCELL XFR - L XFR valve shows XXFUEL - INTERCELL XFR - R outer cell FQI shown boxed in	-	28-ECAM
amber	-	28-ECAM
amber	-	28-0BSV
amber	-	28-ECAM
amber	-	28-0BSV
green	-	28-ECAM
FUEL - INTERCELL XFR - R XFR valve shows cross line in		28-0BSV
FUEL - INTERCELL XFR - R XFR valve shows in line in amber FUEL - INTERCELL XFR - R XFR valve shows in transit in	-	28-ECAM
amber	•	28-ECAM
FUEL - INTERCELL XFR - R XFR valve shows XX	-	28-ECAM
FUEL - MAIN PUMPS - CTR tank pump 1 shows amber cross line	<b>e</b>	28-ECAM
FUEL - MAIN PUMPS - CTR tank pump 1 shows amber cross line		28-LOCAL
FUEL - MAIN PUMPS - CTR tank pump 1 shows amber cross line		28-0BSV
FUEL - MAIN PUMPS - CTR tank pump 1 shows LO in amber		28-ECAM
FUEL - MAIN PUMPS - CTR tank pump 1 shows LO in amber		28-LOCAL
FUEL - MAIN PUMPS - CTR tank pump 2 shows amber cross line		28-ECAM
FUEL - MAIN PUMPS - CTR tank pump 2 shows amber cross line FUEL - MAIN PUMPS - CTR tank pump 2 shows amber cross line		28-LOCAL 28-OBSV
FUEL - MAIN PUMPS - CTR tank pump 2 shows amber cross time		28-ECAM
FUEL - MAIN PUMPS - CTR tank pump 2 shows LO in amber		28-LOCAL
FUEL - MAIN PUMPS - Left tank pump 1 shows cross line in		
amber	-	28-ECAM

EFF: ALL I-ECAM

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### TROUBLE SHOOTING MANUAL

	ATA TSM SE CH-PB	
FUEL - MAIN PUMPS - Left tank pump 1 shows cross line in		
amber	28-0B	_
FUEL - MAIN PUMPS - Left tank pump 1 shows LO in amber	28-EC	
FUEL - MAIN PUMPS - Left tank pump 1 shows LO in amber	28-L0	ICAL
FUEL - MAIN PUMPS - Left tank pump 1 shows LO in amber	28-0B	ISV
FUEL - MAIN PUMPS - Left tank pump 2 shows cross line in		
amber	28-EC	AM
FUEL - MAIN PUMPS - Left tank pump 2 shows cross line in		
amber	28-L0	ICAL
FUEL - MAIN PUMPS - Left tank pump 2 shows cross line in		
amber	28-0B	SV
FUEL - MAIN PUMPS - Left tank pump 2 shows LO in amber	28-EC	AM
FUEL - MAIN PUMPS - Left tank pump 2 shows LO in amber	28-L0	CAL
FUEL - MAIN PUMPS - Left tank pump 2 shows LO in amber	28-0B	SV
FUEL - MAIN PUMPS - Right tank pump 1 shows cross line in		
amber	28-EC	AM
FUEL - MAIN PUMPS - Right tank pump 1 shows cross line in		
amber	28-L0	CAL
FUEL - MAIN PUMPS - Right tank pump 1 shows cross line in		
amber	28-0B	SV
UEL - MAIN PUMPS - Right tank pump 1 shows LO in amber	28-EC	
FUEL - MAIN PUMPS - Right tank pump 1 shows LO in amber	28-L0	
FUEL - MAIN PUMPS - Right tank pump 1 shows LO in amber	28-0B	
FUEL - MAIN PUMPS - Right tank pump 2 shows cross line in		
amber	28-EC	: AM
FUEL - MAIN PUMPS - Right tank pump 2 shows cross line in	20 20	
amber	28-L0	CAL
FUEL - MAIN PUMPS - Right tank pump 2 shows cross line in	20 20	• • • • • • • • • • • • • • • • • • • •
amber	28-0B	RSV
FUEL - MAIN PUMPS - Right tank pump 2 shows LO in amber	28-EC	
FUEL - MAIN PUMPS - Right tank pump 2 shows LO in amber	28-L0	
FUEL - MAIN PUMPS - Right tank pump 2 shows LO in amber	28-0B	
FUEL - QTY INDICATING - Abnormal fuel TEMP shown in amber	28-EC	
FUEL - QTY INDICATING - ACT 1 FQI shows XX	28-EC	
FUEL - QTY INDICATING - All FQIs show amber XX	28-EC	
FUEL - QTY INDICATING - Center tank FQI shows XX	28-EC	
FUEL - QTY INDICATING - CTR TK FQI has amber lines thru	20 20	All
two numbers	28-EC	• л м
FUEL - QTY INDICATING - FOB shows amber lines through	20-20	All
last two numbers	28-EC	· A M
FUEL - QTY INDICATING - FOB shows XX	28-EC	
FUEL - QTY INDICATING - FUB shows XX	20-20	AII
	28-EC	· A M
two numbers	20-60	AII
	20 00	ev.
two numbers	28-0B	) <b>3</b> V
FUEL - QTY INDICATING - Inner TK, abnormal temp shown in	30 50	• A M
amber	28-EC	, AM

EFF: ALL I-ECAM

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### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	TSM ATA CH-PB101
FUEL - QTY INDICATING - L inner cell FQI shows XX FUEL - QTY INDICATING - L inner cell fuel TEMP shows		28-ECAM
amber XX		28-ECAM
thru two numbers		28-ECAM
thru two numbers		28-0BSV
thru two numbers		28-ECAM
FUEL - QTY INDICATING - L OTR cell FQI has amber lines		28-0BSV
thru two numbers		28-ECAM
FUEL - QTY INDICATING - L outer cell FQI shows amber XX FUEL - QTY INDICATING - L outer cell fuel TEMP shows		
amber XX		28-ECAM
thru two numbers		28-ECAM
FUEL - QTY INDICATING - L wing TK fuel TEMP shows amber X)		28-ECAM
FUEL - QTY INDICATING - Left wing TK FQI shows XX FUEL - QTY INDICATING - Outer TK, abnormal TEMP shown in		28-ECAM
amber		28-ECAM
FUEL - QTY INDICATING - R inner cell FQI shows XX FUEL - QTY INDICATING - R inner cell fuel TEMP shows	•	28-ECAM
amber XX		28-ECAM
thru two numbers		28-ECAM
thru two numbers	ı	28-0BSV
thru two numbers		28-ECAM
thru two numbers	_	28-0BSV
FUEL - QTY INDICATING - R outer cell FQI shows XX FUEL - QTY INDICATING - R outer cell fuel TEMP shows		28-ECAM
amber XX		28-ECAM
thru two numbers		28-ECAM
FUEL - QTY INDICATING - R wing TK fuel TEMP shows amber X)		28-ECAM
FUEL - QTY INDICATING - Right wing TK FQI shows XX		28-ECAM
eft wing tank FQI shown amber		28-ECAM
eft wing tank FQI shown amber		28-LOCAL
Right wing tank FQI shown amber		28-ECAM
Right wing tank FQI shown amber		28-LOCAL
Lower ECAM DU Flags-HYD		
EIS Diagonal line on the LOWER ECAM DU		31-ECAM
EIS Diagonal line on the LOWER ECAM DU	•	31-EFIS

EFF: ALL I-ECAM

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### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	. •
EIS Loss of the LOWER ECAM DU		31-ECAM
amber XX		29-ECAM
amber XX	-	29-ECAM
amber XX		29-ECAM
HYD - POWER TRANSFER PTU arrow missing on ECAM HYD - YELLOW HYD POWER YELLOW fluid level index replaced		29-ECAM
by amber XX	-	29-ECAM
LO AIR PRESS message for blue system in amber	-	29-ECAM
Lower ECAM DU Advisories-APU		
LOW FUEL PRESSURE	-	49-ECAM
Lower ECAM DU Advisories-CRUISE		
ENG 1 - Oil quantity flashes green	-	77-ECAM
ENG 2 - Oil quantity flashes green	-	77-ECAM
Lower ECAM DU Advisories-DOOR/OXY		
REGUL LO PR		35-ECAM
REGUL LO PR with OXY consumption and not use the mask	-	35-ECAM
Lower ECAM DU Advisories-ELEC		
FUEL - RECIRC - IDG 1 oil temp shown in amber (high) FUEL - RECIRC - IDG 1 oil temp shown pulsing green (over	-	28-ECAM
limit)	_	24-ECAM
FUEL - RECIRC - IDG 1 oil temp shown pulsing green (over		
limit)	-	28-ECAM
FUEL - RECIRC - IDG 1 oil temp shown pulsing green (over		
limit)	-	28-LOCAL
FUEL - RECIRC - IDG 2 oil temp shown in amber (high)	-	28-ECAM
FUEL - RECIRC - IDG 2 oil temp shown pulsing green (over		3/ FCAM
limit)	•	24-ECAM
limit)	_	28-ECAM
FUEL - RECIRC - IDG 2 oil temp shown pulsing green (over	-	20 20/11
limit)		28-LOCAL
IDG1 - oil temperature flashes green		24-ECAM
IDG2 - oil temperature flashes green		24-ECAM

EFF: ALL I-ECAM

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### TROUBLE SHOOTING MANUAL

ECAM	PFR ATA CH/SE	TSM ATA CH-PB101
Lower ECAM DU Advisories-ENGINE		
ENG 1 - N2 VIB value flashing		77-ECAM
ENG 1 - N2 VIB value flashing		77-0BSV
ENG 2 - N2 VIB value flashing		77-ECAM
ENG 2 - N2 VIB value flashing	-	77-0BSV
Lower ECAM DU Advisories-F/CTL		
F/CTL-RUDDER-RUD position indicator pointer fluctuation .	-	27-ECAM
Lower ECAM DU Advisories-HYD		
BLUE SYSTEM Fluctuation of Hyd-Fluid Quantity Indication		29-ECAM
BLUE SYSTEM Pressure Indication out of tolerance		29-ECAM
BLUE SYSTEM Quantity Indication shows High Level		29-ECAM
GREEN SYSTEM Fluctuation of Hyd-Fluid Quantity Indication		29-ECAM
GREEN SYSTEM Pressure Indication out of tolerance	-	29-ECAM
GREEN SYSTEM Quantity Indication shows High Level		29-ECAM
YELLOW SYSTEM Fluctuation of Hyd-Fluid Quantity Indicatio		29-ECAM
YELLOW SYSTEM Pressure Indication out of tolerance		29-ECAM
YELLOW SYSTEM Quantity Indication shows High Level	-	29-ECAM
Lower ECAM DU Advisories-WHEEL		
L/G - EXTN/RETRACTION - L/G KEEP DOWN shown	_	32-ECAM
L/G - EXTN/RETRACTION - L/G KEEP DOWN shown	-	32-LOCAL

EFF: ALL I-ECAM

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## **@A319/A320/A321**

### TROUBLE SHOOTING MANUAL

### INDEX OF WARNINGS/MALFUNCTIONS

EFIS	CH-PB101
PFD Flag(s)	
ADIRS - Airspeed discrepancy between PFD 1 and PFD 2	34-EFIS
ADIRS - No ADR display on CAPT PFD with AIR DATA-SEL SW at CAPT/3.  ADIRS - Red SPD and ALT flags in view on PFD	
ADIRS - Red SPD and ALT flags in view on PFD	34-ECAM
ADIRS-Loss of SPD, ALT and Mach indications on the PFD	34-EFIS
ADIRS-Red HDG flag in view on CAPT PFD	34-EFIS
ADIRS-Red HDG flag in view on F/O PFD	34-EFIS
ADIRS-Red SPD flag in view on F/O PFD	34-EFIS
AFS-Loss of the speed limits on the two PFDs	22-EFIS
AFS-No FD 1 indication on the PFD 1 after the aircraft energization AFS-No FD 2 indication on the PFD 2 after the aircraft energization AFS-No FD 2 indication on the PFD 2 after the aircraft energization	22-EFIS
AFS-On the two PFDs, in the ATT zone, FD crossed bars do not engage at GA	
AFS-The FD 1 indication does not automatically go to the PFD 2 AFS-The FD 2 indication does not automatically go to the PFD 1	22-EFIS 22-EFIS
DME-Red flag on CAPT PFD instead of DME 1 data  DME-Red flag on CAPT PFD instead of DME 2 data	34-EFIS
DME-Red flag on F/O PFD instead of DME 1 data  DME-Red flag on F/O PFD instead of DME 2 data  DME-Red flag on PFD instead of DME 1 data	34-EFIS
DME-Red flag on PFD instead of DME 1 data  DME-Red flag on PFD instead of DME 2 data	34-LOCAL
DME-Red flag on PFD instead of DME 2 data	34-LOCAL 31-ECAM
EIS Diagonal line on the Captain PFD	31-ECAM
EIS Diagonal line on the First Officer PFD	31-EFIS
ILS-G/S Red flag shown on PFD	34-EFIS
ILS-LOC and G/S red flags on the F/O PFD	34-EFIS 34-EFIS
ILS-No G/S and no LOC data on the CAPT PFD	

EFF: ALL

**I-EFIS** 

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### TROUBLE SHOOTING MANUAL

EFIS	CH-PB101
ILS-No G/S data on the CAPT PFD and on the F/O ND  ILS-No G/S data on the F/O PFD and on the CAPT ND  ILS-No LOC data on the CAPT PFD and on the F/O ND  ILS-No LOC data on the F/O PFD and on the CAPT ND  RA red flag on the PFDs  RADIO ALTIMETER - Intermittent loss of RA data on PFD(s)  RADIO ALTIMETER - Intermittent loss of RA data on PFD(s)  RADIO ALTIMETER - No RA data or incorrect data on the CAPT PFD  RADIO ALTIMETER - No RA data or incorrect data on the F/O PFD  VOR-No MARKER data on the PFD	34-EFIS 34-EFIS 34-EFIS 34-EFIS 34-EFIS 34-EFIS 34-EFIS
ND Flag(s)	
ADF-No ADF 1 data on the CAPT ND  ADF-No ADF 1 data on the F/O ND  ADF-No ADF 2 data on the CAPT ND  ADF-No ADF 2 data on the F/O ND  ADF-Red flag on the CAPT ND  ADF-Red flag on the F/O ND  ADIRS-Loss of TAS indication on the ND  ADIRS-Loss of TAS indication on the ND	34-EFIS 34-EFIS 34-EFIS 34-EFIS 34-EFIS 34-ECAM
ADR - Different True Airspeed indication between CAPT and F/O ND AFS-MAP NOT AVAIL message is shown on both NDs	34-EFIS 22-EFIS
AFS-MAP NOT AVAIL message is shown on the ND	22-EFIS 22-EFIS
DME-Green dashes on ND instead of DME 1 data  DME-Green dashes on ND instead of DME 2 data  DME-Red flag on CAPT ND instead of DME 1 data	34-EFIS 34-EFIS
DME-Red flag on CAPT ND instead of DME 2 data  DME-Red flag on F/O ND instead of DME 1 data  DME-Red flag on F/O ND instead of DME 2 data	34-EFIS 34-EFIS
DME-Red flag on ND instead of DME 1 data  DME-Red flag on ND instead of DME 1 data  DME-Red flag on ND instead of DME 2 data  DME-Red flag on ND instead of DME 2 data	34-LOCAL 34-EFIS
EIS Diagonal line on the Captain ND	31-EFIS 31-ECAM
EIS Diagonal line on the First Officer ND	31-EFIS 31-EFIS
EIS-Transfer of the ECAM DU on the Captain ND not possible EIS-Transfer of the ECAM DU on the First Officer ND not possible EIS-Transfer of the F/O PFD on the F/O ND not possible	31-EFIS 31-EFIS
GPWS-TERR RNG flag is shown on the ND	34-EFIS

EFF: ALL

**I-EFIS** 

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### **@A319/A320/A321**

### TROUBLE SHOOTING MANUAL

	EFIS	CH-PB101
	ILS-LOC and G/S red flags on the CAPT ND in ROSE-ILS mode	34-EFIS
	ILS-LOC and G/S red flags on the F/O ND in ROSE-ILS mode	
	ILS-LOC Red flag shown on ND in Rose-ILS mode	
	ILS-No G/S and no LOC data on the CAPT ND	34-EFIS
	ILS-No G/S and no LOC data on the F/O ND	34-EFIS
	ILS-No G/S data on the CAPT PFD and on the F/O ND	34-EFIS
	ILS-No G/S data on the F/O PFD and on the CAPT ND	34-EFIS
	ILS-No LOC data on the CAPT PFD and on the F/O ND	34-EFIS
	ILS-No LOC data on the F/O PFD and on the CAPT ND	34-EFIS
	<pre>IR - Residual Ground Speed out of limit on CAPT ND</pre>	34-EFIS
	<pre>IR - Residual Ground Speed out of limit on F/O ND</pre>	34-EFIS
	NAV - GPS - ND - Amber GPS PRIMARY LOST message is shown	34-ECAM
	NAV - GPS - ND - Amber GPS PRIMARY LOST message is shown	
R	NAV - WXR - ND - Amber PRED W/S flag is shown	
	NAV - WXR - ND - No WXR display or incorrect data are shown	
	NAV - WXR - ND - WXR ANT flag is shown	
	NAV - WXR - ND - WXR ATT flag is shown	
	NAV - WXR - ND - WXR CTL flag is shown	
	NAV - WXR - ND - WXR RNG flag is shown	
	NAV - WXR - ND - WXR RT flag is shown	
	NAV - WXR - ND - WXR RT flag is shown	
	NAV - WXR - ND - WXR STAB flag is shown	
	NAV - WXR - ND - WXR WEAK flag is shown	
	TCAS-Amber filled circle is shown on the aircraft symbol on the NDs	
	VOR-No VOR 1 data on the CAPT ND	
	VOR-No VOR 1 data on the F/O ND	
	VOR-No VOR 2 data on the CAPT ND	
	VOR-No VOR 2 data on the F/O ND	
	VOR-Red flag is shown on the CAPT ND only	
	VOR-Red flag is shown on the F/O ND only	
	VOR-Red flag is shown on the ND	
	VOR-Red flag is shown on the ND	
	VOR-Red flag on the CAPT ND	
	VOR-Red flag on the F/O ND	54-EFIS

EFF: ALL

**I-EFIS** 

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### TROUBLE SHOOTING MANUAL

#### INDEX OF WARNINGS/MALFUNCTIONS

LOCAL	CH-PB101
AIR COND Pol (30VU)	
AIR - PACK CONT PACK 1 - P/bsw FAULT legend on	
AIR - PACK CONT PACK 2 - P/bsw FAULT legend on	21-LOCAL
APU BLEED P/BSW FAULT legend on	36-ECAM
APU BLEED P/BSW FAULT legend on	36-LOCAL
ENG 1 BLEED P/BSW FAULT legend on	36-ECAM
ENG 1 BLEED P/BSW FAULT legend on	36-LOCAL
ENG 2 BLEED P/BSW FAULT legend on	36-ECAM
ENG 2 BLEED P/BSW FAULT legend on	
ANTI ICE Pol (25VU)	
ENG1 ANTI-ICE P/BSW FAULT legend illuminated	
ENG1 ANTI-ICE P/BSW FAULT legend illuminated	30-LOCAL
ENG2 ANTI-ICE P/BSW FAULT legend illuminated	30-ECAM
ENG2 ANTI-ICE P/BSW FAULT legend illuminated	30-LOCAL
ANTI-ICE Pol (25VU)	
WING ANTI-ICE P/BSW FAULT legend on	30-LOCAL
WING ANTI-ICE P/BSW FAULT legend on	30-0BSV
WING ANTI-ICE P/BSW ON legend on	
WING ANTI-ICE P/BSW ON legend on	
APU Pnl 25VU	
APU MASTER SW p/bsw ON legend off	49-LOCAL
APU START SW p/bsw ON legend off	49-LOCAL
CABIN PRESS Pol (25VU)	
AIR - PRESS MODE SEL - P/bsw FAULT legend on	
AIR - PRESS MODE SEL - P/bsw FAULT legend on	21-LOCAL
CARGO HEAT Pol (22VU)	
AIR - CRG HTNG HOT AIR - P/bsw FAULT legend on	
CENTER PEDESTAL	
ATC-FAULT or FAIL indicator light on the control unit comes on 3	34-LOCAL
CKPT Door Panel 119VU	

EFF: ALL

**I-LOCAL** 

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### TROUBLE SHOOTING MANUAL

LOCAL	CH-PB101
ELEC Pol (35VU)	
AC ESS FEED p/bsw ALTN lt on	24-LOCAL 24-ECAM 24-LOCAL
ELEC pnl (35VU)	
ELEC - EXT PWR p/bsw -AVAIL legend on without external power source ELEC - GALLEY CTL p/bsw- FAULT legend on	
ELEC Pol (35VU)	
EXT PWR p/bsw AVAIL stays off EXT PWR p/bsw AVAIL stays off when pushed EXT PWR p/bsw ON stays off FUEL - RECIRC - IDG 1 P/BSW FAULT Lamp on FUEL - RECIRC - IDG 1 P/BSW FAULT Lamp on FUEL - RECIRC - IDG 1 P/BSW FAULT Lamp on FUEL - RECIRC - IDG 2 P/BSW FAULT Lamp on FUEL - RECIRC - IDG 2 P/BSW FAULT Lamp on FUEL - RECIRC - IDG 2 P/BSW FAULT Lamp on FUEL - RECIRC - IDG 2 P/BSW FAULT Lamp on IDG 1 p/bsw FAULT stays on IDG 1 p/bsw FAULT stays on IDG 1 p/bsw FAULT stays on IDG 2 p/bsw FAULT stays on IDG 1 p/bsw FAULT stays on IDG 1 p/bsw FAULT stays on IDG 1 p/bsw FAULT stays on IDG 2 p/bsw FAULT stays on IDG 2 p/bsw FAULT stays on IDG 1 LINE P/BSW OFF Legend on GEN 1 LINE P/BSW OFF Legend on	24-LOCAL 24-ECAM 28-ECAM 28-ECAM 28-ECAM 28-ECAM 28-LOCAL 24-ECAM 24-LOCAL 24-OBSV 24-ECAM 24-LOCAL 24-OBSV
EXT PWR Pnl (108VU)	
FIRE - APU FIRE APU FIRE lt on	26-LOCAL
FAP (120RH)	
COM-CIDS-FAP CAUTION Light on	23-LOCAL
FIRE Pnl (20VU)	
FIRE - APU AGENT p/bsw DISCH lt does not come on	26-LOCAL
EFF: ALL I-LOCAL	Page Feb 01/0

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### TROUBLE SHOOTING MANUAL

LOCAL	CH-PB101
FIRE - APU AGENT p/bsw DISCH lt on	26-LOCAL
FIRE - APU AGENT p/bsw SQUIB lt does not come on	
FIRE - APU lower red p/bsw lt does not come on	
FIRE - APU upper red p/bsw lt does not come on	
FLT ATTND PNL (Z221)	
WTR/WASTE - TOILET VAC SYS DISABLE on GRND- WTR SYS DEPRE switch ON	38-LOCAL
FUEL Pnl (40VU)	
CTR TK - L XFR - P/BSW FAULT legend on	28-ECAM
CTR TK - L XFR - P/BSW FAULT legend on	28-LOCAL
CTR TK - R XFR - P/BSW FAULT legend on	
CTR TK - R XFR - P/BSW FAULT legend on	
CTR TK L XFR P/BSW OFF legend on	
CTR TK L XFR P/BSW OFF legend on	28-LOCAL
CTR TK MODE SEL AUTO/MAN FAULT legend on	28-ECAM
CTR TK MODE SEL AUTO/MAN FAULT legend on	28-LOCAL
CTR TK MODE SEL AUTO/MAN FAULT legend on	28-0BSV
CTR TK MODE SEL FAULT legend on	28-ECAM
CTR TK MODE SEL FAULT legend on	28-LOCAL
FUEL PNL (40VU)	
CTR TK MODE SEL P/B 48QA FAULT shows dimly when in AUTO with no fault	28-1 OCAL
Tautt	ZO-LUCAL
FUEL Pnl (40VU)	
CTR TK R XFR P/BSW OFF legend on	28-ECAM
CTR TK R XFR P/BSW OFF legend on	
FUEL PNL (40VU)	
FUEL - ACT XFR SYS - ACT AUTO/FWD FAULT legend on	28-FCAM
FUEL - ACT XFR SYS - ACT AUTO/FWD FAULT legend on	
FUEL - ACT XFR SYS - ACT AUTO/FWD FWD legend on	
FUEL - ACT XFR SYS - ACT AUTO/FWD FWD legend on	
FUEL - MAIN PUMPS - CTR tank pump 1 P/BSW FAULT legend on	
FUEL - MAIN PUMPS - CTR tank pump 1 P/BSW FAULT legend on	
FUEL - MAIN PUMPS - CTR tank pump 1 P/BSW OFF Legend on	
FUEL - MAIN PUMPS - CTR tank pump 1 P/BSW OFF Legend on	
FUEL - MAIN PUMPS - CTR tank pump 2 P/BSW FAULT legend on	
FUEL - MAIN PUMPS - CTR tank pump 2 P/BSW FAULT legend on	
FUEL - MAIN PUMPS - CTR tank pump 2 P/BSW OFF Legend on	
FUEL - MAIN PUMPS - CTR tank pump 2 P/BSW OFF legend on	
FUEL - MAIN PUMPS - CTR TK pump 1 P/BSW FAULT legend off	
· · ·	

EFF: ALL

**I-LOCAL** 

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### TROUBLE SHOOTING MANUAL

OCAL	CH-PB101
FUEL - MAIN PUMPS - CTR TK pump 1 P/BSW FAULT legend off	. 28-LOCAL
UEL - MAIN PUMPS - CTR TK pump 1 P/BSW FAULT legend off	. 28-0BSV
UEL - MAIN PUMPS - CTR TK pump 2 P/BSW FAULT legend off	
UEL - MAIN PUMPS - CTR TK pump 2 P/BSW FAULT legend off	
UEL - MAIN PUMPS - CTR TK pump 2 P/BSW FAULT legend off	
FUEL Pol (40VU)	
FUEL - MAIN PUMPS - L pump 1 P/BSW FAULT legend on	28-FCAM
FUEL - MAIN PUMPS - L pump 1 P/BSW FAULT legend on	
UEL - MAIN PUMPS - L pump 1 P/BSW FAULT legend on	
UEL - MAIN PUMPS - L pump 2 P/BSW FAULT legend on	
FUEL - MAIN PUMPS - L pump 2 P/BSW FAULT legend on	
UEL - MAIN PUMPS - L pump 2 P/BSW FAULT legend on	. 28-0BSV
UEL PNL (40VU)	
UEL - MAIN PUMPS - L tank pump 1 P/BSW FAULT legend off	. 28-ECAM
UEL - MAIN PUMPS - L tank pump 1 P/BSW FAULT legend off	
UEL - MAIN PUMPS - L tank pump 1 P/BSW FAULT legend off	
UEL - MAIN PUMPS - L tank pump 2 P/BSW FAULT legend off	
UEL - MAIN PUMPS - L tank pump 2 P/BSW FAULT legend off	
· · ·	
FUEL - MAIN PUMPS - L tank pump 2 P/BSW FAULT legend off	. 20-0B3V
UEL Pol (40VU)	
UEL - MAIN PUMPS - R pump 1 P/BSW FAULT legend on	. 28-ECAM
UEL - MAIN PUMPS - R pump 1 P/BSW FAULT legend on	
UEL - MAIN PUMPS - R pump 1 P/BSW FAULT legend on	
UEL - MAIN PUMPS - R pump 2 P/BSW FAULT legend on	
UEL - MAIN PUMPS - R pump 2 P/BSW FAULT legend on	
UEL - MAIN PUMPS - R pump 2 P/BSW FAULT legend on	
UEL - MAIN PUMPS - R pump 2 P/BSW FAULI tegend on	. 20-0B3V
UEL PNL (40VU)	
UEL - MAIN PUMPS - R tank pump 1 P/BSW FAULT legend off	. 28-ECAM
UEL - MAIN PUMPS - R tank pump 1 P/BSW FAULT legend off	
UEL - MAIN PUMPS - R tank pump 1 P/BSW FAULT legend off	
OLL THAT TOTAL REGIRE PUMP 1 1/100# TROLL CONCINC OTT TITTITE	. 20 0004
UEL Pnl (40VU)	
UEL - MAIN PUMPS - R tank pump 2 P/BSW FAULT legend off	. 28-ECAM
UEL - MAIN PUMPS - R tank pump 2 P/BSW FAULT legend off	
UEL - MAIN PUMPS - R tank pump 2 P/BSW FAULT legend off	
TK PUMPS 1 P/BSW FAULT LT fails to momentarily show when set to	0 0501
IN	28-1 0041
TK PUMPS 2 P/BSW FAULT LT fails to momentarily show when set to	. ZO-LUCAL
	20
n	

EFF: ALL

**I-LOCAL** 

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### TROUBLE SHOOTING MANUAL

	LOCAL	CH-PB101
	R TK PUMPS 1 P/BSW FAULT LT fails to momentarily show when set to	
	on	28-LOCAL
	R TK PUMPS 2 P/BSW FAULT LT fails to momenterily show when set to on	28-LOCAL
	FWD ATTND Pnl (Z221)	
	COM-CIDS-FAP CAUT LT on	
	FWD ATTND PNL (Z221)	
	WTR/WASTE - TOILET LAV X INOP	
R	GALLEY CONTROL PANEL	
R	EQUIP/FURNISH - GALLEY AIR CHILLER - SYSTEM FAULT LIGHT is on	25-LOCAL
	GLARESHIELD 130VU/131VU	
	AFS - AUTO LAND warning light comes on	22-LOCAL
	GPWS Pnl (21VU)	
	GPWS/SYS FAULT legend pushbutton switch on	
	GSHLD PNL CAPT (131VU)	
	MASTER CAUT LT - Half light on	
	GSHLD PNL F/O (130VU)	
	MASTER WARN LT - Half light on	31-LOCAL
	GSHLD PNL-F/O (130VU)	
	MASTER CAUT LT - Half light on	31-LOCAL
	GSHLD-CAPT panel (131VU)	
	SIDE STICK PRIORITY ANN light(s) failed	27-LOCAL
	GSHLD-CAPT Pol (131VU)	
	CAPT AUTOLAND WARNING It operates incorrectly	31-LOCAL

EFF: ALL

**I-LOCAL** 

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### TROUBLE SHOOTING MANUAL

LOCAL	CH-PB101
CAPT MASTER CAUT lt operates incorrectly	
GSHLD-F/O panel (130VU)	
SIDE STICK PRIORITY ANN light(s) failed	27-LOCAL
GSHLD-F/O Pnl (130VU)	
F/O AUTOLAND WARNING It operates incorrectly	31-LOCAL
HYD Pnl (40VU)	
HYD/BLUE/ELEC PUMP P/BSW (2704GJ), FAULT legend is on	29-LOCAL 29-LOCAL 29-LOCAL
LOUDSPEAKERS	
NAV - WXR - Loudspeakers - No audio warning during WXR 1 BITE test NAV - WXR - Loudspeakers - No audio warning during WXR 2 BITE test	
MAINTENANCE Pol (50VU)	
FIRE - APU AUTO EXTING TEST p/bsw OK, it does not come on  FIRE - APU AUTO EXTING TEST p/bsw ON, it does not come on  OXYGEN-TMR RES FAULT lt comes on and goes off after approx. 30 sec  OXYGEN-TMR RES FAULT lt comes on and goes off after pushing p/bsw	26-LOCAL
	35-LOCAL
MCDU	JJ LOUAL
AFS - MCDU - FM1, FM2 or IND annunciator comes on	22-1 OCAL
	ZZ-LUCAL
MCDU (11VU)	
MCDU 1 & 2, INDEPENDENT OPERATION message in the scratchpad	
MCDU 1 & 2, INDEPENDENT OPERATION message in the scratchpad MCDU 1 or 2, FMS1/FMS2 SPD TGT DIFF message in the scatchpad	22-LOCAL
MCDU 1 & 2, INDEPENDENT OPERATION message in the scratchpad MCDU 1 or 2, FMS1/FMS2 SPD TGT DIFF message in the scatchpad MCDU 1 or 2, messages FMGC TIME OUT with OPP FMGC IN PROGRESS	22-LOCAL 22-LOCAL
MCDU 1 & 2, INDEPENDENT OPERATION message in the scratchpad MCDU 1 or 2, FMS1/FMS2 SPD TGT DIFF message in the scatchpad	22-LOCAL 22-LOCAL 22-LOCAL

EFF: ALL

**I-LOCAL** 

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### TROUBLE SHOOTING MANUAL

LOCAL								CH-PB101
DAY/ODE!! DOOD	· · · · · · · · · · · · · · · · · · ·							
PAX/CREW DOOR	(831)							
SLIDE - White	SLIDE A	RMED	indicator	light	not on in	flight		52-LOCAL
SLIDE - White	SLIDE A	RMED	indicator	light	not on in	flight		52-0BSV
SLIDE - White								
<b>SLIDE</b> - White								
${f SLIDE}$ - ${f W}{f hite}$								
SLIDE - White	SLIDE A	RMED	indicator	light	on			52-0BSV
PAX/CREW DOOR	(832)							
SLIDE - White	SLIDE A	RMFD	indicator	Light	not on in	fliaht		52-I OCAI
SLIDE - White								
SLIDE - White								
SLIDE - White								
SLIDE - White								
SLIDE - White								
PAX/CREW DOOR	(841)							
SLIDE - White	SITNE A	DMEN	indicator	Liabt	not on in	fliabt		52-I OCAI
SLIDE - White								
SLIDE - White								
SLIDE - White								
SLIDE - White								
SLIDE - White								
PAX/CREW DOOR	(842)							
SLIDE - White	CLIDE AL	DMED	indiantan	liab+	+ i-	fliabt		E2 LOCAL
SLIDE - White								
SLIDE - White								
SLIDE - White								
SLIDE - White								
SLIDE - White								
REFUEL PNL (5	<u>1VU)</u>							
FUEL - REFUEL,	/DEFIIEL	_ PFF	IIFI CTI VA	ALVE 14	egend on			28-I 0CAI
FUEL - REFUEL,					_			
REFUEL/PWR P/I								LU LUCAL
fault				•				28-LOCAL
REFUEL/DEFUEL	Pnl (800)	VU)						
DEELIEL /VED/OD	EN lama '	Not -	n dunina !	TC /4	ilaman+/li	abtal T	<b>-</b> 01	28-1 0041
DEFUEL/XFR/OP								
DEFUEL/AFK/UP	EN CAMP	MUL 0	in during L	_13 (1	ı cament/ t1	girts/ II		20-0B3V
					_			

**I-LOCAL** 

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### TROUBLE SHOOTING MANUAL

LOCAL	CH-PB101
REFUEL/DEFUEL PNL(800VU)	
FUEL - REFUEL/DEFUEL - DEFUEL/XFR/OPEN lamp not on	28-OBSV 28-LOCAL
ZONE: 211	
UNIT FAIL is displayed on the MDDU display	31-LOCAL
ACP (11VU/20 VU)	
MECH indicator light does not come on	23-LOCAL
ADIRS CDU (20VU)	
IR - DELAYED MAINT comes into view on the ADIRS CDU display IR - DELAYED MAINT comes into view on the ADIRS CDU display ON BAT legend stays off at ADIRS power up test STS - CDU FAULT comes into view on the ADIRS CDU display STS - GNSSU 1 FLT comes into view on the ADIRS CDU display	34-LOCAL 34-LOCAL 34-LOCAL
AVIONICS COMPT (Z125)	
CSM/G GCU red led on	24-LOCAL
CKPT PRESEL (20VU)	
FUEL - QTY INDICATING - FQIs blank on CKPT PRESEL 10QT	
COCKPIT REFUEL PNL(51VU)	
FUEL - LVL SENSING - HI LVL ACT 1 IND light does not go from off to on	28-LOCAL
to on	28-0BSV
offFUEL - LVL SENSING - HI LVL ACT 1 IND light does not go from on to	28-LOCAL
offFUEL - LVL SENSING - HI LVL ACT 1 IND light does not go Trom on to offFUEL - LVL SENSING - HI LVL ACT 1 IND light fails the lamp test	
ELEC Pnl (35VU)	
DC GEN - BAT1 voltage below 25.5V	2/ 1001

EFF: ALL

**I-LOCAL** 

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### TROUBLE SHOOTING MANUAL

LOCAL	CH-PB101
DC GEN - BAT2 voltage below 25.5V	24-LOCAL
ELEC pnl (35VU)	
ELEC - EXT PWR p/bsw -AVAIL legend stays on when p/bsw pushed  ELEC - EXT PWR p/bsw -AVAIL legend stays on when p/bsw pushed  ELEC - GEN1 p/bsw-FAULT legend on  ELEC - GEN1 p/bsw-FAULT legend stays off  ELEC - GEN2 p/bsw-FAULT legend on  ELEC - GEN2 p/bsw-FAULT legend stays off  ELEC - GEN2 p/bsw-FAULT legend stays off  ELEC - GEN2 p/bsw-FAULT legend stays off	24-0BSV 24-LOCAL 24-LOCAL 24-OBSV 24-LOCAL 24-LOCAL
EXT PWR Pnl (108VU)	
COCKPIT CALL indicator light does not come on  ELEC - EXT PWR NOT IN USE indicator light stays on  ELEC - EXT PWR NOT IN USE indicator light stays on  EXT PWR AVAIL indicator light stays off  EXT PWR NOT IN USE indicator light stays off	24-LOCAL 24-OBSV 24-LOCAL
<u>FAP (120RH)</u>	
SLIDE BOTTLE PRESS LOW CHECK SLIDE PRESS: AFT L  SLIDE BOTTLE PRESS LOW CHECK SLIDE PRESS: AFT R  SLIDE BOTTLE PRESS LOW CHECK SLIDE PRESS: FWD L  SLIDE BOTTLE PRESS LOW CHECK SLIDE PRESS: FWD R  SLIDE BOTTLE PRESS LOW CHECK SLIDE PRESS: MID L  SLIDE BOTTLE PRESS LOW CHECK SLIDE PRESS: MID R  SLIDE BOTTLE PRESS LOW CHECK SLIDE PRESS: EMER L  SLIDE BOTTLE PRESS LOW CHECK SLIDE PRESS: EMER R  SLIDE BOTTLE PRESS LOW CHECK SLIDE PRESS: EXIT L  SLIDE BOTTLE PRESS LOW CHECK SLIDE PRESS: EXIT R	25-LOCAL 25-LOCAL 25-LOCAL 25-LOCAL 25-LOCAL 25-LOCAL 25-LOCAL 25-LOCAL
FUEL PNL (40VU)	
FUEL - CROSSFEED - P/BSW-4QE ON legend on  FUEL - CROSSFEED - P/BSW-4QE ON legend on  FUEL - CROSSFEED - P/BSW-4QE OPEN legend on  FUEL - CROSSFEED - P/BSW-4QE OPEN legend on	28-LOCAL 28-ECAM
FUSELAGE (Z 125)	
OVERBOARD discharge indicator yellow	

EFF: ALL I-LOCAL

SROS

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### TROUBLE SHOOTING MANUAL

LOCAL	CH-PB101
L/G CTL IND Pnl (402VU)	
<u> </u>	
AUTO BRK LO DECEL IND- False indication	32-LOCAL
AUTO BRK MAX DECEL IND- False indication	
AUTO BRK MED DECEL IND- False indication	
L/G - EXT/RETRACTION - L MLG indicator shows UNLK	
L/G - EXT/RETRACTION - L MLG indicator shows UNLK	
L/G - EXT/RETRACTION - L MLG indicator shows UNLK	32-0BSV
L/G - EXT/RETRACTION - NLG indicator shows UNLK	32-ECAM
L/G - EXT/RETRACTION - NLG indicator shows UNLK	32-LOCAL
L/G - EXT/RETRACTION - NLG indicator shows UNLK	32-0BSV
L/G - EXT/RETRACTION - R MLG indicator shows UNLK	32-ECAM
L/G - EXT/RETRACTION - R MLG indicator shows UNLK	32-LOCAL
L/G - EXT/RETRACTION - R MLG indicator shows UNLK	32-0BSV
L/G NORM CTL LEVER (4VU)	
L /C EVI /BETRACTION DED ADDOU DOUN	70 5044
L/G - EXT/RETRACTION - RED ARROW DOWN	
L/G - EXT/RETRACTION - RED ARROW DOWN	32-LUCAL
NLG ELEC BOX (Z 711)	
N/W STRG deactivation ELEC box - No IND PRK BRK light	32-I 0CAI
N, W OTHER GEOGRAPH ELLE BOX NO THE THE BIRK CIGITO THE THE	JL LOUAL
OXYGEN Pnl (21VU)	
OXYGEN-PASSENGER SYS ON Lt off	35-LOCAL
OXYGEN-PASSENGER SYS ON Lt off	
OXYGEN-PASSENGER SYS ON Lt on	
OXYGEN-PASSENGER SYS ON Lt on	
R CENTER INSTRUMENT PNL	
clock displays go off	31-LOCAL
R CTR INST Pol (400VU)	
<del></del>	
Accu press drops very quickly (Parking brake OFF	32-LOCAL
Accu press drops very quickly (parking brake ON)	
BRK Y PRESS TRIPLE IND No left pressure indication	
BRK Y PRESS TRIPLE IND No right pressure indication	
BRK Y PRESS TRIPLE IND No Y pressure indication	
BRK Y PRESS TRIPLE IND- NO ACCU pressure indication	
BRK Y PRESS TRIPLE IND- Right or left residual pressure indication	
	=

EFF: ALL

**I-LOCAL** 

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#### TROUBLE SHOOTING MANUAL

LOCAL CH-PB101

#### REFUEL/DEFUEL PNL(800VU)

FUEL - LVL	SENSING - HI All	HI LVL indicator LTS show off during	
			28-LOCAL
		HI LVL indicator LTS show off during	20 0001
		ACT 1 IND light does not go from off	28-0B2A
		ACT TIND CIGHT does not go Trom off	28-1 0041
		ACT 1 IND light does not go from off	LO LOGAL
			28-0BSV
FUEL - LVL	SENSING - HI LVL	ACT 1 IND light does not go from on to	
			28-LOCAL
		ACT 1 IND light does not go from on to	20 2721
•		ACT 4 indicator links are as	
		ACT 1 indicator light not on	
		center indicator light not on	
		center indicator light not on	
		CTR IND light does not go from off to	
on			28-LOCAL
FUEL - LVL	SENSING - HI LVL	CTR IND light does not go from off to	
			28-0BSV
		CTR IND light does not go from on to	22
		CTD TND Light does not as form as to	28-LOCAL
		CTR IND light does not go from on to	28-0BSV
		left IND light does not go from off to	20 0201
			28-LOCAL
FUEL - LVL	SENSING - HI LVL	left IND light does not go from off to	
			28-0BSV
		left IND light does not go from on to	
		Left TND Light days and an form of the	28-LOCAL
		left IND light does not go from on to	28-0BSV
		left indicator light not on	
		left indicator light not on	
		right IND light does not go from off	
			28-LOCAL
		right IND light does not go from off	
			28-0BSV
		right IND light does not go from on to	29 1 0041
		right IND light does not go from on to	ZO-LUCAL
		right in tight does not go in an on to	28-0BSV
		right indicator light not on	
FUEL - LVL	SENSING - HI LVL	right indicator light not on	28-0BSV
FUEL - QTY	INDICATING - ALL	FQIs show blank during LTS TEST	28-LOCAL

EFF: ALL

**I-LOCAL** 

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# **@A319/A320/A321**

### TROUBLE SHOOTING MANUAL

LOCAL	CH-PB101
FUEL - QTY INDICATING - ALL FQIs show blank during LTS TEST  FUEL - QTY INDICATING - FQIs blank on indicator 6QT  FUEL - QTY INDICATING - FQIs blank on preselector 5QT	28-LOCAL
<u>401vu</u>	
ADF - Flag of ADF1 system is shown on RMI  ADF - RMI single pointer at 3 o'clock position  ALT - Red Flag on the face of ISIS  ALT - Red Flag on the face of ISIS  ATT - Red Flag on the face of ISIS  ATT - Red Flag on the face of ISIS  DME-RMI left display is blanked  DME-RMI left display is blanked  DME-RMI right display is blanked  DME-RMI right display is blanked  G/S - Red Flag on the face of ISIS  G/S - Red Flag on the face of ISIS  HDG - Red Flag on the face of ISIS	34-LOCAL 34-OBSV 34-LOCAL 34-OBSV 34-EFIS 34-LOCAL 34-EFIS 34-LOCAL 34-LOCAL 34-LOCAL 34-OBSV
HDG - Red Flag on the face of ISIS	34-0BSV 34-LOCAL 34-0BSV 34-LOCAL
M - Red Flag on the face of ISIS	
MAINT - White Flag on the face of ISIS	34-0BSV 34-LOCAL 34-0BSV
SPD - Red Flag on the face of ISIS	34-LOCAL 34-OBSV
VOR-DDRMI flag is shown	

EFF: ALL I-LOCAL

### TROUBLE SHOOTING MANUAL

#### INDEX OF WARNINGS/MALFUNCTIONS

OBSERVATIONS	CH-PB101
A.ICE-POT WTR ICE PROT - no FWD potable WTR DRAIN due to ice	
formation	30-0BSV
A.ICE-WASTE WTR ICE PROT AFT GALY and AFT LAV washbasins do not	
draindrain	30-0BSV
A.ICE-WASTE WTR ICE PROT blocked AFT drainmast because of ice	
formation	30-0BSV
A.ICE-WASTE WTR ICE PROT blocked FWD drainmast because of ice	
formation	30-0BSV
A.ICE-WASTE WTR ICE PROT FWD GALY and FWD LAV washbasins do not	
drain	30-0BSV
A.ICE-WASTE WTR ICE PROT no draining of toilet SYS due to ice	
formation	
A.ICE-WASTE WTR SERV PNL ice formation on drain nipple	
A.ICE-WTR SERV PNL HTG ice formation on fill/drain nipple	
A.ICE-WTR SERV PNL HTG ice formation on overflow nipple	
AC ESS DISTR - Loss of equipments supplied by AC ESS BUS SHED 801XP	
AC ESS DISTR - Loss of equipments supplied by AC ESS BUS SHED 801XP	
AC GEN - IDG1 cannot be disconnected with the ELEC/IDG1 p/bsw	
AC GEN - IDG1 cannot be disconnected with the ELEC/IDG1 p/bsw	
AC GEN - IDG1 cannot be disconnected with the ELEC/IDG1 p/bsw	
AC GEN - IDG2 cannot be disconnected with the ELEC/IDG2 p/bsw	
AC GEN - IDG2 cannot be disconnected with the ELEC/IDG2 p/bsw	
AC GEN - IDG2 cannot be disconnected with the ELEC/IDG2 p/bsw	
AC MAIN DISTR - Loss of AC BUS 1 supplied by GEN 2	
AC MAIN DISTR - Loss of AC BUS 1 supplied by GEN 2	
AC MAIN DISTR - Loss of AC BUS 2 supplied by GEN 1	
AC MAIN DISTR - Loss of AC BUS 2 supplied by GEN 1	
AC MAIN DISTR - Loss of AC BUS1 supplied by APU GEN	
AC MAIN DISTR - Loss of AC BUS1 supplied by APU GEN	
AC MAIN DISTR - Loss of AC BUS1 supplied by external power	
AC MAIN DISTR - Loss of AC BUS1 supplied by external power AC MAIN DISTR - Loss of AC BUS2 supplied by APU GEN	
AC MAIN DISTR - LOSS OF AC BUS2 supplied by APU GEN	
AC MAIN DISTR - Loss of AC BUS2 supplied by external power	
AC MAIN DISTR - Loss of AC BUS2 supplied by external power	
AC MAIN DISTR - Loss of some equipment supplied by busbar 1XP	
AC MAIN DISTR - Loss of some equipment supplied by busbar 2XP	
AC SERVICE BUS 2 (212XP) (216XP) not available in flight	0501
configuration	24-0BSV
AC SERVICE BUS 2 (212XP) (216XP) not available in ground service	,,
CONFIG	24-0BSV
AC SERVICE BUS 2 (214XP) not available in ground service	,,
configuration	24-0BSV
ACARS - Loss of data communication	
ACARS - loss of data communication in reception only	
ACARS - Loss of data communication in transmission only	

EFF: ALL

**I-OBSV** 

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
ACARS - Loss of the frequency control on RMP1	23-0BSV
ACARS - Loss of the frequency control on RMP2	23-0BSV
ACARS - Loss of the frequency control on RMP3	
ACARS - Loss of the SELCAL data	
ACARS - VHF3 cannot operate in DATA mode	
ACT Auto transfer FAULT legend not on at P/BSW 24QH when necessary	28-0BSV
ACT Auto transfer FAULT legend on at P/BSW 24QH when not necessary	28-0BSV
ACT 1 Maintenance OBS I/P from FLSCU-3 LS1 Low Level sensor No1	
failure	28-ECAM
ACT 1 Maintenance OBS I/P from FLSCU-3 LS1 Low Level sensor No1	
failure	28-0BSV
ACT 1 Maintenance OBS I/P from FLSCU-3 LS5 Low Level sensor No2	
failure	28-ECAM
ACT 1 Maintenance OBS I/P from FLSCU-3 LS5 Low Level sensor No2	
failure	
ADF-ADF 1 test cannot be started on the MCDU	
ADF-ADF 2 test cannot be started on the MCDU	
ADF-Incorrect ADF 1 data shown on NDs	
ADF-Incorrect ADF 1 data shown on NDs and VOR/ADF/DME RMI	
ADF-Incorrect ADF 2 data shown on NDs	
ADF-Incorrect ADF 2 data shown on NDs and VOR/ADF/DME RMI	
ADF-Incorrect identification codes shown on the NDs	
ADF-No audio signal from the station when the ADF 1 data are shown	
ADF-No audio signal from the station when the ADF 2 data are shown	
ADF-Test activation not possible on the receiver 1 front face ADF-Test activation not possible on the receiver 2 front face	
ADIRS - Airspeed discrepancy under marginal weather	
ADIRS - No AOA test activation on ground	
ADIRS - No mechanic call horn activation with ON BAT light on	
ADIRS - TAT reading error of 11 deg. C on lower ECAM DU	
ADIRU1(1FP1) BUS IR/ ISIS(22FN-10FC) message on the face of ISIS	
ADIRU1(1FP1) BUS IR/ ISIS(22FN-10FC) message on the face of ISIS	
ADIRU3(1FP3) BUS IR/ ISIS(22FN-10FC) message on the face of ISIS	
ADIRU3(1FP3) BUS IR/ ISIS(22FN-10FC) message on the face of ISIS	
ADR - Different Alt. or Airspeed between CAPT PFD and F/O PFD	
ADR - FAULT legend of ADR1 annunciator stays off with ECAM warning	34-0BSV
ADR - FAULT legend of ADR2 annunciator stays off with ECAM warning	34-0BSV
ADR - FAULT legend of ADR3 annunciator stays off with ECAM warning	34-0BSV
ADR - OFF legend of ADR1 p/bsw does not come on	34-0BSV
ADR - OFF legend of ADR2 p/bsw does not come on	34-0BSV
ADR - OFF legend of ADR3 p/bsw does not come on	34-0BSV
AFS - ALT SEL red flag shown on the PFD	
AFS - AMM Task 221000710 00200 Results not satisfactory	
AFS - Autoland - unsatisfactory autoland	
AFS - Loss of the rudder trim function on the FAC 1	
AFS - Loss of the rudder trim function on the FAC 2	
AFS - RTOK indication at the end of maintenance message	
AFS - SPD SEL red flag shown on the PFD	22-0BSV

EFF: ALL

**I-OBSV** 

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
AFS-A/THR engagement inoperative after installation of new FMGC	22-0BSV
AFS-A/THR instinctive disconnect CAPT P/BSW inoperative	
AFS-A/THR instinctive disconnect F/O P/BSW inoperative	
AFS-A/THR pushbutton switch does not come on at A/THR engagement	
AFS-Access to RAD/NAV page inoperative on the MCDU 1&2	
AFS-Access to RAD/NAV page inoperative on the MCDU1	
AFS-Access to RAD/NAV page inoperative on the MCDU2	
AFS-Access to the MODE MENU page on the MCDU inoperative	22-0BSV
AFS-AFS TEST inoperative in the BITE of the FAC 1	
AFS-AFS TEST inoperative in the BITE of the FAC 2	
AFS-AFS TEST inoperative in the BITE of the FMGC 1	
AFS-AFS TEST inoperative in the BITE of the FMGC 2	
AFS-AFS TEST inoperative on the two MCDUs	
AFS-AP 1 engagement inoperative after installation of new FMGC	
AFS-AP 1 pushbutton switch does not come on at AP 1 engagement	
AFS-AP 2 engagement inoperative after installation of new FMGC	
AFS-AP 2 pushbutton switch does not come on at AP 2 engagement	
AFS-Asymmetric flight only with AP engaged whatever the side	
AFS-At power-up, the MCDU MENU page is not shown on the MCDU 1	
AFS-At power-up, the MCDU MENU page is not shown on the MCDU 2	
AFS-Automatic switching of the MCDU 1 inoperative	
AFS-Automatic switching of the MCDU 2 inoperative	
AFS-CHECK GW message systematically shown on the MCDU	
AFS-Communication with ACARS not possible through the MCDU 1	
AFS-Communication with ACARS not possible through the MCDU 2 AFS-Communication with AIDS not possible through the MCDU 1	
AFS-Communication with AIDS not possible through the MCDU 2	
AFS-Communication with ATSU not possible through the MCDU 1	
AFS-Communication with ATSU not possible through the MCDU 2	
AFS-Communication with CFDS not possible through the MCDU 1	
AFS-Communication with CFDS not possible through the MCDU 2	
AFS-Communication with FMGS 1 not possible through the MCDU 1	
AFS-Communication with FMGS 2 not possible through the MCDU 2	
AFS-Electrical transient effect on the FMGCs	
AFS-FAULT legend of the FLT CTL/FAC1 p/bsw comes on without ECAM	
warning	22-0BSV
AFS-FAULT legend of the FLT CTL/FAC1 p/bsw stays off with ECAM	
warning	22-0BSV
AFS-FAULT legend of the FLT CTL/FAC2 p/bsw comes on without ECAM	
warning	22-0BSV
AFS-FAULT legend of the FLT CTL/FAC2 p/bsw stays off with ECAM	
warning	
AFS-FMGC unserviceable on ground after the reset of the related C/B	
AFS-LAND TEST inoperative on the two MCDUs	
$\textbf{AFS-LAND} \ \ \textbf{TEST} \ \ \textbf{REFUSED} \ \ \textbf{message} \ \ \textbf{displayed} \ \ \textbf{after} \ \ \textbf{LAND} \ \ \textbf{TEST} \ \ \textbf{selection} \ \ \textbf{.}$	
AFS-Loss of A/THR during Take Off	
AFS-Loss of NAV mode (reversion to basic modes)	
AFS-Loss of the rudder travel limiting function on the FAC 1	22-0BSV

EFF: ALL I-OBSV

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### TROUBLE SHOOTING MANUAL

AFS-Loss of the rudder travel limiting function on the FAC 2		
ARS-Loss of the yaw damper function at or after engine start 22-EGAM ARS-Loss of the yaw damper function at or after engine start 22-OBSV ARS-Loss of the yaw damper function on the FAC 1 22-OBSV ARS-Loss of the yaw damper function on the FAC 2 22-OBSV ARS-Map shift on ND DU (FMS or Navigation systems malfunction) 22-OBSV ARS-No indication on the rudder trim indicator 22-OBSV ARS-No response from the FMGC 1 after the BITE test 22-OBSV ARS-No response from the FMGC 1 after the BITE test 22-OBSV ARS-OFF legend of FLT CTL/FAC1 p/bsw stays off at disengagement of FAC1 22-OBSV ARS-OFF legend of FLT CTL/FAC2 p/bsw stays off at disengagement of FAC2	OBSERVATIONS	CH-PB101
ARS-Loss of the yaw damper function at or after engine start 22-EGAM ARS-Loss of the yaw damper function at or after engine start 22-OBSV ARS-Loss of the yaw damper function on the FAC 1 22-OBSV ARS-Loss of the yaw damper function on the FAC 2 22-OBSV ARS-Map shift on ND DU (FMS or Navigation systems malfunction) 22-OBSV ARS-No indication on the rudder trim indicator 22-OBSV ARS-No response from the FMGC 1 after the BITE test 22-OBSV ARS-No response from the FMGC 1 after the BITE test 22-OBSV ARS-OFF legend of FLT CTL/FAC1 p/bsw stays off at disengagement of FAC1 22-OBSV ARS-OFF legend of FLT CTL/FAC2 p/bsw stays off at disengagement of FAC2	AFS-Loss of the rudder travel limiting function on the FAC 2	22-0BSV
ARS-Loss of the yaw damper function at or after engine start		
ARS-Loss of the yaw damper function on the FAC 1		
ARS-Loss of the yaw damper function on the FAC 2 22-0BSV ARS-Map shift on ND DU (FMS or Navigation systems malfunction) 22-0BSV ARS-No indication on the rudder trim indicator 22-0BSV ARS-No response from the FMGC 1 after the BITE test 22-0BSV ARS-OFF legend of FLT CTL/FAC1 p/bsw stays off at disengagement of FAC1 22-0BSV ARS-OFF legend of FLT CTL/FAC2 p/bsw stays off at disengagement of FAC2 22-0BSV ARS-Rudder-trim control- switch inoperative in any direction on FAC 1 22-0BSV ARS-Rudder-trim control- switch inoperative in any direction on FAC 2 22-0BSV ARS-Rudder-trim control- switch inoperative in one direction on FAC 2 22-0BSV ARS-Rudder-trim control- switch inoperative in one direction on FAC 2 22-0BSV ARS-Rudder-trim control- switch inoperative on the FAC 1 22-0BSV ARS-Rudder-trim reset pushbutton-switch inoperative on the FAC 2 22-0BSV ARS-Rudder-trim reset pushbutton-switch inoperative on the FAC 2 22-0BSV ARS-Rudder-trim reset pushbutton-switch inoperative on the FAC 2 22-0BSV ARS-Speed dropping in open climb or climb mode before top of climb ARS-The FD 1 pushbutton switch does not come on after A/C energization 22-0BSV ARS-The FD 1 pushbutton switch does not come on after A/C energization 22-0BSV ARS-The FD 2 pushbutton switch does not come on after A/C energization 22-0BSV ARS-The FD 2 pushbutton switch does not come on after A/C energization 22-0BSV ARS-The FD 2 pushbutton switch does not come on after A/C energization 22-0BSV ARS-The FD 2 pushbutton switch does not come on after A/C energization 22-0BSV ARS-The FD 2 pushbutton switch does not come on after A/C energization 22-0BSV ARS-The FD 2 pushbutton switch does not come on after A/C energization 22-0BSV ARS-The FD 3 pushbutton switch does not come on after A/C energization 22-0BSV ARS-The FD 4 pushbutton switch does not come on after A/C energization 22-0BSV ARS-The FD 5 pushbutton switch does not come on after A/C energization 22-0BSV ARS-The FD 6 pushbutton switch does not come on after A/C energization 22-0BSV ARS-The FD 7 pushbutton switch d		
ARS-Map shift on ND DU (FMS or Navigation systems malfunction) 22-0BSV ARS-No indication on the rudder trim indicator 22-0BSV ARS-No response from the FMGC 1 after the BITE test 22-0BSV ARS-OFF legend of FLT CTL/FAC1 p/bsw stays off at disengagement of FAC1 22-0BSV ARS-OFF legend of FLT CTL/FAC2 p/bsw stays off at disengagement of FAC2 22-0BSV ARS-Rudder-trim control- switch inoperative in any direction on FAC 22-0BSV ARS-Rudder-trim control- switch inoperative in any direction on FAC 2 22-0BSV ARS-Rudder-trim control- switch inoperative in one direction on FAC 2 22-0BSV ARS-Rudder-trim control- switch inoperative in one direction on FAC 2 22-0BSV ARS-Rudder-trim reset pushbutton-switch inoperative on the FAC 1 22-0BSV ARS-Rudder-trim reset pushbutton-switch inoperative on the FAC 2 22-0BSV ARS-Rudder-trim reset pushbutton-switch inoperative on the FAC 2 22-0BSV ARS-Rudder-trim reset pushbutton-switch inoperative on the FAC 2 22-0BSV ARS-Rudder-trim reset pushbutton switch does not come on after A/C energization 22-0BSV ARS-The FD 1 pushbutton switch does not come on after A/C energization 22-0BSV ARS-The FD 2 pushbutton switch does not come on after A/C energization 22-0BSV ARS-The FD 2 pushbutton switch does not come on after A/C energization 22-0BSV ARS-The FMGC 1 does not get the navigation data base from data Loader 22-0BSV ARS-The FMGC 2 does not get the navigation data base from data Loader 22-0BSV ARS-The FMGC 2 does not get the navigation data base from data Loader 22-0BSV ARS-The FMGC 1 form indicator does not confirm rudder movement 22-0BSV ARS-The FMGC 2 does not get the navigation data base from data Loader 22-0BSV ARS-The FMGC 3 form indication on PGDU 2 22-0BSV ARS-The screen is blank on the MCDU 1 22-0BSV ARS-The screen is blank on the MCDU 2 22-0BSV ARS-The screen is blank on the MCDU 2 22-0BSV ARS-The screen is blank on the MCDU 2 22-0BSV ARS-The screen is blank on the MCDU 2 22-0BSV ARS-The SCREEN ARS TREST not OK 22-0BSV ARS-The SCREEN ARS TREST not OK 22-0BSV ARS-The SCREEN ARS TREST not OK		
AFS-No indication on the rudder trim indicator		
ARS-No response from the FMGC 1 after the BITE test		
AFS-OFF legend of FLT CTL/FAC1 p/bsw stays off at disengagement of PAC1		
ARS-OFF legend of FLT CTL/FAC2 p/bsw stays off at disengagement of ACC 2		LL ODGV
AFS-OFF legend of FLT CTL/FAC2 p/bsw stays off at disengagement of FAC2		22-0RSV
AFS-Rudder-trim control- switch inoperative in any direction on FAC 1		22 OD3V
AFS-Rudder-trim control- switch inoperative in any direction on AFAC 1		22_0RSV
ARS - Rudder - trim control - switch inoperative in any direction on FAC 2		22-063V
AFS-Rudder-trim control- switch inoperative in any direction on AFAC 2		22 ARCV
AFS-The FD 2 pushbutton switch does not come on after A/C energization		22-082A
AFS-Rudder-trim control- switch inoperative in one direction on FAC 1		22 0004
AFS-The FD 2 pushbutton switch does not come on after A/C energization		25-0R2A
AFS-Rudder-trim control- switch inoperative in one direction on FAC 2		22 2721
AFS-The FD 2 pushbutton switch does not come on after A/C energization		22-0BSV
AFS-Rudder-trim reset pushbutton-switch inoperative on the FAC 1 22-0BSV AFS-Rudder-trim reset pushbutton-switch inoperative on the FAC 2 22-0BSV AFS-Speed dropping in open climb or climb mode before top of climb 22-0BSV AFS-The FD 1 pushbutton switch does not come on after A/C energization	·	
AFS-Rudder-trim reset pushbutton-switch inoperative on the FAC 2 22-OBSV AFS-Speed dropping in open climb or climb mode before top of climb 22-OBSV AFS-The FD 1 pushbutton switch does not come on after A/C energization		
AFS-Speed dropping in open climb or climb mode before top of climb  AFS-The FD 1 pushbutton switch does not come on after A/C energization		
AFS-The FD 1 pushbutton switch does not come on after A/C energization		
AFS-The FD 1 pushbutton switch does not come on after A/C energization		22-0BSV
AFS-The FD 1 pushbutton switch does not come on after A/C energization		
AFS-The FD 2 pushbutton switch does not come on after A/C energization	energization	22-EFIS
AFS-The FD 2 pushbutton switch does not come on after A/C energization	AFS-The FD 1 pushbutton switch does not come on after A/C	
AFS-The FD 2 pushbutton switch does not come on after A/C energization	energization	22-0BSV
AFS-The FD 2 pushbutton switch does not come on after A/C energization	AFS-The FD 2 pushbutton switch does not come on after A/C	
AFS-The FMGC 1 does not get the navigation data base from data loader	energization	22-EFIS
AFS-The FMGC 1 does not get the navigation data base from data loader	AFS-The FD 2 pushbutton switch does not come on after A/C	
AFS-The FMGC 2 does not get the navigation data base from data loader	energization	22-0BSV
AFS-The FMGC 2 does not get the navigation data base from data loader	AFS-The FMGC 1 does not get the navigation data base from data	
AFS-The rudder trim indicator does not confirm rudder movement 22-OBSV AFS-The screen is blank on the MCDU 1 22-OBSV AFS-The screen is blank on the MCDU 2 22-OBSV AFS-WINDSHEAR TEST not OK 22-OBSV AFS-Wrong VLS, F, S or Green Dot indications on PFD 22-OBSV AIDS - MCDU1 and MCDU2 shows AIDS (TIME OUT) 31-OBSV AIDS - No AIDS Indication on MCDU1 or MCDU2 31-OBSV AIR - CAB TEMP AFT - Zone temp. too low or uncontrollable 21-ECAM AIR - CAB TEMP AFT - Zone temp. too low or uncontrollable 21-OBSV AIR - CAB TEMP ALL - Temperature control problems in all zones 21-OBSV AIR - CAB TEMP ALL - Temperature control problems in one zone 21-OBSV AIR - CAB TEMP ALL - Temperature control problems in one zone 21-OBSV AIR - CAB TEMP ALL - Zone temp. above selected (in flight) 21-OBSV		22-0BSV
AFS-The rudder trim indicator does not confirm rudder movement 22-OBSV AFS-The screen is blank on the MCDU 1 22-OBSV AFS-The screen is blank on the MCDU 2 22-OBSV AFS-WINDSHEAR TEST not OK 22-OBSV AFS-Wrong VLS, F, S or Green Dot indications on PFD 22-OBSV AIDS - MCDU1 and MCDU2 shows AIDS (TIME OUT) 31-OBSV AIDS - No AIDS Indication on MCDU1 or MCDU2 31-OBSV AIR - CAB TEMP AFT - Zone temp. too low or uncontrollable 21-ECAM AIR - CAB TEMP AFT - Zone temp. too low or uncontrollable 21-OBSV AIR - CAB TEMP ALL - Temperature control problems in all zones 21-OBSV AIR - CAB TEMP ALL - Temperature control problems in one zone 21-OBSV AIR - CAB TEMP ALL - Temperature control problems in one zone 21-OBSV AIR - CAB TEMP ALL - Zone temp. above selected (in flight) 21-OBSV	AFS-The FMGC 2 does not get the navigation data base from data	
AFS-The rudder trim indicator does not confirm rudder movement 22-0BSV AFS-The screen is blank on the MCDU 1 22-0BSV AFS-The screen is blank on the MCDU 2 22-0BSV AFS-WINDSHEAR TEST not OK 22-0BSV AFS-Wrong VLS, F, S or Green Dot indications on PFD 22-0BSV AIDS - MCDU1 and MCDU2 shows AIDS (TIME OUT) 31-0BSV AIDS - No AIDS Indication on MCDU1 or MCDU2 31-0BSV AIR - CAB TEMP AFT - Zone temp. too low or uncontrollable 21-0BSV AIR - CAB TEMP AFT - Zone temp. too low or uncontrollable 21-0BSV AIR - CAB TEMP ALL - Temperature control problems in all zones 21-0BSV AIR - CAB TEMP ALL - Temperature control problems in one zone 21-0BSV AIR - CAB TEMP ALL - Temperature control problems in one zone 21-0BSV AIR - CAB TEMP ALL - Zone temp. above selected (in flight) 21-0BSV		22-0BSV
AFS-The screen is blank on the MCDU 1		
AFS-The screen is blank on the MCDU 2		
AFS-WINDSHEAR TEST not OK		
AFS-Wrong VLS, F, S or Green Dot indications on PFD		
AIDS - MCDU1 and MCDU2 shows AIDS (TIME OUT)		
AIDS - No AIDS Indication on MCDU1 or MCDU2		
AIR - CAB TEMP AFT - Zone temp. too low or uncontrollable 21-ECAM AIR - CAB TEMP AFT - Zone temp. too low or uncontrollable 21-OBSV AIR - CAB TEMP ALL - Temperature control problems in all zones 21-OBSV AIR - CAB TEMP ALL - Temperature control problems in one zone 21-OBSV AIR - CAB TEMP ALL - Zone temp. above selected (in flight) 21-OBSV		
AIR - CAB TEMP AFT - Zone temp. too low or uncontrollable 21-OBSV AIR - CAB TEMP ALL - Temperature control problems in all zones 21-OBSV AIR - CAB TEMP ALL - Temperature control problems in one zone 21-OBSV AIR - CAB TEMP ALL - Zone temp. above selected (in flight) 21-OBSV		
AIR - CAB TEMP ALL - Temperature control problems in all zones 21-OBSV AIR - CAB TEMP ALL - Temperature control problems in one zone 21-OBSV AIR - CAB TEMP ALL - Zone temp. above selected (in flight) 21-OBSV		
AIR - CAB TEMP ALL - Temperature control problems in one zone 21-OBSV AIR - CAB TEMP ALL - Zone temp. above selected (in flight) 21-OBSV	·	
AIR - CAB TEMP ALL - Zone temp. above selected (in flight) 21-OBSV		
AIR - CAB TEMP CABIN - Zone temp. above selected 21-0BSV	· · · · · · · · · · · · · · · · · · ·	
	AIR - CAB TEMP CABIN - Zone temp. above selected	∠1-0BSV

EFF: ALL

**I-OBSV** 

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
AIR - CAB TEMP CABIN - Zone temp. above selected (in flight)  AIR - CAB TEMP CKPT - Zone temp. above selected	21-0BSV 21-ECAM 21-0BSV 21-ECAM
confi  AIR - COOLING PACK 1 - FCV does not close during engine start  AIR - COOLING PACK 1 - FCV does not open after engine start  AIR - COOLING PACK 1 - FCV does not open after engine start  AIR - COOLING PACK 1 - FCV fluctation or inaccurate flow regul  AIR - COOLING PACK 1 - Flow indication always shows in HI position  AIR - COOLING PACK 1 - Flow indication stuck in high or low position	21-0BSV 21-ECAM 21-0BSV 21-0BSV 21-0BSV
AIR - COOLING PACK 1/2 - FCV opens during engine start  AIR - COOLING PACK 2 - FCV does not close during engine start  AIR - COOLING PACK 2 - FCV does not open after engine start  AIR - COOLING PACK 2 - FCV does not open after engine start  AIR - COOLING PACK 2 - FCV fluctation or inaccurate flow regul  AIR - COOLING PACK 2 - Flow indication always shows in HI position  AIR - COOLING PACK 2 - Flow indication stuck in high or low	21-0BSV 21-0BSV 21-ECAM 21-0BSV 21-0BSV
position  AIR - CRG HTNG AFT - ECAM temp. indication lower than selected  AIR - DIST CABIN - Smell of oil	21-0BSV 21-0BSV 21-0BSV
flight  AIR - PACK CONT PACK 1 - Discharge temp high >10 Deg.C ground or flight  AIR - PACK CONT PACK 1 - Discharge temp high >10 Deg.C only in flight	21-0BSV
AIR - PACK CONT PACK 1 - High pack dischrge temp despite pack 1 sel. OFF	
temperatures  AIR - PACK CONT PACK 2 - Compressor outlet temp unusually low in flight	
AIR - PACK CONT PACK 2 - Compressor outlet temp unusually low in flight	36-ECAM
flight	
AIR - PACK CONT PACK 2 - High pack dischrge temp despite pack 2 sel. OFF	

EFF: ALL

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
AIR - PRESS CAB ALT Failure to pressurise aircraft after takeoff	
AIR - PRESS CPCS - MCDU no access to CPC 1 menu (on ground)	21-0BSV
AIR - PRESS CPCS - MCDU Test message LFES (50) (no fault class)	
shown	
AIR - PRESS OFV - DITCHING configuration valve does not close	
AIR - PRESS OFV - Fully open on ground	
AIR - PRESS OFV - Fully open on ground	
AIR - PRESS OFV - MAN mode does not operate	
AIR - PRESS OFV - Position not open on ground	
AIR - PRESS OFV - RAM AIR configuration valve does not operate AIR - PRESS SAFETY VALVE - One valve open below Delta P=8.5 psi	Z 1-063V
(in flt)	21-0RSV
AIR APU BLEED LEAK generated on ground with no bleed air supply	
AIR APU BLEED LEAK generated on ground with no bleed air supply	
AIR CONDITIONING DUCT	
AIR ENG1 BLEED LEAK generated on ground with no bleed air supply	
AIR ENG1 BLEED LEAK generated on ground with no bleed air supply	
AIR ENG1 HP VALVE FAULT generated in flight on top of descent	
AIR ENG1 HP VALVE FAULT generated in flight on top of descent	
AIR ENG1 HP VALVE FAULT generated on ground with engine at idle	
AIR ENG1 HP VALVE FAULT generated on ground with engine at idle	
AIR ENG2 BLEED LEAK generated on ground with no bleed air supply	
AIR ENG2 BLEED LEAK generated on ground with no bleed air supply	
AIR ENG2 HP VALVE FAULT generated in flight on top of descent	36-ECAM
AIR ENG2 HP VALVE FAULT generated in flight on top of descent	36-0BSV
AIR ENG2 HP VALVE FAULT generated on ground with engine at idle	36-ECAM
AIR ENG2 HP VALVE FAULT generated on ground with engine at idle	36-0BSV
AIR L WING LEAK generated on ground with APU bleed air supply	
AIR L WING LEAK generated on ground with APU bleed air supply	
AIR L WING LEAK generated on ground with no bleed air supply	
AIR L WING LEAK generated on ground with no bleed air supply	
AIR R WING LEAK generated on ground with APU bleed air supply	
AIR R WING LEAK generated on ground with APU bleed air supply	
AIR R WING LEAK generated on ground with no bleed air supply	
AIR R WING LEAK generated on ground with no bleed air supply	
AIR-COOLING-BELLY FAIRING-Blow out panel- In open position	
ALT BRK - Loss of the pedal artificial feel on the left side  ALT BRK - Loss of the pedal artificial feel on the right side	
ALT BRK - Loss of the pedal artificial feel on the two sides	32-0BSV
ALT BRK - No braking on left LDG gear with yellow hyd press supply	32-0BSV
ALT BRK - No braking on right LDG gear with yellow hyd press supply	
ALT BRK - No braking on wheel 1 with yellow hydraulic press supply	32-0BSV
ALT BRK - No braking on wheel 2 with yellow hydraulic press supply	32-0BSV
ALT BRK - No braking on wheel 3 with yellow hydraulic press supply	32-0BSV
ALT BRK - No braking on wheel 4 with yellow hydraulic press supply	32-0BSV
ALT BRK - No braking with yellow hydraulic pressure supply	32-0BSV
ALTN-BRK-Pressure peaks detected on brake PRESS Y triple indicator	32-0BSV
AMU Incorrect reception at the avncs compt station	

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
AMU Incorrect reception at the capt station	23-0BSV
AMU Incorrect reception at the F/O station	
AMU Incorrect reception at the 3rd occupant station	
AMU Inoperative audio switching CAPT/3	23-0BSV
AMU Inoperative audio switching F/O /3	
AMU Inoperative avncs compt boomset microphone	
AMU Inoperative CAPT loudspeaker	23-0BSV
AMU Inoperative F/O loudspeaker	23-0BSV
AMU Inoperative microphone at the CAPT boomset	23-0BSV
AMU Inoperative microphone at the CAPT oxygen mask	23-0BSV
AMU Inoperative microphone at the F/O boomset	23-0BSV
AMU Inoperative microphone at the F/O oxygen mask	23-0BSV
AMU Inoperative supplementa- ry headset	23-0BSV
AMU Inoperative 3rd occpnt boomset microphone	23-0BSV
ANTI ICE PITOT warning without message on the PFR	30-0BSV
APU - EXHAUST Flames at APU exhaust	49-0BSV
APU - FUEL/OIL LEAKS Fumes in cabin	49-0BSV
APU - FUEL/OIL LEAKS Fumes in the cabin/oil smoke at the APU	
exhaust	
APU - FUEL/OIL LEAKS Oil smoke at the APU exhaust	49-0BSV
APU - High Oil Consumption	49-0BSV
APU - metal chips on magnetic chip detector or speed sensors	49-0BSV
APU AUTO SHUTDOWN	
APU AUTO SHUTDOWN S/D during PWR TRANSF without BITE message	49-0BSV
APU AUTO SHUTDOWN with no BITE message	
APU BLEED AIR SUPPLY The Pressure in the RH X-Bleed Duct is too low	36-0BSV
APU BLEED AIR SUPPLY X-BLEED MAN CTL message appears on STATUS page	36-0BSV
APU BLEED FAULT No, Low or Fluctuating APU Bleed-Air Pressure	49-0BSV
APU No, Low or Fluctuating APU Bleed-Air Pressure	49-0BSV
APU-STORAGE/DISTRIBUTION Oil Filter Clogging Indicator Popped	49-0BSV
ATC-Altitude information not available	34-0BSV
ATC-ATC code change on the ATC/TCAS control unit	34-0BSV
ATC-No display on the ATC/TCAS control unit	
ATC-Test activation not possible on transponder 1 front face	
ATC-Test activation not possible on transponder 2 front face	
	73-0BSV
BIRD STRIKE	
Bleed PRESS fluctuation - high amplitude of 50/8 psi for the ENG 1	
Bleed PRESS fluctuation - high amplitude of 50/8 psi for the ENG 2	
Bleed PRESS fluctuation - low amplitude of 40/48 psi	
Bleed PRESS fluctuation - low amplitude of 44/36 psi	
Bleed PRESS fluctuation of 44/14 psi for the engine 1	
Bleed PRESS fluctuation of 44/14 psi for the engine 2	
BRAKE - Brake overheat	
BRAKE - Brake overheat	
BRAKE - Brake overheat with fuse plug melted	
BRAKE - Brake overheat with fuse plug melted	32-0BSV

EFF: ALL SROS

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### TROUBLE SHOOTING MANUAL

BRAKE - Diffilculty to move the A/C after PRK brake action or braking	
PRAKE Tampanatura inggana without backs action	32-0BSV
BRAKE - Temperature increase without brake action	32-0BSV
BRAKE All brake fans inoperative	32-0BSV
BRAKE Brake fan on the wheel 1 inoperative	32-0BSV
BRAKE Brake fan on the wheel 2 inoperative	
BRAKE Brake fan on the wheel 3 inoperative	
BRAKE Brake fan on the wheel 4 inoperative	
BRAKE Brake fans on the wheel 1 & 2 inoperative	
BRAKE Brake fans on the wheel 3 & 4 inoperative	
BRAKE EMERGENCY Brake Emergency Application or Overheat	
BRAKE- Smoke/dust on brk with ECAM brk temp & wear pin in norm	05 0501
ranges	32-0BSV
BRAKE-Tire bursting during taxi in or just after pushback	
BRAKING - BRAKE GRABBING FELT AT PEDAL OPERATION	
BRAKING - Sudden braking felt at pedal OPERATION	
BSCU - BSCU will not access menu mode (interactive mode)	
CABIN PRESSURE - All red CABIN PRESS warning LT flash with OVPR	
CABIN PRESSURE - All red CABIN PRESS warning LT flash with OVPR	
CABIN PRESSURE - ALL red CABIN PRESS warning LI Itash without OVPR	
CAPT dome lights do not come on	
CAPTAIN dome lights do not come on	
CARGO - fluid spillage in cargo compartment	
CEILING FWD and AFT lights (L side) do not come on	
CEILING FWD and AFT lights (R side) do not come on	24-0BSV
CFDS Failure of the analog links	
CFDS Failure of the digital links	
CFDS Failure of the discretes links	
CLEANING PROCESSES Contamination after fish shipment	
CLEANING PROCESSES Contamination from acid or alkali spillage	
CLEANING PROCESSES Contamination from hydraulic fluid spillage	51-0BSV
CLEANING PROCESSES Contamination from sewage spillage	51-0BSV
CLOCK - Clock not counting	31-0BSV
COCKPIT CALL- aural warn does not operate during ground mechanic	
call	23-0BSV
COCKPIT CALL- horn does not operate during crew member call	23-0BSV
COCKPIT CALL- IND LT and aural warning fail during ground MECH call	
COCKPIT CALL- IND LT and horn do not operate during crew member	
call	23-0BSV
COCKPIT CALL- IND LT continuous operation of the Crew Call Buzzer.	
COM - Upper ECAM DU - right memo - CABIN READY unwanted display	
COM-CIDS ACP - no indication on 1 ACP	
COM-CIDS AIP - no indication on 1 AIP	
COM-CIDS Boarding function - no seatrow number illum	
COM-CIDS boomset/mike failure	
COM-CIDS Cabin alert starts spuriously	
COM-CIDS CIDS - no function	23-0BSV 23-0BSV

EFF: ALL

**I-OBSV** 

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OBSERVATIONS	CH-PB101
COM-CIDS cockpit handset failure	23-0BSV
COM-CIDS Evac horn starts spuriously	
COM-CIDS EVAC- no function of RESET P/B on 2064VU	
COM-CIDS EVAC- no indication on 2064VU	
COM-CIDS Info Sign at one PSIU does not come on	
COM-CIDS Info Signs at one cabin side do not come on	
COM-CIDS loudspeakers-no signals from 1-2 ls. in series	
COM-CIDS MISMATCH - A319 CAM REQURED - CIDS INOP	
COM-CIDS MISMATCH - A320 CAM REQUIRED - CIDS INOP	23-0BSV
COM-CIDS MISMATCH - A321 CAM REQURED - CIDS INOP	23-0BSV
COM-CIDS No PA and INTPHONE from both AFT ATTND stations	23-0BSV
COM-CIDS PA- no PA and Interphone from 1 cabin handset	23-0BSV
COM-CIDS PA- no PA and Interphone from 2 and more handsets	23-0BSV
COM-CIDS Pax Call - no Pax Call from 2-3 PSIUs in series	23-0BSV
COM-CIDS Pax Call- no Pax Call from one PSIU	
COM-CIDS spurious crew call buzzer activation	23-0BSV
COM-CIDS- Abnormal noise from Interphone and PA-System	
COM-CIDS-AAP no control of cabin systems	
COM-CIDS-AIP SERV INT IN USE Message stays on	
COM-CIDS-AIP SERV INT IN USE spuriously displayed	
COM-CIDS-FAP Audio Modul - No or wrong function	
COM-CIDS-FAP Illumination modul - No or wrong function	
COM-CIDS-FAP Miscellaneous Modul - No or wrong function	
COM-CIDS-FAP no Control of cabin functions	
COM-CIDS-PTP CIDS DEGRADATION - CHECK CIDS FUNCT. ATT: XX	
COM-CIDS-PTP CIDS DEGRADATION - CHECK FWD ATTND PANEL	
COM-CIDS-PTP CIDS DEGRADATION - DON'T USE PROGRAMMING MODE	
COM-CIDS-PTP CIDS DEGRADATION - DON'T USE PROGRAMMING MODE	
COM-CIDS-PTP no function	
COM-CIDS-PTP SHORT A319 CAM REQUIRED CIDS INOP	
COM-CIDS-PTP SHORT A320 CAM REQUIRED CIDS INOP	
COM-CIDS-PTP SHORT A321 CAM REQUIRED CIDS INOP	
COM-CIDS-PTP SYSTEM STATUS - CIDS DEGRADATION	
COM-CIDS-PTP SYSTEM STATUS - CIDS FAIL	
COM-CKPT.DOOR SURV.SYS Camera image on LCD stays in last view	23-0BSV
COM-CKPT.DOOR SURV.SYS Camera 1 picture quality bad and green LED	<b>2</b>
is on	23-0BSV
COM-CKPT.DOOR SURV.SYS Camera 1, no picture and the green LED	07 0001
flashes	23-0BSV
COM-CKPT.DOOR SURV.SYS Camera 2 picture quality bad and green LED	27 0001
is on	23-0BSV
COM-CKPT.DOOR SURV.SYS Camera 2, no picture and the green LED	27 0004
flashes	<b>72-082∧</b>
COM-CKPT.DOOR SURV.SYS Camera 3 picture quality bad and green LED	27 0004
is on	<b>72-082∧</b>
COM-CKPT.DOOR SURV.SYS Camera 3, no picture and the green LED	27 OPCV
flashes	
COM-CKPT.DOOR SURV.SYS Failure history cannot be cleared	<b>52-0</b> 82∧

EFF: ALL

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OBSERVATIONS	CH-PB101
COM-CKPT.DOOR SURV.SYS Failure history on LCD incorrectly shown	23-0BSV
COM-CKPT.DOOR SURV.SYS Green LED flashes	23-0BSV
COM-CKPT.DOOR SURV.SYS Images on LCD are not correct	
(bad/dim/bright)	23-0BSV
COM-CKPT.DOOR SURV.SYS Incorrect image on LCD when CKPT entry	
request	
COM-CKPT.DOOR SURV.SYS Incorrect image on LCD when PDM is excited .	23-0BSV
COM-CKPT.DOOR SURV.SYS LCD does not go into Power-Down-Mode (PDM) .	
COM-CKPT.DOOR SURV.SYS LCD screen dark	
CRG COMPT DOOR ELEC SYS Green Ind. Light of AFT CRG Door is not on	52-0BSV
CRG COMPT DOOR ELEC SYS Green Ind. Light of FWD CRG Door is not on	52-0BSV
CRG COMPT DOOR HYD SYS AFT Cargo Door does not close hydraulically	
CRG COMPT DOOR HYD SYS AFT Cargo Door does not open hydraulically .	
CRG COMPT DOOR HYD SYS AFT Cargo Door opens after Unlatching	
CRG COMPT DOOR HYD SYS FWD and AFT Cargo Doors do not operate	
CRG COMPT DOOR HYD SYS FWD Cargo Door does not close hydraulically	
CRG COMPT DOOR HYD SYS FWD Cargo Door does not open hydraulically .	
CRG COMPT DOOR HYD SYS FWD Cargo Door opens after Unlatching	
CSM/G - Incorrect test result of EMER generation system	
CSM/G - Incorrect test result of EMER generation system	24-OBSV
CVR- In CVR test mode, no audio feedback from CVR on CVR headset	
jack	
CVR- In CVR test mode, no audio feedback to CAPT and F/O LS	
CVR- No recording on all CVR channels	
CVR- No recording on CVR microphone channel	
CVR- No recording on one CHAN or all CHAN other than CVR MIC CHAN.	
DATA LOADIND SELECTOR - CFDIU CHAN FAIL	
DATA LOADING SELECTOR - ACARS CHAN FAIL	
DATA LOADING SELECTOR - ACARS uploading not possible	
DATA LOADING SELECTOR - ACMS CHAN FAIL	
DATA LOADING SELECTOR - ACMS uploading not possible	
DATA LOADING SELECTOR - ATSU CHAN FAIL	
DATA LOADING SELECTOR - ATSU uploading not possible	
DATA LOADING SELECTOR - CFDIU uploading not possible	
DATA LOADING SELECTOR - DLRB CHAN FAIL	
DATA LOADING SELECTOR - DLRB uploading not possible	
DATA LOADING SELECTOR - DMC1 CHAN FAIL	
DATA LOADING SELECTOR - DMC1 uploading not possible	
DATA LOADING SELECTOR - DMU uploading not possible	
DATA LOADING SELECTOR - FDR SYS CHAN FAIL	
DATA LOADING SELECTOR - FDR SYS uploading not possible	
DATA LOADING SELECTOR - FMGC1 CHAN FAIL	
DATA LOADING SELECTOR - FMGC1 uploading not possible  DATA LOADING SELECTOR - FMGC2 CHAN FAIL	
DATA LOADING SELECTOR - FMGC2 CHAN FAIL	
DATA LOADING SELECTOR - FMGL2 uploading not possible	
DATA LOADING SELECTOR - SATCOM Uploading not possible	
DATA LOADING SELECTOR - SAILOM uploading not possible	
NAIW FOWNING DEFECTION - TOWN CHAIL THISTORY OF THE STATE	21-0B2A

EFF: ALL I-OBSV

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
DATA LOADING SELECTOR - TCAS uploading not possible	31-0BSV
DATA LOADING SELECTOR - UP-LOADING ERROR	
DATA LOADING SELECTOR DMU CHAN FAIL	31-0BSV
DATALINK - ACARS does not appear in the ACTIVE display of the RMP .	
DATALINK - ACARS stays in the ACTIVE display of the RMP	46-0BSV
DATALINK - Access to ATSU menu not possible on the MCDU MENU page .	46-0BSV
DATALINK - Access to PRINT function not possible on the MCDU	46-0BSV
DATALINK - Communication not possible or ACARS function inoperative	
DATALINK - ECAM Memo - COMPANY DATALINK STBY	
DATALINK - Loss of Datalink Communication in Receive Mode	46-0BSV
DATALINK - Loss of Datalink Communication in Transmit Mode	
DATALINK - Loss of the Frequency Control on All the RMPs	
DATALINK - Loss of the Frequency Control on RMP1	
DATALINK - Loss of the Frequency Control on RMP2	
DATALINK - Loss of the Frequency Control on RMP3	
DATALINK - MCDU - Access to AOC menu not possible	
DATALINK - The clock does not operate anymore	
DATALINK - The memo ACARS STBY is displayed in the upper ECAM DU	
DATALINK - VHF3 cannot Switch to DATA Mode	46-0BSV
DC GEN - APU start-up from the battery 1 is difficult / not	
possible	24-OBSV
DC GEN - APU start-up from the battery 2 is difficult / not	
possible	
DC GEN - BAT1 or BAT2 voltage indication shows 888	
DC GEN - BAT1 pushbutton switch in ON position	
DC GEN - BAT1 pushbutton switch in ON position	
DC GEN - BAT2 pushbutton switch in ON position	
DC GEN - BAT2 pushbutton switch in ON position	
DC GEN - In the cabin, ceiling and window lights are off	
DC GEN - In the cabin, ceiling and window lights are off	
DC GEN - No charging of batteries 1 and 2	
DC SERVICE BUS (601PP) (602PP) not available in ground service	24-065V
CONFIG	2/-OBSV
DC SERVICE BUS(601PP) (602PP) not available in normal config	
DFDRS - Blue ON Indicator Light does not come on	
DME-DME 1 test cannot be started on the MCDU	
DME-DME 2 test cannot be started on the MCDU	
DME-Incorrect identification codes shown on the NDs	
DME-No audio signal from the station when the DME 1 data are shown	
DME-No audio signal from the station when the DME 2 data are shown	
DME-Test activation not possible on the INTRG 1 front face	
DME-Test activation not possible on the INTRG 2 front face	
DOOR - AFT AVIONICS door closed and locked	
DOOR - AFT AVIONICS door closed and locked	
DOOR - AFT AVIONICS door Handle cannot be closed	
DOOR - AFT AVIONICS door Inability to open the door	

EFF: ALL I-OBSV

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OBSERVATIONS	CH-PB101
DOOR - AFT AVIONICS door Signs of chafing or breaks of the door	
seal	52-0BSV
DOOR - FWD AVIONICS door closed and locked	
DOOR - FWD AVIONICS door closed and locked	
DOOR - FWD AVIONICS door Handle cannot be closed	
DOOR - FWD AVIONICS door Inability to open the door	52-0BSV
DOOR - FWD AVIONICS door Signs of chafing or breaks of the door	
seal	
DOOR - L AVIONICS door closed and locked	
DOOR - L AVIONICS door closed and locked	
DOOR - L AVIONICS door handle cannot be closed	
DOOR - L AVIONICS door Inability to open the door	
DOOR - L AVIONICS door Signs of chafing or breaks of the door seal	52-0BSV
DOOR - R AVIONICS door closed and locked	
DOOR - R AVIONICS door closed and locked	
DOOR - R AVIONICS door handle cannot be closed	
DOOR - R AVIONICS door Inability to open the door	
DOOR - R AVIONICS door Signs of chafing or breaks of the door seal	52-0BSV
· ,	52-0BSV
DOOR AFT PAX/CREW door excessive resistance during opening/closing	52-0BSV
DOOR AFT PAX/CREW door excessive speed during opening/closing	
DOOR AFT PAX/CREW door Vibrations and noise felt in the door	52-0BSV
DOOR AFT PAX/CREW door Visual indicator of ESC slide arming POS	_
INOP	52-0BSV
DOOR FWD PAX/CREW door Excessive resistance during opening/closing	52-0BSV
DOOR FWD PAX/CREW door excessive speed during opening/closing	
DOOR FWD PAX/CREW door Vibrations and noise felt in the door	52-0BSV
DOOR FWD PAX/CREW door Visual indicator of ESC slide ARMING POS	
INOP	
DOOR-COCKPIT No buzzer function after key pad operation	
DOOR-L AFT PAX/CREW door cannot be closed	
DOOR-L AFT PAX/CREW door cannot be opened	
DOOR-L AFT PAX/CREW door closed and locked	
DOOR-L AFT PAX/CREW door closed and locked	
DOOR-L AFT PAX/CREW door closed and locked	52-0BSV
DOOR-L AFT PAX/CREW door difficulty to guide and support in UP	<b>50 65 6</b>
	52-0BSV
DOOR-L AFT PAX/CREW door inability to arm the EMER ESCAPE SLIDE	
DOOR-L AFT PAX/CREW door inability to disarm the EMER ESCAPE SLIDE	52-0BSV
DOOR-L AFT PAX/CREW door inadvertent release of the EMER ESCAPE	F2
SLIDE	
DOOR-L AFT PAX/CREW door Inner CTL handle in unlocked position	
DOOR-L AFT PAX/CREW door Inner CTL handle in unlocked position	
DOOR-L AFT PAX/CREW door Lock/unlock not possible (door open)	25-0R2A
DOOR-L AFT PAX/CREW door locking mechanism IND blocked on locked	F2 0F31/
POS TND blocked or velocked	25-0R2A
DOOR-L AFT PAX/CREW door locking mechanism IND blocked on unlocked	F2 656''
POS	25-0R2A

EFF: ALL

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
DOOR-L AFT PAX/CREW door misalignment of the door to the fuselage .	52-0BSV
DOOR-L AFT PAX/CREW door signs of chafing or breaks of the door	
seal	
DOOR-L FWD PAX/CREW door cannot be closed	
DOOR-L FWD PAX/CREW door cannot be opened	
DOOR-L FWD PAX/CREW door closed and locked	
DOOR-L FWD PAX/CREW door closed and locked	
DOOR-L FWD PAX/CREW door closed and locked	52-0BSV
DOOR-L FWD PAX/CREW door difficulty to guide and support in UP	
POSITION	
DOOR-L FWD PAX/CREW door inability to arm the EMER ESCAPE SLIDE	52-0BSV
DOOR-L FWD PAX/CREW door inability to disarm the EMER ESCAPE SLIDE	52-0BSV
DOOR-L FWD PAX/CREW door inadvertent release of the EMER ESCAPE	
SLIDE	52-0BSV
DOOR-L FWD PAX/CREW door Inner CTL handle in unlocked position	52-LOCAL
DOOR-L FWD PAX/CREW door Inner CTL handle in unlocked position	52-0BSV
DOOR-L FWD PAX/CREW door Lock/unlock not possible (door open)	52-0BSV
DOOR-L FWD PAX/CREW door locking mechanism IND blocked on locked	
POS	52-0BSV
DOOR-L FWD PAX/CREW door locking mechanism IND blocked on unlocked	
POS	52-0BSV
DOOR-L FWD PAX/CREW door misalignment of the door to the fuselage .	
DOOR-L FWD PAX/CREW door signs of chafing or breaks of the door	J_ 0_0.
sealseal	52-0BSV
DOOR-R AFT PAX/CREW door cannot be closed	
DOOR-R AFT PAX/CREW door cannot be opened	
DOOR-R AFT PAX/CREW door closed and locked	
DOOR-R AFT PAX/CREW door closed and locked	
DOOR-R AFT PAX/CREW door closed and locked	
DOOR-R AFT PAX/CREW door difficulty to guide and support in UP	
POSITION	52-0BSV
DOOR-R AFT PAX/CREW door inability to arm the EMER ESCAPE SLIDE	
DOOR-R AFT PAX/CREW door inability to disarm the EMER ESCAPE SLIDE	
DOOR-R AFT PAX/CREW door inadvertent release of the EMER ESCAPE	)_
SLIDE	52-0BSV
DOOR-R AFT PAX/CREW door Inner CTL handle in unlocked position	J_ U_U.
DOOR-R AFT PAX/CREW door Inner CTL handle in unlocked position	
DOOR R AFT PAX/CREW door Lock/unlock not possible (door open)	
DOOR-R AFT PAX/CREW door locking mechanism IND blocked on locked	JE 003V
POS	52-0RSV
DOOR-R AFT PAX/CREW door locking mechanism IND blocked on unlocked	72-063V
POS	52_0BCV
DOOR-R AFT PAX/CREW door misalignment of the door to the fuselage .	
<u> </u>	76-009A
DOOR-R AFT PAX/CREW door signs of chafing or breaks on the door	E2_0B0V
seal	
DOOR-R FWD PAX/CREW door cannot be closed	
DOOR-R FWD PAX/CREW door cannot be opened	
DOOR-R FWD PAX/CREW door closed and locked	JZ-ELAM

EFF: ALL

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
DOOR-R FWD PAX/CREW door closed and locked	
POSITION	52-0BSV
SLIDE  DOOR-R FWD PAX/CREW door Inner CTL handle in unlocked position  DOOR-R FWD PAX/CREW door Inner CTL handle in unlocked position  DOOR-R FWD PAX/CREW door Lock/unlock not possible (door open)  DOOR-R FWD PAX/CREW door locking mechanism IND blocked on locked	52-LOCAL 52-OBSV
POS  DOOR-R FWD PAX/CREW door locking mechanism IND blocked on unlocked POS	
DOOR-R FWD PAX/CREW door misalignment of the door to the fuselage . DOOR-R FWD PAX/CREW door signs of chafing or breaks of the door	
seal	52-0BSV 52-0BSV 05-0BSV
engine  EIS - Color display change/abnormal	
EIS - EIS displays go blank with diagonal line after IDG1 connection	31-0BSV
connection  EIS - Loss of NDwaypoint time  EIS - Loss of NDwaypoint time  EIS - the EIS DMC Selector Switch does not operate correctly	31-ECAM 31-OBSV 31-OBSV
EIS- Intermittent diagonal when takeover & priority P/BSW is pushed ELEC - GALLEY pushbutton switch in OFF position	24-ECAM 24-OBSV
ELEC - GEN1 pushbutton switch in ON position  ELEC - GEN1 pushbutton switch in ON position  ELEC - GEN2 pushbutton switch in ON position	24-ECAM 24-OBSV 24-ECAM
ELEC - GEN2 pushbutton switch in ON position	24-ECAM 24-OBSV
ELEC - MAINT BUS/ON switch does not stay in ON position ELEC - No PWR SPLY of A/C ELEC CKTS with AC ground service bus CTL ELEC - No PWR SPLY of A/C ELEC CKTS with AC ground service bus CTL	24-0BSV 24-LOCAL 24-0BSV
ELEC - No PWR SPLY of A/C electrical circuits from APU GEN  ELEC - No PWR SPLY of A/C electrical circuits from APU GEN	

EFF: ALL I-OBSV

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
ELEC - No PWR SPLY of A/C electrical circuits from the external	
	24-LOCAL
ELEC - No PWR SPLY of A/C electrical circuits from the external	
power	
ELEC - Refueling impossible from battery	
ELEC - Refueling inoperative in normal supply configuration	
ELEC C/B Tripped	24-0BSV
ELEC DC-No PWR SPLY from BAT1 and BAT2 with BAT1 and BAT2 P/BSW	2/ 2221
pushed	
ELEC Electrical burning smell or fumes	
ELEC System loss - Computer reset	
ELEC- On ELEC page, TR1, V, current indications are shown in amber	24-ECAM
ELEC- On ELEC page, TR1, V, current indications are shown in amber	24-0BSV
ELEC- On ELEC page, TR2, V, current indications are shown in amber	24-ECAM
ELEC- On ELEC page, TR2, V, current indications are shown in amber	24-0BSV
ELEC-EMER PWR/GEN1 LINE pushbutton switch in ON position	
ELEC-EMER PWR/GEN1 LINE pushbutton switch in ON position	
ENG - differential acceleration	
ENG - Differential acceleration between ENG1 and ENG2	
ENG - Misalignment between throttle control levers at IDLE stop	12-082A
pos	74_0BSV
ENG - N1 and N2 VIB indications replaced by amber XX on both	10-0021
engines	77-0BSV
ENG - N1 indication lost amber XX on ECAM	77-0BSV
ENG - N1 or N2 VIB indication replaced by amber XX on one engine	77-0BSV
ENG - N2 indication lost amber XX on ECAM	77-0BSV
ENG - OIL - External leakage	
ENG - Oil temperature is different between engine 1 and engine 2	79-0BSV
ENG - One engine is at APPR idle, the other at MOD idle during	
descent	
ENG - Slow acceleration	
ENG - Slow acceleration	
ENG - slow acceleration	
ENG - Smoke and/or oil smell in the cabin from engine	
ENG BLEED AIR - High bleed pressure of ENG 1 in climb	
ENG BLEED AIR - High bleed pressure of ENG 1 in cruise	
ENG BLEED AIR - High bleed pressure of ENG 2 in climb	
ENG BLEED AIR - High bleed pressure of ENG 2 in cruise	
ENG BLEED AIR - High bleed temperature of ENG 1 in climb	
ENG BLEED AIR - High bleed temperature of ENG 1 in cruise	
ENG BLEED AIR - High bleed temperature of ENG 1 in descent	
ENG BLEED AIR - High bleed temperature of ENG 2 in climb	
ENG BLEED AIR - High bleed temperature of ENG 2 in cruise	
ENG BLEED AIR - High bleed temperature of ENG 2 in descent	
ENG BLEED AIR - Loss of bleed air from engine 1	
ENG BLEED AIR - Loss of bleed air from engine 2	
ENG BLEED AIR - Low bleed pressure of ENG 1 in climb	56-0BSV

EFF: ALL

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OBSERVATIONS	CH-PB101
ENG BLEED AIR - Low bleed pressure of ENG 1 in cruise	36-0BSV
ENG BLEED AIR - Low bleed pressure of ENG 1 in descent/taxi	
ENG BLEED AIR - Low bleed pressure of ENG 2 in climb	
ENG BLEED AIR - Low bleed pressure of ENG 2 in cruise	
ENG BLEED AIR - Low bleed pressure of ENG 2 in descent/taxi	
ENG BLEED AIR - Low bleed temperature of ENG 1 in climb	
ENG BLEED AIR - Low bleed temperature of ENG 1 in climb	
ENG BLEED AIR - Low bleed temperature of ENG 1 in cruise	
ENG BLEED AIR - Low bleed temperature of ENG 1 in cruise	
ENG BLEED AIR - Low bleed temperature of ENG 1 in descent	
ENG BLEED AIR - Low bleed temperature of ENG 1 in descent	
ENG BLEED AIR - Low bleed temperature of ENG 2 in climb	
ENG BLEED AIR - Low bleed temperature of ENG 2 in climb	
ENG BLEED AIR - Low bleed temperature of ENG 2 in cruise	
ENG BLEED AIR - Low bleed temperature of ENG 2 in cruise	
ENG BLEED AIR - Low bleed temperature of ENG 2 in descent	
ENG BLEED AIR - Low bleed temperature of ENG 2 in descent	
ENG BLEED AIR ONE PACK ONLY IF WAI ON status message	
ENG Failure of the engine anti-ice sense line	
ENG FIRE DET-ENG1 FIRE legend on without ENG1 FIRE warning on ECAM	
ENG FIRE DET-ENG2 FIRE legend on without ENG2 FIRE warning on ECAM	
ENG FIRE DET-FIRE Legend of ENG1 ANN on without ENG1 FIRE WARN on	
ECAM	26-0BSV
ENG FIRE DET-FIRE legend of ENG1 annunciator does not come on	
ENG FIRE DET-FIRE legend of ENG2 ANN on without ENG2 FIRE WARN on	
ECAM	26-0BSV
ENG FIRE DET-FIRE legend of ENG2 annunciator does not come on	
ENG FIRE DET-Lower half of ENG1 FIRE legend does not come on	
ENG FIRE DET-Lower half of ENG2 FIRE legend does not come on	
ENG FIRE DET-No ENG1 FIRE warning on ECAM during the fire test	
ENG FIRE DET-No ENG1 FIRE warning on ECAM when ENG1 FIRE legend on	
ENG FIRE DET-No ENG2 FIRE warning on ECAM during the fire test	
ENG FIRE DET-No ENG2 FIRE warning on ECAM when ENG2 FIRE legend on	
ENG FIRE DET-Upper half of ENG1 FIRE legend does not come on	
ENG FIRE DET-Upper half of ENG2 FIRE legend does not come on	
ENG FIRE EXTING-DISCH legend of ENG 1 AGENT 1 P/BSW does not come	
on	26-0BSV
ENG FIRE EXTING-DISCH legend of ENG 1 AGENT 1 P/BSW is on	
ENG FIRE EXTING-DISCH legend of ENG 1 AGENT 2 P/BSW does not come	20 0201
on	26-0BSV
ENG FIRE EXTING-DISCH legend of ENG 1 AGENT 2 P/BSW is on	
ENG FIRE EXTING-DISCH legend of ENG 2 AGENT 1 P/BSW does not come	
on	26-0BSV
ENG FIRE EXTING-DISCH legend of ENG 2 AGENT 1 P/BSW is on	
ENG FIRE EXTING-DISCH legend of ENG 2 AGENT 2 P/BSW does not come	_5 0504
on	26-0BSV
ENG FIRE EXTING-DISCH legend of ENG 2 AGENT 2 P/BSW is on	
ENG TIRE EXITED PIDON COUNTY CONTROL OF ENGLE AGENT E F/DOW TO OH TITTITE	-0 0D34

EFF: ALL

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
ENG FIRE EXTING-SQUIB legend of ENG 1 AGENT 1 P/BSW does not come	
on	26-0BSV
ENG FIRE EXTING-SQUIB legend of ENG 1 AGENT 2 P/BSW does not come	
on	26-0BSV
ENG FIRE EXTING-SQUIB legend of ENG 2 AGENT 1 P/BSW does not come	04 0004
onENG FIRE EXTING-SQUIB legend of ENG 2 AGENT 2 P/BSW does not come	26-0BSA
on	26-0RSV
ENG FIRE 1 BUTTON has no effect on ENG 1 LP VALVE	
ENG FIRE 2 BUTTON has no effect on ENG 2 LP VALVE	
ENG 1 - "CHECK" message is shown near engine 1 EGT indication	
ENG 1 - "CHECK" message is shown near engine 1 FF indication	
ENG 1 - "CHECK" message is shown near engine 1 N1 indication	
ENG 1 - "CHECK" message is shown near engine 1 N2 indication	77-0BSV
ENG 1 - All parameters are not XX when engine 1 shut down after 5	
	77-0BSV
ENG 1 - All parameters are XX with FADEC GND PWR P/BSW selected ON	
ENG 1 - Amber XX instead of the oil pressure indication	
ENG 1 - Amber XX instead of the oil quantity indication	
ENG 1 - Amber XX instead of the oil temp indication	
ENG 1 - Automatic start mode, starter shut off valve does not open	
<pre>ENG 1 - Blow out/flame out</pre>	11-082A
STOP	77_0BSV
ENG 1 - During ENG start, all engine 1 parameters are XX	
ENG 1 - During start, all engine 1 parameters are XX	
ENG 1 - During start, N1 rotor does not turn	
ENG 1 - EGT above 915°C during Max Continuous	
ENG 1 - EGT above 950°C during Take Off	
ENG 1 - EGT indication permanently equal to 15°C (default value)	
ENG 1 - engine acceleration on ground with no order	
ENG 1 - engine auto acceleration	77-0BSV
ENG 1 - engine N1 auto deceleration	77-0BSV
ENG 1 - Engine roll back	
ENG 1 - Engine roll back	
ENG 1 - Engine Stall	72-0BSV
ENG 1 - FAN VIB higher than or equal to 4 units and lower than 6 units	77 OBCV
units	//-083V
units	77_0RSV
ENG 1 - FAN VIB higher than or equal to 8 units	
ENG 1 - FAN VIB less than 4 units with noise/rumble	
ENG 1 - Fuel filter clog	
ENG 1 - fuel flow indication stays at zero	
ENG 1 - fuel flow replaced by XX on the upper ECAM	
ENG 1 - Fuel leak at the drain mast during engine start (cold	
condition)	71-0BSV
ENG 1 - Fuel Leak at the Turbine Rear Frame water drain	71-0BSV

EFF: ALL I-OBSV

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
ENG 1 - Fuel used replaced by XX on the lower ECAM	73-0BSV
ENG 1 - Hung start with slow acceleration to idle after light off .	73-0BSV
ENG 1 - Hung start with slow acceleration to idle after light off .	80-0BSV
ENG 1 - Idle speeds (minimum or approach) too high or too low	
ENG 1 - Idle speeds (minimum or approach) too high or too low	
ENG 1 - Incorrect power after take off (N1 mismatch)	
ENG 1 - Incorrect power after take off (N1 mismatch)	
<pre>ENG 1 - Loss of the EGT indication (amber XX on upper ECAM display)</pre>	
ENG 1 - No light off with correct fuel flow	
ENG 1 - No noise/rumble	
ENG 1 - No noise/rumble	
ENG 1 - no throttle response	
ENG 1 - N1 actual is lower than N1 command	
ENG 1 - N1 indication (actual) or N1 command fluctuation ENG 1 - N1 mismatch at climb	
ENG 1 - N1 mismatch at ctimb	
ENG 1 - N1 mismatch at take off	
ENG 1 - N1 VIB higher than 2 units and lower than 4 units	
ENG 1 - N1/N2 mismatch on the same engine	
ENG 1 - N2 VIB higher than or equal to 4.2 and lower than 5.4 units	
ENG 1 - N2 VIB higher than or equal to 4.2 and lower than 5.4 units	
ENG 1 - N2 VIB higher than or equal to 5.5 units	
ENG 1 - N2 VIB higher than or equal to 5.5 units	
ENG 1 - N2 VIB higher than 1.3 units and lower than 4.2 units	
ENG 1 - Oil pressure indication flashes green	79-0BSV
ENG 1 - Oil pressure indication higher than the other engine	79-0BSV
ENG 1 - Oil pressure lower than the other engine	
ENG 1 - Oil quantity decreases faster than the other engine	
ENG 1 - Oil quantity fluctuation	
ENG 1 - Oil quantity indication higher than on the other engine	
ENG 1 - Oil temperature indication becomes amber	
ENG 1 - Red X display next to N2 indication on ECAM	
ENG 1 - REVERSER FAULT at engine shut-down	
<pre>ENG 1 - REVERSER FAULT at engine shut-down</pre>	
ENG 1 - Slow start before light off sequence seized come	
ENG 1 - 310W start berore tight off sequence serzed come	
ENG 1 - Thrust Reverser Slow to deploy or does not deploy	
ENG 1 - Uncommanded continuous IGNITION after engine start	
ENG 1 - Vibration with noise at approximately 51% N1	
ENG 1 LP VALVE symbol on FUEL page does not show valve position	0201
correctl	28-0BSV
ENG 1 or 2 - Uncommanded engine to idle in flight or on ground	
ENG 1 T/R REV - Indication steady or flashing amber on ECAM	
ENG 1 T/R REV - N1 fluctuations at reverse power selection	
ENG 2 - "CHECK" message is shown near engine 2 EGT indication	
ENG 2 - "CHECK" message is shown near engine 2 FF indication	
ENG 2 - "CHECK" message is shown near engine 2 N1 indication	77-0BSV

EFF: ALL I-OBSV

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
ENG 2 - "CHECK" message is shown near engine 2 N2 indication ENG 2 - All parameters are not XX when engine 2 shut down after 5	
ENG 2 - All parameters are XX with FADEC GND PWR P/BSW selected ON	
ENG 2 - Amber XX instead of the oil pressure indication	
ENG 2 - Amber XX instead of the oil quantity indication	
ENG 2 - Amber XX instead of the oil temp indication	
ENG 2 - Automatic start mode, starter shut off valve does not open	
ENG 2 - Blow out/flame out	1,1-0R2A
ENG 2 - During ENG shut down sequence with FIRE P/B: ENG DOES NOT	77 OBCV
STOP	
<pre>ENG 2 - During ENG start, all engine 2 parameters are XX</pre> ENG 2 - During start, all engine 2 parameters are XX	
ENG 2 - During start, N1 rotor does not turn	
ENG 2 - EGT above 915°C during Max Continuous	
ENG 2 - EGT above 950°C during Take Off	
ENG 2 - EGT indication permanently equal to 15°C (default value)	
ENG 2 - engine accelerationon ground with no order	
ENG 2 - engine auto acceleration	
ENG 2 - engine N1 auto deceleration	
ENG 2 - Engine roll back	
ENG 2 - Engine roll back	
ENG 2 - Engine Stall	
ENG 2 - FAN VIB higher than or equal to 4 units and lower than 6	
units	77-0BSV
ENG 2 - FAN VIB higher than or equal to 6 units and lower than 8	
units	
ENG 2 - FAN VIB higher than or equal to 8 units	
ENG 2 - FAN VIB less than 4 units with noise/rumble	
ENG 2 - Fuel filter clog	
ENG 2 - fuel flow indication stays at zero	
ENG 2 - fuel flow replaced by XX on the upper ECAM	73-0BSV
ENG 2 - Fuel leak at the drain mast during engine start (cold	=4
condition)	
ENG 2 - Fuel Leak at the Turbine Rear Frame water drain	
ENG 2 - Fuel used replaced by XX on the lower ECAM	
ENG 2 - Hung start with slow acceleration to idle after light off.	
ENG 2 - Hung start with slow acceleration to idle after light off.	
ENG 2 - Idle speeds (minimum or approach) too high or too low	
<pre>ENG 2 - Idle speeds (minimum or approach) too high or too low ENG 2 - Incorrect power after take off (N1 mismatch)</pre>	
ENG 2 - Incorrect power after take off (N1 mismatch)	
ENG 2 - Loss of the EGT indication (amber XX on upper ECAM display)	
ENG 2 - Loss of the EGT indication (amber XX on upper ECAM display)	
ENG 2 - No noise/rumble	
ENG 2 - No noise/rumble	_
ENG 2 - no throttle response	
ENG 2 - N1 actual is lower than N1 command	

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
ENG 2 - N1 indication (actual) or N1 command fluctuation	77-0BSV
ENG 2 - N1 mismatch at climb	
ENG 2 - N1 mismatch at take off	
ENG 2 - N1 mismatch during flex take off	
ENG 2 - N1 VIB higher than 2 units and lower than 4 units	
ENG 2 - N1/N2 mismatch on the same engine	
ENG 2 - N2 VIB higher than or equal to 4.2 and lower than 5.4 units	
ENG 2 - N2 VIB higher than or equal to 4.2 and lower than 5.4 units	
ENG 2 - N2 VIB higher than or equal to 5.5 units	
ENG 2 - N2 VIB higher than or equal to 5.5 units	
ENG 2 - N2 VIB higher than 1.3 units and lower than 4.2 units	
ENG 2 - Oil pressure indication flashes green	
ENG 2 - Oil pressure indication higher than the other engine	79-0BSV
ENG 2 - Oil pressure lower than the other engine	79-0BSV
ENG 2 - Oil quantity decreases faster than the other engine	79-0BSV
ENG 2 - Oil quantity fluctuation	
ENG 2 - Oil quantity indication higher than on the other engine	
ENG 2 - Oil temperature indication becomes amber	
ENG 2 - Red X display next to N2 indication on ECAM	
ENG 2 - REVERSER FAULT at engine shut-down	
ENG 2 - REVERSER FAULT at engine shut-down	
ENG 2 - Slow start acceleration to idle after light off	
ENG 2 - Slow start before light off sequence seized come	
ENG 2 - T/R REV REV indication remains amber	
ENG 2 - Thrust Reverser Slow to deploy or does not deploy	
ENG 2 - Uncommanded continuous IGNITION after engine start	
ENG 2 - Vibration with noise at approximately 51% N1	11-0B2V
	39 ABCV
correctl	
ENG 2 T/R REV - Indication steady or flashing amber on ECAM	
ENG 2 T/R REV - N1 fluctuations at reverse power selection	
ENGINE - ENG 1 NACELLE TEMP indication flashing green	
ENGINE - ENG 1 NACELLE TEMP indication flashing green	
ENGINE - ENG 2 NACELLE TEMP indication flashing green	
ENGINE - ENG 2 NACELLE TEMP indication flashing green	
ENGINE - engine bird strike	
ENGINE - engine failure	
ENGINE - engine side loads	
ENGINE - engine slush ingestion	05-0BSV
ENGINE - High idle speed on both engines	71-0BSV
ENGINE WINDMILLING Engine Windmilling (After Engine	05-0BSV
ENG1 - During engine start sequence: ENG does not spoll up to idle	
ENG1 - During engine start sequence: ENG does not spoll up to idle	
ENG1 - During engine start sequence: engine starts then shuts down	
ENG1 - During engine start sequence: engine starts then shuts down	77-0BSV
ENG1 - During normal ENG shut down sequence: ENG does not stop	
ENG1 - During normal ENG shut down sequence: ENG does not stop	
ENG1 - During normal engine operation: engine stops	
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EFF: ALL I-OBSV

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
ENG1 - During normal engine operation: engine stops	77-0BSV
ENG1 - EGT fluctuation with other parameters stable	
ENG1 - Master Magnetic Chip Detector pop out extended	
ENG1 Oil - High oil consumption	
ENG2 - During engine start sequence: ENG does not spoll up to idle	77-ECAM
ENG2 - During engine start sequence: ENG does not spoll up to idle	77-0BSV
ENG2 - During engine start sequence: engine starts then shuts down	77-ECAM
ENG2 - During engine start sequence: engine starts then shuts down	77-0BSV
ENG2 - During normal ENG shut down sequence: ENG does not stop	77-ECAM
ENG2 - During normal ENG shut down sequence: ENG does not stop	77-0BSV
ENG2 - During normal engine operation: engine stops	77-ECAM
ENG2 - During normal engine operation: engine stops	77-0BSV
ENG2 - EGT fluctuation with other parameters stable	77-0BSV
ENG2 - Master Magnetic Chip Detector pop out extended	79-0BSV
ENG2 Oil - High oil consumption	79-0BSV
EQUIP/FURNIS - DOOR AREA HTG - AFT EMER EXIT - All panels are INOP	25-0BSV
EQUIP/FURNIS - DOOR AREA HTG - AFT EMER EXIT - The LH panel is INOP	25-0BSV
EQUIP/FURNIS - DOOR AREA HTG - AFT EMER EXIT - The RH panel is INOP	
EQUIP/FURNIS - DOOR AREA HTG - EMER EXIT - All panels are INOP	25-0BSV
EQUIP/FURNIS - DOOR AREA HTG - FWD EMER EXIT - All panels are INOP	25-0BSV
EQUIP/FURNIS - DOOR AREA HTG - FWD EMER EXIT - The LH panel is INOP	
EQUIP/FURNIS - DOOR AREA HTG - FWD EMER EXIT - The RH panel is INOP	
EQUIP/FURNIS - GALLEY EQUIP - Beverage-Maker is inoperative	
EQUIP/FURNIS - GALLEY EQUIP - Coffee-Maker is inoperative	25-0BSV
EQUIP/FURNIS - GALLEY EQUIP - Hot-Cup is inoperative	25-0BSV
EQUIP/FURNIS - GALLEY EQUIP - Hot-Jug is inoperative	
EQUIP/FURNIS - GALLEY EQUIP - Noise behind an oven or a steam-oven	
EQUIP/FURNIS - GALLEY EQUIP - Oven is inoperative	
EQUIP/FURNIS - GALLEY EQUIP - Water-Heater is inoperative	
EQUIP/FURNIS - PAX SEATS - CAB - FWD MCU ELEC PW R NOT AVAIL	25-0BSV
EQUIP/FURNIS - PAX SEATS - CAB - ON Lamp CONV SE ATS SW does not	
come on	
EQUIP/FURNIS - PAX SEATS - CAB - ON Lamp SW 56HP does not come on .	25-0BSV
EQUIP/FURNIS - PAX SEATS - CAB - PED SPLY during OT of OXY SYS	
AVAIL	
EQUIP/FURNIS - PAX SEATS - CAB - Seat Assembly P ED SPLY NOT AVAIL	
EQUIP/FURNIS - PAX SEATS - CAB - Seat Group PED SPLY NOT AVAIL	25-0BSV
EQUIP/FURNIS - PAX SEATS - CAB - Seat Row ELEC a djustment NOT	
AVAIL	25-0BSV
EQUIP/FURNIS - PAX SEATS - CPT - ON Lamp PED PWR 56VU does not	_
come on	25-0BSV
EQUIP/FURNIS - SLIDES CAB/EXITS - NO AUTOMATIC ESCAPE SLIDE	_
DEPOLYMENT	
EQUIP/FURNISH - GALLEY Trolley or Trolley Compartment not cooled	
F/CTL - Alternating Current Supply (ACS) - Short Circuit	
F/CTL - AMM Task 279600710018 Results not Satisfactory	
F/CTL - AMM Task 279600710022 Test not OK	
F/CTL - AMM 272300710001 Operational test not possible	27-0BSV

EFF: ALL

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
F/CTL - AMM 272300720001 Functional test not possible	
F/CTL - AMM 279600710007 Aileron damping test result not OK	
F/CTL - AMM 279600710008 Elevator damping test result not OK	
F/CTL - Disagree between RUD indicator and rudder trim index	
F/CTL - Disagree of the THS position indication	27-0BSV
F/CTL - ELAC1 FAULT at ENGINE start with ELAC1 P/B SW FAULT legend	27 ARCV
off	51-082A
F/CTL - ELAC1 FAULT at ENGINE stop with ELAC1 P/B SW FAULT legend off	27 OPCV
F/CTL - ELAC2 FAULT at ENGINE start with ELAC2 P/B SW FAULT legend	21-0B3V
off	27_0RSV
F/CTL - ELEVATOR - A/C pitch up or down more than 2.5 deg per	21 0034
minute	27-0BSV
F/CTL - flap/slat extension at more than flap/slat limiting speed.	
F/CTL - FLAPS - Flags do not agree with flap position	
F/CTL - FLAPS - Flap menu not available on CFDIU	
F/CTL - FLAPS - Flaps not in TO configuration	
F/CTL - FLAPS - Flaps not in TO configuration	
F/CTL - FLAPS - Torque limiter tripped	
F/CTL - FLAPS - WTB applied during APU start on batteries	
F/CTL - FLAPS - WTB applied during APU start on batteries	
F/CTL - Loss of page automatic call during Check List	
F/CTL - Pitch trim control wheel stiffness	
F/CTL - Rudder pedals not locked in AP mode	
F/CTL - Rudder trim out of the Limits	
F/CTL - Side stick not locked in AP mode	
F/CTL - SLATS - Flags do not agree with slat position	27-0BSV
F/CTL - SLATS - SFCC test gives message NO FAULTS BUT	
F/CTL - SLATS - SFCC test gives message PERFORMED WITH FAULT	
F/CTL - SLATS - SFCC test gives OTHER SFCC ARM SIGNAL NOT TESTED	27-0BSV
F/CTL - SLATS - Slat flap menu is shown when slat menu is selected	27-0BSV
F/CTL - SLATS - Slat menu not available	
F/CTL - SLATS - SLAT WTB/POB test does not complete	
F/CTL - SLATS - Slats not in TO configuration	
F/CTL - SLATS - Slats not in TO configuration	
F/CTL - SLATS - SLATS SLOW shown in green on STATUS page	
F/CTL - SLATS - SLATS SLOW shown in green on STATUS page	
F/CTL - SLATS - WTB comes on during APU start with batteries	
F/CTL - SLATS - WTB comes on during APU start with batteries	
F/CTL - Speedbrakes not retracted	
F/CTL - Speedbrakes not retracted	
F/CTL - Spurious Side Stick Indication on Primary Flight Display	
F/CTL - Vibrations felt along the cabin and in the cockpit	
F/CTL - Vibrations felt along the cabin and in the cockpit	
F/CTL - Vibrations felt in the cabin and along the fuselage	
F/CTL - Vibrations felt in the rear cabin	
F/CTL - Yaw and/or roll jerk very hard	
F/CTL - Yaw and/or roll jerk very hard	21-0B2A

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
F/CTL Aileron damping test not possible (LH and RH)	27-0BSV
F/CTL Aileron Oscillation	
F/CTL AMM TASK 272400 710002 Results not satisfactory	
F/CTL CAPT and F/O pedals stiffness	27-0BSV
F/CTL Elevator damping test not possible	27-0BSV
F/CTL Elevator damping test not possible (decoding)	27-0BSV
F/CTL Roll jerk	
F/CTL Roll jerk	
F/CTL Wrong Aileron Position Indication	
F/CTL Wrong Spoiler Position Indication	27-0BSV
F/CTL- ELAC2 FAULT at ENGINE stop with ELAC2 P/B SW FAULT legend	
off	27-0BSV
FIRE - APU FIRE DET - Loss of columns 1 and 3 of APU FIRE P/BSW	
legend	26-0BSV
FIRE - APU FIRE DET - Loss of columns 2 and 4 of APU FIRE P/BSW	
legend	
FIRE - CARGO SMOKE DET Indicator light does not come on	
FIRE - LAV SMOKE DET Smoke and/or oil smell in the cabin	
FIRE - LAV SMOKE DET Smoke and/or oil smell in the cabin	
FIRE - LAV SMOKE DET SMOKE DET FAIL LAV A	
FIRE - LAV SMOKE DET SMOKE DET FAIL LAV A	
FIRE - LAV SMOKE DET SMOKE DET FAIL LAV B	
FIRE - LAV SMOKE DET SMOKE DET FAIL LAV B	
FIRE - LAV SMOKE DET SMOKE DET FAIL LAV D	
FIRE - LAV SMOKE DET SMOKE DET FAIL LAV D	
FIRE - LAV SMOKE DET SMOKE DET FAIL LAV E	
FIRE - LAV SMOKE DET SMOKE DET FAIL LAV E	
FIRE - LAV SMOKE DET SMOKE DET FAIL LAV F	
FIRE - LAV SMOKE DET SMOKE DET FAIL LAV F	
FIRE - LAV SMOKE DET SMOKE DET FAIL LAV H	
FIRE - LAV SMOKE DET SMOKE DET FAIL LAV H	
FLAP SFCC TEST gives message NO FAULTS BUT	
FLAP SFCC TEST gives message OTHER SFCC ARM SIGNAL NOT TESTED	
FLAP SFCC TEST gives message PERFORMED WITH FAULT	
FLAP WTB/POB TEST does not complete	
FLAPS SLOW shown in green on STATUS page	
FLAPS SLOW shown in green on STATUS page	
Flaps-Vibration during approach	
FOOT WARMERS - Captain and F/O cockpit foot warmers inoperative	
FOOT WARMERS - Captain cockpit foot warmers inoperative	
FOOT WARMERS - F/O cockpit foot warmers inoperative	
FOOT WARMERS - Left captain cockpit foot warmer inoperative	
FOOT WARMERS - Left F/O cockpit foot warmer inoperative	
FOOT WARMERS - Right captain cockpit foot warmer inoperative	
FOOT WARMERS - Right F/O cockpit foot warmer inoperative	25-0BSV
FQ CKPT PRESEL (20VU) AFQ and PFQ displays are blank post	
installation	
FUEL - ACT XFR SYS - Auto XFR symbol shown but no fuel transfers .	28-0BSV

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
FUEL - ACT XFR SYS - ACT Manual XFR FWD pump low pressure	28-0BSV
FUEL - ACT XFR SYS - ACT transfer pump C/B 25QH tripped	
FUEL - ACT XFR SYS - Auto XFR symbol goes when ACT XFR FAULT given	28-0BSV
FUEL - ACT XFR SYS - Fuel transfer symbol not shown when necessary	28-0BSV
FUEL - ACT XFR SYS - Fuel transfer symbol shown when not necessary	28-0BSV
FUEL - ACT XFR SYS - Leak monitor 184QM (ACT shroud) shows fuel	
leak	28-0BSV
FUEL - ACT XFR SYS - No auto fuel transfer to the center tank	
FUEL - ACT XFR SYS - No MAN fuel XFR to CTR CTR tank during flight	
FUEL - ACT XFR SYS - No MAN fuel XFR to CTR tank when on the ground	
FUEL - ACT XFR SYS - pressurization fault	
FUEL - ACT XFR SYS - XFR symbol shown in MANUAL but not in AUTO	
transfer	28-0BSV
FUEL - APU LP Valve does not operate with one motor	
FUEL - APU Pump does not operate with the FUEL LINE VENT P/BSW	
FUEL - Auto feed FAULT legend not on at P/BSW 48QA when necessary.	
FUEL - Auto feed FAULT legend on at P/BSW 48QA when not necessary.	
FUEL - Auto Refuel Stops at more than 200kg above selected quantity	
FUEL - Auto Refuel Stops at more than 200kg above selected quantity	
FUEL - Auto transfer FAULT legend not on at P/BSW 4QL when	
necessary	28-0BSV
FUEL - Auto transfer FAULT legend on at P/BSW 4QL when not	
necessary	28-0BSV
FUEL - AUTO TRANSFER FAULT warning given when not necessary	
FUEL - AUTO TRANSFER FAULT warning not given when necessary	28-0BSV
FUEL - CABIN AIR - Cabin air smells of fuel	
FUEL - CROSSFEED - Valve does not open (close)	28-0BSV
FUEL - CROSSFEED - Valve opens (closes) slowly	28-0BSV
FUEL - CROSSFEED - Valve shows closed/in-transit when valve is open	28-ECAM
FUEL - CROSSFEED - Valve shows closed/in-transit when valve is open	28-0BSV
FUEL - CROSSFEED - Valve shows open/in-transit when valve is closed	28-ECAM
FUEL - CROSSFEED - Valve shows open/in-transit when valve is closed	28-0BSV
FUEL - CROSSFEED P/BSW-4QE ON legend does not come on	28-0BSV
FUEL - CROSSFEED P/BSW-4QE OPEN legend does not come on	28-0BSV
FUEL - CTR TK PMPS 1 & 2 Pumps do not run and no FAULT indication	
shown	28-ECAM
FUEL - CTR TK PMPS 1 & 2 Pumps do not run and no FAULT indication	
shown	28-LOCAL
FUEL - CTR TK PMPS 1 & 2 Pumps do not run and no FAULT indication	
shown	
FUEL - CTR TK PUMP(S) Do not run after slat retraction	
FUEL - CTR TK PUMP(S) Do not run after slat retraction	
FUEL - CTR TK PUMP(S) Do not stop at CTR TK low fuel level	
FUEL - CTR TK PUMP(S) Do not stop at CTR TK low fuel level	
FUEL - CTR TK PUMP(S) Do not stop at W/TK(S) inner-cell full-level	28-ECAM
FUEL - CTR TK PUMP(S) Do not stop at W/TK(S) inner-cell full-level	28-0BSV
FUEL - CTR TK PUMPS - do not operate after CTR TK is refueled from	
empty	28-0BSV

EFF: ALL

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
FUEL - CTR TK PUMPS - do not reset (de-latch) after a refuel  FUEL - CTR TK PUMP1 37QA debris/unwanted material found in	28-0BSV
inlet/outlet	28-0BSV
inlet/outlet	28-0RSV
FUEL - CTR TK, L XFR Fuel continues to be transferred by Jet Pump 1	
FUEL - CTR TK, L XFR Fuel continues to be transferred by Jet Pump 1	
FUEL - CTR TK, L XFR Fuel does not transfer using Jet Pump 1	
FUEL - CTR TK, L XFR Fuel does not transfer using Jet Pump 1	
FUEL - CTR TK, L XFR Fuel does not transfer using Jet Pump 1	
FUEL - CTR TK, L XFR Fuel transfers by gravity only	
FUEL - CTR TK, L XFR Fuel transfers by gravity only	
FUEL - CTR TK, L XFR No fuel transfer by gravity or L Jet Pump	
FUEL - CTR TK, L XFR No fuel transfer by gravity or L Jet Pump	
FUEL - CTR TK, L(R) XFR unwanted material/debris found in the	_0 0D0V
•	28-0BSV
FUEL - CTR TK, R XFR Fuel continues to be transferred by Jet Pump 2	
FUEL - CTR TK, R XFR Fuel continues to be transfered by Jet Pump 2	
FUEL - CTR TK, R XFR Fuel does not transfer using Jet Pump 2	
FUEL - CTR TK, R XFR Fuel does not transfer using Jet Pump 2	
FUEL - CTR TK, R XFR Fuel does not transfer using Jet Pump 2	
FUEL - CTR TK, R XFR Fuel transfers by gravity only	
FUEL - CTR TK, R XFR Fuel transfers by gravity only	
FUEL - CTR TK, R XFR No fuel transfer by gravity or R Jet Pump	
FUEL - CTR TK, R XFR No fuel transfer by gravity or R Jet Pump	
FUEL - Discharge from L NACA vent when CTR TK pump 1 in MAN	
operation	28-0BSV
FUEL - Discharge from L NACA vent when X-feeding from R side	
FUEL - Discharge from R NACA vent when CTR TK pump 2 in MAN	
operation	28-0BSV
FUEL - Discharge from R NACA vent when X-feeding from L side	
FUEL - ECAM FQIs fluctuate when ADIRS is set to OFF (or non op)	
FUEL - ECAM WARNING L(R) W/TANK O/FLOW given when systems not	
installed	28-0BSV
FUEL - ENG LP SHUT-OFF - ENG 1 LP valve closes slowly, opens	
correctly	28-0BSV
FUEL - ENG LP SHUT-OFF - ENG 1 LP valve does not open	28-ECAM
FUEL - ENG LP SHUT-OFF - ENG 1 LP valve does not open	28-0BSV
FUEL - ENG LP SHUT-OFF - ENG 1 LP valve opens and closes slowly	
FUEL - ENG LP SHUT-OFF - ENG 1 LP VLV opens slowly, closes	
correctly	28-0BSV
FUEL - ENG LP SHUT-OFF - ENG 2 LP valve closes slowly, opens	
correctly	
FUEL - ENG LP SHUT-OFF - ENG 2 LP valve does not open	28-ECAM
FUEL - ENG LP SHUT-OFF - ENG 2 LP valve does not open	28-0BSV
FUEL - ENG LP SHUT-OFF - ENG 2 LP valve opens and closes slowly	
FUEL - ENG LP SHUT-OFF - ENG 2 LP valve opens slowly, closes	
correctly	28-0BSV

EFF: ALL

**I-OBSV** 

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
FUEL - FQIS - During wet weather - intermittent degraded	
indications	28-0BSV
FUEL - FQIS - During wet weather - intermittent probe faults reported	28_0BSV
FUEL - FQIS FQIs fluctuate when ADIRS is set to OFF (or non op)	
Fuel - FQIS indicators show blank when only battery power available	
FUEL - Imbalance developing when center tank pumps in operation	
FUEL - INTERCELL XFR - Fuel drains from OTR to INR cell when closed	
FUEL - INTERCELL XFR - Fuel drains from OTR to INR cell when closed	
FUEL - INTERCELL XFR - FWD XFR valves do not close (delatch)	28-0BSV
FUEL - INTERCELL XFR - FWD XFR valves do not latch at fuel low level	29 ABCV
FUEL - INTERCELL XFR - Rear XFR valves do not close (delatch)	
FUEL - INTERCELL XFR - Rear XFR valves do not close at low fuel	20 0034
level	28-0BSV
FUEL - INTERCELL XFR - XFR valves spurious movements/operations	28-0BSV
FUEL - L & R W/TK PMPS 1 Pumps do not run and no FAULT indication	
shown	28-ECAM
FUEL - L & R W/TK PMPS 1 Pumps do not run and no FAULT indication shown	29 1 0041
FUEL - L & R W/TK PMPS 1 Pumps do not run and no FAULT indication	20-LUCAL
shown	28-0BSV
FUEL - L & R W/TK PMPS 2 Pumps do not run and no FAULT indication	
shown	28-ECAM
FUEL - L & R W/TK PMPS 2 Pumps do not run and no FAULT indication	
shown	28-LOCAL
FUEL - L & R W/TK PMPS 2 Pumps do not run and no FAULT indication shown	28_0BSV
FUEL - L FQI increases more than expected when X-feeding from R	20-063V
side	28-0BSV
FUEL - L(R) WG TK PMPS 1 Fail to operate before ENG 1 start, then	
OK	28-0BSV
FUEL - L/WING PUMP1 21QA debris/unwanted material found in	20. 2021
inlet/outlet	28-0B2A
inlet/outlet	28-0BSV
FUEL - Leak - FOB at departure significantly more than FOB plus FU	
FUEL - Leak shown by significant decrease in FOB + FU during flight	
FUEL - LEAKAGE - Discharge from the drain mast	
FUEL - LEAKAGE - Leak monitor 500QM (center tank) shows fuel leak .	
FUEL - LVL SENSING - Memo message FOB BELOW 3 T not shown	
FUEL - LVL SENSING - Memo message FOB BELOW 3 T shown permanently .  FUEL - MAIN PUMPS (ANY) fuel does not transfer but fuel pressure	∠8-0BSV
is OK	28-0BSV
FUEL - MAIN PUMPS (ANY) fuel slow to transfer but fuel pressure is	20 0D3V
OK	28-0BSV
FUEL - MAIN PUMPS - AUTO FEED FAULT warning given when not	
necessary	28-0BSV

EFF: ALL

**I-OBSV** 

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
FUEL - MAIN PUMPS - AUTO FEED FAULT warning not given when	
necessary	28-0BSV
FUEL - MAIN PUMPS - CTK tank pump 1(2) C/B 29QA (30QA) tripped	
FUEL - MAIN PUMPS - CTR tank pumps do not stop after slat extention	
FUEL - MAIN PUMPS - ENG1 not receiving pumped fuel	
FUEL - MAIN PUMPS - ENG1 not receiving pumped fuel	
FUEL - MAIN PUMPS - ENG1 not receiving pumped fuel	28-0BSV
FUEL - MAIN PUMPS - ENG1 receiving pumped fuel from CTR TK PUMP No	22 -2
1 MATH PUMPS FNG4	28-ECAM
FUEL - MAIN PUMPS - ENG1 receiving pumped fuel from CTR TK PUMP No	20 10041
1FUEL - MAIN PUMPS - ENG1 receiving pumped fuel from CTR TK PUMP No	28-LUCAL
— · · · · · · · · · · · · · · · · · · ·	29 OBCV
1FUEL - MAIN PUMPS - ENG2 not receiving pumped fuel	
FUEL - MAIN PUMPS - ENG2 not receiving pumped fuel	
FUEL - MAIN PUMPS - ENG2 not receiving pumped fuel	
FUEL - MAIN PUMPS - ENG2 receiving pumped fuel from CTR TK PUMP No	ZO ODSV
2	28-FCAM
FUEL - MAIN PUMPS - ENG2 receiving pumped fuel from CTR TK PUMP No	LO LOAD
2	28-LOCAL
FUEL - MAIN PUMPS - ENG2 receiving pumped fuel from CTR TK PUMP No	
2	28-0BSV
FUEL - MAIN PUMPS - L(R) wing tank pump 1 C/B 1QA(2QA) tripped	
FUEL - MAIN PUMPS - L(R) wing tank pump 1 C/B 11QA(12QA) tripped	
FUEL - MAIN PUMPS - L(R) wing tank pump 2 C/B 7QA(8QA) tripped	
FUEL - Man. Refuel Fails to start in one, two, or all three main	
tanks	28-0BSV
FUEL - Manual Refuel Fails to start in one, two, or all three tanks	28-0BSV
FUEL - PANEL 800VU - TEST switch set to HIGH	28-LOCAL
FUEL - PANEL 800VU - TEST switch set to HIGH	28-0BSV
FUEL - PANEL 800VU - Test switch set to LTS	
FUEL - PANEL 800VU - Test switch set to LTS	
FUEL - PUMP CANISTER 1QM L/WING/TK/OUTER found to contain debris	
FUEL - PUMP CANISTER 2QM L/WING/TK/INR found to contain debris	
FUEL - PUMP CANISTER 3QM R/WING/TK/INR found to contain debris	
FUEL - PUMP CANISTER 4QM R/WING/TK/OUTER found to contain debris	28-0BSV
FUEL - PUMP CANISTER 84QM (CTR TK left side) found to contain	
debris	28-0BSV
FUEL - PUMP CANISTER 85QM (CTR TK right side) found to contain	
debris	28-0BSV
FUEL - QTY INDICATING - During cold weather FQIs are seen to	20 676
fluctuate	
FUEL - QTY INDICATING - ECAM fuel quantity indications fluctuate	
FUEL - QTY INDICATING - FQIS quantity indications fluctuate	<b>58-0R2∧</b>
FUEL - QTY INDICATING - Goes degraded associated multiple probe	20 0004
failures	<b>∇</b> 8-ΩR2Λ
FUEL - QTY INDICATING - Goes inoperative with multiple probe	20 0004
failures	<b>₹0-0₽2</b> V

EFF: ALL I-OBSV

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
FUEL - R FQI increases more than expected when X-feeding from L	
side	28-0BSV
inlet/outlet	29 OBCV
FUEL - R/WING PUMP2 26QA debris/unwanted material found in	20-0B3V
inlet/outlet	28-0BSV
FUEL - REFUEL/DEFUEL - Auto refuel does not start	
FUEL - REFUEL/DEFUEL - Auto refuel does not start	
FUEL - REFUEL/DEFUEL - Auto refuel does not stop	
FUEL - REFUEL/DEFUEL - Auto refuel does not stop	
FUEL - REFUEL/DEFUEL - Auto refuel of ACT1 does not start	
FUEL - REFUEL/DEFUEL - Defuel/transfer does not operate	
FUEL - REFUEL/DEFUEL - Defuel/transfer does not operate	28-0BSV
FUEL - REFUEL/DEFUEL - Imbalance causes auto refuel to stop	28-LOCAL
FUEL - REFUEL/DEFUEL - Imbalance causes auto refuel to stop	28-0BSV
FUEL - REFUEL/DEFUEL - Imbalance in flight or on the ground	
FUEL - REFUEL/DEFUEL - Manual refuel does not start	
FUEL - REFUEL/DEFUEL - Manual refuel of ACT 1 does not start	
FUEL - REFUEL/DEFUEL - Memo message REFUELG not shown	28-0BSV
FUEL - REFUEL/DEFUEL - Memo message REFUELG when refuel panel	
closed	
FUEL - REFUEL/DEFUEL - READY TO REFUEL lamp not on	
FUEL - REFUEL/DEFUEL - Refuel panel floodlight does not come on	
FUEL - REFUEL/DEFUEL - Refuel panel floodlight does not come on	
FUEL - REFUEL/DEFUEL - Spillage from NACA vent during refuel	
FUEL - REFUEL/DEFUEL - Unwanted fuel transfer between wing tanks	
FUEL - REFUEL/DEFUEL PNL (800VU) does not power-up	29-0B2A
FUEL - STORAGE - Heavy microbial contamination in the storage systems	28_0BCV
FUEL - STORAGE - Leak monitor 185QM shows fuel leakage	
FUEL - STS INFORMATION shows L OUTER TK UNUSABLE	
FUEL - STS INFORMATION Shows L OUTER TK UNUSABLE	
FUEL - STS INFORMATION shows R OUTER TK UNUSABLE	
FUEL - STS INFORMATION shows R OUTER TK UNUSABLE	
FUEL - TANKS - Fuel leak from AFT pylon drain ports	
FUEL - TANKS - Unwanted material found in the L wing TK outboard	
of Rib2	28-0BSV
FUEL - TANKS - Unwanted material found in the R wing TK outboard	
of Rib2	28-0BSV
FUEL - TANKS, L SURGE TK - too much fuel found in water drain 21QM	
sumpi	28-0BSV
FUEL - TANKS, LEFT WING too much water found at O/CELL drain valve	
23QM	28-0BSV
FUEL - TANKS, R SURGE TK - too much fuel found in water drain 22QM	
sumpi	28-0BSV
FUEL - TANKS, RIGHT WING too much water found at O/CELL drain	
valve 24Q	28-0BSV

EFF: ALL

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
FUEL - Unwanted XFR from a WG TK to CTR TK when WG TK pumps only	
· ·	28-0BSV
FUEL - Unwanted XFR from left or right wing tank to center TK at	20 0004
<u> </u>	28-0BSV
FUEL - Unwanted XFR from left wing tank to the center tank at any	39 ABCV
time	28-0B2A
	28-0BSV
FUEL - While TEST switch on COCKPIT REFUEL Pnl (51VU) is held in	
FUEL - While TEST switch on COCKPIT REFUEL Phl (51VU) is held in	
FUEL - WING TANK FUSED CONNECTOR PLUGS installed	
FUEL - WING TANK FUSED CONNECTOR PLUGS installed	
FUEL - 5QT PRESELECT QTY fails to INC/DEC when on BATTery POWER	20 0201
•	28-0BSV
FUEL CKPT FQ PRESELECTOR 10QT CKPT legend does not come on at LTS	
	28-0BSV
FUEL CKPT FQ PRESELECTOR 10QT END legend does not come on at LTS	
test	28-0BSV
FUEL CKPT FQ PRESELECTOR 10QT LEDs do not come on at LTS test	28-0BSV
FUEL FQIS L(R) Wing Tank under reads by up to 400 kg(880lb)	
intermittent	28-0BSV
FUEL FQIS L(R) 34QT1(2) intermittently reported during wet weather	28-0BSV
FUEL imbalance between L&R inner tanks with all pumps running	
,	28-ECAM
FUEL imbalance between L&R inner tanks with all pumps running	
	28-0BSV
FUEL imbalance between wing tanks with all pumps running normally .	
FUEL imbalance between wing tanks with all pumps running normally.	
FUEL imbalance developes more quickly than expected when X-feeding	28-0BSV
FUEL L/R INNR TK HI TEMP advisory given when fuel not hotter than	22 2721
J	28-0BSV
FUEL L/R INNR TK HI TEMP advisory not given when fuel hotter than	20 0004
45degFUEL L/R INNR TK HI TEMP warning given when fuel not hotter than	28-0BSV
54deq.C	29 ABCV
FUEL L/R INNR TK HI TEMP warning not given when fuel hotter than	20-0B3V
54deg.C	28-0BSV
FUEL L/R INNR TK LO TEMP advisory given when fuel not colder than	20 0034
-38deg	28-0BSV
FUEL L/R INNR TK LO TEMP advisory not given when fuel colder than	20 0001
-38deg	28-0BSV
FUEL L/R INNR TK LO TEMP warning given when fuel not colder than	
-43deg	28-0BSV
FUEL L/R INNR TK LO TEMP warning not given when fuel colder than	· <del>-</del> -
-43degC	28-0BSV
FUEL L/R OUTR TK HI TEMP advisory given when fuel not hotter than	
55deg	28-0BSV

EFF: ALL

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
FUEL L/R OUTR TK HI TEMP advisory not given when fuel hotter than	
55deg	28-0BSV
FUEL L/R OUTR TK HI TEMP warning given when fuel not hotter than	20 0004
60deg.C	58-082A
60deg.C	28-0BSV
FUEL L/R OUTR TK LO TEMP advisory given when fuel not colder than	
-38deg	28-0BSV
FUEL L/R OUTR TK LO TEMP advisory not given when fuel colder than	22
-38deg	28-0BSV
FUEL L/R OUTR TK LO TEMP warning given when fuel not colder than -43deg.	28-ORSV
FUEL L/R OUTR TK LO TEMP warning not given when fuel colder than	ZO OBSV
-43degC	28-0BSV
FUEL L/R WING TK HI TEMP advisory given when fuel not hotter than	
46deg	28-0BSV
FUEL L/R WING TK HI TEMP advisory not given when fuel hotter than 46deg.	29 OBSV
FUEL L/R WING TK HI TEMP warning given when fuel not hotter than	20-083V
55deg.C	28-0BSV
FUEL L/R WING TK HI TEMP warning not given when fuel hotter than	
55deg.C	28-0BSV
FUEL L/R WING TK LO TEMP advisory given when fuel not colder than	20 0004
-40degFUEL L/R WING TK LO TEMP advisory not given when fuel colder than	58-082A
-40deg	28-0BSV
FUEL L/R WING TK LO TEMP warning given when fuel not colder than	
-45deg	28-0BSV
FUEL L/R WING TK LO TEMP warning not given when fuel colder than	22 2721
-45degCFUEL QTY INDICATOR 6QT LEDs do not come on at LTS test	
FUEL QTY PRESELECTOR 5QT CKPT legend does not come on at LTS test.	
FUEL QTY PRESELECTOR 5QT END legend does not come on at LTS test	
FUEL QTY PRESELECTOR 5QT LEDs do not come on at LTS test	28-0BSV
FUEL STATUS REPORT(BITE) CH1 shows GRADEX on FQIS STATUS when	
CB1QT pull	28-0BSV
FUEL STATUS REPORT(BITE) CH1 shows GRADE4 on FQIS STATUS when CB2QT pull	28-ORSV
FUEL STATUS REPORT(BITE) CH2 shows GRADEX on FQIS STATUS when	ZO OBSV
CB2QT pull	28-0BSV
FUEL STATUS REPORT(BITE) CH2 shows GRADE4 on FQIS STATUS when	
CB1QT pull	28-0BSV
FUEL 10QT PRESELECTED FQ fails to decrease when DEC/INC is set to DEC	28_0PSV
FUEL 10QT PRESELECTED FQ fails to increase when DEC/INC is set to	20-0B2A
INC	28-0BSV
FUEL 5QT PRESELECTED FQ fails to decrease when DEC/INC is set to	· <del>-</del> -
DEC	28-0BSV

EFF: ALL

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
FUEL 5QT PRESELECTED FQ fails to increase when DEC/INC is set to	
INC	28-0BSV
FUEL- W/TK fuel pump FLT LT fails to momentarily show when pump	
set to o	28-0BSV
FUEL-CTR TK FUSED ADPTR 7509VC-A/B - A FUSED LINK OPERATES AGAIN	
FUEL-CTR TK FUSED ADPTR 7512VC-A/B - A FUSED LINK OPERATES AGAIN	
FUEL-CTR TK Pump 1 fails to run for 2 min in auto mode at main	
ENGS star	28-ORSV
FUEL-CTR TK Pump 1 fails to stop in auto >2 min after last ENG	LO ODGV
start	28-0RSV
FUEL-CTR TK Pump 2 fails to run for 2 min in auto mode at main	20 0034
ENGS star	28_0BCV
FUEL-CTR TK Pump 2 fails to stop in auto >2 min after last ENG	20-083V
	20 0004
start	<b>58-0</b> 82∧
FUEL-L/WG/TK FUSED CNCTR PLUG 4041VC-A - A FUSED LINK OPERATES	20 0000
AGAIN	28-0BSV
FUEL-L/WG/TK FUSED CNCTR PLUG 4043VC-A - A FUSED LINK OPERATES	
AGAIN	28-0BSV
FUEL-R/WG/TK FUSED CNCTR PLUG 4042VC-A - A FUSED LINK OPERATES	
AGAIN	28-0BSV
FUEL-R/WG/TK FUSED CNCTR PLUG 4044VC-A - A FUSED LINK OPERATES	
AGAIN	28-0BSV
FUEL-TANK VENTING - ACT1 overpressure protector 170QM1 broken	28-0BSV
FUEL-TANK VENTING-CTR TK overpressure protector 96QM broken	28-0BSV
FUEL-TANK VENTING-L/S/TK leak from overpressure protector 46QM	
outlet	28-0BSV
FUEL-TANK VENTING-L/S/TK overpressure protector 46QM broken	28-0BSV
FUEL-TANK VENTING-L/W/TK leak from overpressure protector at panel	
540HB	28-0BSV
FUEL-TANK VENTING-L/W/TK leak from overpressure protector at panel	
540PB	28-0BSV
FUEL-TANK VENTING-L/W/TK overpressure protector on panel 540HB	20 0201
broken	28-0RSV
FUEL-TANK VENTING-L/W/TK overpressure protector on panel 540PB	20 OD3V
hroken	28-0BSV
or over	20-0B3V
FUEL-TANK VENTING-L/W/TK overpressure protector 102QM broken (at	20 0004
Rib 15)	<b>58-0</b> 82∧
FUEL-TANK VENTING-R/S/TK leak from overpressure protector 47QM	22 2721
outlet	
FUEL-TANK VENTING-R/S/TK overpressure protector 47QM broken	28-0BSV
FUEL-TANK VENTING-R/W/TK leak from overpressure protector at panel	
640HB	28-0BSV
FUEL-TANK VENTING-R/W/TK leak from overpressure protector at panel	
640PB	28-0BSV
FUEL-TANK VENTING-R/W/TK overpressure protector on panel 640HB	
broken	28-0BSV
FUEL-TANK VENTING-R/W/TK overpressure protector on panel 640PB	
broken	28-0BSV

EFF: ALL

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
FUEL-TANK VENTING-R/W/TK overpressure protector 103QM broken (at	
Rib 15)	28-0BSV
FUEL, apparent transfer between L&R INN TKS when Xfeed valve shows	20 5044
close	20-ELAM
close	28-0BSV
FUEL, apparent transfer between wing tanks when Xfeed valve shows	20 0201
closed	28-ECAM
FUEL, apparent transfer between wing tanks when Xfeed valve shows	
closed	
FWC-Captain Loudspeaker doesn't operate	
FWC-F/O Loudspeaker doesn't operate	
page	
FWS-On MCDU, access to ECAM1/OEB DATABASE page not possible	
FWS-On MCDU, access to ECAM2/OEB DATABASE page not possible	
FWS-On MCDU, CROSSLOAD FAILED is shown on ECAM1/OEB DATABASE page . FWS-On MCDU, CROSSLOAD FAILED is shown on ECAM2/OEB DATABASE page .	
FWS-On MCDU, NO RESPONSE is shown on ECAM1/OEB DATABASE page	
FWS-On MCDU, UNABLE TO CROSSLOAD is shown on ECAM1/0EB DATABASE	31 0034
page	31-0BSV
FWS-On MCDU, UNABLE TO CROSSLOAD is shown on ECAM2/OEB DATABASE	
page	
FWS-On MCDU, UPDATE FAILED is shown on ECAM1/OEB DATABASE page	
FWS-On MCDU, UPDATE FAILED is shown on ECAM2/OEB DATABASE page	
GPWS-Continuous inhibition of flap condition	
GPWS-Continuous selection of LDG FLAP 3 position	
GPWS-FAULT legend of the GPWS/SYS p/bsw does not come on	
GPWS-GPWS legend of the GPWS/G/S p/bsw stays off with aural warning	
GPWS-GPWS legend of the PULL UP/GPWS p/bsw stays off with aural	34 OB34
warning	34-0BSV
GPWS-GPWS test cannot be started on the MCDU	
GPWS-Inhibition of flap condition not possible	34-0BSV
GPWS-No aural warning with visual alert on the main instrument	
panel	
GPWS-OFF legend of the GPWS/FLAP MODE p/bsw does not come on	
GPWS-OFF Legend of the GPWS/G/S MODE p/bsw does not come on	
GPWS-OFF Legend of the GPWS/SYS p/bsw does not come on	
GPWS-ON legend of the GPWS/LDG FLAP 3 p/bsw does not come on GPWS-Permanent inhibition of the glide slope mode inoperative	
GPWS-PULL UP legend of PULL UP/GPWS p/bsw stays off with aural	34-0B3V
warning	34-0BSV
GPWS-Selection of LDG FLAP 3 position not possible	
GPWS-Self-test function inoperative	
GPWS-Spurious GPWS faults on ground during taxiing or lining-up	
GPWS-Spurious GPWS faults on ground during taxiing or lining-up	
GPWS-Temporary inhibition of the glide slope mode inoperative	34-0BSV

EFF: ALL

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
GROUND SEVERE CONDITIONS - severe conditions on ground	05-0BSV
HAIL STRIKE	
HF1 & HF2 Loss of both systems	
HF1 Audio signal after 15 s of emission	
HF1 Loss of emission	
HF1 Loss of reception	23-0BSV
HF1 Loss of the system	23-0BSV
HF1/HF2 Loss of one or two HF transmission/reception	23-0BSV
HF2 Audio signal after 15 s of emission	23-0BSV
HF2 Loss of emission	23-0BSV
HF2 Loss of reception	23-0BSV
HF2 Loss of the system	
High bleed pressure fluctuation on engine 1 at take-off or climb	
High bleed pressure fluctuation on engine 2 at take-off or climb	
HIGH WINDS - very high winds on ground	
HYD - Blue E-Pump continues running	
HYD - Blue E-Pump in OFF position, E-Pump Symbol IN-Line	
HYD - Blue Sys Press in Amber, Sys Flag in White and Sys Arrow i	
Green	29-0BSV
R HYD - Blue Sys shows correct Pressure, E-Pump Symbol shows	
R crossline	
HYD - Blue Sys shows correct Pressure, E-Pump Symbol shows LO	
HYD - BLUE SYS- Reservoir Pressure out of Tolerance	
HYD - External hydraulic leaks	
HYD - Green EDP-Pump in OFF position, EDP Symbol shows IN-Line .	
HYD - Green Sys Press in Amber, Sys Flag in White and Sys Arrow	
Green	
HYD - Green Sys shows correct Pressure, EDP Symbol shows LO	
HYD - GREEN SYS- Reservoir Pressure out of Tolerance	
HYD - POWER TRANSFER Continuous Running of PTU after ENG 1+2 Sta	
HYD - POWER TRANSFER Continuous running of the PTU	
HYD - POWER TRANSFER Continuous running of the PTU (Green to Yellow) .	
HYD - POWER TRANSFER Low pressure of the PTU (Green to Yellow).	
HYD - POWER TRANSFER Low pressure of the PTU (Yellow to Green).	
HYD - POWER TRANSFER Low Pressure of the PTU (Yellow to Green).	
HYD - POWER TRANSFER PTU Running with Cargo Doors in Operation .	
HYD - POWER TRANSFER Unwanted operation of PTU during engine sta	
HYD - RAT unwanted deployment of the RAT in flight	
HYD - RESERVOIR No pressurization of the reservoirs possible	
HYD - Yellow E-Pump continuous operation of the electric pump	
HYD - Yellow E-Pump continuous operation of the electric pump	
HYD - Yellow E-Pump intermittent operation of the electric pump	
HYD - Yellow E-Pump no hydraulic pressure with E-pump in operati	
HYD - Yellow EDP-Pump in OFF position, EDP Symbol shows IN-Line	
HYD - Yellow Sys Press in Amb, Sys Flag in White and Sys Arrow in	
Green	
HYD - Yellow Sys shows correct Pressure, EDP Symbol shows LO	
•	

EFF: ALL I-OBSV

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SROS

### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
HYD - YELLOW SYS- Reservoir Pressure out of Tolerance	29-0BSV 29-0BSV 30-0BSV 24-0BSV
IDG 1 Oil Temperature is higher than IDG 2, but is below high limit.  IDG 2 High oil consumption	24-0BSV 24-0BSV
<pre>limit. IDG1 - Differential Pressure Indicator (DPI) is extended IDG1 - Sightglass the oil level is in the yellow or red band IDG2 - Differential Pressure Indicator (DPI) is extended IDG2 - Sightglass the oil level is in the yellow or red band</pre>	24-0BSV 24-0BSV 24-0BSV 24-0BSV
ILS-ILS1 test cannot be started on the MCDU	34-0BSV 34-0BSV 34-0BSV 34-0BSV
ILS-No audio signal from the station when the ILS 2 data are shown ILS-No audio signal from the station when the MMR 1 data are shown ILS-No audio signal from the station when the MMR 2 data are shown ILS-Spurious Warnings during Electrical Power Transfers	34-ECAM 34-OBSV
ILS-Test activation not possible on the receiver 1 front face ILS-Test activation not possible on the receiver 2 front face ILS1(2RT1-1RT1) OR MMR1 (4ORT1)/ISIS(22FN-10FC) on the face of ISIS ILS1(2RT1-1RT1) OR MMR1 (4ORT1)/ISIS(22FN-10FC) on the face of ISIS IN-FLIGHT EXCESSIVE LOAD FACTOR - excessive load factor in maneuver	34-0BSV 34-LOCAL 34-0BSV
IN-FLIGHT EXCESSIVE LOAD FACTOR - excessive load factor in turbulence	05-0BSV 32-0BSV 31-0BSV
INDG/RCDG - FWC - UNWANTED (SPURIOUS) INDICATION/WARNING	31-0BSV 31-0BSV 34-0BSV
groun  IR - ALIGN legend of IR2 annunciator does not come on  IR - ALIGN legend of IR3 annunciator comes on at power transfer on groun  IR - ALIGN legend of IR3 annunciator does not come on	34-0BSV 34-0BSV 34-0BSV
IR - Disagree between FMS and IRS on POSITION MONITOR page on MCDU	54-08SV

EFF: ALL I-OBSV

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
IR - FAULT legend of IR1 annunciator comes on at power transfer on	
groungroun	
IR - FAULT legend of IR1 annunciator stays off with ECAM warning	34-0BSV
IR - FAULT legend of IR2 annunciator comes on at power transfer on	
groun	
IR - FAULT legend of IR2 annunciator stays off with ECAM warning	34-0BSV
IR - FAULT legend of IR3 annunciator comes on at power transfer on	
groun	
IR - FAULT legend of IR3 annunciator stays off with ECAM warning	
ISIS(22FN-10FC) ALTITUDE FUNCTION message on the face of ISIS	
ISIS(22FN-10FC) ALTITUDE FUNCTION message on the face of ISIS	
ISIS(22FN-10FC) ATTITUDE FUNCTION message on the face of ISIS	
ISIS(22FN-10FC) ATTITUDE FUNCTION message on the face of ISIS	
ISIS(22FN-10FC) message on the face of ISIS	
ISIS(22FN-10FC) message on the face of ISIS	
SIS(22FN-10FC) SPEED OR MACH FUNCTION message on the face of ISIS	
SIS(22FN-10FC) SPEED OR MACH FUNCTION message on the face of ISIS	
./G - EXT/RETRACTION - After the selection of L/G to down	
./G - EXT/RETRACTION - After the selection of L/G to down	
/G - EXT/RETRACTION - CFDS messages shown during LGCIU BITE test .	
/G - EXT/RETRACTION - Fault code H138 or H146 shown in T/S data	
./G - EXT/RETRACTION - Fault code H138 or H146 shown in T/S data	
<pre>/G - EXT/RETRACTION - L/G and doors operate OK after re-selection</pre>	
./G - EXT/RETRACTION - L/G and doors operate OK after re-selection	
/G - EXT/RETRACTION - L/G and doors operate OK after re-selection	
./G - EXT/RETRACTION - L/G doors will not cycle	
/G - EXT/RETRACTION - L/G doors will not cycle	
./G - EXT/RETRACTION - L/G lever will not move to the up position .	
/G - EXT/RETRACTION - L/G lever will not move to the up position .	
/G - EXT/RETRACTION - Landing gear doors open at 265 knots	
./G - EXT/RETRACTION - Landing gear doors open at 265 knots	32-0BSV
/G - EXT/RETRACTION - Lubrication, MLG FWD pintle bearing	
Hifficult	32-0BSV
./G - EXT/RETRACTION - NLG shock ABS extention thought to be	_
ncorrect	32-ECAM
/G - EXT/RETRACTION - NLG shock ABS extention thought to be	
ncorrect	
/G - EXT/RETRACTION - No access to LGCIU interactive mode	
/G - EXT/RETRACTION - One indicator shows red two show green	
/G - EXT/RETRACTION - One indicator shows red two show green	
/G - EXT/RETRACTION - One indicator shows red two show green	
/G - EXT/RETRACTION - Safety valve fails power interrupt test	32-0BSV
./G - EXT/RETRACTION - Vibration/noise during MLG EXT/RETRACTION	
est	
./G - extension at more than the geardown limiting speed	
./G - MLG Shock absorber hydraulic leakage	
./G DOORS - L/G Doors will not close when opened for maintenance	
_/G DOORS - MLG (LH) not easy to open with the GND handle	32-0BSV

EFF: ALL I-OBSV

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SROS

R R R

### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
L/G DOORS - MLG (RH) not easy to open with the GND handle  L/G when the L/G control lever is moved to the up position  L/G when the L/G control lever is moved to the up position  LANDING - hard /overweight landing	32-ECAM 32-OBSV 05-OBSV
LANDING LIGHTS-FAULT ISO Landing Light 7LB (8LB) does not extend LANDING LIGHTS-FAULT ISO Landing Light 7LB (8LB) does not retract .  LANDING LIGHTS-FAULT ISO Ldg.Light 7LB (8LB) ex. but light does	
not come	
offLATERAL JERK AT TAKE-OFF	05-0BSV
LEAKS - permitted values	
LIGHT - ANN LT TST and DIM - Failure of one annunciator light only LIGHT - ANN LT TST and DIM - Failure of several annunciator lights	
LIGHT - ANN LT TST and DIM - Loss of the dimming function	33-0BSV
LIGHT - AVNCS COMPT LTG - Aft & left LAT compt dome lights failure	
LIGHT - AVNCS COMPT LTG - Fwd & R LAT compt dome lights failure LIGHT - AVNCS COMPT LTG - Fwd avionics compt dome lights failure	
LIGHT - AVNCS COMPT LTG - Integral dome lighting failure	
LIGHT - AVNCS COMPT LTG - One dome light failure	
LIGHT - AVNCS COMPT LTG -Aft avionics compt dome lights failure	
LIGHT - General ILLUM - Cockpit outlet failure	
LIGHT - General ILLUM - Failure at the CAPT console and briefcase	33-063V
lt	33-0BSV
LIGHT - General ILLUM - Failure at the CAPT dome light	
LIGHT - General ILLUM - Failure at the F/O dome light LIGHT - General ILLUM - Failure of CAPT SEAT console and briefcase	
lt	33-0BSV
lt	33-0BSV
LIGHT - General ILLUM - Failure of the CAPT lighting flood	
LIGHT - General ILLUM - Failure of the CAPT map table light	
LIGHT - General ILLUM - Failure of the CAPT suppl reading light LIGHT - General ILLUM - Failure of the center pedestal light	
LIGHT - General ILLUM - Failure of the CRT INST PANEL lighting	33-089A
	33-0BSV
LIGHT - General ILLUM - Failure of the F/O dome & CAPT main inst	
	33-0BSV
LIGHT - General ILLUM - Failure of the F/O lighting flood	
LIGHT - General ILLUM - Failure of the F/O map table light LIGHT - General ILLUM - Failure of the F/O suppl reading light	
LIGHT - General ILLUM - Failure of the main and center inst panel	22 003V
lights	33-0BSV
LIGHT - INST & PNL INTG LTG - Glareshield failure	
LIGHT - INST & PNL INTG LTG - Overhead failure	
LIGHT - INST & PNL INTG LTG - Pedestal and main panel failure	
LIGHT - INST & PNL INTG LTG - Standby compass lighting failure	22-082V

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
LIGHT - RUNWAY TURNOFF - Failure of the integral lighting	33-0BSV
LIGHT - RUNWAY TURNOFF - Failure of the left side light	33-0BSV
LIGHT - RUNWAY TURNOFF - Failure of the right side light	33-0BSV
LIGHT - TAKE OFF - Failure of the Take off light	
LIGHT - TAXI - Failure of the Taxi light	
LIGHT - TAXI and TAKE OFF - Integral lighting failure	
LIGHT - WING & ENGINE SCAN LTG - Failure of the integral lighting.	
LIGHT - WING & ENGINE SCAN LTG - Failure of the left side light	
LIGHT - WING & ENGINE SCAN LTG - Failure of the right side light	
LIGHTNING STRIKE	
LIGHTS - ANT.COLL/STR.L. : Lower Anti-Collision beacon does not	
flash	33-0BSV
LIGHTS - ANT.COLL/STR.L. : None of the Strobe lights flash	
LIGHTS - ANT.COLL/STR.L. : One Strobe light does not flash	
LIGHTS - ANT.COLL/STR.L. : The Strobe Lights can not be switched	33 0201
off	33-0BSV
LIGHTS - ANT.COLL/STR.L. : The Strobe Lights stay on when in AUTO	33 0B3V
Mode	33_0BCV
LIGHTS - ANT.COLL/STR.L.: Upper Anti-Collision beacon does not	22-083V
flash	77_0PCV
LIGHTS - CAB.EMER.LIGHT. : C/B 1WL trips while EPSU batterie charge	33-0BSV
LIGHTS - CAB.EMER.LIGHT. : Cockpit EMER EXIT LT ANN 5WL do not	22-0B3V
operate	77 OBCV
LIGHTS - CAB.EMER.LIGHT. : Escape Slide Light - AFT LH door inop	
LIGHTS - CAB.EMER.LIGHT. : Escape Stide Light - AFT RH door inop	
LIGHTS - CABLEMER.LIGHT. : Escape Stide Light - EMER LH door inop .	
LIGHTS - CAB.EMER.LIGHT. : Escape Slide Light - EMER RH door inop .	
LIGHTS - CAB.EMER.LIGHT. : Escape Slide Light - EXIT LH door inop .	
LIGHTS - CAB.EMER.LIGHT. : Escape Slide Light - EXIT RH door inop .	
LIGHTS - CAB.EMER.LIGHT. : Escape Slide Light - FWD LH door inop	
LIGHTS - CAB.EMER.LIGHT. : Escape Slide Light - FWD RH door inop	
LIGHTS - CAB.EMER.LIGHT. : Escape Slide Light - MID LH door inop	
LIGHTS - CAB.EMER.LIGHT. : Escape Slide Light - MID RH door inop	
LIGHTS - CAB.EMER.LIGHT. : Exit signs flickering	
LIGHTS - CAB.EMER.LIGHT. : Fail. of wall mounted exit marking sign	33-0BSV
LIGHTS - CAB.EMER.LIGHT. : Failure of EEPM light	
LIGHTS - CAB.EMER.LIGHT. : Failure of lavatory auxiliary light	
LIGHTS - CAB.EMER.LIGHT. : Overwing Emer Light fault	
LIGHTS - CAB.EMER.LIGHT. : PTP-message: NO COMMUNICATION	
LIGHTS - CAB.EMER.LIGHT. : PTP-message: NO EPSU DATA	33-0BSV
LIGHTS - CAB.EMER.LIGHT. does not come on with CAB P/B in ON	
position	33-0BSV
LIGHTS - CAB.EMER.LIGHT. does not come on with CKPT SW in ON	
position	33-0BSV
LIGHTS - CAB.EMER.LIGHT. not all emergency lights on with INOP A/C	
28VDC	33-0BSV
LIGHTS - FWD-AFT C.C.LT. : FWD / AFT Loading Area Light does not	
come on	33-0BSV

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LIGHTS - FWD-AFT C.C.LT.: No Lights in FWD or AFT Cargo Comp come on 33-0BSV LIGHTS - FWD-AFT C.C.LT.: One Light in Cargo Comp does not come on 33-0BSV LIGHTS - GENERAL ILL.: Flickering of the Cabin Lights	OBSERVATIONS	CH-PB101
LIGHTS - FWD-AFT C.C.LT.: One Light in Cargo Comp does not come on 33-0BSV LIGHTS - GENERAL ILL.: Flickering of the Cabin Lights		
LIGHTS - GENERAL ILL. : Flickering of the Cabin Lights		
LIGHTS - GENERAL ILL.: No or wrong dimming of all lights		
LIGHTS - GENERAL ILL: No or wrong dimming of 1 Light		
LIGHTS - GENERAL ILL.: No or wrong dimming of 2 or 4 correlated lights		
Lights — GENERAL ILL. : One light does not come on		33-0BSV
LIGHTS - GENERAL ILL.: One light does not come on	LIGHTS - GENERAL ILL.: No or wrong dimming of 2 or 4 correlated	
LIGHTS - GENERAL ILL.: 2 or 4 correlated lights do not come on 33-0BSV LIGHTS - LAV.LT.SIGNS: Lav Occpd Sign in the Cockpit does not come on		
LIGHTS - LAV.LT.SIGNS: Lav Occpd Sign in the Cockpit does not come on		
COME ON		33-0BSV
LIGHTS - LAV.LT.SIGNS : 1 Lamp in Lav Lighted Sign does not come on 33-0BSV LIGHTS - LAV.LT.SIGNS : 1 symbol of Lav. Lt. Sign does not come on 33-0BSV LIGHTS - LAVATORY LT. : In all Lav. the Lav. Light does not come on 33-0BSV LIGHTS - LAVATORY LT. : In 1 Lav. the Lav. Light does not come on 33-0BSV LIGHTS - LAVATORY LT. : In 1 Lavatory the Lav. Light cannot be dimmed	LIGHTS - LAV.LT.SIGNS : Lav Occpd Sign in the Cockpit does not	
LIGHTS - LAVATORY LT.: In all Lav. the Lav. Lights do not come on 33-OBSV LIGHTS - LAVATORY LT.: In all Lav. the Lav. Lights do not come on 33-OBSV LIGHTS - LAVATORY LT.: In 1 Lav. the Lav. Light does not come on 33-OBSV LIGHTS - LAVATORY LT.: In 1 Lavatory the Lav. Light cannot be dimmed		
LIGHTS - LAVATORY LT.: In all Lav. the Lav. Lights do not come 33-0BSV LIGHTS - LAVATORY LT.: In 1 Lav. the Lav. Light does not come on .33-0BSV LIGHTS - LAVATORY LT.: In 1 Lavatory the Lav. Light cannot be dimmed	LIGHTS - LAV.LT.SIGNS : 1 Lamp in Lav Lighted Sign does not come on	33-0BSV
LIGHTS - LAVATORY LT.: In 1 Lav. the Lav. Light does not come on . 33-0BSV LIGHTS - LAVATORY LT.: In 1 Lavatory the Lav. Light cannot be dimmed	LIGHTS - LAV.LT.SIGNS : 1 symbol of Lav. Lt. Sign does not come on	33-0BSV
LIGHTS - LAVATORY LT.: In 1 Lavatory the Lav. Light cannot be dimmed	LIGHTS - LAVATORY LT. : In all Lav. the Lav. Lights do not come	33-0BSV
dimmed	LIGHTS - LAVATORY LT. : In 1 Lav. the Lav. Light does not come on .	33-0BSV
LIGHTS - LOGO LIGHTS: Both LOGO Lights do not come on	LIGHTS - LAVATORY LT. : In 1 Lavatory the Lav. Light cannot be	
LIGHTS - LOGO LIGHTS: Both LOGO Lights do not go off	dimmed	33-0BSV
LIGHTS - LOGO LIGHTS: Both LOGO Lights do not go off	LIGHTS - LOGO LIGHTS: Both LOGO Lights do not come on	33-0BSV
LIGHTS - LOGO LIGHTS: One LOGO Light does not go off		
LIGHTS - NAVIG. LIGHT: Left Wing Navigation Light does not come on 33-0BSV LIGHTS - NAVIG. LIGHT: No Navigation Lights come on	LIGHTS - LOGO LIGHTS: One LOGO Light does not come on	33-0BSV
LIGHTS - NAVIG. LIGHT: No Navigation Lights come on	LIGHTS - LOGO LIGHTS: One LOGO Light does not go off	33-0BSV
LIGHTS - NAVIG. LIGHT: Right Wing Navigation Light does not come  on	LIGHTS - NAVIG. LIGHT: Left Wing Navigation Light does not come on	33-0BSV
On	LIGHTS - NAVIG. LIGHT: No Navigation Lights come on	33-0BSV
LIGHTS - NAVIG. LIGHT: Tail Navigation Light does not come on 33-OBSV LIGHTS - SERV. AREA LT.: Failure of Service Area Light in APU Comp 33-OBSV LIGHTS - SERV. AREA LT.: Failure of Service Area Lights in Sect.  19 33-OBSV LIGHTS - SERV. AREA LT.: Failure of Sockets in section 19 33-OBSV LIGHTS - WHEEL WELL LT.: Failure of Sockets in N. Well and Hydraulic Comp 33-OBSV LIGHTS - WHEEL WELL LT.: Failure of one or two Hydraulic Compt. Lights 33-OBSV LIGHTS - WHEEL WELL LT.: Failure of one or two Wheel Well Lights 33-OBSV LIGHTS - WORK / CAB.ATT.: No work lights come on 33-OBSV LIGHTS - WORK / CAB.ATT.: One work light does not come on 33-OBSV LIGHTS - WORK / CAB.ATT.: 1 work light cannot be controlled by the swit 33-OBSV MAINT STATUS F/CTL without associated fault message during GND SCAN 27-ECAM MAINT STATUS F/CTL without associated fault message during GND SCAN 27-OBSV MAINT.SYS - PRINTER INCORRECT DATE AND/OR TIME IN PFR HEADER 31-OBSV MCDU - no access to system BITEs from the MCDU 31-OBSV MCDU - no access to system BITEs from the MCDU 31-OBSV METRIC ALTM-Altitude precision out of range 34-OBSV N/WS - Aircraft landing with the nose wheels turned 90 degrees 32-OBSV	LIGHTS - NAVIG. LIGHT: Right Wing Navigation Light does not come	
LIGHTS - SERV. AREA LT.: Failure of Service Area Light in APU  Comp	on	33-0BSV
Comp	LIGHTS - NAVIG. LIGHT: Tail Navigation Light does not come on	33-0BSV
LIGHTS - SERV. AREA LT.: Failure of Service Area Lights in Sect.  19	LIGHTS - SERV. AREA LT. : Failure of Service Area Light in APU	
19		33-0BSV
LIGHTS - SERV. AREA LT.: Failure of Sockets in section 19	LIGHTS - SERV. AREA LT. : Failure of Service Area Lights in Sect.	
LIGHTS - WHEEL WELL LT.: Fail. of Sockets in N. Well and Hydraulic Comp		
Hydraulic Comp	LIGHTS - SERV. AREA LT. : Failure of Sockets in section 19	33-0BSV
Lights - WHEEL WELL LT.: Failure of one or two Hydraulic Compt.  Lights	LIGHTS - WHEEL WELL LT. : Fail. of Sockets in N. Well and	
Lights		33-0BSV
LIGHTS - WHEEL WELL LT.: Failure of one or two Wheel Well Lights . 33-OBSV LIGHTS - WORK / CAB.ATT.: No work lights come on	LIGHTS - WHEEL WELL LT. : Failure of one or two Hydraulic Compt.	
LIGHTS - WORK / CAB.ATT.: No work lights come on	Lights	33-0BSV
LIGHTS - WORK / CAB.ATT.: One work light does not come on	LIGHTS - WHEEL WELL LT. : Failure of one or two Wheel Well Lights .	33-0BSV
LIGHTS - WORK / CAB.ATT.: 1 work light cannot be controlled by the swit		
LIGHTS - WORK / CAB.ATT.: 1 work light cannot be controlled by the swit	LIGHTS - WORK / CAB.ATT. : One work light does not come on	33-0BSV
MAINT STATUS F/CTL without associated fault message during GND SCAN 27-ECAM MAINT STATUS F/CTL without associated fault message during GND SCAN 27-OBSV MAINT.SYS - PRINTER INCORRECT DATE AND/OR TIME IN PFR HEADER 31-OBSV MCDU - no access to system BITEs from the MCDU		
MAINT STATUS F/CTL without associated fault message during GND SCAN 27-0BSV MAINT.SYS - PRINTER INCORRECT DATE AND/OR TIME IN PFR HEADER 31-0BSV MCDU - no access to system BITEs from the MCDU		
MAINT.SYS - PRINTER INCORRECT DATE AND/OR TIME IN PFR HEADER 31-OBSV MCDU - no access to system BITEs from the MCDU	MAINT STATUS F/CTL without associated fault message during GND SCAN	27-ECAM
MCDU - no access to system BITEs from the MCDU		
METRIC ALTM-Altitude precision out of range	MAINT.SYS - PRINTER INCORRECT DATE AND/OR TIME IN PFR HEADER	31-0BSV
METRIC ALTM-Altitude precision out of range	MCDU - no access to system BITEs from the MCDU	31-0BSV
N/WS - Aircraft landing with the nose wheels turned 90 degrees 32-OBSV		
N/WS - Aircraft tendancy to veer slighly without any steering order 32-0BSV	N/WS - Aircraft tendancy to veer slighly without any steering order	32-0BSV

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OBSERVATIONS	CH-PB101
N/WS - Impossibility to disconnect the steering for towing	32-0BSV
N/WS Jerky steering	
N/WS Nose wheel is free castor	
N/WS Sudden Steering Swerve	
NAV - ADIRS Repetitive RETARD aural warning on ground	
NAV - ATC - Loss of Mode S com betw ATC1 and gnd station	
NAV - ATC - Loss of Mode S com betw ATC2 and gnd station	34-0BSV
NAV - GPS - MCDU GPS MONITOR page - No GPS 1 (2) data (dashes	
shown)	
NAV - GPWS - EWD - Right MEMO - TERR STBY continuously shown	34-0BSV
NAV - MMR - MCDU GPS MONITOR page - No GPS 1 (2) data (dashes	
shown)	
NAV - RADIO ALTIMETER - RA auto call out on ground	
NAV - RADIO ALTIMETER RA auto call out on ground	
NAV - WXR - Antenna Drive Unit - Defect of the offset elevation	
NAV - WXR - CAPT & F/O ND/PFD - No WXR data during WXR1 BITE test .	
NAV - WXR - CAPT & F/O PFD/ND - No WXR data during WXR2 BITE test .	34-0BSV
NAV - WXR - CAPT ND and PFD - No WXR indications during WXR1 BITE	7/ 0001/
test	34-0B5V
NAV - WXR - CAPT ND and PFD - No WXR indications during WXR2 BITE	7/ OBCV
NAV - WXR - F/O ND and PFD - No WXR indications during WXR1 BITE	34-0B3V
test	3/-0BSV
NAV - WXR - F/O ND and PFD - No WXR indications during WXR2 BITE	34-063V
test	34-0BSV
NAV - WXR - MCDU - WXR 1 test cannot be initiated	
NAV - WXR - MCDU - WXR 2 test cannot be initiated	
NAV - WXR - ND - Weather radar image is saturated	
NAV - WXR - WXR 1 - Test activation not possible on front face	
NAV - WXR - WXR 2 - Test activation not possible on front face	
NLG - Shock absorber leakage	
NLG - Grinding noise of the NLG during taxiing or towing	32-0BSV
NLG - NLG steering angle exceedance	
NLG - NLG towing overload or overrrun	05-0BSV
NOISES - in-flight airframe noises	
NORM BRAKING - A/C tendancy to veer on one side	32-0BSV
NORM BRAKING - Auto brake inoperative with P/BSW in LO position	
NORM BRAKING - Auto brake inoperative with P/BSW in MAX position	
NORM BRAKING - Auto brake inoperative with P/BSW in MED position	
NORM BRAKING - Loss of NORM BRAKING without warning indication	
NORM BRAKING - Vibration and noise during normal braking	
On GND Avionics Skin Air Valves closed with OAT more than 12 deg.C	
OXY CREW - captain "OXY ON" flag oxygen stowage box inoperative	
OXY CREW - captain oxygen stowage box flap door inoperative	
OXY CREW - captain PRESS to test and reset inoperative	
OXY CREW - degradation of the captain flexible supply hose assembly	
OXY CREW - degradation of the F/O flexible supply hose assembly	22-0R2A

EFF: ALL

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OBSERVATIONS	CH-PB101
OXY CREW - degradation of the fourth occupant flexible SPLY hose	75 0004
OXY CREW - degradation of the third occupant flexible SPLY HOSE	22-0R2A
ASSY	35-0BSV
OXY CREW - F/O "OXY ON" flag oxygen stowage box inoperative	35-0BSV
OXY CREW - F/O oxygen stowage box flap door inoperative	
OXY CREW - F/O PRESS to test and reset inoperative	
OXY CREW - fourth "OXY ON" flag oxygen stowage box inoperative	
	35-0BSV
·	35-0BSV
OXY CREW - loss of emergency over pressure knob at CAPT oxygen mask	
OXY CREW - loss of emergency over pressure knob at F/O oxygen mask	35-0BSV
OXY CREW - loss of emergency over pressure knob at 3rd oxygen mask	35-0BSV 35-0BSV
OXY CREW - loss of emergency over pressure knob at 4th oxygen mask OXY CREW - loss of harness inflation at the captain oxygen mask	
	35-0BSV
OXY CREW - loss of harness inflation at the fourth oxygen mask	
OXY CREW - loss of harness inflation at the third oxygen mask	
OXY CREW - loss of 100% selection to the captain oxygen mask	
OXY CREW - loss of 100% selection to the F/O oxygen mask	
OXY CREW - loss of 100% selection to the fourth occupant oxygen	
mask	35-0BSV
OXY CREW - loss of 100% selection to the third occupant oxygen mask	35-0BSV
OXY CREW - no oxygen to the crew oxygen masks with REGUL LO PR	
OXY CREW - third "OXY ON" flag oxygen stowage box inoperative	
OXY CREW - third oxygen stowage box flap door inoperative	
OXY CREW - third PRESS to test and reset inoperative	
OXY CREW captain oxygen mask dirty	
OXY CREW F/O oxygen mask dirty	
OXY CREW failure of CAPT oxygen flow indicator	
OXY CREW failure of F/O oxygen flow indicator	
OXY CREW failure of third oxygen flow indicator	
OXY CREW fourth oxygen mask dirty	
OXY CREW impossibility to close the cylinder valve	
OXY CREW impossibility to refill the oxygen cylinder	
OXY CREW no oxygen to captain oxygen mask	
OXY CREW no oxygen to F/O oxygen mask	
OXY CREW no oxygen to fourth oxygen mask	35-0BSV
OXY CREW no oxygen to third oxygen mask	
OXY CREW rapid loss of oxygen	
OXY CREW third oxygen mask dirty	
OXYGEN PAX auto sys release - all masks do not drop	
OXYGEN PAX auto sys release - all masks do not drop	
OXYGEN PAX man sys release - all masks do not drop	
OXYGEN PAX man sys release - all masks do not drop	
OXYGEN PAX no PAX announcement	
OXYGEN PAX no PAX announcement	22-0R2A

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OBSERVATIONS	CH-PB101
OXYGEN PAX one mask does not drop	
OXYGEN PAX one mask does not drop	
OXYGEN PAX one set of masks does not drop	
OXYGEN PAX one set of masks drop after approx. 6 sec	35-0BSV
PASSENGER ENTERTAINMENT One or more function(s) of a PCU	
inoperative	
PAX ENTERTAINMENT (VID.) Fault of a Display Unit to extend	23-0BSV
PRINTER - printing of ACARS (or ATSU) data not possible from the	
	31-0BSV
PRINTER - printing of ACARS (or ATSU) data not possible from the	
MCDU2	31-0BSV
PRINTER - printing of ACARS (or ATSU) data not possible from the	
MCDU3	31-0BSV
PRINTER - printing of DMU (or FDIMU) data not possible from the	
MCDU1	31-0BSV
PRINTER - printing of DMU (or FDIMU) data not possible from the	
	31-0BSV
PRINTER-printing of the CFDIU DATA not possible from the MCDU2	
PRINTER-printing of the CFDIU DATA not possible from the MCDU1	
PRINTER-printing of the EVMU DATA not possible from the MCDU1	
PRINTER-printing of the EVMU DATA not possible from the MCDU2	
PRINTER-printing of the FMGC1 DATA not possible from the MCDU1	
PRINTER-printing of the FMGC1 DATA not possible from the MCDU2	
PRINTER-printing of the FMGC2 DATA not possible from the MCDU1	
PRINTER-printing of the FMGC2 DATA not possible from the MCDU2	
PRK BRK - Desiccant cartridge color change to pink on PRK BRK CTL V	
PRK BRK - No pressure with parking brake set to ON	
PRK BRK - No release of parking brake hydraulic pressure	
PRK BRK - One thermal fuse on Parking Brake Control Valve is out	
PRK BRK - Parking brake on one landing gear inoperative	
PRK BRK - Parking brake switch in off position	
PRK BRK - Parking brake switch in off position	
PRK BRK - Prk brk switch ON without "CONFIG PRK BRK ON " warning	
PRK BRK - Slow application of the parking brake	
PRK BRK - Spurious brake press on triple indic after prk brk off	
PVIS No Indication on Display Units	
R/A Loss during approach above 100ft	34-0BSV
RADIO ALTIMETER - Fan of the RA transceiver 1 does not operate	
RADIO ALTIMETER - Fan of the RA transceiver 2 does not operate	
RADIO ALTIMETER - RA 1 test cannot be started	
RADIO ALTIMETER - RA 2 test cannot be started	
Radio comms become noisy when flying through cloud, rain or dust	
RAIN REPELLENT Rain repellent not operative on capt side	
RAIN REPELLENT Rain repellent not operative on F/O side	
RMI-ADF 1 pointer at 3 o'clock position	
RMI-ADF 2 pointer at 3 o'clock position	54-0BSV
RMI-All flags are shown at the same time on the VOR/ADF/DME RMI	
RMI-All flags are shown at the same time on the VOR/DME RMI	54-0BSV

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OBSERVATIONS	CH-PB101
RMI-DME 1 display blank	
RMI-DME 1 display shows dashes	
RMI-DME 2 display blank	
RMI-DME 2 display shows dashes	
RMI-Flag of the ADF 1 system is shown	
RMI-Flag of the ADF 2 system is shown	
RMI-Flag of the VOR 1 system is shown	
RMI-Flag of the VOR 2 system is shown	
RMI-HDG flag is shown on the VOR/ADF/DME RMI	
RMI-HDG flag is shown on the VOR/DME RMI	34-0BSV
RMI-No HDG data on the VOR/ADF/DME RMI with the ATT HDG SEL SW at	
CAPT/3	34-0BSV
RMI-No HDG data on the VOR/DME RMI with the ATT HDG SEL SW at	
CAPT/3	
RMI-VOR 1 pointer at 3 o'clock position	
RMI-VOR 2 pointer at 3 o'clock position	
RMP1 display off	
RMP1 No frequency transfert	
RMP2 display off	
RMP2 No frequency transfert	
RMP3 display off	
RMP3 No frequency transfert	
Rumbling noise in the cockpit	
RUNWAY LEAVING	
SEAT - CAPT cockpit seat horizontal electrical control inoperative	
SEAT - Captain cockpit floor lighting inoperative	
SEAT - Captain cockpit seat armrest adjustment inoperative	
SEAT - Captain cockpit seat backrest adjustment inoperative	
SEAT - Captain cockpit seat electrical control inoperative	
SEAT - Captain cockpit seat horizontal manual control inoperative .	
SEAT - Captain cockpit seat lumbar rest adjustment inoperative	
SEAT - Captain cockpit seat safety harness inoperative	
SEAT - Captain cockpit seat vertical electrical control inoperative	
SEAT - Captain cockpit seat vertical manual control inoperative	
SEAT - F/O cockpit floor lighting inoperative	25-0BSV
SEAT - F/O cockpit seat armrest adjustment inoperative	
SEAT - F/O cockpit seat backrest adjustment inoperative	
SEAT - F/O cockpit seat electrical control inoperative	
SEAT - F/O cockpit seat horizontal electrical control inoperative .	
SEAT - F/O cockpit seat horizontal manual control inoperative	
SEAT - F/O cockpit seat lumbar rest adjustment inoperative	
SEAT - F/O cockpit seat safety harness inoperative	
SEAT - F/O cockpit seat vertical electrical control inoperative	
SEAT - F/O cockpit seat vertical manual control inoperative	
SEAT - 3rd occupant cockpit seat inoperative	25-0BSV
SEAT - 3rd occupant cockpit seat safety harness inoperative	
SEAT - 4th occupant cockpit seat inoperative	
SEAT - 4th occupant cockpit seat safety harness inoperative	25-0BSV

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OBSERVATIONS	CH-PB101
SELCAL RAD contact with the A/C through all COM SYS INOP	23-0BSV
SELCAL RAD contact with the A/C through the HF1 SYS INOP	23-0BSV
SELCAL RAD contact with the A/C through the HF2 SYS INOP	
SELCAL RAD contact with the A/C through VHF1 SYS INOP	
SELCAL RAD contact with the A/C through VHF2 SYS INOP	23-0BSV
SELCAL RAD contact with the A/C through VHF3 SYS INOP	23-0BSV
SEMI AUTO CRG LOAD SYS All PDUs in AFT Cargo Loading System inop	25-0BSV
SEMI AUTO CRG LOAD SYS All PDUs in FWD Cargo Loading System inop	25-0BSV
SEMI AUTO CRG LOAD SYS One or more PDUs in AFT CRG Load. Sys. inop.	25-0BSV
SEMI AUTO CRG LOAD SYS One or more PDUs in FWD CRG Load. Sys. inop.	25-0BSV
SEMI AUTO CRG LOAD SYS Sill Latch Actuator in AFT CRG Load. Sys.	
inop	25-0BSV
SEMI AUTO CRG LOAD SYS Sill Latch Actuator in FWD CRG Load. Sys.	
inop	25-0BSV
SERVICE INTERPHONE Abnormal Noise from Interphone and PA-System	23-0BSV
SERVICE INTERPHONE No Communication between Cockpit/Cabin and Jacks	23-0BSV
SEVERE ICING CONDITION - Flight in severe icing conditions	05-0BSV
Skin Air Valves cycling on ground	21-0BSV
SLIDE - CTL HDL of EMER ESC slide of L AFT PAX/ crew door in ARMED	
POS	52-LOCAL
SLIDE - CTL HDL of EMER ESC slide of L AFT PAX/ crew door in ARMED	
POS	52-0BSV
SLIDE - CTL HDL of EMER ESC slide of L FWD PAX/ crew door in ARMED	
POS	52-LOCAL
SLIDE - CTL HDL of EMER ESC slide of L FWD PAX/ crew door in ARMED	
POS	52-0BSV
SLIDE - CTL HDL of EMER ESC slide of R AFT PAX/ crew door in ARMED	
POS	52-LOCAL
SLIDE - CTL HDL of EMER ESC slide of R AFT PAX/ crew door in ARMED	
POS	52-0BSV
SLIDE - CTL HDL of EMER ESC slide of R FWD PAX/ crew door in ARMED	
POS	52-LOCAL
SLIDE - CTL HDL of EMER ESC slide of R FWD PAX/ crew door in ARMED	
POS	
SLIDE - SLIDE CABIN indication is not shown on ECAM DOOR/OXY page .	
SMOKE AVNCS-No smoke warnings during the test procedure	
SMOKE AVNCS-odour and mist in the cabin and not fire	
SMOKE AVNCS-odour and mist in the cabin and not fire	
SMOKE AVNCS-Smoke in the cockpit without smoke warnings	26-0BSV
SMOKE AVNCS-SMOKE legend of GEN 1 LINE P/BSW not on with ECAM	24 2724
warning	
SMOKE AVNCS-Smoke warnings without smoke confirmation	
SMOKE Smoke and/or oil smell in the cabin from engine	
SMOKE-LDCC FIRE EXTING manual discharge of BTL1	
SMOKE-LDCC FIRE EXTING manual discharge of BTL2	
STARTING - Slow Start	
Static discharger retainer to structure resistance is high	
STATIC INV - Incorrect result of its operational test	24-0BSV

EFF: ALL

**I-OBSV** 

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
STATIC INV - No STAT INV indication	24-0BSV
STATIC INV - No STAT INV indication	
STBY ALTIMETER-Altitude precision out of range	
STBY ALTIMETER-Irregular movement of the pointer	
STBY ASI-IAS precision out of range	
STBY COMPASS-Heading precision out of tolerance	34-0BSV
STBY HORIZON-Attitude indication incorrect	34-0BSV
STBY HORIZON-Flag shown	34-0BSV
TAIL RUNWAY IMPACT	05-0BSV
TAXIING - overweight taxiing	
TAXIWAY LEAVING	
TCAS-False intruders shown on the NDs	
TCAS-Intruders location incorrect on the NDs	
TCAS-No aural advisories on the loud speaker(s)	34-0BSV
TCAS-Permanent NAV TCAS FAULT on ECAM and msg NO DATA FROM TCAS on	
PFR	34-ECAM
TCAS-Permanent NAV TCAS FAULT on ECAM and msg NO DATA FROM TCAS on	
PFR	
TCAS-Temporary loss of data between ADIRU1 and TCAS computer	
VENT-Amber Skin Air Inlet Valve closed on the lower ECAM DU	
VENT-Amber Skin Air Inlet Valve partially open on lower ECAM DU	
VENT-Amber Skin Air Outlet Valve closed on lower ECAM DU	
VENT-Amber Skin Air Outlet Valve partially open on lower ECAM DU	21-0BSV
VENT-Failure of horn during smoke detection in AVNCS COMPT on	_
ground	
VHF VHF1 system malfunction	
VHF VHF2 system malfunction	
VHF VHF3 system malfunction	
VHF1 Background Noise on VHF1 with frequency 135,97Mhz	
VHF1 Loss of reception	
VHF1 Loss of transmission	
VHF1/VHF2/VHF3 Loss of one or more VHF transmission/reception VHF2 Loss of reception	
VHF2 Loss of transmission	
VHF3 Loss of reception	
VHF3 Loss of transmission	
VIBRATION - Belly fairing vibration	
Vibration-FLaps vibration during approach	
VIBRATIONS - in-flight airframe vibrations or pitch oscillations	
VIBRATIONS - NLG doors vibrations during climb	
VIBRATIONS - NLG vibrations during T/O and lift off phases	
VIBRATIONS - significant MLG vibration at touch- down	
VIBRATIONS - Vibrations and noise felt in the AFT PAX crew door	
VIBRATIONS - Vibrations and noise felt in the FWD PAX crew door	
VIBRATIONS - Vibrations felt along the cabin and in the cockpit	
VIBRATIONS - Vibrations felt along the cabin and in the cockpit	
VIBRATIONS - Vibrations felt in the cabin and along the fuselage	
VIBRATIONS - Vibrations felt in the FWD cabin and in the cockpit	

EFF: ALL I-OBSV

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
VIBRATIONS - Vibrations felt in the FWD cabin and in the cockpit	27-0BSV
VIBRATIONS - Vibrations felt in the rear cabin	
VOLCANIC ASH - flight through volcanic ash	
VOR-Erroneous VOR1 Bearing Indications	
VOR-Erroneous VOR2 Bearing Indications	
VOR-Incorrect identification codes shown on the NDs	
VOR-No audio signal from the station when the MARKER data are shown	
VOR-No audio signal from the station when the VOR 1 data are shown	34-0BSV
VOR-No audio signal from the station when the VOR 2 data are shown	
VOR-Test activation not possible on the receiver 1 front face	
VOR-Test activation not possible on the receiver 2 front face	
VOR-VOR 1 test cannot be started on the MCDU	
VOR-VOR 2 test cannot be started on the MCDU	
WAI-Circuit breaker 2DL Tripped	30-LOCAL
WAI-Circuit breaker 2DL Tripped	30-0BSV
WAI-Does not operate	
WAI-Does not operate	
WHEEL - tire burst or tread throw	
WHEEL Vibrations during take off	
WINDOW FWD and AFT lights (R side) do not come on	
WINDSHIELD Left windshield arcing	
WINDSHIELD Left windshield cracking	
WINDSHIELD Right windshield arcing	
WINDSHIELD Right windshield cracking	
WIPER CAPT wiper not operative at intermittent speed	
WIPER F/O wipper not operative at intermittent speed	
WRG:MODE DISCRETE/ ISIS(22FN-10FC) message on the face of ISIS WRG:MODE DISCRETE/ ISIS(22FN-10FC) message on the face of ISIS	
WRG:PARITY PIN-PROG/ ISIS(22FN-10FC) message on the face of ISIS	
WRG:PARITY PIN-PROG/ ISIS(22FN-10FC) message on the face of ISIS	
WSHLD RAIN PROTECTION Only one speed available	
WSHLD RAIN PROTECTION Wiper does not go back correctly to park pos	
WSHLD RAIN PROTECTION Wiper inoperative	
WTR/WASTE - TOILET Low Pressure in the Vacuum Toilet System	
WTR/WASTE - TOILET Toilet Flushes Continuously	38-0BSV
WTR/WASTE - TOILET Toilet System Shuts Down Constantly	38-0BSV
WTR/WASTE - WASTE Rinse Wtr keeps Flowing in Toilet Bowl	
WTR/WASTE - WASTE Slow Drainage of the Lavatory Wash Basin	
WTR/WASTE - WASTE VAC SYS / Not Sufficient Suction	
WTR/WASTE - WASTE Vacuum Toilets Flush too Slow	
WTR/WASTE Potable Water No Pressurized Potable Water in Flight	
WTR/WASTE Potable Water Water leakage from the potable water system	
WTR/Waste Water quantity - indication failure	
WTR/WASTE-AIR SUPPLY SYS Crack press of relief valve incorrect	
WTR/WASTE-AIR SUPPLY SYS No pressurization of the potable water	
sys in F	38-0BSV
WTR/WASTE-AIR SUPPLY SYS Potable water sys press incorrect	

EFF: ALL I-OBSV

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### TROUBLE SHOOTING MANUAL

OBSERVATIONS	CH-PB101
WTR/Waste-Indication IND Light/s does/do not come ON on panel 2023VU	38-0BSV
WTR/Waste-Indication IND-Light/s does/do not come ON on panel 2023VU	

EFF : ALL

**I-OBSV** 

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#### TROUBLE SHOOTING MANUAL

#### **HIGHLIGHTS**

REVISION NO. 54 May 01/08

Pages which have been revised are outlined below, together with the Highlights of the revision

I-CFDS REVISED ACCORDINGLY TO THE FAULT LIST ALL 1-A68

I-CFDS HIGHLIGHTS Page 1 of 1 REVISION NO. 54 May 01/08

#### TROUBLE SHOOTING MANUAL

#### INDEX OF CFDS FAULT MESSAGES

#### LIST OF EFFECTIVE PAGES

N, R or D indicates pages which are New, Revised or Deleted respectively. Remove and insert the affected pages and complete the Record of Revisions and the Record of Temporary Revisions as necessary.

SUBJECT		PAGE	DATE	SUBJECT		PAGE	DATE	SUBJECT		PAGE	DATE
RECORD				I-CFDS	R	38	May01/08	I-CFDS	R	81	May01/08
OF TEMP.				I-CFDS	R	39	May01/08	I-CFDS	R	82	May01/08
REVISION				I-CFDS	R	40	May01/08	I-CFDS	R	83	May01/08
				I-CFDS	R	41	May01/08	I-CFDS	R	84	May01/08
LEP	R	1- 2	May01/08	I-CFDS	R	42	May01/08	I-CFDS	R	85	May01/08
	• • •		, ,	I-CFDS	R	43	May01/08	I-CFDS	R	86	-
I-CFDS	R	1	May01/08	I-CFDS	R	44	May01/08	I-CFDS	R	87	May01/08
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I-CFDS	R	6	May01/08	I-CFDS	R	49	May01/08	I-CFDS	R	92	May01/08
I-CFDS	R	7	May01/08	I-CFDS	R	50	May01/08	I-CFDS	R	93	May01/08
I-CFDS	R	8	May01/08	I-CFDS	R	51	May01/08	I-CFDS	R	94	May01/08
I-CFDS	R	9	May01/08	I-CFDS	R	52	May01/08	I-CFDS	R	95	May01/08
I-CFDS	R	10	May01/08	I-CFDS	R	53	May01/08	I-CFDS	R	96	May01/08
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I-CFDS	R	12	May01/08	I-CFDS	R	55	May01/08	I-CFDS	R	98	May01/08
I-CFDS	R	13	May01/08	I-CFDS	R	56	May01/08	I-CFDS	R	99	May01/08
I-CFDS	R	14	May01/08	I-CFDS	R	57	May01/08	I-CFDS	R	<b>A</b> 0	May01/08
I-CFDS	R	15	May01/08	I-CFDS	R	58	May01/08	I-CFDS	R	A 1	May01/08
I-CFDS	R	16	May01/08	I-CFDS	R	59	May01/08	I-CFDS	R	A 2	May01/08
I-CFDS	R	17	May01/08	I-CFDS	R	60	May01/08	I-CFDS	R	A 3	May01/08
I-CFDS	R	18	May01/08	I-CFDS	R	61	May01/08	I-CFDS	R	A 4	May01/08
I-CFDS	R	19	May01/08	I-CFDS	R	62	May01/08	I-CFDS		A 5	May01/08
I-CFDS	R	20	May01/08	I-CFDS	R	63	May01/08	I-CFDS		A 6	May01/08
I-CFDS	R	21	May01/08	I-CFDS	R	64	May01/08	I-CFDS		A 7	May01/08
I-CFDS	R	22	May01/08	I-CFDS	R	65	May01/08	I-CFDS		A 8	May01/08
I-CFDS	R	23	May01/08	I-CFDS	R	66	May01/08	I-CFDS	R	A 9	May01/08
I-CFDS	R	24	May01/08	I-CFDS	R	67	May01/08	I-CFDS		A 10	•
I-CFDS	R	25	May01/08	I-CFDS	R	68	May01/08	I-CFDS		A 11	May01/08
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I-CFDS	R	27	May01/08	I-CFDS	R	70	May01/08	I-CFDS	R	A 13	,
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I-CFDS	R		May01/08	I-CFDS	R	77 70	May01/08	I-CFDS			May01/08
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I-CFDS	R		May01/08	I-CFDS	R	79	May01/08	I-CFDS			May01/08
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### TROUBLE SHOOTING MANUAL

CUBICT	DACE DATE	CUBIECT	DACE DATE	CUBIECT	DACE	DATE
SUBJECT	PAGE DATE	SUBJECT	PAGE DATE	SUBJECT	PAGE	DATE
T CENS	D A 2/ May 01/09					
I-CFDS	R A 24 May01/08					
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I-CFDS	R A 52 May01/08					
I-CFDS	R A 53 May01/08					
I-CFDS	R A 54 May01/08					
I-CFDS	R A 55 May01/08					
I-CFDS	R A 56 May01/08					
I-CFDS	R A 57 May01/08					
I-CFDS	R A 58 May01/08					
I-CFDS	R A 59 May01/08					
I-CFDS	R A 60 May01/08					
I-CFDS	R A 61 May01/08					
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### TROUBLE SHOOTING MANUAL

#### INDEX OF CFDS FAULT MESSAGES

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB10
A-SKID MONITORING	324200	BSCU 1	1	32-ECAM
A-SKID MONITORING	324200	BSCU 1	3	32-CFDS
A-SKID MONITORING	324200	BSCU 2	1	32-ECAM
A-SKID MONITORING	324200	BSCU 2	3	32-CFDS
A/C BAT NOT SELECTED OR CONT 5KA OR ECB 59KD			1	24-CFDS
A/C BAT NOT SELECTED OR CONT 5KA OR ECB 59KD	243800	APU	1	49-ECAM
ACARS (1RB1) / DMU (1TV)	232434		3	23-CFDS
ACARS (1RB1) / FDIMU (10TV)	232434	DMU	3	23-CFDS
ACARS MU (1RB)	232434	ACARSMU	1	23-ECAM
ACARS MU (1RB)	232434	<b>ACARSMU</b>	3	23-CFDS
ACARS MU (1RB) /VHF3 (1RC3)	232434	VHF 3	3	23-CFDS
ACARSMU(1RB1)/ SDU1(105RV1)	232434	SDU	3	23-CFDS
ACCELEROMETER	313316	FDIU	2	31-CFDS
ACCLRM 1 12CE1	279216	EFCS 1	1	27-ECAM
ACCLRM 1 12CE1		EFCS 1		27-ECAM
ACCLRM 1 12CE1		EFCS 2		27-ECAM
ACCLRM 1 12CE1	279216	EFCS 2	2	27-ECAM
ACCLRM 2 12 CE2		EFCS 1		27-ECAM
ACCLRM 2 12CE2	279216	EFCS 1	2	27-ECAM
ACCLRM 2 12CE2		EFCS 2		27-ECAM
ACCLRM 2 12CE2	279216	EFCS 2	2	27-ECAM
ACCLRM 3 12 CE3		EFCS 1		27-ECAM
ACCLRM 3 12CE3	279216	EFCS 1	2	27-ECAM
ACCLRM 3 12CE3	279216	EFCS 2	1	27-ECAM
ACCLRM 3 12CE3	279216	EFCS 2	2	27-ECAM
ACCLRM 4 12 CE4	279216	EFCS 1	1	27-ECAM
ACCLRM 4 12CE4	279216	EFCS 1	2	27-ECAM
ACCLRM 4 12CE4	279216	EFCS 2	1	27-ECAM
ACCLRM 4 12CE4	279216	EFCS 2	2	27-ECAM
ACFT BAT NOT SELECTED / CONTACTOR (5KA)	243800	APU	1	24-CFDS
ACFT BAT NOT SELECTED / CONTACTOR (5KA)	243800	APU	1	49-ECAM
ACFT BAT NOT SELECTED / CONTACTOR (5KA)	494255		1	49-ECAM
ACP1(2RN1)	235122	AMU	1	23-CFDS
ACP1(2RN1)/AMU(1RN)	235122	AMU	1	23-CFDS
ACP2(2RN2)	235122	AMU	1	23-CFDS
ACP2(2RN2)/AMU(1RN)	235122		1	23-CFDS
ACP3(2RN3)	235122	AMU	1	23-CFDS
ACP3(2RN3)/AMU(1RN)	235122	AMU	1	23-CFDS
ACP4(2RN4)	235122	AMU	1	23-CFDS
ACP4(2RN4)/AMU(1RN)	235122		1	23-CFDS
ACQUI. BUS INTERFACE	313634		2	31-ECAM
ACSC 1 (57HH) / FDIMU (10TV)	216134		3	21-CFDS
ACSC2 (47HH) / FDIMU (10TV)	216134		3	21-CFDS
ADC1+ADC2+LGCIU1 ENG1A		EIU1FAD	1	77-ECAM
ADC1+ADC2+LGCIU1 ENG1B		EIU1FAD	=	77-ECAM
ADC1+ADC2+LGCIU2 ENG2A		EIU2FAD		77-ECAM
ADC1+ADC2+LGCIU2 ENG2B		EIU2FAD	1	77-ECAM

EFF: ALL

**I-CFDS** 

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SROS

### TROUBLE SHOOTING MANUAL

FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
DF1 (2RP1)		ADF 1		34-CFDS
DF2 (2RP2)		ADF 2	1	34-CFDS
DIRS CDU (2FP)	341212		1	34-CFDS
DIRS CDU (2FP)	341212	IR 2	1	34-CFDS
DIRS CDU (2FP)	341212	IR 3	1	34-CFDS
DIRS CONTROL PANEL (2FP)	341212	IR 2	1	34-CFDS
DIRS CONTROL PANEL (2FP)/ADIRU1(1FP1)	341212		1	34-CFDS
DIRS CONTROL PANEL (2FP)/ADIRU2(1FP2)	341212		1	34-CFDS
DIRS CONTROL PANEL (2FP)/ADIRU3(1FP3)	341212		1	34-CFDS
DIRS CTLPNL (2FP)	341212		1	34-CFDS
DIRS CTLPNL (2FP)	341212		1	34-CFDS
DIRS CTLPNL (2FP)	341212		1	34-CFDS
DIRS CTLPNL(2FP/221VU)/ ADIRU1 (1FP1)	341212		1	34-CFDS
DIRS CTLPNL(2FP/221VU)/ ADIRU1 (1FP1)	341234		1	27-ECAM
DIRS CTLPNL(2FP/221VU)/ ADIRU1 (1FP1)	341234		1	34-ECAM
DIRS CTLPNL(2FP/221VU)/ ADIRU2 (1FP2)	341212		1	34-CFDS
DIRS CTLPNL(2FP/221VU)/ ADIRU2 (1FP2)	341234	IR 2	1	27-ECAM
DIRS CTLPNL(2FP/221VU)/ ADIRU2 (1FP2)	341234	IR 2	1	34-ECAM
DIRS CTLPNL(2FP/221VU)/ ADIRU3 (1FP3)	341212		1	34-CFDS
DIRS CTLPNL(2FP/221VU)/ ADIRU3 (1FP3)	341234	1R 3	1	27-ECAM
DIRS CTLPNL(2FP/221VU)/ ADIRU3 (1FP3)	341234		1	34-ECAM
DIRS 1 OUT OF RANGE (14)		CPC 1		34-CFDS
DIRS 1 OUT OF RANGE (14)		CPC 2	3	34-CFDS
DIRS 2 OUT OF RANGE (15)		CPC 1	3	34-CFDS
DIRS 2 OUT OF RANGE (15)	341234		3	34-CFDS
DIRS 3 OUT OF RANGE (27)	341234		3 3	34-CFDS
DIRS 3 OUT OF RANGE (27)	341234		3 1	34-CFDS
DIRU 1/3 (1FP1/3)/ ATC1 (1SH1)	341234			27-ECAM
DIRU 1/3 (1FP1/3)/ ATC1 (1SH1)	341234		1	34-CFDS
DIRU 1/3 (1FP1/3)/ ATC1 (1SH1)	341234	ATC 2	1	34-ECAM
DIRU 2/3 (1FP2/3) / ATC2 (1SH2) DIRU 2/3 (1FP2/3) / ATC2 (1SH2)	34 I234 7/127/	ATC 2	1	27-ECAM
DIRU 2/3 (1FP2/3) / ATC2 (1SH2)	34 1234 77 137 /	ATC 2	1 1	34-CFDS 34-ECAM
DIRU1 (1FP1)	341234	AIC Z	1	24-CFDS
DIRUT (1FPT)		ADR 1		27-ECAM
	341234		_	
DIRU1 (1FP1) DIRU1 (1FP1)	341234		1 1	34-CFDS 34-ECAM
DIRUT (TFPT)	341234		3	34-ECAM
DIRU1 (1FP1)	341234		1	27-ECAM
DIRU1 (1FP1)	341234		1	34-ECAM
DIRU1 (1FP1)	341234		2	34-ECAM
DIRU1 (1FP1)	341234		2	34-LOCAL
DIRU1 (1FP1)	341234		3	34-LUCAL
DIRU1 (1FP1)	341234		3	34-CFDS
DIRU1 (1FP1)	341234		3	34-CFDS
DIRU1 (1FP1) / DMU (1TV)	341234		3	34-CFDS
DIRU1 (1FP1) / FDIMU (10TV)	341234		3	34-CFDS
DIRU1 (1FP1) AC SUPPLY	240000		1	34-ECAM

EFF: ALL

SROS

**I-CFDS** 

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### TROUBLE SHOOTING MANUAL

ADIRU1 (1FP1) ADR BUS 1 ADIRU1 (1FP1) ADR BUS 1 ADIRU1 (1FP1) ADR BUS 1 ADIRU1 (1FP1) BUS IR/ WXR1 (1SQ1) ADIRU1 (1FP1) BUS IR/ WXR1 (1SQ1) ADIRU1 (1FP1) DC SUPPLY ADIRU1 (1FP1) IR BUS/ WXR1 (1SQ1) ADIRU1 (1FP1) IR BUS/ WXR1 (1SQ1) ADIRU1 (1FP1) IR BUS/ WXR1 (1SQ1) ADIRU1 (1FP1) ADIRUS CDU (2FP) ADIRU1 (1FP1)/ ADIRUS (1FP2) ADIRU1 (1FP1)/ ADIRUS (1FP3) ADIRU1 (1FP1)/ DMC1 (1WT1) ADIRU1 (1FP1)/ DMC3 (1WT3) ADIRU1 (1FP1)/ DMC3 (1WT3) ADIRU1 (1FP1)/ ADIRU2 (1FP2) ADIRU1 (1FP1)/ADIRU2 (1FP2) ADIRU1 (1FP1)/ADIRU2 (1FP2) ADIRU1 (1FP1)/ADIRU2 (1FP2) ADIRU1 (1FP1)/ADIRU2 (1FP2) ADIRU1 (1FP1)/ADIRU3 (1FP3) ADIRU1 (1FP1)/GPWC (1WZ) ADIRU1 (1FP1)/GPWC (1WZ) ADIRU1 (1FP1)/TCAS (1SG)	ATA	SOURCE	CLASS	CH-PB101
ADIRU1 (1FP1) ADR BUS 1	341234	IR 1	1	34-ECAM
ADIRU1 (1FP1) ADR BUS 1	341234	IR 1	1	34-EFIS
NDIRU1 (1FP1) ADR BUS1	341234	IR 1	3	34-CFDS
DIRU1 (1FP1) BUS IR/ WXR1 (1SQ1)	341234	RADAR 1	1	34-ECAM
DIRU1 (1FP1) BUS IR/ WXR1 (1SQ1)	341234	RADAR 1	1	34-EFIS
DIRU1 (1FP1) DC SUPPLY	240000	IR 1	1	34-ECAM
DIRU1 (1FP1) IR BUS/ WXR1 (1SQ1)	341234	RADAR 1	1	34-ECAM
DIRU1 (1FP1) IR BUS/ WXR1 (1SQ1)	341234	RADAR 1	1	34-EFIS
DIRU1 (1FP1)/ ADIRS CDU (2FP)	341234	IR 1	2	34-ECAM
DIRU1 (1FP1)/ ADIRU2 (1FP2)	341234	ADR 3	3	34-CFDS
DIRU1 (1FP1)/ ADIRU3 (1FP3)	341234	ADR 2	3	34-CFDS
DIRU1 (1FP1)/ DMC1 (1WT1)	341234	ADR 1	1	34-CFDS
DIRU1 (1FP1)/ DMC1 (1WT1)	341234	IR 1	1	34-CFDS
DIRU1 (1FP1)/ DMC3 (1WT3)	341234	ADR 1	1	34-CFDS
DIRU1 (1FP1)/ DMC3 (1WT3)	341234	IR 1	1	34-CFDS
DIRU1 (1FP1)/ GPSSU1 (1SN1)	341234	GPS 1	3	34-CFDS
DIRU1 (1FP1)/ADIRU2 (1FP2)	341234	IR 2	1	27-ECAM
DIRU1 (1FP1)/ADIRU2 (1FP2)	341234	IR 2	1	34-CFDS
DIRU1 (1FP1)/ADIRU2 (1FP2)	341234	IR 2	1	34-ECAM
DIRU1 (1FP1)/ADIRU2 (1FP2)	341234	IR 2	3	34-CFDS
DIRU1 (1FP1)/ADIRU3 (1FP3)	341234	IR 3	1	27-ECAM
DIRU1 (1FP1)/ADIRU3 (1FP3)	341234	IR 3	1	34-CFDS
DIRU1 (1FP1)/ADIRU3 (1FP3)	341234	IR 3	1	34-ECAM
DIRU1 (1FP1)/ADIRU3 (1FP3)	341234	IR 3	3	34-CFDS
DIRU1 (1FP1)/GPWC (1WZ)	341234	GPWC	1	27-ECAM
DIRU1 (1FP1)/GPWC (1WZ)	341234	GPWC	1	34-ECAM
DIRU1 (1FP1)/GPWC (1WZ)	341234	GPWC	3	34-CFDS
DIRU1 (1FP1)/GPWC (1WZ)	341234	GPWC	3	34-EFIS
DIRU1 (1FP1)/TCAS (1SG)	341234	TCAS	1	27-ECAM
DIRU1 (1FP1)/TCAS (1SG)	341234	TCAS	1	34-CFDS
DIRU1 (1FP1)/TCAS (1SG)	341234	TCAS	1	34-ECAM
DIRU1 (1FP1)/TCAS (1SG)	341234	TCAS	1	34-EFIS
DIRU1 (19FP1)/ OVER TEMPERATURE	341234	ADR 1	1	34-ECAM
DIRU1(1FP1)+ADIRU2 (1FP2)/SDU1(105RV1)	341234	SDU	1	23-ECAM
DIRU1(1FP1)+ADIRU2 (1FP2)/SDU1(105RV1)	341234	SDU	1	34-CFDS
DIRU1(1FP1)/ SDU1(105RV1)	341234	SDU	3	34-CFDS
NIKU I ( IFP I ) / B3CU ( IUGG )	34 1234	<b>B</b> 2CO I	3	<b>34-CFV</b> 3
DIRU1(1FP1)/BSCU(10GG)		BSCU 2	3	34-CFDS
DIRU1(1FP1)/GPWC(100SG)	341234		1	34-ECAM
DIRU1(1FP1)/GPWC(100SG)	341234		3	34-CFDS
DIRU1(1FP1)/MMR1(40RT1)	341234		3	34-CFDS
DIRU1(1FP1)/MMR2(40RT2)	341234		3	34-CFDS
DIRU1(1FP1)/TCAS(100SG)	341234		1	27-ECAM
DIRU1(1FP1)/TCAS(100SG)	341234		1	34-ECAM
DIRU1(1FP1)/TCAS(100SG)	341234		1	34-EFIS
DIRU1+2+3(1FP1+2+3)/ BSCU(10GG)		BSCU 1	1	32-ECAM
DIRU1+2+3(1FP1+2+3)/ BSCU(10GG)	341234	BSCU 2	1	32-ECAM
DIRU1+3(1FP1+3)ADR BUS/ WXR1(1SQ1)	3/.123/.	RADAR 1	1	34-CFDS

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**I-CFDS** 

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ADIRU1+3(1FP1+3)BUS IR/ WXR1(1SQ1) ADIRU2 (1FP2) AC SUPPLY ADIRU2 (1FP2) ADR BUS 1 ADIRU2 (1FP2) ADR BUS 1 ADIRU2 (1FP2) ADR BUS 1 ADIRU2 (1FP2) BUS ADR/ WXR2 (1SQ2) ADIRU2 (1FP2) BUS IR/ WXR2 (1SQ2) ADIRU2 (1FP2) BUS IR/ WXR2 (1SQ2) ADIRU2 (1FP2) BUS IR/ WXR2 (1SQ2) ADIRU2 (1FP2) DC SUPPLY ADIRU2 (1FP2)/ ADIRUS CDU (2FP) ADIRU2 (1FP2)/ ADIRUS (1FP3) ADIRU2 (1FP2)/ DMC2 (1WT2) ADIRU2 (1FP2)/ DMC3 (1WT3) ADIRU2 (1FP2)/ DMC3 (1WT3) ADIRU2 (1FP2)/ DMC3 (1WT3) ADIRU2 (1FP2)/ ADIRU3 (1FP1) ADIRU2 (1FP2)/ADIRU1 (1FP1) ADIRU2 (1FP2)/ADIRU3 (1FP3)	ATA	SOURCE	CLASS	CH-PB101
ADIRU1+3(1FP1+3)BUS IR/ WXR1(1SQ1)	341234	RADAR 1	1	34-CFDS
ADIRU2 (1FP2)	341234	ADR 2	1	27-ECAM
ADIRU2 (1FP2)	341234	ADR 2	1	34-ECAM
ADIRU2 (1FP2)	341234	ADR 2	3	34-CFDS
DIRU2 (1FP2)	341234	IR 1	3	34-CFDS
DIRU2 (1FP2)	341234	IR 2	1	27-ECAM
DIRU2 (1FP2)	341234	IR 2	1	34-ECAM
DIRU2 (1FP2)	341234	IR 2	2	34-ECAM
DIRU2 (1FP2)	341234	IR 2	2	34-LOCAL
DIRU2 (1FP2)	341234	IR 2	3	34-CFDS
DIRU2 (1FP2)	341234	IR 3	3	34-CFDS
DIRU2 (1FP2) / DMU (1TV)	341234	DMU	3	34-CFDS
DIRU2 (1FP2) / FDIMU (10TV)	341234	DMU	3	34-CFDS
DIRU2 (1FP2) AC SUPPLY	240000	IR 2	1	34-ECAM
DIRU2 (1FP2) ADR BUS 1	341234	IR 2	1	34-ECAM
DIRU2 (1FP2) ADR BUS 1	341234	IR 2	1	34-EFIS
DIRU2 (1FP2) ADR BUS1	341234	IR 2	3	34-CFDS
DIRU2 (1FP2) BUS ADR/ WXR2 (1SQ2)	341234	RADAR 2	3	34-CFDS
DIRU2 (1FP2) BUS IR/ WXR2 (1SQ2)	341234	RADAR 2	1	34-ECAM
DIRU2 (1FP2) BUS IR/ WXR2 (1SQ2)	341234	RADAR 2	1	34-EFIS
DIRU2 (1FP2) DC SUPPLY	240000	IR 2	1	34-ECAM
DIRU2 (1FP2)/ ADIRS CDU (2FP)	341234	IR 2	1	34-ECAM
DIRU2 (1FP2)/ ADIRU3 (1FP3)	341234	ADR 1	3	34-CFDS
DIRU2 (1FP2)/ DMC2 (1WT2)	341234	ADR 2	1	34-CFDS
DIRU2 (1FP2)/ DMC2 (1WT2)	341234	IR 2	1	34-CFDS
DIRU2 (1FP2)/ DMC3 (1WT3)	341234	ADR 2	1	34-CFDS
DIRU2 (1FP2)/ DMC3 (1WT3)	341234	IR 2	1	34-CFDS
DIRU2 (1FP2)/ GPSSU2 (1SN2)	341234	GPS 2	3	34-CFDS
DIRU2 (1FP2)/ WRG:ADM DC SUPPLY TO ADM	341117	ADR 2	1	34-ECAM
DIRU2 (1FP2)/ADIRU1 (1FP1)	341234	IR 1	1	27-ECAM
DIRU2 (1FP2)/ADIRU1 (1FP1) DIRU2 (1FP2)/ADIRU1 (1FP1) DIRU2 (1FP2)/ADIRU1 (1FP1) DIRU2 (1FP2)/ADIRU1 (1FP1) DIRU2 (1FP2)/ADIRU3 (1FP3) DIRU2 (1FP2)/ADIRU3 (1FP3)	341234	IR 1	1	34-CFDS
DIRU2 (1FP2)/ADIRU1 (1FP1)	341234	IR 1	1	34-ECAM
DIRU2 (1FP2)/ADIRU1 (1FP1)	341234	IR 1	3	34-CFDS
DIRU2 (1FP2)/ADIRU3 (1FP3)	341234	IR 3	1	27-ECAM
DIRU2 (1FP2)/ADIRU3 (1FP3)	341234	IR 3	1	34-CFDS
DIRU2 (1FP2)/ADIRU3 (1FP3)	341234		3	34-CFDS
DIRU2 (19FP2)/ OVER TEMPERATURE	341234		2	34-ECAM
DIRU2(1FP2)/ SDU1(105RV1)	341234		3	34-CFDS
DIRU2(1FP2)/BSCU(10GG)		BSCU 1	3	34-CFDS
DIRU2(1FP2)/BSCU(10GG)		BSCU 2	3	34-CFDS
DIRU2(1FP2)/MMR1(40RT1)	341234		3	34-CFDS
DIRU2(1FP2)/MMR2(40RT2)	341234		3	34-CFDS
DIRU2+3(1FP2+3)ADR BUS/ WXR2(1SQ2)		RADAR 1	1	34-CFDS
DIRU2+3(1FP2+3)BUS IR/ WXR2(1SQ2)		RADAR 2	1	34-CFDS
DIRU3 (1FP3)	341234		1	27-ECAM
DIRU3 (1FP3)		ADR 3	1	34-ECAM
DIRU3 (1FP3)	341234	ADR 3	3	34-CFDS

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ADIRUS (1FP3) BUS ADR/ WXR2 (1SQ2) ADIRUS (1FP3) BUS IR/ WXR1 (1SQ1) ADIRUS (1FP3) BUS IR/ WXR2 (1SQ2) ADIRUS (1FP3) BUS IR/ WXR2 (1SQ2) ADIRUS (1FP3) BUS IR/ WXR2 (1SQ2) ADIRUS (1FP3) BUS IR/ WXR1 (1SQ1) ADIRUS (1FP3) ADIRUS (1FP2) ADIRUS (1FP2) ADIRUS (1FP3) ADIRUS (1FP2)	ATA	SOURCE	CLASS	CH-PB101
ADIRU3 (1FP3)	341234	IR 1	3	34-CFDS
NDIRU3 (1FP3)	341234	IR 2	3	34-CFDS
NDIRU3 (1FP3)	341234	IR 3	1	27-ECAM
DIRU3 (1FP3)	341234	IR 3	1	34-ECAM
DIRU3 (1FP3)	341234	IR 3	2	34-ECAM
DIRU3 (1FP3)	341234	IR 3	2	34-LOCAL
DIRU3 (1FP3)	341234	IR 3	3	34-CFDS
DIRU3 (1FP3) / FDIMU (10TV)	341234	DMU	3	34-CFDS
DIRU3 (1FP3) AC SUPPLY	240000	IR 3	1	34-ECAM
DIRU3 (1FP3) ADR BUS 1	341234	IR 3	1	34-ECAM
DIRU3 (1FP3) ADR BUS 1	341234	IR 3	1	34-EFIS
DIRU3 (1FP3) ADR BUS1	341234	IR 3	3	34-CFDS
DIRU3 (1FP3) BUS ADR/ WXR2 (1SQ2)	341234	RADAR 2	3	34-CFDS
DIRU3 (1FP3) BUS IR/ WXR1 (1SQ1)	341234	RADAR 1	1	34-ECAM
DIRU3 (1FP3) BUS IR/ WXR1 (1SQ1)	341234	RADAR 1	1	34-EFIS
DIRU3 (1FP3) BUS IR/ WXR2 (1SQ2)	341234	RADAR 2	1	34-ECAM
DIRU3 (1FP3) BUS IR/ WXR2 (1SQ2)	341234	RADAR 2	1	34-EFIS
DIRU3 (1FP3) DC SUPPLY	240000	IR 3	1	34-ECAM
DIRU3 (1FP3) IR BUS/ WXR1 (1SQ1)	341234	RADAR 1	1	34-ECAM
DIRU3 (1FP3) IR BUS/ WXR1 (1SQ1)	341234	RADAR 1	1	34-EFIS
DIRU3 (1FP3)/ ADIRS CDU (2FP)	341234	IR 3	1	34-ECAM
DIRU3 (1FP3)/ DMC1 (1WT1)	341234	ADR 3	1	34-CFDS
DIRU3 (1FP3)/ DMC1 (1WT1)	341234	IR 3	1	34-CFDS
DIRU3 (1FP3)/ DMC2 (1WT2)	341234	ADR 3	1	34-CFDS
DIRU3 (1FP3)/ DMC2 (1WT2)	341234	IR 3	1	34-CFDS
DIRU3 (1FP3)/ DMC3 (1WT3)	341234	ADR 3	1	34-CFDS
DIRU3 (1FP3)/ DMC3 (1WT3)	341234	IR 3	1	34-CFDS
DIRU3 (1FP3)/ GPSSU1 (1SN1)	341234	GPS 1	3	34-CFDS
DIRU3 (1FP3)/ GPSSU2 (1SN2)	341234	GPS 2	3	34-CFDS
DIRU3 (1FP3)/ WRG:ADM DC SUPPLY TO ADM	341117	ADR 3	1	34-ECAM
DIRU3 (1FP3)/ADIRU1 (1FP1)	341234	IR 1	1	27-ECAM
DIRU3 (1FP3)/ADIRU1 (1FP1)	341234	IR 1	1	34-CFDS
DIRU3 (1FP3)/ADIRU1 (1FP1)	341234	IR 1	1	34-ECAM
DIRU3 (1FP3)/ADIRU1 (1FP1)	341234	IR 1	3	34-CFDS
DIRU3 (1FP3)/ADIRU2 (1FP2)	341234	IR 2	1	27-ECAM
DIRU3 (1FP3)/ADIRU2 (1FP2)	341234	IR 2	1	34-CFDS
DIRU3 (1FP3)/ADIRU2 (1FP2)	341234	IR 2	1	34-ECAM
DIRU3 (1FP3)/ADIRU2 (1FP2)	341234		3	34-CFDS
DIRU3 (19FP3)/ OVER TEMPERATURE	341234	ADR 3	2	34-ECAM
DIRU3(1FP3)/BSCU(10GG)	341234	BSCU 1	3	34-CFDS
DIRU3(1FP3)/BSCU(10GG)	341234	BSCU 2	3	34-CFDS
DIRU3(1FP3)/MMR1(40RT1)	341234	MMR 1	3	34-CFDS
DIRU3(1FP3)/MMR2(40RT2)	341234	MMR 2	3	34-CFDS
DM (19FP4)	341117	ADR 1	3	34-CFDS
DM (19FP4)	341117	ADR 2	2	34-CFDS
DM (19FP4)	341117	ADR 2	3	34-CFDS
DM (19FP4)	341117	ADR 3	2	34-CFDS
DM (19FP4)	341117	ADR 3	3	34-CFDS

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**I-CFDS** 

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FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
DM (19FP5)	341117		3	34-CFDS
DM (19FP5)	341117		2	34-CFDS
DM (19FP5)	341117		3	34-CFDS
DM (19FP5)	341117		2	34-CFDS
DM (19FP5)	341117		3	34-CFDS
DM (19FP6)	341117		3	34-CFDS
DM (19FP6)	341117		2	34-CFDS
OM (19FP6)	341117		3	34-CFDS
OM (19FP6)	341117		2	34-CFDS
OM (19FP6)	341117		3	34-CFDS
OM (19FP7)	341117		3	34-CFDS
M (19FP7)	341117		2	34-CFDS
OM (19FP7)	341117		3	34-CFDS
M (19FP7)	341117		2	34-CFDS
M (19FP7)	341117		3	34-CFDS
M (19FP8)	341117		3	34-CFDS
M (19FP8)	341117		2	34-CFDS
M (19FP8)	341117		3	34-CFDS
M (19FP8)	341117		2	34-CFDS
M (19FP8)	341117		3	34-CFDS
M1 (19FP1)	341117		1	34-ECAM
M1 (19FP1)	341117		3	34-CFDS
M1 (19FP1)/ ADIRU1 (1FP1)	341117		1	34-ECAM
M1 (19FP1)/ ADM2 (19FP2)	341117		3	34-CFDS
M1 (19FP1)/ ADM2 (19FP2)	341117		3	34-CFDS
M1 (19FP1)/ ADM2 (19FP2)	341117		3	34-CFDS
M1 (19FP1)/ ADM3 (19FP3)	341117		3	34-CFDS
M1 (19FP1)/ ADM3 (19FP3)	341117		3	34-CFDS
M1 (19FP1)/ ADM3 (19FP3)	341117		3	34-CFDS
M1 (19FP1)/ ADM5 (19FP5)	341117		3	34-CFDS
M1(19FP1)/ADM2(19FP2)/ ADM3(19FP3)	341117		3	34-CFDS
M1(19FP1)/ADM2(19FP2)/ ADM3(19FP3)	341117		3	34-CFDS
M1(19FP1)/ADM2(19FP2)/ ADM3(19FP3)	341117		3	34-CFDS
M1(19FP1)/ADM4(19FP4)/ ADM5 (19FP5)	341117		1	34-ECAM
M2 (19FP2)	341117		1	34-ECAM
M2 (19FP2)	341117		3	34-CFDS
M2 (19FP2)/ ADIRU2 (1FP2)	341117		1	34-ECAM
M2 (19FP2)/ ADM3 (19FP3)	341117		3	34-CFDS
M2 (19FP2)/ ADM3 (19FP3)	341117		3	34-CFDS
M2 (19FP2)/ ADM3 (19FP3)	341117		3	34-CFDS
M2 (19FP2)/ ADM7 (19FP7)	341117		3	34-CFDS
M2(19FP2)/ADM6(19FP6)/ ADM7 (19FP7)	341117		1	34-ECAM
0M3 (19FP3)	341117		1	34-ECAM
DM3 (19FP3)	341117		3	34-CFDS
DM3 (19FP3)/ ADIRU3 (1FP3)	341117		1	34-ECAM
DM3 (19FP3)/ ADM8 (19FP8)	341117		3	34-CFDS
DM4 (19FP4)	341117		1	34-ECAM
DM4 (19FP4)/ ADIRU1 (1FP1)	341117	ADR 1	1	34-ECAM

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FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
MM4 (19FP4)/ ADM6 (19FP6)		ADR 1		34-CFDS
DM4 (19FP4)/ ADM6 (19FP6)	341117	ADR 2	3	34-CFDS
DM4 (19FP4)/ ADM6 (19FP6)	341117	ADR 3	3	34-CFDS
DM5 (19FP5)	341117	ADR 1	1	34-ECAM
DM5 (19FP5)	341117	ADR 1	3	34-CFDS
DM5 (19FP5)/ ADIRU1 (1FP1)	341117		1	34-ECAM
DM5 (19FP5)/ ADM7 (19FP7)	341117		3	34-CFDS
DM5 (19FP5)/ ADM7 (19FP7)	341117		3	34-CFDS
DM5 (19FP5)/ ADM7 (19FP7)	341117		3	34-CFDS
DM5(19FP5)/ADM4(19FP4)/ ADIRU2 (1FP2)			3	34-CFDS
DM5(19FP5)/ADM4(19FP4)/ ADIRU2/3 (1FP2/1FP3)			3	34-CFDS
DM5(19FP5)/ADM4(19FP4)/ ADIRU3 (1FP3)			3	34-CFDS
DM6 (19FP6)	341117		1	34-ECAM
DM6 (19FP6)	341117		3	34-CFDS
DM6 (19FP6)/ ADIRU2 (1FP2)	341117		1	34-ECAM
DM7 (19FP7)	341117		1	34-ECAM
DM7 (19FP7)	341117		3	34-CFDS
DM7 (19FP7)/ ADIRU2 (1FP2)	3/11117	ADD 2	1	34-ECAM
DM7(19FP7)/ADIROZ (1FFZ) DM7(19FP7)/ADM6(19FP6)/ ADIRU1 (1FP1)	341111	ADD 2	3	34-CFDS
DM7(19FP7)/ADM6(19FP6)/ ADIRU1/3 (1FP1/1FP3)			3	34-CFDS
DM7(19FP7)/ADM6(19FP6)/ ADIRU3 (1FP3)	341117		3	34-CFDS
DM8 (19FP8)	341117		1	34-ECAM
DM8 (19FP8)		ADR 3		34-CFDS
DM8 (19FP8)/ ADIRU1 (1FP1)	341117		3	34-CFDS
DM8 (19FP8)/ ADIRU1/2 (1FP1/1FP2)			3	34-CFDS
DMO (19FF0)/ ADIRUZ (1FFZ)	341117		3	34-CFDS
DM8 (19FP8)/ ADIRU3 (1FP3)	341117		1	34-ECAM
DR1		EFCS 1	1	27-ECAM
DR1		EFCS 1	1	34-ECAM
DR1		EFCS 1	2	22-ECAM
DR1	341234	EFCS 1	2	27-ECAM
DR1	341234	EFCS 2	1	27-ECAM
DR1	341234	EFCS 2	1	34-ECAM
DR1	341234	EFCS 2	2	22-ECAM
DR1	341234	EFCS 2	2	27-ECAM
DR1 BUS 2	341234	EFCS 1	1	34-ECAM
DR1 BUS 2	341234	EFCS 1	2	27-ECAM
DR1 BUS 2		EFCS 2	1	34-ECAM
DR1 BUS 2		EFCS 2	2	27-ECAM
DR1 BUS 3		EFCS 1	1	34-ECAM
DR1 BUS 3		EFCS 1	1	34-EFIS
DR1 BUS 3		EFCS 2	1	34-ECAM
DR1 BUS 3		EFCS 2	1	34-EFIS
DR2		EFCS 1	1	27-ECAM
DR2		EFCS 1	1	34-ECAM
DR2		EFCS 1	2	22-ECAM
DR2		EFCS 1	2	27-ECAM
DR2	341234			27-ECAM
	241/24	ELFO 5	1	ZI-ELAM

EFF: ALL

**I-CFDS** 

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CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
 ADR2	341234	EFCS 2	1	34-ECAM
ADR2	341234	EFCS 2	2	22-ECAM
ADR2	341234	EFCS 2	2	27-ECAM
DR2 BUS 2	341234	EFCS 1	1	34-ECAM
DR2 BUS 2	341234	EFCS 2	1	34-ECAM
DR2 OR BUS 3 TO ELAC1	341234			34-ECAM
DR2 OR BUS 3 TO ELAC1	341234	EFCS 1		34-EFIS
DR2 OR BUS 3 TO ELAC1	341234			27-ECAM
DR2 OR BUS 3 TO ELAC1	341234			34-ECAM
DR2 OR BUS 3 TO ELAC1	341234			34-EFIS
DR2 OR BUS 3 TO ELAC1	341234			27-ECAM
DR3	341234			27-ECAM
DR3	341234			34-ECAM
DR3	341234			22-ECAM
DR3	341234			27-ECAM
DR3	341234			27-ECAM
DR3	341234			34-ECAM
DR3	341234			22-ECAM
DR3	341234			27-ECAM
DR3 BUS 2	341234			34-ECAM
DR3 BUS 2	341234			27-ECAM
DR3 BUS 2	341234			34-ECAM
DR3 BUS 2	341234			27-ECAM
DR3 BUS 3	341234			34-ECAM
DR3 BUS 3	341234			34-EFIS
DR3 BUS 3	341234			34-ECAM
DR3 BUS 3	341234			34-EFIS
EVC	212634			21-ECAM
EVC	212634			26-ECAM
EVC	212634			21-CFDS
FS: ACARS	232434			23-CFDS
FS: ADIRU1	341234			22-ECAM
FS: ADIRU1	341234			27-ECAM
FS: ADIRU1	341234		1	34-ECAM
FS: ADIRU1	341234		1	34-EFIS
FS: ADIRU1 RTOK	341234		1	34-CFDS
FS: ADIRU1/2/3 DISAGREE	341234		1	22-ECAM
AFS: ADIRU2	341234		1	22-ECAM
FS: ADIRU2	341234		1	27-ECAM
FS: ADIRU2	341234		1	34-ECAM
FS: ADIRUZ	341234		1	34-EFIS
FS: ADIRUZ RTOK	341234		1	34-CFDS
FS: ADIRU3	341234		1	22-ECAM
FS: ADIRU3	341234		1	27-ECAM
FS: ADIRU3	341234		1	34-ECAM
AFS: ADIRU3	341234		1	34-EFIS
FS: ADIRU3 RTOK	341234		1	34-CFDS
FS: BSCU1	324234	AFS	1	32-CFDS

EFF: ALL

SROS

**I-CFDS** 

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### TROUBLE SHOOTING MANUAL

FDS	MESSAGES	ATA	SOURCE	CLASS	CH-PB101
FS:	BSCU1	324234	AFS	1	32-ECAM
FS:	BSCU1 RTOK	324234	AFS	1	32-CFDS
FS:	BSCU2	324234	AFS	1	32-CFDS
FS:	BSCU2	324234	AFS	1	32-ECAM
FS:	BSCU2 RTOK	324234		1	32-CFDS
FS:	CHECK ADIRU1/2/3	341234		1	34-CFDS
	CHECK ADIRU1/2/3	341234		3	34-CFDS
	CHECK FAC1	226634		1	22-CFDS
	CHECK FAC2	226634		1	22-CFDS
	CHECK FMGC1	228334		1	22-CFDS
	CHECK FMGC2	228334		1	22-CFDS
	CHK DMC1-FMGC1 CKT	316334		1	22-ECAM
	CHK DMC1-FMGC2 CKT	316334		1	22-ECAM
	CHK DMC2-FMGC1 CKT	316334	AFS	1	22-ECAM
S:	CHK DMC2-FMGC2 CKT	316334	AFS	1	22-ECAM
S:	CHK FAC1 RT	226634	AFS	1	22-CFDS
S:	CHK FAC1 YD	226634	AFS	1	22-CFDS
S:	CHK FAC1-ADIRU	226634	AFS	1	22-CFDS
S:	CHK FAC1-ELAC1/2 WRG	279334	AFS	1	27-ECAM
S:	CHK FAC2 RT	226634	AFS	1	22-CFDS
S:	CHK FAC2 YD	226634	AFS	1	22-CFDS
S:	CHK FAC2-ADIRU	226634	AFS	1	22-CFDS
S:	CHK FAC2-ELAC1/2 WRG	279334	AFS	1	27-ECAM
S:	CHK FG1-ATHR P/B CKT	228334	AFS	1	22-CFDS
S:	CHK FG2-ATHR P/B CKT	228334	AFS	1	22-CFDS
S:	CHK FIDS-FAC1 CKT	226634	AFS	1	22-CFDS
S:	CHK FIDS-FAC2 CKT	226634	AFS	1	22-CFDS
S:	CHK FIDS-FMGC1 CKT	226634	AFS	1	22-CFDS
S:	CHK FIDS-FMGC2 CKT	226634	AFS	1	22-CFDS
S:	CHK FMGC1 (FCU INPUT)	228334	AFS	1	22-CFDS
S:	CHK FMGC1-AP P/B CKT	228334	AFS	1	22-CFDS
S:	CHK FMGC1-FAC1/2 WRG	228334	AFS	1	22-CFDS
S:	CHK FMGC2 (FCU INPUT)	228334	AFS	1	22-CFDS
S:	CHK FMGC2-AP P/B CKT	228334		1	22-CFDS
S:	CHK FMGC2-FAC 1/2 WRG	228334	AFS	1	22-CFDS
	CHK FWC1-FMGC1 CKT	315334	AFS	1	22-ECAM
S:	CHK FWC1-FMGC2 CKT	315334	AFS	1	22-ECAM
S:	CHK FWC1/2 (INST SYS)	315334	AFS	3	31-CFDS
S:	CHK FWC2-FMGC1 CKT	315334	AFS	1	22-ECAM
S:	CHK FWC2-FMGC2 CKT	315334	AFS	1	22-ECAM
S:	CLOCK	312121	AFS	1	31-CFDS
	DME1	345133	AFS	1	22-EFIS
S:	DME2	345133	AFS	1	22-EFIS
S:	ELAC1	279334	AFS	1	27-CFDS
S:	ELAC1/BUS WIRG/FAC1	279334	AFS	1	22-ECAM
S:	ELAC1/BUS WIRG/FAC1	279334	AFS	1	27-CFDS
S:	ELAC1/BUS WIRG/FAC1	279334	AFS	1	27-ECAM
·s:	ELAC1/BUS WIRG/FAC2	279334	AFS	1	22-ECAM

EFF: ALL

SROS

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS	MESSAGES	ATA	SOURCE	CLASS	CH-PB101
	ELAC1/BUS WIRG/FAC2	279334		1	27-CFDS
AFS:	ELAC1/BUS WIRG/FAC2	279334	AFS	1	27-ECAM
AFS:	ELAC2	279334	AFS	1	27-CFDS
AFS:	ELAC2/BUS WIRG/FAC1	279334	AFS	1	22-ECAM
AFS:	ELAC2/BUS WIRG/FAC1	279334	AFS	1	27-CFDS
	ELAC2/BUS WIRG/FAC1	279334	AFS	1	27-ECAM
	ELAC2/BUS WIRG/FAC2	279334	AFS	1	22-ECAM
FS:	ELAC2/BUS WIRG/FAC2	279334		1	27-CFDS
FS:	ELAC2/BUS WIRG/FAC2	279334	AFS	1	27-ECAM
	FAC1	226634	AFS	1	22-CFDS
	FAC1	226634	AFS	1	22-ECAM
FS:	FAC1	226634	AFS	1	27-ECAM
FS:	FAC1 RTOK	226634	AFS	1	22-CFDS
FS:	FAC1 RTOK FAC1-SFCC1 CKT	323171	AFS	1	32-CFDS
FS:	FAC1/AP1 ENGD WIRING	226634		1	22-CFDS
	FAC1/AP1 ENGD WIRING	226634	AFS	1	22-ECAM
FS:	FAC1/AP2 ENGD WIRING	226634	AFS	1	22-CFDS
FS:	FAC1/AP2 ENGD WIRING	226634	AFS	1	22-ECAM
FS:	FAC1/C-M ARINC LINK	226634	AFS	1	22-ECAM
FS:	FAC1/C-M ARINC LINK	226634	AFS	1	27-ECAM
FS:	FAC1/ELAC1 BUS WIRG	226634	AFS	1	22-CFDS
FS:	FAC1/ELAC2 BUS WIRG	226634	AFS	1	22-CFDS
FS:	FAC1/FMGC1 ARINC LK	226634	AFS	1	22-CFDS
FS:	FAC1/FMGC1 BUS WIRG	226634	AFS	1	22-CFDS
FS:	FAC1/FMGC2 ARINC LK	226634	AFS	1	22-CFDS
FS:	FAC1/FMGC2 BUS WIRG	226634	AFS	1	22-CFDS
FS:	FAC1/P-B SW 12CC1	226634	AFS	1	22-CFDS
FS:	FAC1/P-B SW 12CC1	226634	AFS	1	22-ECAM
FS:	FAC1/P-B SW 12CC1	226634	AFS	1	27-ECAM
FS:	FAC1/PARITY PIN PRG	226634	AFS	1	22-CFDS
FS:	FAC1/RT ACTR 10CC	226634	AFS	1	22-ECAM
FS:	FAC1/RT CTRL SW 9CC	226634	AFS	1	22-ECAM
FS:	FAC1/RT ENGD CHG-OV	226634	AFS	1	22-CFDS
FS:	FAC1/RT ENGD FDBK	226634	AFS	1	22-ECAM
FS:	FAC1/RT RESET SW 8CC	226634	AFS	1	22-ECAM
FS:	FAC1/RTL ACTR 4CC	226634		1	22-ECAM
FS:	FAC1/RTL ENGD CHG-OV	226634	AFS	1	22-CFDS
	FAC1/RTL ENGD FDBK	226634		1	22-ECAM
	FAC1/YD ACTR1 3CC1	226634		1	22-ECAM
	FAC1/YD ACTR1 3CC1	226634		1	27-ECAM
	FAC1/YD ENGD CHG-OV	226634	AFS	1	22-CFDS
	FAC1/YD ENGD FDBK	226634		1	22-ECAM
	FAC1/YD ENGD FDBK	226634		1	27-ECAM
	FAC1/YD RVDT BX 2CC	226634		1	22-ECAM
	FAC1/YD RVDT BX 2CC	226634		1	27-ECAM
	FAC2	226634		1	22-CFDS
	FAC2	226634		1	22-ECAM
	FAC2	226634		1	27-ECAM

EFF: ALL

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**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS	MESSAGES	ATA	SOURCE	CLASS	CH-PB101
	FAC2 RTOK	226634	AFS	1	22-CFDS
AFS:	FAC2-SFCC2 CKT	323171	AFS	1	32-CFDS
AFS:	FAC2/AP1 ENGD WIRING FAC2/AP1 ENGD WIRING	226634	AFS	1	22-CFDS
AFS:	FAC2/AP1 ENGD WIRING	226634	AFS	1	22-ECAM
	FAC2/AP2 ENGD WIRING	226634	AFS	1	22-CFDS
	FAC2/AP2 ENGD WIRING		AFS		22-ECAM
	FAC2/C-M ARINC LINK	226634	AFS	1	22-ECAM
\FS:	FAC2/C-M ARINC LINK	226634	AFS	1	27-ECAM
\FS:	FAC2/ELAC1 BUS WIRG	226634	AFS	1	22-CFDS
FS:	FAC2/ELAC2 BUS WIRG	226634	AFS	1	22-CFDS
FS:	FAC2/FMGC1 ARINC LK	226634	AFS	1	22-CFDS
FS:	FAC2/FMGC1 BUS WIRG	226634	AFS	1	22-CFDS
	FAC2/FMGC2 ARINC LK	226634	AFS	1	22-CFDS
\FS:	FAC2/FMGC2 BUS WIRG	226634	AFS	1	22-CFDS
	FAC2/P-B SW 12CC2		AFS		22-CFDS
\FS:	FAC2/P-B SW 12CC2	226634	AFS	1	22-ECAM
FS:	FAC2/P-B SW 12CC2	226634	AFS	1	27-ECAM
FS:	FAC2/PARITY PIN PRG	226634	AFS	1	22-CFDS
FS:	FAC2/RT ACTR 10CC	226634	AFS	1	22-ECAM
FS:	FAC2/RT CTRL SW 9CC	226634	AFS	1	22-ECAM
FS:	FAC2/RT ENGD CHG-OV	226634	AFS	1	22-CFDS
FS:	FAC2/RT ENGD FDBK	226634	AFS	1	22-ECAM
FS:	FAC2/RT RESET SW 8CC	226634	AFS	1	22-ECAM
\FS:	FAC2/RT RESET SW 8CC	226634	AFS	1	22-0BSV
\FS:	FAC2/RTL ACTR 4CC	226634	AFS	1	22-ECAM
FS:	FAC2/RTL ENGD CHG-OV	226634	AFS	1	22-CFDS
FS:	FAC2/RTL ENGD FDBK	226634	AFS	1	22-ECAM
\FS:	FAC2/YD ACTR2 3CC2	226634	AFS	1	22-ECAM
\FS:	FAC2/YD ACTR2 3CC2	226634	AFS	1	27-ECAM
FS:	FAC2/YD ENGD CHG-OV	226634	AFS	1	22-CFDS
FS:	FAC2/YD ENGD FDBK	226634	AFS	1	22-ECAM
\FS:	FAC2/YD ENGD FDBK	226634	AFS	1	27-ECAM
AFS:	FAC2/YD RVDT BX 2CC	226634	AFS	1	22-ECAM
\FS:	FAC2/YD RVDT BX 2CC	226634	AFS	1	27-ECAM
\FS:	FADEC1	732160	AFS	1	22-ECAM
FS:	FADEC1	732160	AFS	1	73-CFDS
\FS:	FADEC1	732160	AFS	1	77-ECAM
NFS:	FADEC2	732160	AFS	1	22-ECAM
NFS:	FADEC2	732160	AFS	1	73-CFDS
FS:	FCU	228112	AFS	1	22-ECAM
FS:	FCU (APPR NOT ENGD)	228112	AFS	1	22-CFDS
FS:	FMGC1	228334	AFS	1	21-ECAM
FS:	FMGC1	228334	AFS	1	22-CFDS
FS:	FMGC1	228334	AFS	1	22-ECAM
FS:	FMGC1 (ALPHA FLOOR)	228334	AFS	1	22-ECAM
\FS:	FMGC1 (FM1)	228334	AFS	1	22-ECAM
AFS:	FMGC1 (ORD COMP)	228334	AFS	1	22-ECAM
FC-	FMGC1 RTOK	228334	ΔFS	1	22-CFDS

EFF: ALL

SROS

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

IFS: FMGC1/AP ENGD FDBK IFS: FMGC1/AP2 ENGD WIRG IFS: FMGC1/AP2 ENGD WIRG IFS: FMGC1/AP2 ENGD WIRG IFS: FMGC1/ATHR DISC CKT IFS: FMGC1/ATHR ENGD FDBK IFS: FMGC1/ATHR ENGD FDBK IFS: FMGC1/ATHRE ENG WIRG IFS: FMGC1/ATHRE ENG WIRG IFS: FMGC1/ATHRE ENG WIRG IFS: FMGC1/ATHRE ENG WIRG IFS: FMGC1/FAC1 (HLTY CKT) IFS: FMGC1/FAC1 (HLTY CKT) IFS: FMGC1/FAC1 (HLTY CKT) IFS: FMGC1/FAC1 (HLTY CKT) IFS: FMGC1/FAC2 (HLTY CKT) IFS: FMGC2/ATHR FLOOR) IFS: FMGC2/ATHR ENGD FDBK IFS: FMGC2/C-M ARINC LINK INTICUTENT INTICUTENT INTICUTENT INTICUTENT INTICUTENT IN	SOURCE	CLASS	CH-PB101
FS: FMGC1/AP2 ENGD WIRG   2283   FS: FMGC1/AP2 ENGD WIRG   2283   FS: FMGC1/ATHR DISC CKT   2283   FS: FMGC1/ATHR ENGD FDBK   2283   FS: FMGC1/ATHR ENGD FDBK   2283   FS: FMGC1/ATHR ENGD FDBK   2283   FS: FMGC1/ATHR2 ENG WIRG   2283   FS: FMGC1/ATHR2 ENG WIRG   2283   FS: FMGC1/C—M ARINC LINK   2283   FS: FMGC1/FAC1 (HLTY CKT)   2283   FS: FMGC1/FAC2 BUS WIRG   2283   FS: FMGC1/FCU (AP1 SW)   2283   FS: FMGC1/FCU (AP1 SW)   2283   FS: FMGC1/FCU (FW DISC1)   2283   FS: FMGC1/FMGC2 (FD CKT)   2283   FS: FMGC2/APA FNGD FDBK   2283   FS: FMGC2/APA FNGD FDBK   2283   FS: FMGC2/APA ENGD FDBK   2283   FS: FMGC2/APARA ENGD FDBK   2283   FS: FMGC2/APARA ENGD FDBK   2283   FS: FMGC2/APARA ENGD	34 AFS	1	22-CFDS
IFS: FMGC1/AP2 ENGD WIRG  IFS: FMGC1/ATHR DISC CKT  IFS: FMGC1/ATHR ENGD FDBK  IFS: FMGC1/ATHR ENGD FDBK  IFS: FMGC1/ATHR ENGD FDBK  IFS: FMGC1/ATHR2 ENG WIRG  IFS: FMGC1/ATHR2 ENG WIRG  IFS: FMGC1/FAC1 (HLTY CKT)  IFS: FMGC1/FAC2 (HLTY CKT)  IFS: FMGC1/FCU (ATHR SW)  IFS: FMGC1/FCU (ATHR SW)  IFS: FMGC1/FMGC2 (FD CKT)  IFS: FMGC1/FMGC2 (BUS A WG  IFS: FMGC1/FMGC2 (BUS A WG  IFS: FMGC1/FMGC2 (BUS A WG  IFS: FMGC1/FMGC2 (INT)  IFS: FMGC2/APARITY PIN PRG  IFS: FMGC2 (ALPHA FLOOR)  IFS: FMGC2 (ALPHA FLOOR)  IFS: FMGC2 (ALPHA FLOOR)  IFS: FMGC2 (ALPHA FLOOR)  IFS: FMGC2/AP ENGD FDBK  IFS: FMGC2/AP ENGD FDBK  IFS: FMGC2/APT ENGD WIRG  IFS: FMGC2/APT ENGD WIRG  IFS: FMGC2/ATHR ENGD FDBK  IFS: FMGC2/C-M ARINC LINK	34 AFS	1	22-ECAM
IFS: FMGC1/ATHR DISC CKT  IFS: FMGC1/ATHR ENGD FDBK  IFS: FMGC1/ATHR ENGD FDBK  IFS: FMGC1/ATHR ENGD FDBK  IFS: FMGC1/ATHR2 ENG WIRG  IFS: FMGC1/ATHR2 ENG WIRG  IFS: FMGC1/FAC1 (HLTY CKT)  IFS: FMGC1/FAC2 (HLTY CKT)  IFS: FMGC1/FCU (AP1 SW)  IFS: FMGC1/FCU (AP1 SW)  IFS: FMGC1/FCU (FW DISC1)  IFS: FMGC1/FMGC2 (FD CKT)  IFS: FMGC1/FMGC2 (FD CKT)  IFS: FMGC1/FMGC2 (FD CKT)  IFS: FMGC1/FMGC2 (FD CKT)  IFS: FMGC1/PARITY PIN PRG  IFS: FMGC1/PARITY PIN PRG  IFS: FMGC2  IFS: FMGC2  IFS: FMGC2 (ALPHA FLOOR)  IFS: FMGC2 (ALPHA FLOOR)  IFS: FMGC2 (AP1 ENGD FDBK  IFS: FMGC2/AP1 ENGD FDBK  IFS: FMGC2/AP1 ENGD FDBK  IFS: FMGC2/ATHR  ENG WIRG  IFS: FMGC2/C-M ARINC LINK   2283	34 AFS	1	22-CFDS
FS: FMGC1/ATHR ENGD FDBK  FS: FMGC1/ATHR ENGD FDBK  FS: FMGC1/ATHR2 ENG WIRG  FS: FMGC1/ATHR2 ENG WIRG  FS: FMGC1/C-M ARINC LINK  FS: FMGC1/FAC1 (HLTY CKT)  FS: FMGC1/FAC1 (HLTY CKT)  FS: FMGC1/FAC1 (HLTY CKT)  FS: FMGC1/FAC1 BUS WIRG  FS: FMGC1/FAC2 (HLTY CKT)  FS: FMGC1/FCU (AP1 SW)  FS: FMGC1/FCU (AP1 SW)  FS: FMGC1/FCU (FW DISC1)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC2/FMGC2 (FD CKT)  FS: FMGC2/FMGC2 (FD CKT)  FS: FMGC2/FMGC2 (FM2)  FS: FMGC2/APARITY PIN PRG  2283  FS: FMGC2/APARING FDBK  FS: FMGC2/APARING FDBK  FS: FMGC2/APARING FDBK  FS: FMGC2/ATHR ENGD FDBK  FS: FMGC2/C-M ARINC LINK	34 AFS	1	22-ECAM
FS: FMGC1/ATHR ENGD FDBK  FS: FMGC1/ATHR2 ENG WIRG  FS: FMGC1/ATHR2 ENG WIRG  FS: FMGC1/FAC1 (HLTY CKT)  FS: FMGC1/FAC2 (HLTY CKT)  FS: FMGC1/FCU (FW DISC1)  FS: FMGC1/FCU (FW DISC1)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC1/FMGC2 (BUS A WG  FS: FMGC2 (ALPHA FLOOR)  FS: FMG	34 AFS	1	22-CFDS
FS: FMGC1/ATHR2 ENG WIRG  FS: FMGC1/ATHR2 ENG WIRG  FS: FMGC1/FAC1 (HLTY CKT)  FS: FMGC1/FAC2 (HLTY CKT)  FS: FMGC1/FCU (AP1 SW)  FS: FMGC1/FCU (AP1 SW)  FS: FMGC1/FCU (FW DISC1)  FS: FMGC1/FCU (FW DISC1)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC1/FMGC2 BUS A WG  FS: FMGC1/FMGC2 BUS A WG  FS: FMGC1/TAKE OV CKT  FS: FMGC2  FS: FMGC2  FS: FMGC2  FS: FMGC2  FS: FMGC2 (ALPHA FLOOR)   34 AFS	1	22-CFDS	
FS: FMGC1/ATHR2 ENG WIRG  FS: FMGC1/C-M ARINC LINK  FS: FMGC1/FAC1 (HLTY CKT)  FS: FMGC1/FAC2 (HLTY CKT)  FS: FMGC1/FCU (AP1 SW)  FS: FMGC1/FCU (ATHR SW)  FS: FMGC1/FCU (FW DISC1)  FS: FMGC1/FCU (FW DISC2)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC1/FMGC2 BUS A WG  FS: FMGC1/TAKE OV CKT  FS: FMGC2  FS: FMGC2 (ALPHA FLOOR)  FS: FMGC2 (ALPHA FLOOR)  FS: FMGC2 (ACC CMC)  FS: FMGC2 (ALPHA FLOOR)  FS: FMGC2/AP ENGD FDBK  FS: FMGC2/AP ENGD FDBK  FS: FMGC2/APT ENGD WIRG  FS: FMGC2/APT ENGD WIRG  FS: FMGC2/ATHR ENGD FDBK  FS: FMGC2/C-M ARINC LINK   2283:	34 AFS	1	22-ECAM
FS: FMGC1/C-M ARINC LINK  2283: FS: FMGC1/FAC1 (HLTY CKT)  2283: FS: FMGC1/FAC1 (HLTY CKT)  2283: FS: FMGC1/FAC1 (HLTY CKT)  2283: FS: FMGC1/FAC1 BUS WIRG  2283: FS: FMGC1/FAC2 (HLTY CKT)  2283: FS: FMGC1/FAC2 WIRG  2283: FS: FMGC1/FCU (AP1 SW)  2283: FS: FMGC1/FCU (FW DISC1)  2283: FS: FMGC1/FCU (FW DISC2)  2283: FS: FMGC1/FMGC2 (FD CKT)  2283: FS: FMGC1/FMGC2 (FD CKT)  2283: FS: FMGC1/FMGC2 BUS A WG  2283: FS: FMGC1/FMGC2 BUS A WG  2283: FS: FMGC1/FAC2 WCKT  2283: FS: FMGC2  2283: FS: FMGC2 (ALPHA FLOOR)  2283: FS: FMGC2 (ALPHA FLOOR)  2283: FS: FMGC2 (ACD COMP)  2283: FS: FMGC2 (ALPHA FLOOR)  2283: FS: FMGC2 (ALPHA FLOOR)  2283: FS: FMGC2/AP ENGD FDBK  2283: FS: FMGC2/AP ENGD FDBK  2283: FS: FMGC2/AP1 ENGD WIRG  2283: FS: FMGC2/AP1 ENGD WIRG  2283: FS: FMGC2/ATHR DISC CKT  2283: FS: FMGC2/ATHR ENGD FDBK  2283: FS: FMGC2/ATHR ENG WIRG  5283: FS: FMGC2/ATHR ENG WIRG  5283: FS: FMGC2/C-M ARINC LINK  2283:	34 AFS	1	22-CFDS
FS: FMGC1/FAC1 (HLTY CKT)  FS: FMGC1/FAC1 (HLTY CKT)  FS: FMGC1/FAC1 (HLTY CKT)  FS: FMGC1/FAC1 (HLTY CKT)  FS: FMGC1/FAC1 BUS WIRG  FS: FMGC1/FAC2 (HLTY CKT)  FS: FMGC1/FAC2 (HLTY CKT)  FS: FMGC1/FAC2 (HLTY CKT)  FS: FMGC1/FAC2 (HLTY CKT)  FS: FMGC1/FAC2 BUS WIRG  FS: FMGC1/FCU (FW DISC1)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC1/FMGC2 BUS A WG  FS: FMGC1/FMGC2 BUS A WG  FS: FMGC1/TAKE OV CKT  FS: FMGC2  FS: FMGC2  FS: FMGC2 (ALPHA FLOOR)  FS: FMGC2 (FD CMD)  FS: FMGC2 (ALPHA FLOOR)  FS: FMGC2 (ALPHA FLOOR)  FS: FMGC2 (ALPHA FLOOR)  FS: FMGC2 (ATHR DISC CMT)  FS: FMGC2/AP ENGD FDBK  FS: FMGC2/AP1 ENGD WIRG  FS: FMGC2/AP1 ENGD WIRG  FS: FMGC2/AP1 ENGD WIRG  FS: FMGC2/AP1 ENGD WIRG  FS: FMGC2/AP1 ENGD FDBK  FS: FMGC2	34 AFS	1	22-ECAM
FS: FMGC1/FAC1 (HLTY CKT)  FS: FMGC1/FAC1 (HLTY CKT)  FS: FMGC1/FAC1 (HLTY CKT)  FS: FMGC1/FAC1 BUS WIRG  FS: FMGC1/FAC2 (HLTY CKT)  FS: FMGC1/FAC2 (HLTY CKT)  FS: FMGC1/FAC2 (HLTY CKT)  FS: FMGC1/FAC2 (HLTY CKT)  FS: FMGC1/FAC2 BUS WIRG  FS: FMGC1/FCU (AP1 SW)  FS: FMGC1/FCU (FW DISC1)  FS: FMGC1/FCU (FW DISC1)  FS: FMGC1/FCU (FW DISC2)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC1/FACE BUS A WG  FS: FMGC2/APATITY PIN PRG  FS: FMGC2  FS: FMGC2 (ALPHA FLOOR)  FS: FMGC2 (ALPHA FLOOR)  FS: FMGC2 (ALPHA FLOOR)  FS: FMGC2 (ALPHA FLOOR)  FS: FMGC2/AP ENGD FDBK  FS: FMGC2/AP ENGD FDBK  FS: FMGC2/AP1 ENGD WIRG  FS: FMGC2/AP1 ENGD WIRG  FS: FMGC2/AP1 ENGD WIRG  FS: FMGC2/ATHR ENGD FDBK  FS: FMGC2/C-M ARINC LINK   2283	34 AFS	1	22-ECAM
FS: FMGC1/FAC1 (HLTY CKT)  FS: FMGC1/FAC1 BUS WIRG  FS: FMGC1/FAC2 (HLTY CKT)  FS: FMGC1/FAC2 BUS WIRG  FS: FMGC1/FCU (AP1 SW)  FS: FMGC1/FCU (FW DISC1)  FS: FMGC1/FCU (FW DISC2)  FS: FMGC1/FCU (FW DISC2)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC1/FARITY PIN PRG  FS: FMGC1/FARITY PIN PRG  FS: FMGC2  FMGC2  FS: FMGC2  FMGC2  FS: FMGC2  FMGC2  FS:	34 AFS	1	22-CFDS
FS: FMGC1/FAC1 BUS WIRG  FS: FMGC1/FAC2 (HLTY CKT)  FS: FMGC1/FAC2 BUS WIRG  FS: FMGC1/FCU (AP1 SW)  FS: FMGC1/FCU (ATHR SW)  FS: FMGC1/FCU (FW DISC1)  FS: FMGC1/FCU (FW DISC2)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC1/FMGC2 BUS A WG  FS: FMGC1/FMGC2 BUS A WG  FS: FMGC1/FARITY PIN PRG  FS: FMGC1/TAKE OV CKT  FS: FMGC2  FS: FMGC2 (ALPHA FLOOR)  FS: FMGC2/AP ENGD FDBK  FS: FMGC2/AP1 ENGD WIRG  FS: FMGC2/AP1 ENGD WIRG  FS: FMGC2/ATHR ENGD FDBK  FS: FMGC2/ATHR ENGD WIRG  FS: FMGC2/ATHR ENGD WIRG  FS: FMGC2/ATHR ENGD WIRG  FS: FMGC2/ATHR ENGD WIRG  FS: FMGC2/ATHR ENG WIRG  FS: FMGC2/ATHR ENG WIRG  FS: FMGC2/ATHR ENG WIRG  FS: FMGC2/C-M ARINC LINK   2283	34 AFS	1	22-ECAM
FS: FMGC1/FAC2 (HLTY CKT)  FS: FMGC1/FAC2 BUS WIRG  FS: FMGC1/FCU (AP1 SW)  FS: FMGC1/FCU (ATHR SW)  FS: FMGC1/FCU (FW DISC1)  FS: FMGC1/FCU (FW DISC2)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC1/FMGC2 (FD CKT)  FS: FMGC1/FMGC2 BUS A WG  FS: FMGC1/FMGC2 BUS A WG  FS: FMGC1/FARITY PIN PRG  FS: FMGC1/TAKE OV CKT  FS: FMGC2  FS: FMGC2  FS: FMGC2 (ALPHA FLOOR)  FS: FMGC2/AP ENGD FDBK  FS: FMGC2/AP1 ENGD WIRG  FS: FMGC2/AP1 ENGD WIRG  FS: FMGC2/ATHR DISC CKT  FS: FMGC2/ATHR ENGD FDBK  FS: FMGC2/ATHR ENGD WIRG  FS: FMGC2/C-M ARINC LINK	34 AFS	1	27-ECAM
### FS: FMGC1/FAC2 (HLTY CKT)	34 AFS	1	22-CFDS
### SES	34 AFS	1	22-CFDS
### FS: FMGC1/FAC2 BUS WIRG ### 2283 ### FS: FMGC1/FCU (AP1 SW) ### 2283 ### FS: FMGC1/FCU (ATHR SW) ### 2283 ### FS: FMGC1/FCU (FW DISC1) ### 2283 ### FS: FMGC1/FCU (FW DISC2) ### 2283 ### FMGC1/FMGC2 (FD CKT) ### 2283 ### FS: FMGC1/FMGC2 (FD CKT) ### 2283 ### FS: FMGC1/FMGC2 BUS A WG ### 2283 ### FS: FMGC2 (ALPHA FLOOR) ### 2283 ### FS: FMGC2 (ARPHA FLOOR) ### 2283 ### FS: FMGC2 (ARPHA FLOOR) ### 2283 ### FS: FMGC2/AP1 ENGD FDBK ### 2283 ### FS: FMGC2/AP1 ENGD WIRG ### 2283 ### FS: FMGC2/ATHR ENGD FDBK ### 2283 ### FS: FMGC2/ATHR ENG WIRG ### 2283	34 AFS	1	22-ECAM
2283: SS: FMGC1/FCU (AP1 SW) 2283: SS: FMGC1/FCU (ATHR SW) 2283: SS: FMGC1/FCU (FW DISC1) 2283: SS: FMGC1/FMGC2 (FD CKT) 2283: SS: FMGC1/FMGC2 (FD CKT) 2283: SS: FMGC1/FMGC2 BUS A WG 2283: SS: FMGC1/PARITY PIN PRG 2283: SS: FMGC1/TAKE OV CKT 2283: SS: FMGC2 APHA FLOOR) 2283: SS: FMGC2/AP ENGD FDBK 2283: SS: FMGC2/AP1 ENGD WIRG 2283: SS: FMGC2/AP1 ENGD WIRG 2283: SS: FMGC2/AP1 ENGD FDBK 2283: SS: FMGC2/APHR ENGD FDBK 2283: SS: FMGC2/APHR ENGD FDBK 2283: SS: FMGC2/ATHR ENGD FDBK 2283: SS: FMGC2/ATHR ENGD FDBK 2283: SS: FMGC2/ATHR ENGD FDBK 2283: SS: FMGC2/ATHR1 ENG WIRG 2283: SS: FMGC2/ATHR1 ENG WIRG 2283: SS: FMGC2/ATHR1 ENG WIRG 2283: SS: FMGC2/C-M ARINC LINK 2283:	34 AFS	1	27-ECAM
## FS: FMGC1/FCU (ATHR SW) ## FS: FMGC1/FCU (FW DISC1) ## FS: FMGC1/FCU (FW DISC2) ## FS: FMGC1/FMGC2 (FD CKT) ## FS: FMGC1/FMGC2 (FD CKT) ## FS: FMGC1/FMGC2 (FD CKT) ## FS: FMGC1/FMGC2 BUS A WG ## FS: FMGC1/PARITY PIN PRG ## FS: FMGC1/TAKE OV CKT ## FS: FMGC2 ## FS: FMGC2 ## FS: FMGC2 ## FS: FMGC2 (ALPHA FLOOR) ## FS: FMGC2 (ALPHA FLOOR) ## FS: FMGC2 (ORD COMP) ## FS: FMGC2 (ATHC2) ## FS: FMGC2/AP ENGD FDBK ## FS: FMGC2/AP1 ENGD WIRG ## FS: FMGC2/AP1 ENGD WIRG ## FS: FMGC2/AP1 ENGD FDBK ## FS: FMGC2/ATHR ENG WIRG ## FS: FMGC2/C-M ARINC LINK	34 AFS	1	22-CFDS
### FS: FMGC1/FCU (FW DISC1) ### FS: FMGC1/FCU (FW DISC2) ### FS: FMGC1/FMGC2 (FD CKT) ### CS: FMGC1/FMGC2 (FD CKT) ### CS: FMGC1/FMGC2 (FD CKT) ### CS: FMGC1/FMGC2 BUS A WG ### FS: FMGC1/FMGC2 BUS A WG ### FS: FMGC1/PARITY PIN PRG ### CS: FMGC1/TAKE OV CKT ### CS: FMGC2 ### CS: FMGC2 ### CS: FMGC2 ### CS: FMGC2 (ALPHA FLOOR) ### CS: FMGC2 (ALPHA FLOOR) ### CS: FMGC2 (ORD COMP) ### CS: FMGC2 (ORD COMP) ### CS: FMGC2/AP ENGD FDBK ### CS: FMGC2/AP ENGD FDBK ### CS: FMGC2/AP1 ENGD WIRG ### CS: FMGC2/AP1 ENGD WIRG ### CS: FMGC2/AP1 ENGD FDBK ### CS: FMGC2/C-M ARINC LINK ### CS: FMGC2/C-M ARINC LINK ### CS: FMGC2/C-M ARINC LINK	34 AFS	1	22-CFDS
S: FMGC1/FCU (FW DISC1) S: FMGC1/FCU (FW DISC2) S: FMGC1/FMGC2 (FD CKT) S: FMGC1/FMGC2 (FD CKT) S: FMGC1/FMGC2 (FD CKT) S: FMGC1/FMGC2 BUS A WG S: FMGC1/PARITY PIN PRG S: FMGC1/TAKE OV CKT S: FMGC2 S: FMGC2 S: FMGC2 S: FMGC2 S: FMGC2 (ALPHA FLOOR) S: FMGC2 (ALPHA FLOOR) S: FMGC2 (ORD COMP) S: FMGC2 RTOK S: FMGC2/AP ENGD FDBK S: FMGC2/AP1 ENGD WIRG S: FMGC2/AP1 ENGD WIRG S: FMGC2/AP1 ENGD FDBK S: FMGC2/AP1 ENGD WIRG S: FMGC2/AP1 ENGD FDBK S: FMGC2/ATHR ENGD FDBK	34 AFS	1	22-CFDS
S: FMGC1/FCU (FW DISC2)  S: FMGC1/FMGC2 (FD CKT)  S: FMGC1/FMGC2 (FD CKT)  S: FMGC1/FMGC2 BUS A WG  S: FMGC1/PARITY PIN PRG  S: FMGC1/TAKE OV CKT  S: FMGC2  S: FMGC2  S: FMGC2  S: FMGC2  S: FMGC2 (ALPHA FLOOR)  S: FMGC2 (ORD COMP)  S: FMGC2 RTOK  S: FMGC2 RTOK  S: FMGC2/AP ENGD FDBK  S: FMGC2/AP1 ENGD WIRG  S: FMGC2/AP1 ENGD WIRG  S: FMGC2/ATHR DISC CKT  S: FMGC2/ATHR ENGD FDBK  S: FMGC2/ATHR1 ENG WIRG  S: FMGC2/ATHR1 ENG WIRG  S: FMGC2/C-M ARINC LINK  2283	34 AFS	1	22-CFDS
S: FMGC1/FMGC2 (FD CKT)  S: FMGC1/FMGC2 (FD CKT)  S: FMGC1/FMGC2 BUS A WG  S: FMGC1/PARITY PIN PRG  S: FMGC1/TAKE OV CKT  S: FMGC2  S: FMGC2  S: FMGC2  S: FMGC2  S: FMGC2 (ALPHA FLOOR)  S: FMGC2 (FM2)  S: FMGC2 (ORD COMP)  S: FMGC2 RTOK  S: FMGC2/AP ENGD FDBK  S: FMGC2/AP ENGD FDBK  S: FMGC2/AP1 ENGD WIRG  S: FMGC2/ATHR ENGD FDBK  S: FMGC2/ATHR1 ENG WIRG  S: FMGC2/ATHR1 ENG WIRG  S: FMGC2/C-M ARINC LINK  2283	34 AFS	1	22-CFDS
S: FMGC1/FMGC2 (FD CKT)       2283         S: FMGC1/FMGC2 BUS A WG       2283         S: FMGC1/PARITY PIN PRG       2283         S: FMGC2 (2283       2283         S: FMGC2 (2283       2283         S: FMGC2 (ALPHA FLOOR)       2283         S: FMGC2 (FM2)       2283         S: FMGC2 (ORD COMP)       2283         S: FMGC2 RTOK       2283         S: FMGC2/AP ENGD FDBK       2283         S: FMGC2/AP ENGD FDBK       2283         S: FMGC2/AP1 ENGD WIRG       2283         S: FMGC2/ATHR DISC CKT       2283         S: FMGC2/ATHR ENGD FDBK       2283         S: FMGC2/ATHR ENGD FDBK       2283         S: FMGC2/ATHR1 ENG WIRG       2283         S: FMGC2/ATHR1 ENG WIRG       2283         S: FMGC2/C-M ARINC LINK       2283	34 AFS	1	22-CFDS
## S: FMGC1/FMGC2 BUS A WG	34 AFS	1	22-EFIS
FS: FMGC1/PARITY PIN PRG  2283: FS: FMGC2 FS: FMGC2 FS: FMGC2 FS: FMGC2 (ALPHA FLOOR) FS: FMGC2 (ALPHA FLOOR) FS: FMGC2 (ORD COMP) FS: FMGC2 RTOK FS: FMGC2/AP ENGD FDBK FS: FMGC2/AP ENGD FDBK FS: FMGC2/AP1 ENGD WIRG FS: FMGC2/AP1 ENGD WIRG FS: FMGC2/ATHR DISC CKT FS: FMGC2/ATHR ENGD FDBK FS: FMGC2/ATHR1 ENG WIRG FS: FMGC2/ATHR1 ENG WIRG FS: FMGC2/ATHR1 ENG WIRG FS: FMGC2/C-M ARINC LINK  2283: FS: FMGC2/C-M ARINC LINK	34 AFS	1	22-CFDS
## FS: FMGC1/TAKE OV CKT  ## S: FMGC2  ## S: FMGC2  ## S: FMGC2  ## S: FMGC2 (ALPHA FLOOR)  ## S: FMGC2 (FM2)  ## S: FMGC2 (ORD COMP)  ## S: FMGC2 (ORD COMP)  ## S: FMGC2 RTOK  ## S: FMGC2/AP ENGD FDBK  ## S: FMGC2/AP ENGD FDBK  ## S: FMGC2/AP ENGD FDBK  ## S: FMGC2/AP1 ENGD WIRG  ## S: FMGC2/AP1 ENGD WIRG  ## S: FMGC2/ATHR DISC CKT  ## S: FMGC2/ATHR ENGD FDBK  ## S: FMGC2/ATHR1 ENG WIRG  ## S: FMGC2/ATHR1 ENG WIRG  ## S: FMGC2/ATHR1 ENG WIRG  ## S: FMGC2/C-M ARINC LINK  ## SES: FMGC2/C-M ARINC	34 AFS	1	22-CFDS
## SS: FMGC2	34 AFS	1	22-CFDS
## S: FMGC2 (ALPHA FLOOR)	34 AFS	1	22-CFDS
## S: FMGC2 (ALPHA FLOOR)  ## S: FMGC2 (FM2)  ## S: FMGC2 (FM2)  ## S: FMGC2 (ORD COMP)  ## S: FMGC2 RTOK  ## S: FMGC2/AP ENGD FDBK  ## S: FMGC2/AP ENGD FDBK  ## S: FMGC2/AP1 ENGD WIRG  ## S: FMGC2/AP1 ENGD FDBK  ## S: FMGC2/ATHR DISC CKT  ## S: FMGC2/ATHR ENGD FDBK  ## S: FMGC2/ATHR ENGD FDBK  ## S: FMGC2/ATHR1 ENG WIRG  ## S: FMGC2/C-M ARINC LINK  ## S: FMGC2/C-M A	34 AFS	1	22-ECAM
## S: FMGC2 (FM2)  ## S: FMGC2 (ORD COMP)  ## S: FMGC2 (ORD COMP)  ## S: FMGC2 RTOK  ## S: FMGC2/AP ENGD FDBK  ## S: FMGC2/AP ENGD FDBK  ## S: FMGC2/AP1 ENGD WIRG  ## S: FMGC2/AP1 ENGD WIRG  ## S: FMGC2/AP1 ENGD WIRG  ## S: FMGC2/AP1 ENGD FDBK  ## S: FMGC2/ATHR DISC CKT  ## S: FMGC2/ATHR ENGD FDBK  ## S: FMGC2/ATHR ENGD FDBK  ## S: FMGC2/ATHR1 ENG WIRG  ## S: FMGC2/C-M ARINC LINK  ## S: FMGC	34 AFS	1	22-ECAM
## S: FMGC2 (ORD COMP)  ## S: FMGC2 RTOK  ## S: FMGC2/AP ENGD FDBK  ## S: FMGC2/AP ENGD FDBK  ## S: FMGC2/AP1 ENGD WIRG  ## S: FMGC2/AP1 ENGD WIRG  ## S: FMGC2/AP1 ENGD WIRG  ## S: FMGC2/ATHR DISC CKT  ## S: FMGC2/ATHR ENGD FDBK  ## S: FMGC2/ATHR ENGD FDBK  ## S: FMGC2/ATHR ENGD FDBK  ## S: FMGC2/ATHR1 ENG WIRG  ## S: FMGC2/ATHR1 ENG WIRG  ## S: FMGC2/ATHR1 ENG WIRG  ## S: FMGC2/C-M ARINC LINK	34 AFS	1	22-ECAM
## S: FMGC2 RTOK	34 AFS	1	22-ECAM
S: FMGC2/AP ENGD FDBK 2283: S: FMGC2/AP ENGD FDBK 2283: S: FMGC2/AP1 ENGD WIRG 2283: S: FMGC2/AP1 ENGD WIRG 2283: S: FMGC2/ATHR DISC CKT 2283: S: FMGC2/ATHR ENGD FDBK 2283: S: FMGC2/ATHR ENGD FDBK 2283: S: FMGC2/ATHR1 ENG WIRG 2283: S: FMGC2/ATHR1 ENG WIRG 2283: S: FMGC2/ATHR1 ENG WIRG 2283: S: FMGC2/C-M ARINC LINK 2283:	34 AFS	1	22-CFDS
## S: FMGC2/AP ENGD FDBK 2283 ## S: FMGC2/AP1 ENGD WIRG 2283 ## S: FMGC2/AP1 ENGD WIRG 2283 ## S: FMGC2/ATHR DISC CKT 2283 ## FS: FMGC2/ATHR ENGD FDBK 2283 ## FS: FMGC2/ATHR ENGD FDBK 2283 ## FS: FMGC2/ATHR1 ENG WIRG 2283 ## FS: FMGC2/ATHR1 ENG WIRG 2283 ## FS: FMGC2/C-M ARINC LINK 2283	34 AFS	1	22-CFDS
FS: FMGC2/AP1 ENGD WIRG  FS: FMGC2/AP1 ENGD WIRG  FS: FMGC2/AP1 ENGD WIRG  FS: FMGC2/ATHR DISC CKT  FS: FMGC2/ATHR ENGD FDBK  FS: FMGC2/ATHR ENGD FDBK  FS: FMGC2/ATHR1 ENG WIRG  FS: FMGC2/ATHR1 ENG WIRG  FS: FMGC2/C-M ARINC LINK  2283	34 AFS	1	22-ECAM
S: FMGC2/AP1 ENGD WIRG 2283 S: FMGC2/ATHR DISC CKT 2283 S: FMGC2/ATHR ENGD FDBK 2283 S: FMGC2/ATHR ENGD FDBK 2283 S: FMGC2/ATHR1 ENG WIRG 2283 S: FMGC2/ATHR1 ENG WIRG 2283 S: FMGC2/C-M ARINC LINK 2283	34 AFS	1	22-CFDS
S: FMGC2/ATHR DISC CKT 2283 S: FMGC2/ATHR ENGD FDBK 2283 S: FMGC2/ATHR ENGD FDBK 2283 S: FMGC2/ATHR1 ENG WIRG 2283 S: FMGC2/ATHR1 ENG WIRG 2283 S: FMGC2/C-M ARINC LINK 2283	34 AFS	1	22-ECAM
S: FMGC2/ATHR ENGD FDBK 2283 S: FMGC2/ATHR ENGD FDBK 2283 S: FMGC2/ATHR1 ENG WIRG 2283 S: FMGC2/ATHR1 ENG WIRG 2283 S: FMGC2/C-M ARINC LINK 2283	34 AFS	1	22-CFDS
S: FMGC2/ATHR ENGD FDBK 2283 S: FMGC2/ATHR1 ENG WIRG 2283 S: FMGC2/ATHR1 ENG WIRG 2283 S: FMGC2/C-M ARINC LINK 2283	34 AFS	1	22-CFDS
FS: FMGC2/ATHR1 ENG WIRG 2283 FS: FMGC2/ATHR1 ENG WIRG 2283 FS: FMGC2/C-M ARINC LINK 2283	34 AFS	1	22-ECAM
FS: FMGC2/ATHR1 ENG WIRG 2283 FS: FMGC2/C-M ARINC LINK 2283	34 AFS	1	22-CFDS
S: FMGC2/C-M ARINC LINK 2283	34 AFS	1	22-ECAM
	34 AFS	1	22-ECAM
	34 AFS	1	22-CFDS
	34 AFS	1	22-ECAM
	34 AFS	1	27-ECAM
	34 AFS	1	22-CFDS
	34 AFS	1	22-CFDS

EFF: ALL

SROS

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

FDS	MESSAGES	ATA	SOURCE	CLASS	CH-PB101
	FMGC2/FAC2 (HLTY CKT)	228334		1	22-ECAM
\FS:	FMGC2/FAC2 (HLTY CKT)	228334		1	27-ECAM
FS:	FMGC2/FAC2 BUS WIRG	228334	AFS	1	22-CFDS
\FS:	FMGC2/FCU (AP2 SW)	228334	AFS	1	22-CFDS
\FS:	FMGC2/FCU (ATHR SW)	228334	AFS	1	22-CFDS
\FS:	FMGC2/FCU (FW DISC1)	228334	AFS	1	22-CFDS
FS:	FMGC2/FCU (FW DISC2)	228334	AFS	1	22-CFDS
FS:	FMGC2/FMGC1 (FD CKT)	228334	AFS	1	22-CFDS
FS:	FMGC2/FMGC1 (FD CKT)	228334	AFS	1	22-EFIS
FS:	FMGC2/FMGC1 BUS A WG	228334	AFS	1	22-CFDS
FS:	FMGC2/PARITY PIN PRG	228334	AFS	1	22-CFDS
FS:	FMGC2/TAKE OV CKT	228334	AFS	1	22-CFDS
	FQIC	284234		3	28-CFDS
	FWC1 AND FWC2	315334		3	31-CFDS
	HYD G 1151GN	293212		1	22-ECAM
	HYD G 1151GN	293212		1	27-ECAM
	HYD Y 3151GN	293212		1	22-ECAM
	HYD Y 3151GN	293212	_	1	27-ECAM
	HYD Y 3151GN	293212		1	29-ECAM
	HYD Y 3151GN	293212		1	29-0BSV
	ILS1	343631		1	22-ECAM
	ILS2	343631		1	22-ECAM
	LGCIU1	323171		1	32-CFDS
	LGCIU1-FAC1 CKT	323171		1	22-ECAM
	LGCIU1-FAC1 CKT	323171		1	22-ECAM 22-0BSV
	LGCIU1-FAC1 CKT	323171			32-ECAM
	LGCIU2			1	
		323171		1	32-CFDS
	LGCIU2-FAC2 CKT	323171		1	22-ECAM
	LGCIU2-FAC2 CKT	323171		1	22-0BSV
	LGCIU2-FAC2 CKT	323171		1	32-ECAM
	MCDU1	228212		1	22-CFDS
	MCDU1	228212		1	22-LOCAL
	MCDU1	228212		1	22-0BSV
	MCDU1 (FW DISC)/FMGC1	228212		1	22-CFDS
	MCDU1 (FW DISC)/FMGC1	228212		1	
	MCDU1 (FW DISC)/FMGC2	228212		1	22-CFDS
	MCDU1 (FW DISC)/FMGC2	228212		1	22-LOCAL
	MCDU2	228212		1	22-CFDS
	MCDU2	228212		1	22-LOCAL
	MCDU2	228212		1	22-0BSV
	MCDU2 (FW DISC)/FMGC1	228212		1	22-CFDS
FS:	MCDU2 (FW DISC)/FMGC1	228212	AFS	1	22-LOCAL
FS:	MCDU2 (FW DISC)/FMGC2	228212	AFS	1	22-CFDS
FS:	MCDU2 (FW DISC)/FMGC2	228212	AFS	1	22-LOCAL
FS:	MMR1	343631	AFS	1	22-ECAM
FS:	MMR2	343631	AFS	1	22-ECAM
	PRINTER	313522		1	31-CFDS
	R/A1	344233		2	27-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
AFS: R/A2	344233		2	27-ECAM
AFS: RA1		AFS	1	22-ECAM
AFS: RA2		AFS	1	22-ECAM
AFS: RUD TR RST 8CC		AFS	1	22-ECAM
AFS: SFCC1	275134	AFS	1	27-CFDS
AFS: SFCC1-FAC1 CKT	275134	AFS	1	27-CFDS
AFS: SFCC2	275134	AFS	1	27-CFDS
AFS: SFCC2-FAC2 CKT	275134	AFS	1	27-CFDS
AFS: VOR1		AFS		34-CFDS
AFS: VOR2		AFS		34-CFDS
AFS: 231 XPA BUS BAR		AFS		22-ECAM
AFS: 231 XPA BUS BAR	245000	AFS	1	27-ECAM
AFS: 28V PWR 11XU1	242255	AFS	1	22-ECAM
AFS: 431 XPA BUS BAR		AFS	1	22-ECAM
AFS: 431 XPA BUS BAR	245000			27-ECAM
AFT CAB DUCT OVHT SENSOR		TEMPCTL		21-CFDS
AFT CAB TEMP SEL		TEMPCTL		21-CFDS
		TEMPCTL		21-CFDS
AFT CARGO DOOR HANDLE PROX SNSR 34WV				21-ECAM
		LGCIU 1		52-ECAM
AFT CARGO DOOR HANDLE PROX SNSR 34WV TGT POS				21-ECAM
AFT CARGO DOOR HANDLE PROX SNSR 34WV TGT POS		LGCIU 1		52-ECAM
AFT CARGO DOOR HANDLE PROX SNSK 34WV TGT POS AFT CARGO DOOR SAFETY MECHANISM PROX SNSR 32WV				52-ECAM
AFT CARGO DOOK SAFETY MECHANISM PROX SNSK 32WV		LGCIU 2		52-ECAM
AFT CARGO DR LOCKSHAFT PROX SNSR 12MJ TGT POS				52-ECAM
AFT CARGO DR SAFETY MECH PROX SNSR 32WV TGT POS	523215	LGCIU I	1	52-ECAM
AFT CARGO FAN OR SPLY	212854	TEMPCTL	1	21-ECAM
AFT CARGO HEAT CONT		AFT CHC		21-ECAM
AFT CARGO HEAT CONT		AFT CHC		21-CFDS
AFT COMP TEMP SENSOR		AFT CHC		21-CFDS
AFT COMP TEMP SENSOR		AFT CHC		21-ECAM
AFT DUCT TEMP SENSOR		AFT CHC		21-CFDS
AFT DUCT TEMP SENSOR		AFT CHC		21-ECAM
AFT PRESSURE REG VALVE		AFT CHC		_
AFT TAPRV SHUT OFF RELAY		AFT CHC	2	21-ECAM
AFT TEMP SELECTOR		AFT CHC		21-CFDS
AFT TRIM AIR VALVE		AFT CHC	1	21-CFDS
AFT TRIM AIR VALVE		AFT CHC		21-CFD3
			1	
AIP(320RH01) <name></name>		CIDS 1	3 3	23-CFDS
AIP(320RH09) <name></name>		CIDS 1	3 3	23-CFDS
AIP(320RH11) <name></name>		CIDS 1		23-CFDS
AIR INTAKE FLAP ACTR	491651		1	49-ECAM
AIR INTAKE FLAP ACTR	491651		2	49-ECAM
AIR INTAKE FLAP ACTR (4015KM)	491651		1	49-ECAM
AIR INTAKE FLAP ACTR (4015KM)	491651		2	49-ECAM
AIR INTAKE FLAP ACTR (4015KM)	491651		3	49-CFDS
AIR INTAKE FLAP ACTUATOR	491651	APU	1	49-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
AIR INTAKE FLAP ACTUATOR	491651	APU APU	2	49-ECAM
AIR INTAKE FLAP ACTUATOR	491651	APU	3	49-CFDS
IR INTAKE FLAP ACTUATOR (4015KM)	491651	APU	1	49-ECAM
IR INTAKE FLAP ACTUATOR (4015KM)	491651	APU	2	49-ECAM
IR INTAKE FLAP ACTUATOR (4015KM)	491651	APU		49-CFDS
IR INTAKE NOT OPEN	ASD	APU CIDS 1 CIDS 2 TOILET	*	49-ECAM
LL DEU-B WI HANDSET	237300	CIDS 1	1	23-ECAM
LL DEU-B WI HANDSET	237300	CIDS 2	1	23-ECAM
LT PRESS SW	383169	TOILET	2	38-CFDS
LT, ECU, J10	111130	EIGILAD	ı	11-6172
LT, ECU, J10		EIU1FAD		77-ECAM
LT, ECU, J10		EIU2FAD		77-CFDS
LT, ECU, J10		EIU2FAD		77-ECAM
LT, ECU, J9		EIU1FAD		77-CFDS
LT, ECU, J9		EIU1FAD		77-ECAM
LT, ECU, J9		EIU2FAD		77-CFDS
LT, ECU, J9		EIU2FAD		77-ECAM
LT, J10, ECU		EIU1FAD		77-CFDS
LT, J10, ECU		EIU1FAD		77-ECAM
LT, J10, ECU		EIU2FAD		77-CFDS
LT, J10, ECU		EIU2FAD		77-ECAM
LT, J9, ECU		EIU1FAD		77-CFDS
LT, J9, ECU		EIU1FAD		77-ECAM
LT, J9, ECU		EIU2FAD		77-CFDS
LT, J9, ECU		EIU2FAD		77-ECAM
MU(1RN)	235134	AMU	1	23-CFDS
MU(1RN)/VOR1(3RS1)	235134	VOR 1	1	34-0BSV
NTENNA1(116RV1)	232811	SDU SDU SDU	1	23-CFDS
NTENNA1(116RV1)	232811	SDU	1	23-ECAM
NTENNA1(116RV1)/ SDU1(105RV1)	232811	SDU	1	23-CFDS
NTENNA1(116RV1)/ SDU1(105RV1)	232811 341119 341119 341119	SDU	1	23-ECAM
OA SENSOR (3FP1)/ ADIRU1 (1FP1)	341119	ADR 1	1	34-ECAM
OA SENSOR (3FP2)/ ADIRU2 (1FP2)	341119	ADR 2	2	34-ECAM
OA SENSOR (3FP3)/ ADIRU3 (1FP3)	341119	ADR 3	2	34-ECAM
OA SENSOR 3FP1	341119	PHC 1	1	30-ECAM
OA SENSOR 3FP2	341119	PHC 2	1	30-ECAM
OA SENSOR 3FP3	341119	PHC 3	1	30-ECAM
OA SENSOR1 (3FP1)	341119	ADR 1	1	27-ECAM
OA SENSOR1 (3FP1)	341119	ADR 1	1	34-ECAM
OA SENSOR1 (3FP1)	341119		3	34-CFDS
OA SENSOR1 (3FP1) SPLY	240000		1	27-ECAM
OA SENSOR1 (3FP1) SPLY	240000	ADR 1	1	34-ECAM
OA SENSOR1 (3FP1) SPLY	240000	ADR 1	3	24-CFDS
OA SENSOR1 (3FP1)/ ADIRU1 (1FP1)	341119	ADR 1	1	27-ECAM
OA SENSOR1 (3FP1)/ ADIRU1 (1FP1)	341119	ADR 1	1	34-ECAM
OA SENSOR1 (3FP1)/ ADIRU1 (1FP1)	341119	ADR 1	3	34-CFDS
OA SENSOR1 (3FP1)/ AOA SENSOR2 (3FP2)	341119	ADR 1	3	34-CFDS
OA SENSOR1 (3FP1)/ AOA SENSOR2 (3FP2)	341119		3	34-CFDS

EFF: ALL

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**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
OA SENSOR1 (3FP1)/ AOA SENSOR2 (3FP2) OA SENSOR1 (3FP1)/ AOA SENSOR3 (3FP3) OA SENSOR1 (3FP1)/ AOA SENSOR3 (3FP3) OA SENSOR1 (3FP1)/ AOA SENSOR3 (3FP3) OA SENSOR2 (3FP2)	341119	ADR 3	3	34-CFDS
DA SENSOR1 (3FP1)/ AOA SENSOR3 (3FP3)	341119	ADR 1	3	34-CFDS
DA SENSOR1 (3FP1)/ AOA SENSOR3 (3FP3)	341119	ADR 2	3	34-CFDS
DA SENSOR1 (3FP1)/ AOA SENSOR3 (3FP3)	341119	ADR 3	3	34-CFDS
UA SENSOR1 (3FP1)/ AUA SENSOR3 (3FP3)  OA SENSOR2 (3FP2)  OA SENSOR2 (3FP2)  OA SENSOR2 (3FP2) SPLY  OA SENSOR2 (3FP2) SPLY  OA SENSOR2 (3FP2) SPLY  OA SENSOR2 (3FP2)/ ADIRU2 (1FP2)  OA SENSOR2 (3FP2)/ AOA SENSOR3 (3FP3)  OA SENSOR2 (3FP2)/ AOA SENSOR3 (3FP3)  OA SENSOR3 (3FP3)	341119	ADR 2	1	27-ECAM
DA SENSOR2 (3FP2)	341119	ADR 2	1	34-ECAM
DA SENSOR2 (3FP2)	341119	ADR 2	3	34-CFDS
DA SENSOR2 (3FP2) SPLY	240000	ADR 2	1	27-ECAM
OA SENSOR2 (3FP2) SPLY	240000	ADR 2	1	34-ECAM
DA SENSOR2 (3FP2) SPLY	240000	ADR 2	3	24-CFDS
DA SENSOR2 (3FP2)/ ADIRU2 (1FP2)	341119	ADR 2	1	27-ECAM
DA SENSOR2 (3FP2)/ ADIRU2 (1FP2)	341119	ADR 2	1	34-ECAM
DA SENSOR2 (3FP2)/ ADIRU2 (1FP2)	341119	ADR 2	3	34-CFDS
DA SENSOR2 (3FP2)/ AOA SENSOR3 (3FP3)	341119	ADR 1	3	34-CFDS
DA SENSOR2 (3FP2)/ AOA SENSOR3 (3FP3)	341119	ADR 2	3	34-CFDS
DA SENSOR2 (3FP2)/ AOA SENSOR3 (3FP3)	341119	ADR 3	3	34-CFDS
DA SENSOR3 (3FP3)	341119	ADR 3	1	27-ECAM
DA SENSOR3 (3FP3)	341119	ADR 3	1	34-ECAM
DA SENSOR3 (3FP3)	341119	ADR 3	3	34-CFDS
DA SENSOR3 (3FP3) SPLY	240000	ADR 3	1	27-ECAM
DA SENSOR3 (3FP3) SPLY	240000	ADR 3	1	34-ECAM
OA SENSOR2 (3FP2)/ AOA SENSOR3 (3FP3) OA SENSOR3 (3FP3) OA SENSOR3 (3FP3) OA SENSOR3 (3FP3) OA SENSOR3 (3FP3) SPLY OA SENSOR3 (3FP3) SPLY OA SENSOR3 (3FP3) SPLY OA SENSOR3 (3FP3)/ ADIRU3 (1FP3) OA SNSR (3FP3)/ ADIRU3 (1FP3) OA SNSR1 (3FP1)/ ADIRU1 (1FP1) OA SNSR1 (3FP1)/ ADIRU1 (1FP1) OA SNSR1 (3FP1)/SNSR2 (3FP2)/SNSR3(3FP3) OA SNSR1(3FP1)/SNSR2 (3FP2)/SNSR3(3FP3) OA SNSR1(3FP1)/SNSR2 (3FP2)/SNSR3(3FP3) OA SNSR1 (3FP2)/ ADIRU2 (1FP2) OA SNSR2 (3FP2)/ ADIRU2 (1FP2) OA SNSR3 (3FP3)/ ADIRU3 (1FP3) OC RAOC/ATSU1(1TX1)	240000	ADR 3	3	24-CFDS
DA SENSOR3 (3FP3)/ ADIRU3 (1FP3)	341119	ADR 3	1	27-ECAM
OA SENSOR3 (3FP3)/ ADIRU3 (1FP3)	341119	ADR 3	1	34-ECAM
DA SENSOR3 (3FP3)/ ADIRU3 (1FP3)	341119	ADR 3	3	34-CFDS
OA SNSR (3FP3)/ ADIRU3 (1FP3)	341119	ADR 3	3	34-CFDS
OA SNSR1 (3FP1)/ ADIRU1 (1FP1)	341119	ADR 1	1	34-ECAM
OA SNSR1 (3FP1)/ ADIRU1 (1FP1)	341119	ADR 1	3	34-CFDS
OA SNSR1(3FP1)/SNSR2 (3FP2)/SNSR3(3FP3)	341119	ADR 1	3	34-CFDS
OA SNSR1(3FP1)/SNSR2 (3FP2)/SNSR3(3FP3)	341119	ADR 2	3	34-CFDS
OA SNSR1(3FP1)/SNSR2 (3FP2)/SNSR3(3FP3)	341119	ADR 3	3	34-CFDS
DA SNSR2 (3FP2)/ ADIRU2 (1FP2)	341119	ADR 2	2	34-ECAM
DA SNSR2 (3FP2)/ ADIRU2 (1FP2)	341119	ADR 2	3	34-CFDS
DA SNSR3 (3FP3)/ ADIRU3 (1FP3)	341119	ADR 3	2	34-ECAM
OC RAOC/ATSU1(1TX1)	462134	ACARSMU	1	
OC RAOC/ATSU1(1TX1)	462134	ACARSMU	1	46-0BSV
OC RAOC/ATSU1(1TX1)		ACARSMU	2	46-CFDS
OC RAOC/ATSU1(1TX1)		ACARSMU	3	46-CFDS
OC RAOC/ATSU1(1TX1)	462134		1	46-CFDS
OC RAOC/ATSU1(1TX1)	462134		1	46-0BSV
OC RAOC/ATSU1(1TX1)	462134		2	46-CFDS
OC RAOC/ATSU1(1TX1)	462134		3	46-CFDS
OC RAOC/ATSU1(1TX1)	462134		3	46-0BSV
PU CTL RLY (6KD)/ECB (59KD)/GAPCU (24XG)	496100		1	24-ECAM
PU FUEL VALVE FAILED OPEN	ASD	APU	*	49-ECAM
	362217		1	36-CFDS
PII I NNP				
PU LOOP PU LOOP INOP OR BMC IDENT CKT	362217		2	36-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA			
APU OIL HEATER P7 APU S/N ENCODER (8063KM) AREA CALL PNL <location> ATC CTL PNL (3SH) / ATC1(1SH1) ATC CTL PNL (3SH) / ATC2 (1SH2) ATC 1 NO DATA FROM DAPS/ADS-B SRC ATC 1:NO DATA FROM TCAS ATC 2:NO DATA FROM TCAS</location>	499651	APU	2	49-ECAM 49-CFDS 23-CFDS
APU S/N ENCODER (8063KM)	497351	APU	3	49-CFDS
AREA CALL PNL <location></location>	237311	CIDS 1	3	23-CFDS
ATC CTL PNL (3SH) / ATC1(1SH1)	345212	ATC 1	1	34-CFDS
ATC CTL PNL (3SH) / ATC2 (1SH2)	345212	ATC 2	1	34-CFDS
ATC 1 NO DATA FROM DAPS/ADS-B SRC	<b>34XXXX</b>	ATC 1	3	34-CFDS
ATC 1:NO DATA FROM TCAS	344334	ATC 1	3	34-CFDS
ATC 1:NO DATA FROM TCAS	344334	ATC 1	3	34-ECAM
ATC 1:NO DATA FROM TCAS	344334	ATC 1	3	34-EFIS
ATC 1:NO DATA FROM TCAS	344334	ATC 1	3	34-0BSV
ATC 2 NO DATA FROM DAPS/ADS-B SRC	344334 34XXXX 344334 344334 344334 345212 345212 345200 345200	ATC 2	3	34-CFDS
ATC 2:NO DATA FROM TCAS	344334	ATC 2	3	34-CFDS
ATC 2:NO DATA FROM TCAS	344334	ATC 2	3	34-ECAM
ATC 2:NO DATA FROM TCAS	344334	ATC 2	3	34-EFIS
ATC 2:NO DATA FROM TCAS	344334	ATC 2	3	34-0BSV
ATC-TCAS CTL PNL (3SH)/ TCAS (1SG)	345212	TCAS	1	
ATC-TCAS CTL PNL (3SH)/ TCAS(100SG)	345212	TCAS	1	34-CFDS
ATC-1:NO DATA FROM TCAS	345200	ATC 1	3	34-CFDS
ATC-1:NO DATA FROM TCAS	345200	ATC 1	3	34-ECAM
ATC-1:NO DATA FROM TCAS	345200	ATC 1	3	34-EFIS
ATC-1:NO DATA FROM TCAS	345200	ATC 1	3	34-0BSV
ATC-2:NO DATA FROM TCAS	345200	ATC 2 ATC 2 ATC 2 ATC 2	3	34-CFDS
ATC-2:NO DATA FROM TCAS	345200	ATC 2	3	34-ECAM
ATC-2:NO DATA FROM TCAS	345200	ATC 2	3	34-EFIS
ATC-2:NO DATA FROM TCAS	345200	ATC 2	3	34-0BSV
ATC1 (1SH1)	345233	ATC 1	1	34-CFDS
ATC1 (1SH1)/TCAS (1SG)	345233	TCAS	1	34-CFDS
ATC1 (1SH1)/TCAS (1SG)	345233	TCAS	3	34-CFDS
ATC1 (1SH1)/TCAS (100SG)	345233	TCAS	1	34-CFDS
ATC 2:NO DATA FROM TCAS ATC 2:NO DATA FROM TCAS ATC 2:NO DATA FROM TCAS ATC-TCAS CTL PNL (3SH)/ TCAS (1SG) ATC-TCAS CTL PNL (3SH)/ TCAS (100SG) ATC-1:NO DATA FROM TCAS ATC-1:NO DATA FROM TCAS ATC-1:NO DATA FROM TCAS ATC-1:NO DATA FROM TCAS ATC-2:NO DATA FROM TCAS ATC1 (1SH1) ATC1 (1SH1)/TCAS (1SG) ATC1 (1SH1)/TCAS (1SG) ATC1 (1SH1)/TCAS (100SG) ATC1 : ANTENNA B ATC1 : ANTENNA T ATC1 : NO DATA FROM ADIRU ATC1 : NO DATA FROM CFDIU ATC1 : NO DATA FROM CFDIU	345233	ATC 1 TCAS TCAS TCAS TCAS ATC 1	3	34-CFDS
ATC1 : ANTENNA B	345211	ATC 1	2	34-CFDS
ATC1 : ANTENNA T	345211	ATC 1	2	34-CFDS
ATC1 : NO DATA FROM ADIRU	341234	ATC 1	1	27-ECAM 34-CFDS
ATC1 : NO DATA FROM ADIRU	341234	ATC 1		
ATC1 : NO DATA FROM ADIRU	341234	ATC 1	1	34-ECAM
ATC1 : NO DATA FROM CFDIU	313234	ATC 1	2	31-CFDS
ATC1 : NO DATA FROM CFDIU			2	31-ECAM
ATC1: NO DATA FROM CONTROL SOURCE	345212		2	34-CFDS
ATC1 : TRANSPONDER	345233		2	34-CFDS
ATC1 BOT ANTENNA (7SH1)	345211		1	34-CFDS
ATC1 TOP ANTENNA (7SH3)	345211		1	34-CFDS
ATC2 (1SH2)	345233		1	34-CFDS
ATC2 (1SH2)/TCAS (1SG)	345233		1	34-CFDS
ATC2 (1SH2)/TCAS (1SG)	345233			34-CFDS
ATC2 (1SH2)/TCAS (100SG)	345233		1	34-CFDS
ATC2 (1SH2)/TCAS (100SG)	345233			34-CFDS
ATC2 : ANTENNA B	345211		2	34-CFDS
ATC2 : ANTENNA T	345211	ATC 2	2	34-CFDS

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
ATC2 : NO DATA FROM ADIRU		ATC 2	1	27-ECAM
ATC2 : NO DATA FROM ADIRU	341234	ATC 2	1	34-CFDS
ATC2 : NO DATA FROM ADIRU	341234	ATC 2	1	34-ECAM
ATC2 : NO DATA FROM CFDIU	313234	ATC 2	2	31-CFDS
ATC2 : NO DATA FROM CFDIU	313234	ATC 2	2	31-ECAM
TC2 : NO DATA FROM CONTROL SOURCE		ATC 2	2	34-CFDS
TC2 : TRANSPONDER		ATC 2		34-CFDS
TC2 BOT ANTENNA (7SH2)		ATC 2	1	34-CFDS
TC2 TOP ANTENNA (7SH4)		ATC 2	1	34-CFDS
TSU(1TX1)/MDDU(1TD)	462134			46-CFDS
TSU1(1TX1)		ACARSMU		23-ECAM
TSU1(1TX1)		ACARSMU		46-CFDS
TSU1(1TX1)		ACARSMU		46-CFDS
TSU1(1TX1)		ACARSMU	3	46-CFDS
TSU1(1TX1)	462134	ATSU	1	23-ECAM
TSU1(1TX1)	462134	ATSU ATSU	1	46-CFDS
TSU1(1TX1)	462134	ATSU	1	46-ECAM
TSU1(1TX1)	462134	ATSU	2	46-CFDS
TSU1(1TX1)	462134	ATSU	3	46-CFDS
TSU1(1TX1)/ SDU1(105RV1)	462134	SDU	3	46-CFDS
TTD IND PNL MID R		CIDS 1		23-CFDS
ITND IND PNL AFT L		CIDS 1		23-CFDS
ITND IND PNL AFT R		CIDS 1		23-CFDS
TTND IND PNL EXIT R		CIDS 1	3	23-CFDS
TTND IND PNL FWD L		CIDS 1		23-CFDS
TTND IND PNL MID L	237322	CIDS 1		23-CFDS
TTND PNL AFT L	237313	CIDS 1	3	23-CFDS
1 QTY PROBE 65QT1	284224		3	28-CFDS
1 QTY PROBE 65QT1/WRG	284224	FUEL	3	28-CFDS
1 QTY PROBE 66QT1	284224	FUEL	3	28-CFDS
1 QTY PROBE 66QT1/WRG	284224		3	28-CFDS
HYD PRESS SW1	279218	EFCS 1	2	27-ECAM
HYD PRESS SW1	279218	EFCS 2	2	27-ECAM
HYD PRESS SW1	293200	EFCS 1	2	27-ECAM
HYD PRESS SW1	293200	EFCS 2	2	27-ECAM
HYD PRESS SW2		EFCS 1		27-ECAM
HYD PRESS SW2		EFCS 2		27-ECAM
HYD PRESS SW2		EFCS 1		27-ECAM
HYD PRESS SW2		EFCS 2		27-ECAM
HYD PRESS XMTR 2065GN		EFCS 1		27-ECAM
HYD PRESS XMTR 2065GN		EFCS 2	2	27-ECAM
ACKUP OVERSPEED	ASD	APU	*	49-ECAM
ACKUP OVERSPEED CIRCUIT FAILURE	ASD	APU	*	49-ECAM
ATTERY 1	243851		1	24-ECAM
ATTERY 2		BCL 2	1	24-ECAM
CL1	243834		1	24-ECAM
CL1		BCL 1	3	24-CFDS
CL1 : LGCIU/ADIRU1 SIGNAL DISAGREE	243800	BCL 1	3	24-CFDS

EFF: ALL

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**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES				CH-PB101
BCL1: LGCIU/ADIRU1 SIGNAL DISAGREE BCL1: LGCIU/ADIRU1 SIGNAL DISAGREE BCL2 BCL2 BCL2: LGCIU/ADIRU1 SIGNAL DISAGREE BCL2: LGCIU/ADIRU1 SIGNAL DISAGREE BCL2: LGCIU/ADIRU1 SIGNAL DISAGREE BCL2: LGCIU/ADIRU1 SIGNAL DISAGREE BCV P33 AND BLEED CHECK VALVE 7260HM BLD FLOW XDCR (8039KM) BLD FLOW XDCR (8039KM) BLD FLOW XDCR (8039KM) / BLD CTL VLV (8051KM) BLD FLOW XDCR (8039KM) / BLD CTL VLV (8051KM) BLD SNSR, J15, ECU ENG1A BLD SNSR, J15, ECU ENG1B	243800	BCL 1	3	32-CFDS
BCL1 : LGCIU/ADIRU1 SIGNAL DISAGREE	243800	BCL 1	3	34-CFDS
BCL2	243834	BCL 2	1	24-ECAM
BCL2	243834	BCL 2	3	24-CFDS
BCL2 : LGCIU/ADIRU1 SIGNAL DISAGREE	243800	BCL 2	3	24-CFDS
BCL2 : LGCIU/ADIRU1 SIGNAL DISAGREE	243800	BCL 2	3	32-CFDS
BCL2 : LGCIU/ADIRU1 SIGNAL DISAGREE	243800	BCL 2	3	34-CFDS
BCV P33 AND BLEED CHECK VALVE 7260HM	495119	APU	1	49-ECAM
BLD FLOW XDCR (8039KM)	495112	APU	1	49-CFDS
BLD FLOW XDCR (8039KM)	495112	APU	1	49-ECAM
BLD FLOW XDCR (8039KM) / BLD CTL VLV (8051KM)	495112	APU	1	49-CFDS
BLD FLOW XDCR (8039KM) / BLD CTL VLV (8051KM)	495112	APU	1	49-ECAM
BLD SNSR, J15, ECU ENG1A	753180	EIU1FAD	3	75-CFDS
BLD SNSR, J15, ECU ENG1B	753180	EIU1FAD	3	75-CFDS
BLD SNSR, J15, ECU ENG2A	757400	ETHOLAN	7	ZE CENC
BLD SNSR, J15, ECU ENG1A BLD SNSR, J15, ECU ENG1B BLD SNSR, J15, ECU ENG2A BLD SNSR, J15, ECU ENG2B BLEED CTL VLV (8051KM) BLEED CTL VLV (8051KM) BLEED CTL VLV (8051KM) / FUEL CTL UNIT (8022KM)	753180	EIU2FAD	3	75-CFDS
BLEED CTL VLV (8051KM)	495153	APU	1	49-CFDS
BLEED CTL VLV (8051KM)	495153	APII	1	49-FCAM
BLEED CTL VLV (8051KM) / FUEL CTL UNIT	490000	APII	1	49-CEDS
(8022KM)	170000	, <b>C</b>	•	12 0.20
BLEED CTL VLV P33	495153	ΔΡΙΙ	1	49-CFDS 49-ECAM 49-CFDS 49-ECAM
BLEED CTL VLV P33	495153	APII	1	49-FCAM
BLEED FLOW XDCR P24	495119	ΔΡΙΙ	1	49-CFDS
BLEED FLOW XDCR P24	495119	ΔΡΙΙ	1	49-FCAM
BLEED FLOW XDCR P24 OR IN TMP/PRSS SNSR P22	495119	ΔΡΙΙ	1	49-CFDS
BLOWER FAN 20HQ	212651	AFVC	1	49-CFDS 21-ECAM 36-ECAM 36-LOCAL
BMC1	361134	RMC 1	1	36-FCAM
BMC1	361134	RMC 1	1	36-LOCAL
BMC1				36-ECAM
BMC1	361134	BMC 1		36-CFDS
BMC1 (1HA1) / DMU (1TV)				36-CFDS
BMC1 (1HA1) / FDIMU (10TV)	361134 361134	DMII		36-CFDS
BMC1 OR APU BLEED DISCRETE	361134	DMU BMC 1 BMC 1	3	36-CFDS
BMC1 OR APU FAULT IND 5HV	361134	RMC 1	2	36-ECAM
BMC1 OR APU FAULT IND 5HV		BMC 1	2	36-LOCAL
BMC1 OR APU FAULT IND 5HV	361134		3	36-CFDS
BMC1 OR APU FAULT IND 7HV	361134		1	36-CFDS
BMC1 OR APU FAULT IND 7HV	361134		1	36-LOCAL
BMC1 OR BLEED FAULT IND 4HA1	361134		1	36-CFDS
BMC1 OR BLEED FAULT IND 4HA1	361134		1	36-LOCAL
BMC1 OR SOLENOID 10HA1 CKT	361134		1	36-CFDS
BMC1 OR SOLENOID 10HA1 CKT	361134		1	36-ECAM
BMC1 OR SOLENOID 10HA1 CKT	361134		2	36-ECAM
BMC1 OR SOLENOID 10HA1	361134		1	36-ECAM
BMC1 OR SOLENOID 11HA1	361134		2	
BMC1 OR SOLENOID 11HA1	361134		3	36-ECAM
BMC1 OR SOLENOID THAT			3	36-CFDS
BMC1 OR WAI DISCRETE BMC1 OR XFEED-V DISCRETE	361134 361134		3 3	36-CFDS
DILLI OK VLEEN-A NTOCKETE	301134	DMC I	3	36-CFDS

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA S	OURCE	CLASS	CH-PB101
BMC2	361134 B	BMC 2	1	36-ECAM
BMC2	361134 B	BMC 2	1	36-LOCAL
BMC2	361134 B	BMC 2	2	36-LOCAL
BMC2	361134 B	BMC 2	3	36-CFDS
BMC2 (1HA2) / DMU (1TV)	361134 D		3	36-CFDS
BMC2 (1HA2) / FDIMU (10TV)	361134 D			36-CFDS
BMC2 OR APU BLEED DISCRETE	361134 B		3	36-CFDS
BMC2 OR APU FAULT IND 5HV	361134 B	MC 2		36-ECAM
BMC2 OR APU FAULT IND 5HV	361134 B			36-LOCAL
BMC2 OR APU FAULT IND 5HV	361134 B			36-CFDS
BMC2 OR APU FAULT IND 7HV	361134 B	MC 2	1	
BMC2 OR APU FAULT IND 7HV	361134 B			
BMC2 OR BLEED FAULT IND 4HA2	361134 B	RMC 2	1	36-CEDS
BMC2 OR BLEED FAULT IND 4HA2	361134 B	RMC 2	1	36-L 0CAL
BMC2 OR SOLENOID 10HA2 CKT	361134 B	RMC 2	1	36-CEDS
BMC2 OR SOLENOID 10HA2 CKT	361134 B			
BMC2 OR SOLENOID 10HA2 CKT	361134 B			
BMC2 OR SOLENOID 11HA2	361134 B			
BMC2 OR SOLENOID 11HA2	361134 B	MC 2	2	36-ECAM
BMC2 OR SOLENOID 11HA2	361134 B	MC 2		36-CFDS
BMC2 OR WAI DISCRETE	361134 B			36-CFDS
DMC2 OD VEEEN_V NISCOETE	361134 B			36-CFDS
DOADN SID/DOI1 CIDCUIT	331410 B	orio Z	3	33-CFDS
BOARD 5LP/BCL1 CIRCUIT BOARD 5LP/BCL2 CIRCUIT BRAKE PEDAL XMTR 9GG BRAKE PEDAL XMTR 9GG BRAKE SELECTOR VALVE (23GG) BRAKE SELECTOR VALVE (23GG) BRAKE SELECTOR VALVE (23GG)	331400 B	10L 1	7	33-CFDS
BDAKE BENAL VMTB OCC	324247 B			
BRAKE FEMAL AMIR AND	324247 B			
DRAKE FEVAL AMIK 700	324211 B			
DRAKE SELECTOR VALVE (23CC)	324211 B			
BRAKE SELECTOR VALVE (23GG) BRAKE SELECTOR VALVE 23GG OR BSCU				32-ECAM
BRAKE SELECTOR VALVE 23GG OR BSCU	324211 B			
BRAKE TEMP SENSOR 4GW OR MONIT UNIT 2GW	324715 B			
BRAKE TEMP SENSOR 4GW OR MONIT UNIT 2GW BRAKE TEMP SENSOR 4GW OR MONIT UNIT 2GW	324715 B			
BRAKE TEMP SENSOR 5GW OR MONIT UNIT 2GW BRAKE TEMP SENSOR 5GW OR MONIT UNIT 3GW	324715 B			
BRAKE TEMP SENSOR 5GW OR MONIT UNIT 3GW	324715 B	10001	1	32 FCAM
BRAKE TEMP SENSOR 6GW OR MONIT UNIT 2GW	324715 B 324715 B			
BRAKE TEMP SENSOR 6GW OR MONIT UNIT 2GW BRAKE TEMP SENSOR 7GW OR MONIT UNIT 3GW			1	
BRAKE TEMP SENSOR 7GW OR MONIT UNIT 3GW BRAKE TEMP SENSOR 7GW OR MONIT UNIT 3GW	324715 B			32-ECAM
	324715 B			32-ECAM
BRK ALTH SERVOVALVE 40GG	324327 B			32-CFDS
BRK ALTN SERVOVALVE 40GG	324327 B			32-CFDS
BRK ALTN SERVOVALVE 41GG	324327 B			32-CFDS
BRK ALTN SERVOVALVE 41GG	324327 B			32-CFDS
BRK ALTN SERVOVALVE 42GG	324327 B			32-CFDS
BRK ALTN SERVOVALVE 42GG	324327 B			32-CFDS
BRK ALTN SERVOVALVE 43GG	324327 B			32-CFDS
BRK ALTN SERVOVALVE 43GG	324327 B			32-CFDS
BRK ALTN SERVOVLV (40GG)	324327 B			32-ECAM
BRK ALTN SERVOVLV (40GG)	324327 B	ISCU 2	1	32-ECAM

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#### TROUBLE SHOOTING MANUAL

FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
RK ALTN SERVOVLV (41GG)		BSCU 1		32-ECAM
RK ALTN SERVOVLV (41GG)		BSCU 2		32-ECAM
RK ALTN SERVOVLV (42GG)		BSCU 1		32-ECAM
RK ALTN SERVOVLV (42GG)		BSCU 2		32-ECAM
RK ALTN SERVOVLV (43GG)		BSCU 1		32-ECAM
RK ALTN SERVOVLV (43GG)		BSCU 2		32-ECAM
RK NORM SERVOVALVE 15GG		BSCU 1		32-ECAM
RK NORM SERVOVALVE 15GG		BSCU 1		32-CFDS
RK NORM SERVOVALVE 15GG		BSCU 2		32-ECAM
RK NORM SERVOVALVE 15GG		BSCU 2		32-CFDS
RK NORM SERVOVALVE 16GG		BSCU 1	1	32-ECAM
RK NORM SERVOVALVE 16GG		BSCU 1		32-CFDS
RK NORM SERVOVALVE 16GG		BSCU 2		32-ECAM
RK NORM SERVOVALVE 16GG			3	32-CFDS
RK NORM SERVOVALVE 17GG		BSCU 1		32-ECAM
RK NORM SERVOVALVE 17GG		BSCU 1		32-CFDS
RK NORM SERVOVALVE 17GG		BSCU 2		32-ECAM
RK NORM SERVOVALVE 17GG		BSCU 2		32-CFDS
RK NORM SERVOVALVE 18GG		BSCU 1		32-ECAM
RK NORM SERVOVALVE 18GG		BSCU 1		32-CFDS
RK NORM SERVOVALVE 18GG		BSCU 2		32-ECAM
RK NORM SERVOVALVE 18GG			3	32-CFDS
RK NORM SERVOVLV1(15GG)		BSCU 1		32-ECAM
RK NORM SERVOVLV1(15GG)		BSCU 2		32-ECAM
RK NORM SERVOVLV1(15GG)		BSCU 2		32-CFDS
RK NORM SERVOVLV2(17GG)		BSCU 1	1	32-ECAM
RK NORM SERVOVLV2(17GG)		BSCU 1		32-CFDS
RK NORM SERVOVLV2(17GG)		BSCU 2		32-ECAM
RK NORM SERVOVLV2(17GG)			3	32-CFDS
RK NORM SERVOVLV3(16GG)		BSCU 1		32-ECAM
RK NORM SERVOVLV3(16GG)		BSCU 1		32-CFDS
RK NORM SERVOVLV3(16GG)		BSCU 2		32-ECAM
RK NORM SERVOVLV3(16GG)		BSCU 2		32-CFDS
RK NORM SERVOVLV4(18GG)			1	32-ECAM
RK NORM SERVOVLV4(18GG)		BSCU 1	3	32-CFDS
RK NORM SERVOVLV4(18GG)		BSCU 2	1	32-ECAM
RK NORM SERVOVLV4(18GG)		BSCU 2	3	32-CFDS
RK PEDAL XMTR(9GG)		BSCU 1	1	32-ECAM
RK PEDAL XMTR(9GG)		BSCU 2	1	32-ECAM
RK PEDAL XMTR(9GG)/ BSCU(10GG)		BSCU 1	1	32-ECAM
RK PEDAL XMTR(9GG)/ BSCU(10GG)		BSCU 2	1	32-ECAM
RK PRESS TRANSDUCER 11GG		BSCU 1	3	32-CFDS
RK PRESS TRANSDUCER 11GG		BSCU 2	3	32-CFDS
RK PRESS TRANSDUCER 12GG		BSCU 1	3	32-CFDS
RK PRESS TRANSDUCER 12GG		BSCU 2	3	32-CFDS
RK PRESS TRANSDUCER 13GG		BSCU 1	3	32-CFDS
RK PRESS TRANSDUCER 13GG		BSCU 2	3	32-CFDS
RK PRESS TRANSDUCER 14GG	324221	BSCU 1	3	32-CFDS

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#### TROUBLE SHOOTING MANUAL

FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
BRK PRESS TRANSDUCER 14GG		BSCU 2		32-CFDS
RK PRESS XDCR1(11GG)		BSCU 1	3	32-CFDS
RK PRESS XDCR1(11GG)		BSCU 2	3	32-CFDS
RK PRESS XDCR2(13GG)		BSCU 1	3	32-CFDS
RK PRESS XDCR2(13GG)		BSCU 2	3	32-CFDS
RK PRESS XDCR3(12GG)		BSCU 1	3	32-CFDS
RK PRESS XDCR3(12GG)		BSCU 2	3	32-CFDS
RK PRESS XDCR4(14GG)		BSCU 1	3	32-CFDS
RK PRESS XDCR4(14GG)		BSCU 2	3	32-CFDS
RK SELECTOR VALVE(23GG)		BSCU 1	1	32-ECAM
RK SELECTOR VALVE(23GG)		BSCU 2	1	32-ECAM
RK SELECTOR VALVE(23GG) / BSCU(10GG)	324211		1	32-ECAM
RK SELECTOR VALVE(23GG) / BSCU(10GG)	324211	BSCU 2	1	32-ECAM
RK SELECTOR VALVE(23GG) / LG HYDRAULIC PIPE	324211	BSCU 1	1	32-ECAM
RK SELECTOR VALVE(23GG) / LG HYDRAULIC PIPE	324211	BSCU 2	1	32-ECAM
RK TEMP SENSOR1(5GW)/ BTMU(3GW)		BSCU 1	1	32-ECAM
RK TEMP SENSOR1(5GW)/ BTMU(3GW)	324715	BSCU 2	1	32-ECAM
RK TEMP SENSOR2(7GW)/ BTMU(3GW)	324715	BSCU 1	1	32-ECAM
RK TEMP SENSOR2(7GW)/ BTMU(3GW)	324715	BSCU 2	1	32-ECAM
RK TEMP SENSOR3(4GW)/ BTMU(2GW)	324715	BSCU 1	1	32-ECAM
RK TEMP SENSOR3(4GW)/ BTMU(2GW)	324715	BSCU 2	1	32-ECAM
RK TEMP SENSOR4(6GW)/ BTMU(2GW)	324715	BSCU 1	1	32-ECAM
RK TEMP SENSOR4(6GW)/ BTMU(2GW)	324715	BSCU 2	1	32-ECAM
SCU	324234	BSCU 1	1	32-ECAM
SCU	324234	BSCU 1	3	32-CFDS
SCU	324234	BSCU 2	1	32-ECAM
SCU	324234	BSCU 2	3	32-CFDS
SCU	324234	BSCU 2	3	32-ECAM
SCU (10GG)	324234	BSCU 1	1	32-ECAM
SCU (10GG)	324234	BSCU 1	3	32-CFDS
SCU (10GG)	324234	BSCU 2	1	32-ECAM
SCU (10GG)	324234	BSCU 2	3	32-CFDS
SCU (10GG)	324234	BSCU 2		32-ECAM
SCU (10GG)/STEERING HANDWHEELS(1GC/2GC)SPLY	324234	BSCU 1	1	32-ECAM
SCU (10GG)/STEERING HANDWHEELS(1GC/2GC)SPLY		BSCU 2	1	32-ECAM
SCU : NO DATA FROM CFDIU		BSCU 1	3	31-CFDS
SCU : NO DATA FROM CFDIU	313234	BSCU 2	3	31-CFDS
SCU : NO DATA FROM ELAC1		BSCU 1	3	27-CFDS
SCU : NO DATA FROM ELAC1		BSCU 2	3	27-CFDS
SCU : NO DATA FROM ELAC1 & 2		BSCU 1	1	27-CFDS
SCU : NO DATA FROM ELAC1 & 2		BSCU 2	1	27-CFDS
SCU : NO DATA FROM ELAC2		BSCU 1	3	27-CFDS
SCU : NO DATA FROM ELAC2		BSCU 2	3	27-CFDS
SCU : NO DATA FROM IRS1		BSCU 1	3	34-CFDS
SCU : NO DATA FROM IRS1		BSCU 2	3	34-CFDS
SCU : NO DATA FROM IRS3		BSCU 1	3	34-CFDS
SCU : NO DATA FROM IRS3		BSCU 2	3	34-CFDS
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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES			CH-PB101
BSCU OR PEDAL XMTR  BSCU OR STEERING FEEDBACK SENSOR  BSCU OR STEERING FEEDBACK SENSOR  BSCU OR TACHOMETER 19GG  BSCU OR TACHOMETER 19GG  BSCU OR TACHOMETER 20GG  BSCU OR TACHOMETER 20GG  BSCU (10GG) AC SPLY 1XP  BSCU(10GG) AC SPLY 2XP  BSCU(10GG) DC SPLY 1PP  BSCU(10GG) DC SPLY 2PP  BSCU(10GG)/STEERING FDBKSENSORS(3GC/4GC)	324234 BSCU 2	2 1	32-ECAM
BSCU OR STEERING FEEDBACK SENSOR	324234 BSCU	1 1	32-ECAM
BSCU OR STEERING FEEDBACK SENSOR	324234 BSCU 2	2 1	32-ECAM
BSCU OR TACHOMETER 19GG	324234 BSCU	1 1	32-ECAM
BSCU OR TACHOMETER 19GG	324234 BSCU 2	2 1	32-ECAM
BSCU OR TACHOMETER 20GG	324234 BSCU	1 1	32-ECAM
BSCU OR TACHOMETER 20GG	324234 BSCU 2	2 1	32-ECAM
BSCU(10GG) AC SPLY 1XP	240000 BSCU	1 1	32-ECAM
BSCU(10GG) AC SPLY 2XP	240000 BSCU 2	2 1	32-ECAM
BSCU(10GG) DC SPLY 1PP	240000 BSCU	1 1	32-ECAM
BSCU(10GG) DC SPLY 2PP BSCU(10GG)/STEERING FDBKSENSORS(3GC/4GC) BSCU(10GG)/STEERING FDKSENSORS(3GC/4GC) BSCU(10GG)/STEERING HANDWHEELS(16C/2GC)	240000 BSCU 2	2 1	32-ECAM
BSCU(10GG)/STEERING FDBKSENSORS(3GC/4GC)	324234 BSCU 2	2 1	32-ECAM
BSCU(10GG)/STEERING FDKSENSORS(3GC/4GC)	324234 BSCU	1 1	32-ECAM
BSCU(10GG)/STEERING HANDWHEELS(1GC/2GC)	324234 BSCU	1 1	32-ECAM
BSCU(10GG)/STEERING HANDWHEELS(1GC/2GC)	324234 BSCU 2	2 1	32-ECAM
BSCU-A/C PIN-PROGRAMMING DISAGREE	324234 BSCU	1 1	32-ECAM
BSCU-A/C PIN-PROGRAMMING DISAGREE	324234 BSCU 2	2 1	32-ECAM
BSCU: ADIRU 1,2,3	341234 BSCU	1 1	32-ECAM
BSCU: ADIRU 1,2,3	341234 BSCU 2	2 1	
BSCU: INCORRECT PIN-PROGRAMMING	324234 BSCU	1 1	
BSCU: INCORRECT PIN-PROGRAMMING	324234 BSCU 2	2 1	
BSCU:LEFT BRK LOSS	324234 BSCU	1 1	
BSCU:LEFT BRK LOSS	324234 BSCU 2	2 1	
BSCU:NO DATA FROM ADIRU1	341234 BSCU	1 3	34-CFDS
BSCU:NO DATA FROM ADIRU1	341234 BSCU 2	2 3	34-CFDS
BSCU:NO DATA FROM ADIRU2	341234 BSCU	1 3	34-CFDS
BSCU:NO DATA FROM ADIRU2	341234 BSCU 2	2 3	34-CFDS
BSCU:NO DATA FROM ADIRU3	341234 BSCU	1 3	34-CFDS
BSCU:NO DATA FROM ADIRU3	341234 BSCU 2	2 3	34-CFDS
BSCU:RIGHT BRK LOSS	324234 BSCU	1 1	32-ECAM
BSCU:RIGHT BRK LOSS	324234 BSCU 2	2 1	32-ECAM
BSCU:TOTAL BRK LOSS 1	324234 BSCU	1 3	32-CFDS
BSCU:TOTAL BRK LOSS 1	324234 BSCU 2	2 3	
BSCU:TOTAL BRK LOSS 2	324234 BSCU	1 1	32-ECAM
BSCU(10GG)/STEERING HANDWHEELS(1GC/2GC) BSCU(10GG)/STEERING HANDWHEELS(1GC/2GC) BSCU-A/C PIN-PROGRAMMING DISAGREE BSCU-A/C PIN-PROGRAMMING DISAGREE BSCU: ADIRU 1,2,3 BSCU: ADIRU 1,2,3 BSCU: INCORRECT PIN-PROGRAMMING BSCU: INCORRECT PIN-PROGRAMMING BSCU:LEFT BRK LOSS BSCU:LEFT BRK LOSS BSCU:LEFT BRK LOSS BSCU:NO DATA FROM ADIRU1 BSCU:NO DATA FROM ADIRU1 BSCU:NO DATA FROM ADIRU2 BSCU:NO DATA FROM ADIRU3 BSCU:NO DATA FROM ADIRU3 BSCU:RIGHT BRK LOSS BSCU:RIGHT BRK LOSS BSCU:RIGHT BRK LOSS BSCU:TOTAL BRK LOSS 1 BSCU:TOTAL BRK LOSS 2 BSCU:TOTAL BRK LOSS 2	324234 BSCU 2	2 1	
BSCU:TOTAL BRK LOSS 3	324234 BSCU	1 3	32-CFDS
BSCU:TOTAL BRK LOSS 3	324234 BSCU 2		32-CFDS
BSCU1 (10GG) / DMU (1TV)	324234 DMU	3	32-CFDS
BSCU1 (10GG) / FDIMU (10TV)	324234 DMU		32-CFDS
BSCU2 (10GG) / DMU (1TV)	324234 DMU	3	32-CFDS
BSCU2 (10GG) / FDIMU (10TV)	324234 DMU	3	32-CFDS
BSV (VLV CLSD), HMU ENG1A	731170 EIU1F		73-CFDS
BSV (VLV CLSD), HMU ENG1A	731170 EIU1F/		77-ECAM
BSV (VLV CLSD), HMU ENG1B	731170 EIU1F/		73-CFDS
BSV (VLV CLSD), HMU ENG1B	731170 EIU1F		77-ECAM
BSV (VLV CLSD), HMU ENG2A	731170 EIU2F/		73-CFDS
BSV (VLV CLSD), HMU ENG2A	731170 E102F/		77-ECAM
BSV (VLV CLSD), HMU ENG2B	731170 E102F/		73-CFDS
DOV (VEV CLOV), MMU ENGED	ISTITU ETUZFI	ו עו	12-6173

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**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

ATA	SOURCE	CLASS	CH-PB101
			77-ECAM
			73-CFDS
			77-ECAM
			73-CFDS
			77-ECAM
			73-CFDS
			77-ECAM
			73-CFDS
			77-ECAM
			73-CFDS
			77-ECAM
			73-CFDS
			77-ECAM
			73-CFDS
			77-ECAM
			73-CFDS
			77-ECAM
			73-CFDS
		1	77-ECAM 73-CFDS
			77-ECAM 73-CFDS
			77-ECAM
			73-CFDS
			77-ECAM
			73-CFDS
			77-ECAM
			73-CFDS
			77-ECAM
			73-CFDS
			77-ECAM
			73-CFDS
	EIU2FAD		77-ECAM
			II LUMII
	731170 731170	731170 EIU2FAD 731170 EIU1FAD 731170 EIU2FAD 731170 EIU2FAD 731170 EIU1FAD 731170 EIU1FAD 731170 EIU2FAD 731170 EIU2FAD 731170 EIU1FAD	731170 EIU2FAD 1 731170 EIU1FAD 2 731170 EIU1FAD 2 731170 EIU2FAD 2 731170 EIU2FAD 1 731170 EIU1FAD 1 731170 EIU1FAD 1 731170 EIU2FAD 1 731170 EIU2FAD 1 731170 EIU2FAD 1 731170 EIU1FAD 2 731170 EIU1FAD 2 731170 EIU1FAD 2 731170 EIU1FAD 2 731170 EIU2FAD 1 731170 EIU2FAD 1 731170 EIU2FAD 2 731170 EIU2FAD 2 731170 EIU2FAD 2 731170 EIU1FAD 2 731170 EIU1FAD 2 731170 EIU1FAD 3 731170 EIU1FAD 1 731170 EIU1FAD 1 731170 EIU1FAD 2 731170 EIU1FAD 2 731170 EIU1FAD 1 731170 EIU1FAD 2 731170 EIU1FAD 2 731170 EIU1FAD 2 731170 EIU1FAD 3 731170 EIU1FAD 1 731170 EIU1FAD 2 731170 EIU1FAD 2 731170 EIU1FAD 3 731170 EIU1FAD 3 731170 EIU2FAD 3 731170 EIU2FAD 1 731170 EIU2FAD 3 731170 EIU2FAD 1 731170 EIU2FAD 3 731170 EIU2FAD 3 731170 EIU2FAD 3 731170 EIU2FAD 3 731170 EIU1FAD 1 731170 EIU1FAD 2 731170 EIU1FAD 1

EFF: ALL

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**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
BSV, J12, J14(WRONG) ENG2B		EIU2FAD		77-ECAM
SOVAFFE:AREAS SRAA A		CIDS 1		33-CFDS
BU <appl.area> SRXX X/DEU A (200RHYY)</appl.area>		CIDS 1		33-CFDS
BUS M-S L		CIDS 1		23-CFDS
BUS M-S L		CIDS 2		23-CFDS
BUS M-S R		CIDS 1		23-CFDS
BUS M-S R	233354	CIDS 2		23-CFDS
BUS S T L	233600	CIDS 1	3	23-CFDS
BUS S T L	233600	CIDS 2	3	23-CFDS
BUS S T R	233600	CIDS 1	3	23-CFDS
BUS S T R	233600	CIDS 2	3	23-CFDS
BUS S-M L	233354	CIDS 1		23-CFDS
BUS S-M L	233354	CIDS 2		23-CFDS
BUS S-M R		CIDS 1		23-CFDS
BUS S-M R		CIDS 2		23-CFDS
BUS T S L		CIDS 1		23-CFDS
BUS T S L		CIDS 2		23-CFDS
BUS T S R		CIDS 1		23-CFDS
BUS T S R		CIDS 2		23-CFDS
BUS XXYYL		CIDS 1		23-CFDS
BUS XXYYL		CIDS 2		23-CFDS
SUS XXYYR		CIDS 2		23-CFDS
BUS XXYYR		CIDS 1		23-CFDS
CADENSICON 20QT		FUEL 2		
				28-CFDS
C HI DUMMY SENSOR 6QJ	204012	FUEL	3	28-CFDS
C QTY PROBE 35QT	204213	FUEL	3	28-CFDS
C QTY PROBE 35QT/WRG	204213	FUEL	3	28-CFDS
C QTY PROBE 36QT	284215	FUEL	3	28-CFDS
QTY PROBE 36QT/WRG	284215	FUEL	3	28-CFDS
C QTY PROBE 37QT	284215	FUEL	3	28-CFDS
QTY PROBE 37QT/WRG	284215	FUEL	3	28-CFDS
C QTY PROBE 38QT		FUEL		28-CFDS
C QTY PROBE 38QT/WRG		FUEL		28-CFDS
C QTY PROBE 39QT	284215		3	28-CFDS
C QTY PROBE 51QT	284215			28-CFDS
CQTY PROBE 51QT/WRG	284215		3	28-CFDS
ULTRACOMP 50QT/WRG	284247		3	28-CFDS
CAM	237319	CIDS 1	1	23-CFDS
CAM	237319	CIDS 1	1	23-LOCAL
CAM (115RH)	237319	CIDS 1	1	23-CFDS
CAM (115RH)	237319	CIDS 1	1	23-LOCAL
CAM (115RH)/ FAP <name> (120RH)</name>	237319	CIDS 1	1	23-CFDS
CAM (115RH)/ FAP <name> (120RH)</name>	237319	CIDS 1	1	23-LOCAL
CAM (115RH)/ FAP <name> (120RH)</name>	237319	CIDS 2	2	23-CFDS
CAM(115RH) / SMK DET MISMATCH	237319	SDCU	2	23-CFDS
CAPT PITCH CTL SSTU 4CE3		EFCS 1	1	27-ECAM
CAPT PITCH CTL SSTU 4CE3		EFCS 2	1	27-ECAM
CAPT ROLL CTL SSTU 4CE1		EFCS 1	1	27-ECAM

EFF: ALL

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**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
CAPT ROLL CTL SSTU 4CE1 CAPT STEERING HANDWHEEL OR BSCU CAPT STEERING HANDWHEEL OR BSCU	279212	EFCS 2	1	27-ECAM
CAPT STEERING HANDWHEEL	324234	BSCU 1	3	32-CFDS
CAPT STEERING HANDWHEEL	324234	BSCU 2	3	32-CFDS
CAPT STEERING HANDWHEEL CAPT STEERING HANDWHEEL CAPT STEERING HANDWHEEL OR BSCU CAPT STEERING HANDWHEEL OR BSCU CAPT STEERING HDWHL(1GC) / BSCU(10GG) CAPT STEERING HDWL(1GC) / BSCU(10GG) CAPT STEERING HDWL(1GC) / BSCU(10GG) CAPT STEERING HDWL(1GC) / BSCU(10GG) CAPT TERR ON ND PB SW (30WZ1)/GPWC (1WZ) CAPT TERR ON ND PB SW (30WZ1)/GPWC(100SG) CAPT/FO GPWS GS PB SW (4WZ/5WZ)/GPWC(100SG) CAPT/FO PULL UP PB SW (4/5WZ)/GPWC(100SG) CEPTIU	325111	BSCU 1	1	32-ECAM
CAPT STEERING HANDWHEEL	325111	BSCU 2	1	32-ECAM
CAPT STEERING HANDWHEEL OR BSCU	325111	BSCU 1	3	32-CFDS
CAPT STEERING HANDWHEEL OR BSCU	325111	BSCU 2	3	32-CFDS
CAPT STEERING HDWHL(1GC) /BSCU(10GG)	325111	BSCU 1	1	32-ECAM
CAPT STEERING HDWL(1GC)/ BSCU(10GG)	325111	BSCU 1	3	32-CFDS
CAPT STEERING HDWL(1GC)/ BSCU(10GG)	325111	BSCU 2	1	32-ECAM
CAPT STEERING HDWL(1GC)/ BSCU(10GG) CAPT TERR ON ND PB SW (30WZ1)/GPWC (1WZ) CAPT TERR ON ND PB SW (30WZ1)/GPWC(100SG) CAPT/FO GPWS GS PB SW (4WZ/5WZ)/GPWC (1WZ) CAPT/FO GPWS GS PB SW (4WZ1/2)/GPWC(100SG) CAPT/FO PULL UP PB SW (4/5WZ)/GPWC(100SG) CFDIU CFDIU (1TW) / ATC1 (1SH1) CFDIU (1TW) / ATC2 (1SH2) CFDIU (1TW) / ATC2 (1SH2) CFDIU (1TW) / DMU (1TV) CFDIU (1TW) / FDIMU (1OTV) CFDIU (1TW)/ ACARS MU (1RB) CFDIU (1TW)/ ADIRU1 (1FP1) CFDIU (1TW)/ ADIRU2 (1FP2) CFDIU (1TW)/ ADIRU3 (1FP3)	325111	BSCU 2	3	32-CFDS
CAPT TERR ON ND PB SW (30WZ1)/GPWC (1WZ)	344808	GPWC	1	34-ECAM
CAPT TERR ON ND PB SW (30WZ1)/GPWC(100SG)	344808	GPWC	1	34-ECAM
CAPT/FO GPWS GS PB SW (4WZ/5WZ)/GPWC (1WZ)	344808	GPWC	1	34-ECAM
CAPT/FO GPWS GS PB SW (4WZ1/2)/GPWC(100SG)	344808	GPWC	1	34-ECAM
APT/FO PULL UP PB SW (4/5WZ)/GPWC(100SG)	344808	GPWC	1	34-ECAM
FDIU	313234	CFDS	2	31-ECAM
FDIU (1TW)	313234	ADR 1 ADR 2 ADR 3 IR 1	3	31-CFDS
FDIU (1TW)	313234	ADR 2	3	31-CFDS
FDIU (1TW)	313234	ADR 3	3	31-CFDS
FDIU (1TW)	313234	IR 1	3	31-CFDS
FDIU (1TW)	313234	IR 2 IR 3 ATC 1	3	31-CFDS
FDIU (1TW)	313234	IR 3	3	31-CFDS
FDIU (1TW) / ATC1 (1SH1)	313234	ATC 1	3	31-CFDS
FDIU (1TW) / ATC1 (1SH1)	313234	<b>A</b> I I . I		31-ECAM
FDIU (1TW) / ATC2 (1SH2)	313234	ATC 2	3	31-CFDS
FDIU (1TW) / ATC2 (1SH2)	313234	ATC 2	3	31-ECAM
FDIU (1TW) / DMU (1TV)	313234	DMU	3	31-CFDS
FDIU (1TW) / FDIMU (10TV)	313234			31-CFDS
FDIU (1TW)/ ACARS MU (1RB)	313234	ACARSMU		31-CFDS
FDIU (1TW)/ ADIRU1 (1FP1)	313234	ADR 1	3	31-CFDS
FDIU (1TW)/ ADIRU2 (1FP2)	313234	ADR 2	3	31-CFDS
1710 (1111), 11711100 (1110)	313234	ADR 2 ADR 3 CIDS 1	3	31-CFDS
FDIU (1TW)/ DIR1 (101RH)				23-CFDS
FDIU (1TW)/ GPSSU1 (1SN1)		GPS 1		
FDIU (1TW)/ GPSSU2 (1SN2)	313234		3	31-CFDS
FDIU (1TW)/ADF1 (2RP1)	313234		3	31-CFDS
FDIU (1TW)/ADF2 (2RP2)	313234		3	31-CFDS
FDIU (1TW)/ADIRU1 (1FP1)	313234		3	31-CFDS
FDIU (1TW)/ADIRU2 (1FP2)	313234		3	31-CFDS
FDIU (1TW)/ADIRU3 (1FP3)	313234		3	31-CFDS
FDIU (1TW)/GAPCU (24XG)		AC GEN	3	31-CFDS
FDIU (1TW)/HF1 (3RE1)	313234		2	31-CFDS
FDIU (1TW)/HF1 (3RE1)	313234		2	31-ECAM
FDIU (1TW)/HF1 (3RE1)	313234		3	31-CFDS
FDIU (1TW)/HF1 (3RE1)	313234		3	31-ECAM
CFDIU (1TW)/TCAS (1SG)	313234		3	31-CFDS
FDIU (1TW)/TCAS (100SG)	313234	TCAS	1	31-CFDS

EFF: ALL

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**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
		VHF 1	3	31-CFDS
CFDIU (1TW)/VHF1 (1RC1)		VHF 1	3	31-ECAM
CFDIU (1TW)/VHF2 (1RC2)	313234	VHF 2	3	31-CFDS
CFDIU (1TW)/VHF2 (1RC2)	313234	VHF 2	3	31-ECAM
CFDIU (1TW)/VHF3 (1RC3)	313234	VHF 3	3	31-CFDS
CFDIU (1TW)/VHF3 (1RC3)	313234	VHF 3	3	77-ECAM
CFDIU (1TW)/WXR1 (1SQ1)	313234	RADAR 1		31-CFDS
CFDIU (1TW)/WXR1 (1SQ1)		RADAR 1		31-ECAM
CFDIU (1TW)/WXR2 (1SQ2)		RADAR 2		31-CFDS
CFDIU BACKUP	313234		2	31-ECAM
CFDIU BITE MEMORY	313234		3	31-CFDS
CFDIU(1TW)/AMU(1RN)	313234		1	31-CFDS
CFDIU(1TW)/AMU(1RN)	313234		1	77-ECAM
CFDIU(1TW)/ATSU1(1TX1)		ACARSMU		31-CFDS
CFDIU(1TW)/ATSU1(1TX1)	313234		3	31-CFDS
CFDIU(1TW)/BSCU(10GG)		BSCU 1		31-CFDS
CFDIU(1TW)/BSCU(10GG)		BSCU 2		31-CFDS
		DME 1	3	31-CFDS
FDIU(1TW)/DME1(2SD1)				
FDIU(1TW)/DME2(2SD2)		DME 2	3	31-CFDS
FDIU(1TW)/GPWC(100SG)	313234		3	31-CFDS
FDIU(1TW)/ILS1(2RT1)		ILS 1	3	31-CFDS
FDIU(1TW)/ILS1(2RT1)		ILS 1	3	31-ECAM
FDIU(1TW)/ILS2(2RT2)		ILS 2	3	31-CFDS
FDIU(1TW)/ILS2(2RT2)		ILS 2	3	31-ECAM
FDIU(1TW)/MDDU(1TD)	313234		3	31-CFDS
FDIU(1TW)/MMR1(4ORT1)		MMR 1	3	31-CFDS
FDIU(1TW)/MMR2(40RT2)		MMR 2	3	31-CFDS
FDIU(1TW)/RMP1(1RG1)		RMP 123	3	31-CFDS
FDIU(1TW)/RMP1(1RG1)	313234	RMP 123	3	31-ECAM
FDIU(1TW)/SDU1(105RV1)	313234		3	31-CFDS
FDIU(1TW)/VOR1(3RS1)	313234	VOR 1	3	31-CFDS
FDIU(1TW)/VOR2(3RS2)	313234	VOR 2	3	31-CFDS
FDIU/VSC NO DATA	313234	TOILET	3	31-CFDS
FDIU, EIU (DATE), J3 ENG1A	313234	EIU1FAD	3	31-CFDS
FDIU, EIU (DATE), J3 ENG1B	313234	EIU1FAD	3	31-CFDS
FDIU, EIU (DATE), J3 ENG2A		EIU2FAD		31-CFDS
FDIU, EIU (DATE), J3 ENG2B		EIU2FAD		31-CFDS
FDIU, EIU (DATE), J3* ENG1A		EIU1FAD		31-CFDS
FDIU, EIU (DATE), J3* ENG1B		EIU1FAD		31-CFDS
FDIU, EIU (DATE), J3* ENG2A		EIU2FAD		31-CFDS
FDIU, EIU (DATE), J3* ENG2B		EIU2FAD		31-CFDS
FDIU, EIU (FLGT), J3 ENG1A		EIU1FAD		31-CFDS
FDIU, EIU (FLGT), J3 ENGTA		EIU1FAD		31-CFDS
		EIU2FAD		31-CFDS
FDIU, EIU (FLGT), J3 ENG2A				31-CFDS
CFDIU, EIU (FLGT), J3 ENG2B		EIU2FAD		
CFDIU, EIU (FLGT), J3* ENG1A		EIU1FAD		31-CFDS
CFDIU, EIU (FLGT), J3* ENG1B CFDIU, EIU (FLGT), J3* ENG2A		EIU1FAD EIU2FAD		31-CFDS 31-CFDS

EFF: ALL

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**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
CFDIU, EIU (FLGT), J3* ENG2B	313234	EIU2FAD	s	31-CFDS
CFDIU, EIU (GMT), J3 ENG1A	313234	EIU1FAD		31-CFDS
CFDIU, EIU (GMT), J3 ENG1B	313234	EIU1FAD		31-CFDS
CFDIU, EIU (GMT), J3 ENG2A	313234	EIU2FAD	3	31-CFDS
CFDIU, EIU (GMT), J3 ENG2B	313234	EIU2FAD	3	31-CFDS
CFDIU, EIU (GMT), J3* ENG1A	313234	EIU1FAD	S	31-CFDS
CFDIU, EIU (GMT), J3* ENG1B	313234	EIU1FAD	S	31-CFDS
CFDIU, EIU (GMT), J3* ENG2A	313234	EIU2FAD	S	31-CFDS
CFDIU, EIU (GMT), J3* ENG2B	313234	EIU2FAD	S	31-CFDS
CFDIU, EIU (155), J3 ENG1A		EIU1FAD		31-CFDS
CFDIU, EIU (155), J3 ENG1B		EIU1FAD		31-CFDS
CFDIU, EIU (155), J3 ENG2A		EIU2FAD		31-CFDS
CFDIU, EIU (155), J3 ENG2B		EIU2FAD		31-CFDS
CFDIU, EIU (155), J3* ENG1A		EIU1FAD		31-CFDS
CFDIU, EIU (155), J3* ENG1B		EIU1FAD		31-CFDS
CFDIU, EIU (155), J3* ENG2A		EIU2FAD		31-CFDS
CFDIU, EIU (155), J3* ENG2B		EIU2FAD		31-CFDS
CFDIU, EIU (227), J3		EIU1FAD		31-CFDS
CFDIU, EIU (227), J3		EIU2FAD		31-CFDS
CFDIU, EIU (227), J3 ENG1A		EIU1FAD		31-CFDS
CFDIU, EIU (227), J3 ENG1B		EIU1FAD		31-CFDS
CFDIU, EIU (227), J3 ENG16		EIU2FAD		31-CFDS
		EIU2FAD		31-CFDS
CFDIU, EIU (227), J3 ENG2B		EIU2FAD		
CFDIU, EIU (227), J3*				31-CFDS
CFDIU, EIU (227), J3*		EIU2FAD		31-CFDS
CFDIU, EIU (227), J3* ENG1A		EIU1FAD		31-CFDS
CFDIU, EIU (227), J3* ENG1B		EIU1FAD		31-CFDS
CFDIU, EIU (227), J3* ENG2A		EIU2FAD		31-CFDS
CFDIU, EIU (227), J3* ENG2B	313234	EIU2FAD	S	31-CFDS
CFDIU1 (1TW)/GPWC (1WZ)	313234 341200 341200 341200 341200	GPWC	3	31-CFDS
CHECK ADIRU1 AOA PHC1 INTERFACE	341200	PHC 1	3	34-CFDS
CHECK ADIRU1 L STATIC PHC1 INTERFACE	341200	PHC 1	3	34-CFDS
CHECK ADIRU1 PITOT PHC1 INTERFACE	341200	PHC 1	3	34-CFDS
CHECK ADIRU1 R STATIC PHC1 INTERFACE	341200	PHC 1	3	34-CFDS
CHECK ADIRU1 TAT PHC1 INTERFACE		PHC 1		
CHECK ADIRU2 AOA PHC2 INTERFACE	341200		3	34-CFDS
CHECK ADIRU2 L STATIC PHC2 INTERFACE	341200		3	34-CFDS
CHECK ADIRU2 PITOT PHC2 INTERFACE	341200		3	34-CFDS
CHECK ADIRU2 R STATIC PHC2 INTERFACE	341200		3	34-CFDS
CHECK ADIRU2 TAT PHC2 INTERFACE	341200	PHC 2	3	34-CFDS
CHECK ADIRU3 AOA PHC3 INTERFACE	341200		3	34-CFDS
CHECK ADIRU3 L STATIC PHC3 INTERFACE	341200	PHC 3	3	34-CFDS
CHECK ADIRU3 PITOT PHC3 INTERFACE	341200	PHC 3	3	34-CFDS
CHECK ADIRU3 R STATIC PHC3 INTERFACE	341200	PHC 3	3	34-CFDS
CHECK ADIRU3 TAT PHC1 INTERFACE	341200	PHC 3	3	34-CFDS
CHECK AEVC SUPPLY	212600	AEVC	1	21-ECAM
CHECK AOA PHC1 SUPPLY	303100	PHC 1	1	30-ECAM
CHECK AOA PHC2 SUPPLY	303100	PHC 2	1	30-ECAM

EFF: ALL

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES  CHECK AOA PHC3 SUPPLY CHECK APU FIRE LOOP A CHECK APU FIRE LOOP B CHECK APU FUEL SUPPLY CHECK APU FUEL SUPPLY CHECK APU INLET CHECK BMC1 CHECK BMC1 CHECK BMC2 CHECK BMC2 CHECK BMC2 CHECK BMC2 CHECK BMC2 CHECK BMC2 CHECK BSCU AC1XP CIRCUIT CHECK BSCU AC2XP CIRCUIT CHECK BSCU DC1PP CIRCUIT CHECK BSCU DC2PP CIRCUIT CHECK BSCU DC2PP CIRCUIT CHECK BTC1 PIN D,E,F,R, P,N SHORT TO GROUND CHECK BTC2 PIN D,E,F,R, P,N SHORT TO GROUND CHECK CFDIU/FDU ENG1 INTFC CHECK CFDIU/FDU ENG1 INTFC CHECK CONTACTOR 3PE/BCL2 CIRCUIT CHECK CONTACTOR 3PE/BCL1 CIRCUIT CHECK CONTACTOR 6PB1/ BCL1 CIRCUIT CHECK CONTACTOR 6PB2/ BCL2 CIRCUIT CHECK CSU LEVER MECHANIC CHECK CSU LEVER MECHANIC CHECK CSU LEVER MECHANIC CHECK CSU LEVER MECHANIC CHECK CT 42XS GCU APU PIN B11A TO B11D WIRING CHECK CT42XII 42XII GCII1 PIN B11A TO B11D	ATA	SOURCE	CLASS	CH-PB101
CHECK AOA PHC3 SUPPLY	303100	PHC 3	1	30-ECAM
CHECK APU FIRE LOOP A	261315	FDU APU	1	26-ECAM
CHECK APU FIRE LOOP B	261315	FDU APU	1	26-ECAM
CHECK APU FUEL SUPPLY	490000	APU	1	49-CFDS
CHECK APU FUEL SUPPLY	490000	APU	1	49-ECAM
CHECK APU INLET	491600	APU	1	49-ECAM
CHECK BMC1	361100	BMC 1	2	36-ECAM
CHECK BMC1	361100	BMC 1	3	36-CFDS
CHECK BMC1 (1HA1)	361100	BMC 1	3	36-CFDS
CHECK BMC2	361100	BMC 2	2	36-ECAM
CHECK BMC2	361100	BMC 2	3	36-CFDS
CHECK BMC2 (1HA2)	361100	BMC 2	3	36-CFDS
CHECK BSCU AC1XP CIRCUIT	242000	BSCU 1	1	32-ECAM
CHECK BSCU AC2XP CIRCUIT	242000	BSCU 2	1	32-ECAM
CHECK BSCU DC1PP CIRCUIT	243000	BSCU 1	1	32-ECAM
CHECK BSCU DC2PP CIRCUIT	243000	BSCU 2	1	32-ECAM
CHECK BIC1 PIN D.E.E.R. P.N SHORT TO GROUND	242200	AC GEN	1	24-FCAM
CHECK BTC2 PIN D.E.E.R. P.N SHORT TO GROUND	242200	AC GEN	1	24-FCAM
CHECK CEDIII/ EDII APII INTEC	261300	FDII APII	3	26-CEDS
CHECK CEDIII/EDII ENG1 INTEC	313234	FDII 1	3	31-CFDS
CHECK CIDIO/IDO ENGI INTIC	313234	FDU 7	3	31-CFDS
CHECK CIDIO/IDO ENGE INTIC	2/3/55	RCI 2	3	24-CEDS
CHECK CONTACTOR SPE/ BOLZ CIRCUIT	2/3/55	BCL Z	3	24-CFDS
CHECK CONTACTOR SPE/DEET CIRCUIT	2/3855	BCL 1	1	24-ECAM
CHECK CONTACTOR OPDI/ BCL1 CIRCUIT	243033	BCL 2	1	24-ECAM
CHECK CONTACTOR OFDE/ BCLZ CIRCUIT	243033	SECC 1	1	27-CENS
CHECK COO LEVER MECHANIC	2751/3	SECC 1	1	27-CFD3
CHECK CON LEVER MECHANIC	2751/3	SECC 3	1	27-CENS
CHECK CON LEVER MECHANIC	2751/3	SECC 2	1	27-CFV3
CHECK COU LEVER MECHANIC	2/2700	SFCC 2	1	24-ECAM
CHECK CT 42XS GCU APU PIN B11A TO B11D WIRING	242300	AC CEN	1	24-ECAM
CHECK CT42XU1 42XU3 GCU1 PIN B11A TO B11D WIRING	242200	AC GEN	'	24-ECAM
CHECK CT42XU2 42XU4 GCU2 PIN B11A TO B11D	242200	AC GEN	1	24-ECAM
WIRING		7.0 GZ.11	•	2. 20/
CHECK DC BAT BUS 3PP/ BCL2 CIRCUIT	243800	BCL 2	1	24-ECAM
CHECK DC BAT BUS 3PP/BCL1 CIRCUIT	243800		1	24-ECAM
CHECK ECB (59KD)/EIU 2 CIRCUIT OR EIU2		EIU2FAD	1	73-CFDS
CHECK ECB (59KD)/EIU1 CIRCUIT OR EIU1		EIU1FAD	1	73-CFDS
CHECK ECU1 A1 AND B1 BUS OR EIU1		EIU1FAD	1	73-CFDS
CHECK ECU1 A1 AND B1 BUS OR EIU1		EIU1FAD	1	77-ECAM
CHECK ECU2 A1 AND B1 BUS OR EIU2		EIU2FAD	1	73-CFDS
CHECK ECU2 A1 AND B1 BUS OR EIU2		EIU2FAD	1	77-ECAM
CHECK EIU-AEVC INTFC	732500		3	73-CFDS
CHECK EIU-PHC1 INTERFACE	732500		3	73-CFDS
CHECK EIU-PHC2 INTERFACE	732500		3	73-CFDS
CHECK EIU-PHC3 INTERFACE	732500		3	73-CFDS
CHECK EIU-WHC1 INTERFACE	732500		3	73-CFDS
CHECK EIU-WHC2 INTERFACE	732500		3	73-CFDS
OHEOK ETO WHOL INTENTACE	1 32 300	WIIC Z	,	13 0103

EFF: ALL

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA SOURCE CLASS CH-PB101
CHECK EIU1 ARINC OUTPUT CIRCUIT TO FADEC OR	732534 EIU1FAD 1 73-CFDS
EIU1 CHECK EIU1 ARINC OUTPUT CIRCUIT TO FADEC OR	732534 EIU1FAD 1 77-ECAM
EIU1	
CHECK EIU1 ARINC OUTPUT CIRCUIT TO 199VC OR EIU1	732534 EIU1FAD 1 73-CFDS
CHECK EIU1 ARINC OUTPUT CIRCUIT TO 199VC OR	732534 EIU1FAD 1 77-ECAM
EIU1 CHECK EIU2 ARINC OUTPUT CIRCUIT TO FADEC OR	732534 EIU2FAD 1 73-CFDS
EIU2	
CHECK EIU2 ARINC OUTPUT CIRCUIT TO FADEC OR EIU2	732534 EIU2FAD 1 77-ECAM
CHECK EIU2 ARINC OUTPUT CIRCUIT TO 198VC OR	732534 EIU2FAD 1 73-CFDS
EIU2	77057/ FTU0545 4 77 FC4M
CHECK EIU2 ARINC OUTPUT CIRCUIT TO 198VC OR EIU2	
CHECK ENG1 FIRE LOOP A CHECK ENG1 FIRE LOOP A+ LOOP B CHECK ENG1 FIRE LOOP B CHECK ENG2 FIRE LOOP A CHECK ENG2 FIRE LOOP A+ LOOP B CHECK ENG2 FIRE LOOP B CHECK ENG2 FIRE LOOP B CHECK EP PHASE SEQ CHECK FDU APU FIRE A WARN CKT CHECK FDU APU FIRE B WARN CKT	261215 FDU 1 1 26-ECAM
CHECK ENG1 FIRE LOOP A+ LOOP B	261215 FDU 1 1 26-ECAM
CHECK ENG1 FIRE LOOP B	261215 FDU 1 1 26-ECAM
CHECK ENG2 FIRE LOOP A	261215 FDU 2 1 26-ECAM
CHECK ENG2 FIRE LOOP A+ LOOP B	261215 FDU 2 1 26-ECAM
CHECK ENG2 FIRE LOOP B	261215 FDU 2 1 26-ECAM
CHECK EP PHASE SEQ	244100 AC GEN 1 24-LOCAL
CHECK EDIL APIL ETRE A WARN CKT	261300 FDU APU 1 26-ECAM
CHECK FOU APU FIRE B WARN CKT	261300 FDU APU 1 26-ECAM
CHECK FDU APU FIRE TEST PB SW/FDU APU	261300 FDU APU 1 26-ECAM
CHECK FDU APU LGCIU INTFC	261300 FDU APU 3 26-CFDS
CHECK FOULAPILLOOP A WARN CKT	261300 FDU APU 1 26-ECAM
CHECK FOIL APILLOOP A WARN CKT	261300 FDU APU 3 26-CFDS
CHECK FOIL APILLOOP B WARN CKT	261300 FDU APU 1 26-ECAM
CHECK FOIL APILLOOP B WARN CKT	261300 FDU APU 3 26-CFDS
CHECK FDU APU LGCIU INTFC CHECK FDU APU LOOP A WARN CKT CHECK FDU APU LOOP A WARN CKT CHECK FDU APU LOOP B WARN CKT CHECK FDU APU LOOP B WARN CKT CHECK FDU APU SUPPLY CHECK FDU ENG1 CHAN B SUPPLY CHECK FDU ENG1 FIRE A WARN CKT CHECK FDU ENG1 FIRE B WARN CKT	261300 FDU APU 1 26-CFDS
CHECK FOIL ENG1 CHAN B SUPPLY	261200 FDU 1 1 26-ECAM
CHECK FOU FNG1 FIRE A WARN CKT	261200 FDU 1 1 26-CFDS
CHECK FDU ENG1 FIRE B WARN CKT	261200 FDU 1 1 26-CFDS
CHECK FDU ENG1 FIRE TEST PB SW/FDU ENG1	261200 FDU 1 1 26-0BSV
CHECK FDU ENG1 LGCIU INTFC	261200 FDU 1 3 26-CFDS
CHECK FDU ENG1 LOOP A WARN CKT	261200 FDU 1 1 26-CFDS
CHECK FDU ENG1 LOOP B WARN CKT	261200 FDU 1 1 26-CFDS
CHECK FDU ENG1 PIN PROG	261200 FDU 1 3 26-CFDS
CHECK FDU ENG1 SUPPLY	261200 FDU 1
CHECK FDU ENG2 CHAN B SUPPLY	261200 FDU 2 1 26-ECAM
CHECK FDU ENG2 FIRE A WARN CKT	261200 FDU 2 1 26-CFDS
CHECK FDU ENG2 FIRE B WARN CKT	261200 FDU 2 1 26-CFDS
CHECK FDU ENG2 FIRE TEST PB SW/FDU ENG2	261200 FDU 2 1 26-0BSV
CHECK FDU ENG2 FIRE TEST FB SW/FDU ENG2 CHECK FDU ENG2 LGCIU INTFC	261200 FDU 2 7 20-0B3V 261200 FDU 2 3 26-CFDS
CHECK FDU ENG2 LOOP A WARN CKT	261200 FDU 2 3 26-CFDS 261200 FDU 2 1 26-CFDS
CHECK FDU ENG2 LOOP B WARN CKT	261200 FDU 2 1 26-CFDS
CHECK IDO ENGE LOUP D WARN CKI	201200 100 2 1 20-6103

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
CHECK FDU ENG2 PIN PROG CHECK FDU ENG2 SUPPLY CHECK FDU PIN PROG CHECK FIRE HANDLE 1 RESET GEN1 CHECK FIRE HANDLE 2 RESET GEN2	261200	FDU 2	3	26-CFDS
CHECK FDU ENG2 SUPPLY				26-ECAM
CHECK FDU PIN PROG	261000	FDU 1	3	26-CFDS
CHECK FIRE HANDLE 1 RESET GEN1	242200	AC GEN	1	24-ECAM
CHECK FIRE HANDLE 2 RESET GEN2	242200	AC GEN	1	24-ECAM
CHECK GCU APU PIN A3A APU CTL RLY 6KD CKT	496100	AC GEN	1	24-ECAM
CHECK GCU APU PIN B11D, B13D	242334	AC GEN	3	24-CFDS
CHECK GCU APU PIN C1,C5 GEN APU PIN A9,A10	242300	AC GEN	1	24-ECAM
CHECK GCU APU PIN C2TOC4 GEN APU PIN A12 TO		AC GEN	1	
A14				
CHECK GCU1 PIN A15D IDG 1 PIN CA,CB WIRING	242100	AC GEN	3	24-CFDS
CHECK GCU1 PIN A8A,A9B IDG 1 PIN B7,B8 WIRING		AC GEN		24-ECAM
CHECK GCU1 PIN A9A, A9B IDG 1 PIN B9, B8 WIRING		AC GEN		24-CFDS
CHECK GCU1 PIN B11D, B13D		AC GEN		
CHECK GCU1 PIN B14A, B14B IDG1 PIN B1,B2		AC GEN	_	24-ECAM
CHECK GCU1 PIN C1,C5 IDG1 PIN A9,A10 WIRING	242100	AC GEN		24-ECAM
CHECK GCU1 PIN C2 TO C4 IDG1 PIN B12 TO B14		AC GEN		24-ECAM
CHECK GCU2 PIN A15D IDG2 PIN CA,CB WIRING		AC GEN		24-CFDS
CHECK GCU2 PIN A8A,A9B IDG 2 PIN B7,B8 WIRING		AC GEN		24-ECAM
CHECK GCU2 PIN A9A,A9B IDG2 PIN B9,B8 WIRING		AC GEN		24-CFDS
CHECK GCU2 PIN B11D, B13D		AC GEN		24-CFDS
CHECK GCU2 PIN B110, B130 CHECK GCU2 PIN B14A, B14B IDG2 PIN B1,B2		AC GEN		24-ECAM
CHECK GCU2 PIN 614A, 614B 10G2 PIN 61,62 CHECK GCU2 PIN C1,C5 1DG2 PIN A9,A10 WIRING		AC GEN		24-ECAM
CHECK GCU2 PIN C1,C5 IDG2 PIN A9,A10 WIRING		AC GEN		24-ECAM
CHECK GEOZ PIN CZ TO C4 IDGZ PIN BIZ TO BI4 CHECK GEN APU FEEDER PIN T1,T2,T3 SHORT TO		AC GEN	1	
GROUND	242300	AC GEN	'	24-ECAM
GROUND CHECK GEN APU PHASE SEQ	2/2300	AC GEN	1	24-ECAM
CHECK GEN POWER		TOILET		
CHECK GEN FOWER  CHECK GEN SCAV FILTER P5 AND LUBE FILTER P6				49-ECAM
CHECK GLC APU AND/OR CONTROL CKT				24-ECAM
CHECK GLC APU GCU APU PIN B2D WIRING		AC GEN		24-ECAM
CHECK GLC APU GCO APO FIN BZD WIRING CHECK GLC APU PIN D,E,F GCU APU PIN		AC GEN		
B1A,B2B,B3A	242300	AC GEN	'	24-ECAM
CHECK GLC1 AND/OR CONTROL CKT	2/2255	AC GEN	1	2/_ECAM
CHECK GLC1 AND/OR CONTROL CRI CHECK GLC1 GCU 1 PIN B2D WIRING				24-ECAM
CHECK GLC1 PIN D,E,F GCU1 PIN B1A,B2B,B3A		AC GEN		24-ECAM 24-ECAM
CHECK GLC2 AND/OR CONTROL CKT		AC GEN		
CHECK GLC2 GCU2 PIN B2D WIRING		AC GEN		24-ECAM
CHECK GLC2 PIN D,E,F GCU2 PIN B1A,B2B,B3A		AC GEN		24-ECAM
CHECK GPCU PIN A4B CFDIU 1TW PIN A9K WIRING		AC GEN		31-CFDS
CHECK GPCU PIN C2 C/B 4XG,6XG,11XG,12XG WIRING				24-LOCAL
CHECK GPCU PIN C3,C4 RECEPTACLE 20XG PIN F,E		AC GEN		24-LOCAL
CHECK GROUND POWER		AC GEN		24-LOCAL
CHECK HF1 ANTENNA CIRCUIT	231111			23-CFDS
CHECK HF2 ANTENNA CIRCUIT	231111			23-CFDS
CHECK HOT AIR LEAKS ENG1		EIU1FAD		77-ECAM
CHECK HOT AIR LEAKS ENG2		EIU2FAD		
CHECK HOT BUS 701 PP/BCL1 CIRCUIT	243800	BCL 1	3	24-CFDS

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

	CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
	CHECK HOT BUS 702PP/ BCL2 CIRCUIT CHECK HOT BUS1 POWER CONSUMPTION	243800	BCL 1	3	24-CFDS
	CHECK HOT BUS2 POWER CONSUMPTION	243800	BCL 2	3	24-CEDS
	CHECK HOT BUS2 POWER CONSUMPTION CHECK IDG1 DISCONNECT CKT	242151	AC GEN	1	24-FCAM
	CHECK IDG1 FEEDER PIN T1,T2,T3 SHORT TO GROUND	242200	AC GEN	1	24-FCAM
	CHECK IDG1 PHASE SED	242200	AC GEN	1	24-FCAM
	CHECK IDG1 PHASE SEQ CHECK IDG1 1999VT WIRING CHECK IDG2 DISCONNECT CKT	2/2200	AC GEN	1	24-ECAM
	CHECK IDG! 1777VI WIKING	2/2/51	AC GEN	1	24 ECAM
	CHECK IDG2 FEEDER PIN T1,T2,T3 SHORT TO GROUND	242121	AC CEN	1	24-ECAM
	CHECK INGS PHASE SEC	2/2200	AC CEN	1	24-ECAM
	CHECK IDG2 PHASE SEQ CHECK IDG2 1998VT WIRING CHECK IGNITION SYSTEM / FCU / ECB (59KD) CHECK IGNITION SYSTEM / FCU(8022KM) / ECB	242200	AC GEN	1	24-ELAM
	CHECK IDG2 1998VI WIRING	242200	AC GEN	1	24-ECAM
_	CHECK IGNITION SYSTEM / FCU / ECB (59KD)	494100	APU	1	49-ECAM
₹	(59KD)				49-ECAM
	CHECK IGNITION SYSTEM / FCU(8022KM)/FUEL SUPPLY				49-ECAM
	CHECK IGV ASSEMBLY / IGV ACTR P21	492300	APU	1	49-CFDS
	CHECK IGV ASSEMBLY / IGV ACTR P21 CHECK IGV ASSEMBLY / IGV ACTR P21	492300	APU	1	49-FCAM
	CHECK IGV ASSEMBLY / IGV ACTUATOR (8014KM)	492300	ΔPII	1	49-CEDS
	CHECK IGV ASSEMBLY / IGV ACTUATOR (8014KM)	492300	APII	1	49-FCAM
	CHECK IGV ASSEMBLY / IGV ACTUATOR (8014KM) CHECK L AIL CHANGE OVER	27033/	FFCS 1	2	27-ECAM
	CHECK L AIL CHANGE OVER CHECK L AIL CHANGE OVER CHECK L AIL CHANGE OVER OF ELAC1	27033/	EECS 2	2	27 ECAM
	CHECK I ATT CHANCE OVER OF FLAC4	27077/	EFCS 2	4	27 ECAM
	CHECK L AIL CHANGE OVER OF FLACA	27077/	ELCS 1	1	27 FCAM
	CHECK L AIL CHANGE OVER OF ELACT CHECK L/G HYDR. PIPE CHECK L/G HYDR. PIPE CHECK LGCIU 1/2 NOSE DN / LK SIGNAL	217334	EFUS Z	1	ZI-EUAM
	CHECK L/G HYDR. PIPE		BSCU 1	1	32-ELAM
	CHECK L/G HYDR. PIPE	707474	BSCU 2	1 -	32-EUAM
	CHECK LGCIU 1/2 NOSE DN / LK SIGNAL	3231/1	BSCU 1	3	32-CFDS
	CHECK LGCIU 1/2 NOSE DN / LK SIGNAL	323171	BSCU 2	3	32-CFDS
	CHECK LGCIU-AEVC INTFC	323171	AEVC	3	32-CFDS
	CHECK LGCIU-PHC1 INTERFACE	323171	PHC 1	1	30-ECAM
	CHECK LGCIU-PHC2 INTERFACE	323171	PHC 2	1	30-ECAM
	CHECK LGCIU-PHC3 INTERFACE	323171	PHC 3	1	30-ECAM
	CHECK LGCIU-WHC1 INTERFACE	323171	WHC 1	3	32-CFDS
	CHECK LGCIU-WHC2 INTERFACE	323171	WHC 2	3	32-CFDS
	CHECK LGCIU-AEVC INTFC CHECK LGCIU-PHC1 INTERFACE CHECK LGCIU-PHC2 INTERFACE CHECK LGCIU-PHC3 INTERFACE CHECK LGCIU-WHC1 INTERFACE CHECK LGCIU-WHC2 INTERFACE CHECK LGCIU1 DISC INPUTS	323171	EFCS 1	2	27-ECAM
	CHECK LGCIU1 DISC INPUTS	323171	EFCS 2	2	27-ECAM
	CHECK LGCIU1 L/G COMP SIGNALS (DISAGREE)		EIU1FAD		32-CFDS
₹	CHECK LGCIU1 L/G COMP SIGNALS (DISAGREE)		EIU1FAD		32-ECAM
•	CHECK LGCIU1 NOSE DN/LK SIGNAL		BSCU 1		32-CFDS
	CHECK LGCIU1 NOSE DN/LK SIGNAL		BSCU 1		32-ECAM
	CHECK LGCIU1 NOSE DN/LK SIGNAL		BSCU 1		32-0BSV
	CHECK LGCIU1 NOSE DN/LK SIGNAL		BSCU 1		32-063V 32-CFDS
	CHECK LGCIU1 NOSE DN/LK SIGNAL		BSCU 1		
	CHECK LGCIUI NOSE DN/LK SIGNAL				32-ECAM
			BSCU 1		32-0BSV
	CHECK LGCIU1 NOSE DN/LK SIGNAL		BSCU 2		32-CFDS
	CHECK LGCIU1 R SHOCK ABS SIGNAL OR L/G LEVER				32-CFDS
	CHECK LGCIU1 R SHOCK ABS SIGNAL OR L/G LEVER				32-CFDS
	CHECK LGCIU1 R SHOCK ABS SIGNAL OR L/G LEVER	323171	BSCU 2	1	32-CFDS

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
CHECK LGCIU1 R SHOCK ABSORBER SIGNAL	32XXXX	BSCU 1	3	32-CFDS
CHECK LGCIU1 R SHOCK ABSORBER SIGNAL	32XXXX	BSCU 2	3	32-CFDS
CHECK LGCIUT K SHOCK ABSORBER SIGNAL CHECK LGCIU1/BCL1 CIRCUIT CHECK LGCIU1/BCL2 CIRCUIT CHECK LGCIU2 DISC INPUTS CHECK LGCIU2 DISC INPUTS	326200	BCL 1	3	32-CFDS
CHECK LGCIU1/BCL2 CIRCUIT	326200	BCL 2	3	32-CFDS
CHECK LGCIU2 DISC INPUTS	323171	EFCS 1	2	27-ECAM
CHECK LGCIU2 DISC INPUTS	323171	EFCS 2	2	27-ECAM
CHECK LGCIU2 L SHOCK ABS SIGNAL OR L/G LEVER	323171	BSCU 1		32-CFDS
CHECK LGCIU2 L SHOCK ABS SIGNAL OR L/G LEVER	323171	BSCU 1	3	32-CFDS
CHECK LGCIU2 L SHOCK ABS SIGNAL OR L/G LEVER	323171	BSCU 2	1	32-CFDS
CHECK LGCIU2 L SHOCK ABSORBER SIGNAL CHECK LGCIU2 L SHOCK L ABSORBER SIGNAL	32XXXX	BSCU 2	3	32-CFDS
CHECK LGCIU2 L SHOCK L ABSORBER SIGNAL	32XXXX	BSCU 1	3	32-CFDS
CHECK LGCIU2 L/G COMP SIGNALS (DISAGREE)	323171	EIU2FAD	1	32-CFDS
CHECK LGCIU2 R SHOCK ABS SIGNAL OR L/G LEVER	323171	BSCU 1	1	32-CFDS
CHECK LGCIU2 R SHOCK ABS SIGNAL OR L/G LEVER				32-CFDS
CHECK I CCTIIS D CHOCK ARC CTCNAL OD I /C LEVED	727171	DCCII 2	4	32-CFDS
CHECK LGCIU2 R SHOCK ABSORBER SIGNAL	32XXXX	BSCU 1	3	32-CFDS
CHECK LGCIU2 R SHOCK ABSORBER SIGNAL	32XXXX	BSCU 2	3	32-CFDS
CHECK LRRA-1 ANTENNAE CIRCUITS	344211	RA 1	1	34-ECAM
CHECK LRRA-2 ANTENNAE CIRCUITS	344211	RA 2	1	34-ECAM
CHECK OIL COOLER ASSY (8079KM)	499144	APU	1	49-ECAM
CHECK OIL LEAKAGE / OIL PRESS SW (8091KM)	499100	APU	1	49-ECAM
CHECK OIL LEAKAGE OR OIL PRESS SW P14	499100	APU	1	49-ECAM
CHECK OIL PRESS XMTR1 CIRCUIT 4003EN	793315	EIU1FAD	2	77-ECAM
CHECK LGCIUZ R SHOCK ABSORBER SIGNAL CHECK LGCIUZ R SHOCK ABSORBER SIGNAL CHECK LGCIUZ R SHOCK ABSORBER SIGNAL CHECK LRRA-1 ANTENNAE CIRCUITS CHECK LRRA-2 ANTENNAE CIRCUITS CHECK OIL COOLER ASSY (8079KM) CHECK OIL LEAKAGE / OIL PRESS SW (8091KM) CHECK OIL LEAKAGE OR OIL PRESS SW P14 CHECK OIL PRESS XMTR1 CIRCUIT 4003EN CHECK OIL PRESS XMTR1 CIRCUIT 4003EN CHECK OIL PRESS XMTR2 CIRCUIT 4003EN	793315	EIU1FAD	2	79-CFDS
CHECK OIL PRESS XMTR2 CIRCUIT 4003EN	793315	ETU2FAD	2	77 5044
CHECK OIL PRESS XMTR2 CIRCUIT 4003EN CHECK OIL PRESS XMTR2 CIRCUIT 4003EN CHECK OIL QTY XMTR1 CIRCUIT 4002EN CHECK OIL GTY XMTR2 CIRCUIT 4002EN CHECK OIL SYSTEM / GENERATOR (8XS) CHECK OIL SYSTEM OR GENERATOR 8XS CHECK PACK CONT 7HH/EIU1 CIRCUIT CHECK PACK CONT 7HH/EIU2 CIRCUIT CHECK PITCH CHANGE OVER OF ELAC1 CHECK PITCH CHANGE OVER OF ELAC1 CHECK PITCH CHANGE OVER OF ELAC1	793315	EIU2FAD	2	79-CFDS
CHECK OTL GTY XMTR1 CTRCUIT 4002EN	793115	FTU1FAD	1	79-CFDS
CHECK OIL QTY XMTR2 CIRCUIT 4002EN	793115	EIU2FAD	1	79-CFDS
CHECK OIL SYSTEM / GENERATOR (8XS)	499100	APU	1	49-ECAM
CHECK OIL SYSTEM OR GENERATOR 8XS	499100	APII	1	49-ECAM
CHECK PACK CONT 7HH/FILL1 CIRCUIT	732534	FTII1FAD	2	77-ECAM
CHECK PACK CONT 7HH/FTH2 CIRCUIT	732534	FTII2FAD	2	77-ECAM
CHECK PITCH CHANGE OVER OF FLACT	279334	FFCS 1	1	27-ECAM
CHECK PITCH CHANGE OVER OF FLACT	279334	FFCS 2	1	27-ECAM
CHECK PITCH CHANGE OVER OF ELAC2	279334	FFCS 1	1	27-FCAM
CHECK PITCH CHANGE OVER OF ELAC2		EFCS 2	1	27-ECAM
CHECK PITCH CHANGE OVER OF SEC1		EFCS 1	2	27-ECAM
CHECK PITCH CHANGE OVER OF SEC1		EFCS 2	2	27-ECAM
CHECK PITCH CHANGE OVER OF SEC2		EFCS 1	2	27-ECAM
CHECK PITCH CHANGE OVER OF SEC2		EFCS 2	2	27-ECAM
CHECK PITOT PHC1 SUPPLY	303100		1	30-ECAM
CHECK PITOT PHC2 SUPPLY	303100		1	30-ECAM
CHECK PITOT PHC3 SUPPLY	303100		1	30-ECAM
CHECK PITOT PROS SUPPLY	240000		3	24-CFDS
CHECK PRESS REG-V PWR PLY	240000		3	24-CFDS
CHECK PRESS REG-V PWR PLY	361100		3	36-CFDS
CHECK PRESS REG-V PWR SPLY	361100		3	36-CFDS
			3 1	
CHECK PRESS XDCR WIRING	491511	APU	ı	49-CFDS

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES				CH-PB10
CHECK PRESS XDCR WIRING (8001KM) / ECB (59KD) CHECK PRESS XDCR WIRING (8001KM)/ECB (59KD) CHECK PRESS XDCR WIRING / (8001KM) CHECK PRESS XDCR WIRING/ ECB (59KD) CHECK PRIORITY WIRING CHECK R AIL CHANGE OVER	491511	APU	1	49-CFDS
CHECK PRESS XDCR WIRING (8001KM)/ECB (59KD) CHECK PRESS XDCR WIRING / (8001KM) CHECK PRESS XDCR WIRING / (8001KM) CHECK PRESS XDCR WIRING / (8001KM) CHECK PRESS XDCR WIRING / ECB (59KD) CHECK PRIORITY WIRING CHECK PRIORITY WIRING CHECK PRIORITY WIRING CHECK PRIORITY WIRING CHECK R AIL CHANGE OVER CHECK R AIL CHANGE OVER OF ELAC1 CHECK R AIL CHANGE OVER OF ELAC1 CHECK SDAC-AEVC INTFC CHECK SDAC-WINDOWS WHC1 INTERFACE CHECK SDAC-WINDSHIELD WHC2 INTERFACE CHECK SDAC-WINDSHIELD WHC2 INTERFACE CHECK SDAC-WINDSHIELD WHC2 INTERFACE CHECK SDAC-WINDSHIELD WHC2 INTERFACE CHECK SDF1 BITE / CIDS (101RH)-SDF1 CHECK SERIAL LINK GPCU TO GCU APU CHECK SERIAL LINK GPCU TO GCU1 CHECK SERIAL LINK GPCU TO GCU2 CHECK STATICS PHC1 SUPPLY CHECK STATICS PHC2 SUPPLY CHECK STATICS PHC3 SUPPLY CHECK TAT PHC1 SUPPLY CHECK TAT PHC1 SUPPLY CHECK TAT PHC1 SUPPLY CHECK TAT PHC1 SUPPLY CHECK TAT PHC2 SUPPLY CHECK TAT PHC1 SUPPLY CHECK VHF1 ANTENNA CIRCUIT CHECK VHF3 ANTENNA CIRCUIT CHECK WHTNDOWS WHC1 SUPPLY	491511	APU	1	49-ECAM
CHECK PRESS XDCR WIRING / (8001KM)	491511	APU	1	49-CFDS
CHECK PRESS XDCR WIRING/ ECB (59KD)	491511	APU	1	49-ECAM
CHECK PRIORITY WIRING	279334	EFCS 1	1	27-ECAM
CHECK PRIORITY WIRING	279334	EFCS 1	2	27-ECAM
CHECK PRIORITY WIRING	279334	EFCS 2	1	27-ECAM
CHECK PRIORITY WIRING	279334	EFCS 2	2	27-ECAM
CHECK R AIL CHANGE OVER	279334	EFCS 1	2	27-ECAM
CHECK R AIL CHANGE OVER	279334	EFCS 2	2	27-ECAM
CHECK R AIL CHANGE OVER OF ELAC1	279334	EFCS 1	1	27-ECAM
CHECK R AIL CHANGE OVER OF ELAC1	279334	EFCS 2	1	27-ECAM
CHECK SDAC-AEVC INTFC	315534	AEVC	3	31-CFDS
CHECK SDAC-WINDOWS WHC1 INTERFACE	315400	WHC 1	3	31-CFDS
CHECK SDAC-WINDOWS WHC2 INTERFACE	315400	WHC 2	3	31-CFDS
CHECK SDAC-WINDSHIELD WHC1 INTERFACE	315400	WHC 1	3	31-CFDS
CHECK SDAC-WINDSHIELD WHC2 INTERFACE	315400	WHC 2	3	31-CFDS
CHECK SDE1 RITE / CIDS (101RH)-SDE1	237334	SDCII	2	26-FCAM
CHECK SDE2 RITE / CIDS (102RH)-SDE2	237334	SUCII	2	26-FCAM
CHECK SOIE BITE / CIDS (TOEKT) SOIE	244134	AC GEN	7	24-CENS
CHECK SERIAL LINK GPCU TO GCO AFO	244134	AC GEN	3	24-CEDS
CHECK SERIAL LINK GPCU TO GCUI	244134	AC GEN	1	24-CFD3
CHECK SERIAL LINK GPCU ID GCUZ	Z44 134 Z0Z 100	BUC 1	1	Z0_ECAM
CHECK STATICS BHC3 CHBBLV	303 100 303 100	PHC 3	1	JU-ECAM
CHECK STATICS PHCZ SUPPLY	303 100 303 100	PHC Z	1	30-ECAM
CHECK TAT DICA CHEDIA	303100	PHC 3	1	30-ECAM
CHECK TAT DUCC CURRLY	303100	PHC 1	1	30-ECAM
CHECK MUSA ANTENNA CERCUIT	303100	PHC 2	1	SU-ELAM
CHECK VHF1 ANIENNA CIRCUII	231211	VHF 1	1	23-650
CHECK VHFZ ANIENNA CIRCUII	231211	VHF 2	1	23-LFDS
CHECK VHF3 ANIENNA CIRCUII	231211	VHF 3	1	23-CFDS
CHECK WINDOWS WHC1 SUPPLY	207200	WITC I		JU LUAN
CHECK WINDOWS WHC2 SUPPLY	304200	WHC 2	1	3U-ECAM
CHECK WINDSHIELD WHC1 SUPPLY	304200	WHC 1	1	30-ECAM 30-ECAM 30-ECAM
CHECK TAT PHC2 SUPPLY CHECK VHF1 ANTENNA CIRCUIT CHECK VHF2 ANTENNA CIRCUIT CHECK VHF3 ANTENNA CIRCUIT CHECK WINDOWS WHC1 SUPPLY CHECK WINDOWS WHC2 SUPPLY CHECK WINDSHIELD WHC1 SUPPLY CHECK WINDSHIELD WHC2 SUPPLY CHECK ZONE CONT SHK/FILL CIRCUIT	304200	WHC 2	1	5U-ECAM
CHECK ZONE CONT SHR/ LIGH CIRCOIT				77-ECAM
CHECK ZONE CONT 8HK/EIU2 CIRCUIT		EIU2FAD		77-ECAM
CHECK 10KS1 RELAY CIRCUIT OR EIU1		EIU1FAD		77-ECAM
CHECK 10KS2 RELAY CIRCUIT OR EIU2		EIU2FAD		77-ECAM
CHECK 12KS1 RELAY CIRCUIT OR EIU1		EIU1FAD		77-ECAM
CHECK 12KS2 RELAY CIRCUIT OR EIU2		EIU2FAD	2	77-ECAM
CHECK 14KS1 RELAY CIRCUIT OR EIU1		EIU1FAD	1	73-CFDS
CHECK 14KS1 RELAY CIRCUIT OR EIU1		EIU1FAD	2	77-ECAM
CHECK 14KS2 RELAY CIRCUIT OR EIU2	732534	EIU2FAD	1	73-CFDS
CHECK 14KS2 RELAY CIRCUIT OR EIU2		EIU2FAD		77-ECAM
CHECK 15KS1 RELAY CIRCUIT OR EIU1	732534	EIU1FAD	3	73-CFDS
CHECK 15KS2 RELAY CIRCUIT OR EIU2	732534	EIU2FAD	3	73-CFDS
CHECK 16HB RELAY CIRCUIT OR EIU2	732534	EIU2FAD	1	73-CFDS
CHECK 16HB RELAY CIRCUIT OR EIU2	77257/	EIU2FAD	2	77-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
HECK 17HB RELAY CIRCUIT OR EIU1 HECK 17HB RELAY CIRCUIT OR EIU1		EIU1FAD		73-CFDS
HECK 17HB RELAY CIRCUIT OR EIU1		EIU1FAD		77-ECAM
HELK 19LP RELAY CIRCUIT OR EIUZ		EIU2FAD		73-CFDS
HECK 2708GJ RELAY CIRCUIT OR EIU1		EIU1FAD		77-ECAM
HECK 2709GJ RELAY CIRCUIT OR EIU2		EIU2FAD		77-ECAM
HECK 8LP RELAY CIRCUIT OR EIU1		EIU1FAD		73-CFDS
IDS MID BUS L		CIDS 1		23-CFDS
IDS MID BUS L		CIDS 1		23-LOCAL
IDS MID BUS L/ DIR1 (101RH)		CIDS 1		23-CFDS
IDS MID BUS L/ DIR1 (101RH)		CIDS 1		23-LOCAL
IDS MID BUS M / DIR Y (FIN)	237300		1	26-ECAM
IDS MID BUS R		CIDS 1		23-CFDS
IDS MID BUS R		CIDS 1		23-LOCAL
IDS MID BUS R/ DIR1 (101RH)		CIDS 1	1	23-CFDS
IDS MID BUS R/ DIR1 (101RH)		CIDS 1	1	23-LOCAL
IDS TOP BUS 1 L		CIDS 1	1	23-CFDS
IDS TOP BUS 1 L		CIDS 1	1	23-LOCAL
IDS TOP BUS 1 R	237300	CIDS 1	1	23-CFDS
IDS TOP BUS 1 R	237300	CIDS 1	1	23-LOCAL
IDS TOP BUS 1L/ DIR 1 (101RH)	237300	CIDS 1	1	23-CFDS
IDS TOP BUS 1L/ DIR 1 (101RH)	237300	CIDS 1	1	23-LOCAL
IDS TOP BUS 1R/ DIR 1 (101RH)	237300	CIDS 1	1	23-CFDS
IDS TOP BUS 1R/ DIR 1 (101RH)	237300	CIDS 1	1	23-LOCAL
IDS TOP BUS 2 L	237300	CIDS 1	1	23-CFDS
IDS TOP BUS 2 L	237300	CIDS 1	1	23-LOCAL
IDS TOP BUS 2 R	237300	CIDS 1	1	23-CFDS
IDS TOP BUS 2 R	237300	CIDS 1	1	23-LOCAL
IDS(10YRH)-SDF	237334	SDCU	2	23-CFDS
IDS(10YRH)-SDFY 28VDC1 SPLY	240000	SDCU	2	24-CFDS
IDS(10YRH)-SDFY 28VDC2 SPLY	240000	SDCU	2	24-CFDS
IDS(101RH)-SDF1	237334	SDCU	1	26-ECAM
IDS(101RH)-SDF1 BUS / CIDS(102RH)-SDF2	237334	SDCU	2	26-ECAM
IDS(102RH)-SDF2	237334	SDCU	1	26-ECAM
IDS(102RH)-SDF2 BUS / CIDS(101RH)-SDF1	237334		1	26-ECAM
IDS(102RH)-SDF2 BUS / CIDS(101RH)-SDF1	237334		2	26-ECAM
IRCUIT BREAKER 14WH - CAN BUS B		CIDS 1	2	26-CFDS
IRCUIT BREAKER 14WH - CAN BUS B		CIDS 2	2	26-CFDS
IRCUIT BREAKER 14WH/ CAN BUS B	261000		2	26-ECAM
IRCUIT BREAKER 15WH - CAN BUS A		CIDS 1	2	26-CFDS
IRCUIT BREAKER 15WH - CAN BUS A		CIDS 2	2	26-CFDS
IRCUIT BREAKER 15WH/ CAN BUS A	261000		2	26-ECAM
KPT DUCT OVHT SENSOR		TEMPCTL	3	21-CFDS
KPT TEMP SEL		TEMPCTL		21-CFDS
KPT TEMP SEL		TEMPCTL	3	21-CFDS
LOCK	312121		1	31-CFDS
LOCK	312121		1	31-LOCAL
LOCK(2FS)/ATSU1(1TX1)	312121	ACARSMU	1	31-CFDS

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
LOCK(2FS)/ATSU1(1TX1)		ATSU	1	31-CFDS
LOCK(2FS)/ATSU1(1TX1)	312121		1	46-0BSV
LOGGED OIL FILTER	ASD	APU	*	49-ECAM
OCKPIT PRESEL 10QT	284221		3	28-CFDS
OND AIR INLET V 21HQ	212654	AEVC	1	21-ECAM
ONTACTOR (10KA)	494255	APU		49-ECAM
ONTACTOR (10KA)	494255	APU		49-CFDS
ONTACTOR (5KA)	494255	APU		49-CFDS
ONTACTOR 10KA	494242	APU	3	49-CFDS
ONTACTOR 10KA	494255	APU	1	49-CFDS
ONTACTOR 10KA	494255	APU	1	49-ECAM
ONTACTOR 10KA	494255	APU	3	49-CFDS
ONTACTOR 10KA OR ECB 59KD	494242	APU	1	49-CFDS
ONTACTOR 10KA OR ECB 59KD	494242	APU	1	49-ECAM
ONTACTOR 5KA	494241	APU	3	49-CFDS
ONTACTOR 5KA	494255	APU		49-CFDS
ONTACTOR 5KA	494255			49-ECAM
ONTACTOR 5KA	494255	APU	3	49-CFDS
ONTACTOR 5KA OR ECB 59KD	494241	APU	1	49-ECAM
OOL VLV, J7, ECU	752420	EIU1FAD	1	77-ECAM
OOL VLV, J7, ECU		EIU2FAD		77-ECAM
OOL VLV, J8, ECU		EIU1FAD		77-ECAM
OOL VLV, J8, ECU		EIU2FAD		77-ECAM
OOLING FAN PMG ASSY (8055KM)	495253		1	49-CFDS
OOLING FAN PMG ASSY (8055KM)	495253			49-ECAM
OOLING FAN PMG ASSY (8055KM)	495253		2	49-ECAM
OOLING FAN/PMG ASSY	495253		1	49-CFDS
OOLING FAN/PMG ASSY	495253		1	49-ECAM
OOLING FAN/PMG ASSY	495253		2	49-ECAM
OOLING FAN/PMG ASSY	495253		3	49-CFDS
OOLING FAN/PMG ASSY OR OIL COOLER ASSY	495251		1	49-ECAM
PC1 (11HL) / DMU (1TV)	213134		3	21-CFDS
PC2 (12HL) / DMU (1TV)	213134		3	21-CFDS
PU1/CPU2 SYNC. FAILURE	313634		2	31-ECAM
PU1/CPU2 SYNCHRO	313634			31-ECAM
PWC(1WZ)/FWC1/2 (1WW1/2)/WXR1/2(1SQ1/2)	344334		1	34-ECAM
PWC(100SG)/FWC1/2 (1WW1/2)/WXR1/2(1SQ1/2)	344334		=	34-ECAM
RG FIRE BTL 1 AFT SQUIB	261715			26-CFDS
RG FIRE BTL 1 AFT SQUIB / DIR 1/2	262341		1	26-ECAM
101RH/102RH)	202541	0,00	•	LO LOMI
RG FIRE BTL 1 FWD SQUIB	262341	SDCU	1	26-CFDS
RG FIRE BTL 1 FWD SQUIB / DIR 1/2	262341		1	26-ECAM
101RH/102RH)			•	
RG FIRE BTL 1 LO PR	261715	SDCII	1	26-CFDS
RG FIRE BTL 1 LO PR	262341		1	26-ECAM
			1	26-CFDS
RG FTRE RTI 2 AFT SOUTR	/61/17			
RG FIRE BTL 2 AFT SQUIB RG FIRE BTL 2 FWD SQUIB	261715 261715		1	26-CFDS

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#### TROUBLE SHOOTING MANUAL

	ATA	SOURCE		CH-PB101
ROSSFEED VALVE 5QE SU SENSOR MISADJUST 51 CV SU SENSOR MISADJUST 51 CV SU 51 CV OR WIRING TO FLP 1 SU 51 CV OR WIRING TO FLP 2 SU 51 CV OR WIRING TO SLT 1 SU 51 CV OR WIRING TO SLT 2 STA (42XS)/GAPCU (24XG) STA (51XU1)/GCU1 (1XU1)	282341	FUEL	3	28-CFDS
SU SENSOR MISADJUST 51 CV	2/511/	SFCC 1	1	27-CFDS
SU SENSOR MISADJUST 51 CV	2/511/	SFCC 2	1	27-CFDS
SU 51 CV OR WIRING TO FLP 1	2/511/	SFCC 1	1	27-CFDS
SU 51 CV OR WIRING TO FLP 2	2/511/	SFCC 2	1	27-CFDS
SU 51 CV OR WIRING TO SLT 1	2/511/	SFCC 1	1	27-CFDS
SU 51 CV OR WIRING TO SLT 2	2/511/	SFCC 2	1	27-CFDS
TA (42XS)/GAPCU (24XG)	242317	AC GEN	1	24-ECAM
TA (51XU1)/GCU1 (1XU1)	242217	AC GEN		24-ECAM
TA (51XU1)/IDG1 (E1-4000XU)/GCU1 (1XU1)	242217	AC GEN	1	24-ECAM
TA (51XU2)/GCU2 (1XU2)	242217	AC GEN	1	24-ECAM
TA (51XU2)/IDG2 (E2-4000XU)/GCU2 (1XU2)	242217	AC GEN	1	24-ECAM
T1(2RF)/ATSU1(1TX1)	237431	ACARSMU	3	23-CFDS
TTA (51XU2)/IDG2 (E2-4UUUXU)/GCU2 (1XU2) TT1(2RF)/ATSU1(1TX1) TT1(2RF)/ATSU1(1TX1) TZ(190MH)/ATSU1(1TX1) TZ(190MH)/ATSU1(1TX1)	237431	ATSU	3	23-CFDS
T2(190MH)/ATSU1(1TX1)	233434	ACARSMU	3	23-CFDS
T2(190MH)/ATSU1(1TX1)	233434	ATSU		23-CFDS
URRENT LIMITER (6KA) / CONTACTOR (10KA)	494200	APU	1	49-CFDS
URRENT LIMITER (6KA) / CONTACTOR (10KA)	494200	APU	1	49-ECAM
URRENT LIMITER 6KA OR CONTACTOR 10KA	494200	APU	1	49-CFDS
URRENT LIMITER 6KA OR CONTACTOR 10KA	494200	APU	1	49-ECAM
URRENT LIMITER 6KA OR CONTACTOR 10KA	494242	APU	1	49-CFDS
URRENT LIMITER 6KA OR CONTACTOR 10KA	494242	APU	1	49-ECAM
AR	313652	DMU	2	31-ECAM
URRENT LIMITER 6KA OR CONTACTOR 10KA URRENT LIMITER 6KA OR CONTACTOR 10KA AR AR EMISSION FAILUR AR MEDIA LOW ATA LOADER(1TD)/ ATSU1(1TX1) ATA LOADER(1TD)/ ATSU1(1TX1) ATA MEMORY MODULE (8062KM) ATA MEMORY MODULE P20 C POWER BELOW 16 V C POWER INTERRUPT C POWER INTERRUPT C POWER INTERRUPT C POWER INTERRUPT E-OIL SOL P15	313634	DMU	2	31-ECAM
AR MEDIA LOW	313652		2	31-ECAM
ATA LOADER(1TD)/ ATSU1(1TX1)	313800	ACARSMU		31-CFDS
ATA LOADER(1TD)/ ATSU1(1TX1)	313800	ATSU	3	31-CFDS
ATA MEMORY MODULE (8062KM)	497332	APU	3	49-CFDS
ATA MEMORY MODULE P20	497332	APU	3	49-CFDS
C POWER BELOW 16 V	275100	SFCC 1	3	27-CFDS
C POWER BELOW 16 V	275100	SFCC 2	3	27-CFDS
C POWER BELOW 16 V	278100	SFCC 1	3	27-CFDS
C POWER BELOW 16 V	278100	SFCC 2	3	27-CFDS
C POWER INTERRUPT	275100	SFCC 1		27-CFDS
C POWER INTERRUPT	275100	SFCC 2	3	27-CFDS
C POWER INTERRUPT	278100	SFCC 1	3	27-CFDS
C POWER INTERRUPT	278100	SFCC 2	3	27-CFDS
E-OIL SOL P15	499149		3	49-CFDS
E-OILING SOL (8083KM)	499149		1	49-ECAM
E-OILING SOL (8083KM)	499149		3	49-CFDS
E-OILING SOL P15	499149		1	49-ECAM
EF LAY		CIDS 1	3	23-CFDS
EF LAY		CIDS 2	3	23-CFDS
EF LAY		CIDS 1	3	23-CFDS
EF LAY		CIDS 2	3	23-CFDS
ELTA CURRENT GEN APU CHANNEL		AC GEN	1	24-ECAM
veriller ver in a allutter	, , , , ,		•	
ELTA CURRENT GEN1 + GCU1 (1XU1)/BTC1 (11XU1)	245000	AC GEN	1	24-ECAM

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**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
DELTA CURRENT GEN2 + GCU2 (1XU2)/BTC2 (11XU2)				
DELTA CURRENT GEN2 CHANNEL				24-ECAM
DEOIL SOLENOID (8083KM)	499149	APU	1	49-CFDS
DEOIL SOLENOID (8083KM)		APU		
DEOIL SOLENOID (8083KM) DEOIL SOLENOID P15 DEPL SW, J5/J6, ECU ENG1A DEPL SW, J5/J6, ECU ENG1A	499149	APU	1	49-ECAM
PEPL SW, J5/J6, ECU ENG1A		EIU1FAD		
PEPL SW, J5/J6, ECU ENG1A		EIU1FAD		77-ECAM
DEPL SW, J5/J6, ECU ENG1B		EIU1FAD		77-ECAM
DEPL SW, J5/J6, ECU ENG1B	783117	EIU1FAD	2	77-ECAM
DEPL SW, J5/J6, ECU ENG2A	783117	EIU2FAD	1	77-ECAM
DEPL SW, J5/J6, ECU ENG2A	783117	EIU2FAD	2	77-ECAM
DEPL SW, J5/J6, ECU ENG2B	783117	EIU2FAD	1	77-ECAM
DEPL SW, J5/J6, ECU ENG2B	783117	EIU2FAD	2	77-ECAM
DEU-A 200RH1	237346	CIDS 1	1	23-CFDS
DEU-A 200RH10		CIDS 1		23-CFDS
DEU-A 200RH11		CIDS 1		23-CFDS
DEU-A 200RH12		CIDS 1		
DEU-A 200RH13		CIDS 1		
DEU-A 200RH14		CIDS 1		
DEU-A 200RH15		CIDS 1		
DEU-A 200RH16		CIDS 1		
DEU-A 200RH17		CIDS 1		23-CFDS
DEU-A 200RH18		CIDS 1		23-CFDS
DEU-A 200RH19		CIDS 1		23-CFDS
DEU-A 200RH2		CIDS 1		23-CFDS
DEU-A 200RH20		CIDS 1		23-CFDS
DEU-A 200RH21		CIDS 1		23-CFDS
DEU-A 200RH22		CIDS 1		23-CFDS
DEU-A 200RH23		CIDS 1		23-CFDS
DEU-A 200RH24		CIDS 1		23-CFDS
DEU-A 200RH25		CIDS 1		23-CFDS
DEU-A 200RH26		CIDS 1		
DEU-A 200RH27		CIDS 1		
DEU-A 200RH28		CIDS 1		23-CFDS
DEU-A 200RH29	237346		1	23-CFDS
DEU-A 200RH3	237346		1	23-CFDS
DEU-A 200RH30	237346		1	23-CFDS
DEU-A 200RH31	237346		1	23-CFDS
DEU-A 200RH32	237346		1	23-CFDS
DEU-A 200RH4	237346		1	23-CFDS
DEU-A 200RH5	237346		1	23-CFDS
DEU-A 200RH6	237346		1	23-CFDS
DEU-A 200RH7	237346		1	23-CFDS
DEU-A 200RH8	237346		1	23-CFDS
DEU-A 200RH9	237346		1	23-CFDS
DEU-B 300RH1	237347		1	23-CFDS
DEU-B 300RH4	237347		1	23-CFDS
/EU-B JUUKN4	231341	CIDO		72-CL N2

EFF: ALL

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
DEU-B 300RH5	237347		1	23-0BSV
DEU-B 300RH6	237347	CIDS 1	1	23-CFDS
DEU-B 300RH7	237347	CIDS 1	1	23-CFDS
DEU-B(FIN)	237347			26-ECAM
DFDR	313355			31-CFDS
DFDR	313355			31-ECAM
DFDR PLAYBACK	313355			31-CFDS
DIAL. BUS INTERFACE	313634			31-ECAM
DIFFERENTIAL PRESS XDCR (8043KM)	495116			49-CFDS
DIFFERENTIAL PRESS XDCR (8043KM)	495116			49-ECAM
DIFFERENTIAL PRESS XDCR P24	495116			49-ECAM
DIRECTOR	237334			23-ECAM
DIRECTOR	237334			23-ECAM
DIRY(10YRH)-SDF	237334			23-CFDS
DIR1 (101RH)/ FAP <name> (120RH)</name>	237334			23-CFDS
DIR1(101RH)	237334			23-ECAM
DIR1(101RH) BUS/ DIR2 (102RH)	237334			23-CFDS
DIR2 (102RH)	237334			23-ECAM
DIR2(102RH) BUS/ DIR1 (101RH)	237334			23-CFDS
DISK/MDDU(1TD)	313800			31-CFDS
DLRB(102TD)/DLS(101TD)	313834			31-CFDS
DMC (1WT1/3)/ATSU1(1TX1)	316334			31-CFDS
DMC (1WT1/3)/ATSU1(1TX1)	316334			31-CFDS
DMC (1WT2/3)/ATSU1(1TX1)	316334			31-CFDS
DMC (1WT2/3)/ATSU1(1TX1)	316334			31-CFDS
DMC 1 : NO DMCHS 3 DATA	316334	EIS 1	2	31-CFDS
DMC 1 : NO DMCLS 3 DATA	316334			31-CFDS
DMC 1 : NO DME 1 DATA	345133			34-CFDS
DMC 1 : NO DME 2 DATA	345133			34-CFDS
DMC 1 : NO ECP DATA	316112			31-CFDS
DMC 1 : NO ECU 1 A DATA	732160		1	22-ECAM
DMC 1 : NO ECU 1 A DATA	732160			73-CFDS
DMC 1 : NO ECU 1 A DATA	732160			77-ECAM
DMC 1 : NO ECU 1 B DATA	732160		1	22-ECAM
DMC 1 : NO ECU 1 B DATA	732160		1	
DMC 1 : NO ECU 1 B DATA	732160		1	77-ECAM
DMC 1 : NO ECU 2 A DATA	732160		1	22-ECAM
DMC 1 : NO ECU 2 A DATA	732160		1	73-CFDS
DMC 1 : NO ECU 2 A DATA	732160		1	77-ECAM
DMC 1 : NO ECU 2 B DATA	732160		1	22-ECAM
DMC 1 : NO ECU 2 B DATA	732160		1	73-CFDS
DMC 1 : NO ECU 2 B DATA	732160		1	77-ECAM
DMC 1 : NO EEC1 A DATA	732234		1	73-CFDS
DMC 1 : NO EEC1 B DATA	732234		1	73-CFDS
DMC 1 : NO EEC2 A DATA	732234		1	73-CFDS
DMC1	316334 316334		1	22-EFIS
DMC1			1	31-CFDS
DMC1	316334	EIS 2	1	31-ECAM

EFF: ALL

**I-CFDS** 

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FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
MC1	316334	EIS 3	1	31-CFDS
MC1	316334	EIS 3	1	31-ECAM
MC1 (1WT1) / DMU (1TV)	316334	DMU	3	31-CFDS
MC1 (1WT1) / FDIMU (1OTV)	316334	DMU	3	31-CFDS
MC1 (1WT2) / FDIMU (10TV)	316334		3	31-CFDS
MC1 -DU ECAM1 LINK	316322		2	31-CFDS
MC1 -DU ECAM2 LINK	316334		2	31-CFDS
MC1 : ALT DSPLY ERR	316334		1	31-CFDS
MC1 : ATT DSPLY ERR	316334		1	31-CFDS
MC1 : DU ECAM1 POS. PIN	316322		2	31-CFDS
MC1 : DU ECAM2 POS. PIN	316334		2	31-CFDS
MC1 : DU ND1 POS. PIN	316322		1	31-CFDS
MC1 : DU PFD1 POS. PIN	316322		1	31-CFDS
MC1 : ENG1 EGT DSPLY ERR	316334		1	31-CFDS
MC1 : ENG1 FF DSPLY ERR	316334		1	31-CFDS
MC1 : ENG1 N1 DSPLY ERR	316334		1	31-CFDS
MC1 : ENG1 N2 DSPLY ERR	316334		1	31-CFDS
MC1 : ENG2 EGT DSPLY ERR	316334		1	31-CFDS
MC1 : ENG2 FF DSPLY ERR	316334		1	31-CFDS
MC1 : ENG2 N1 DSPLY ERR	316334		1	31-CFDS
MC1 : ENG2 N2 DSPLY ERR	316334		1	31-CFDS
MC1 : NO ADC1 DATA	341234		1	34-CFDS
MC1 : NO ADC3 DATA	341234		1	27-ECAM
MC1 : NO ADC3 DATA	341234		1	34-CFDS
MC1 : NO ADC3 DATA	341234		1	34-ECAM
MC1 : NO ADF1 DATA	345331		2	34-CFDS
MC1 : NO ADF2 DATA	345331		2	34-CFDS
MC1 : NO ATC1 DATA	345233		2	34-CFDS
MC1 : NO ATC2 DATA	345233		2	34-CFDS
MC1 : NO CFDIU DATA	313234		2	31-ECAM
MC1 : NO CHECK ATT MSG	316334		1	31-CFDS
MC1 : NO EEC2 B DATA	732234		1	73-CFDS
MC1 : NO FAC1 DATA	226634		1	22-CFDS
MC1 : NO FAC2 DATA	226634		1	22-CFDS
MC1 : NO FCDC1 DATA	279534		1	27-CFDS
MC1 : NO FCDC2 DATA	279534		1	27-CFDS
MC1 : NO FCU 1 A DATA	228134		1	22-CFDS
MC1 : NO FCU 1 B DATA	228134		1	22-CFDS
MC1 : NO FGC1 DATA	228334		2	22-CFDS
MC1 : NO FGC2 DATA	228334		2	22-CFDS
MC1 : NO FMC1 DATA	228334		1	22-CFDS
MC1 : NO FMC1 DATA	228334		1	22-ECAM
MC1 : NO FMC2 DATA	228334		1	22-CFDS
MC1 : NO FMC2 DATA	228334		1	22-ECAM
MC1 : NO FQI1 DATA	284234		2	28-CFDS
MC1 : NO FQI2 DATA	284234		2	28-CFDS
MC1 : NO FWC1 DATA	315334		1	31-CFDS
MC1 : NO FWC1 MSG	315334	EIS 1	1	31-CFDS

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
DMC1 : NO FWC2 DATA	315334		1	31-CFDS
DMC1 : NO FWC2 MSG	315334	EIS 1	1	31-CFDS
DMC1 : NO ILS1 DATA	343631	EIS 1	1	34-CFDS
DMC1 : NO ILS1 DATA	343631	EIS 1	1	34-ECAM
DMC1 : NO ILS1 DATA	343631	EIS 1	1	34-EFIS
DMC1 : NO ILS2 DATA	343631	EIS 1	1	34-CFDS
DMC1 : NO ILS2 DATA	343631	EIS 1	1	34-ECAM
DMC1 : NO ILS2 DATA	343631	EIS 1	1	34-EFIS
MC1 : NO IRS1 DATA	341234		1	27-ECAM
MC1 : NO IRS1 DATA	341234	EIS 1	1	34-CFDS
MC1 : NO IRS1 DATA	341234	EIS 1	1	34-ECAM
MC1 : NO IRS3 DATA	341234	EIS 1	1	27-ECAM
MC1: NO IRS3 DATA	341234	EIS 1	1	34-CFDS
MC1 : NO IRS3 DATA	341234	EIS 1	1	34-ECAM
MC1 : NO IRS3 DATA	341234	EIS 1	1	34-EFIS
MC1 : NO LGCIU1 DATA	323171	EIS 1	1	32-CFDS
MC1 : NO LGCIU2 DATA	323171		1	32-CFDS
MC1 : NO MMR1 DATA	343631		1	34-CFDS
MC1 : NO MMR1 DATA	343631		1	34-ECAM
MC1 : NO MMR1 DATA	343631		1	34-EFIS
MC1 : NO MMR2 DATA	343631		1	34-CFDS
MC1 : NO MMR2 DATA	343631		1	34-ECAM
MC1 : NO MMR2 DATA	343631		1	34-EFIS
MC1 : NO RA1 DATA	344233		1	34-CFDS
MC1 : NO RA1 DATA	344233		1	34-ECAM
MC1 : NO RA2 DATA	344233		1	34-CFDS
MC1 : NO RAZ DATA	344233		1	34-ECAM
MC1 : NO SDAC1 DATA	315534		1	31-CFDS
MC1 : NO SDAC2 DATA	315534		1	31-CFDS
MC1 : NO TCAS DATA	344300		1	34-CFDS
MC1 : NO TCAS DATA	344300		1	34-ECAM
MC1 : NO TCAS DATA	344300		1	34-EFIS
MC1 : NO VOR1 DATA	345531		2	34-CFDS
MC1 : NO VOR2 DATA	345531		2	34-CFDS
MC1 : NO WXR1 CH 2 DATA	344133		1	34-CFDS
1C1 : NO WXR1 CH 2 DATA	344133		1	34-ECAM
MC1 : NO WXR1 CH Z DATA	344133		1	34-ECAM
MC1 : NO WXR1 CH1 DATA	344133		_	
MC1 : NO WXR1 CHI DATA			1	34-ECAM
	344133		1	34-CFDS
MC1 : NO WXR2 DATA MC1 : POSITION PIN	344133 316334		1	34-CFDS
MC1 : POSITION PIN MC1 : PROGRAM PIN			2	31-CFDS
	316334		2	31-CFDS
MC1 : RECONF WIRING	316334		2	31-CFDS
MC1 :NO WXR1/2 CH1 DATA	341133		1	34-CFDS
MC1 :NO WXR1/2 CH1 DATA	341133		1	34-ECAM
MC1 :NO WXR1/2 CH2 DATA	314133		1	31-CFDS
MC1 :NO WXR1/2 CH2 DATA	314133		1	34-ECAM
MC1(1WT1)/DDRMI(1FN)/ VOR1(3RS1)	316234	VOR 1	1	34-EFIS

EFF: ALL

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#### TROUBLE SHOOTING MANUAL

FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
MC1(1WT1)/DDRMI(1FN)/ VOR1(3RS1)	316234		1	34-LOCAL
MC1(1WT1)/ILS1(2RT1)	316234	ILS 1	1	31-CFDS
MC1(1WT1)/ILS1(2RT1)	316234	ILS 1	1	34-0BSV
MC1(1WT1)/MMR1(40RT1)	316234	MMR 1	1	34-0BSV
MC1-DU ND1 LINK	316322	EIS 1	1	31-CFDS
MC1-DU PFD1 LINK	316322	EIS 1	1	31-CFDS
MC1/2(1WT1/2)/ DDRMI(1FN)/DME1(2SD1)	316234	DME 1	1	34-EFIS
MC1/2(1WT1/2)/ DDRMI(1FN)/DME1(2SD1)	316234	DME 1	1	34-LOCAL
MC1/2/3(1WT1/2/3) /GPWC(100SG)	316334	GPWC	3	31-CFDS
MC1/2/3(1WT1/2/3)/ DDRMI(1FN)/ADF1(2RP1)	316234	ADF 1	1	34-EFIS
MC1/2/3(1WT1/2/3)/ DDRMI(1FN)/ADF1(2RP1)	316234	ADF 1	1	34-LOCAL
MC1/2/3(1WT1/2/3)/ DDRMI(1FN)/ADF2(2RP2)	316234	ADF 2	1	34-EFIS
MC1/2/3(1WT1/2/3)/ DDRMI(1FN)/ADF2(2RP2)	316234		1	34-LOCAL
MC1/2/3(1WT1/2/3)/ WXR1(1SQ1)		RADAR 1	=	34-0BSV
MC1/2/3(1WT1/2/3)/ WXR2(1SQ2)		RADAR 2		34-0BSV
MC2	316334		1	31-CFDS
MC2	316334		1	31-ECAM
MC2	316334		1	22-EFIS
MC2	316334		1	31-CFDS
MC2	316334		1	31-ECAM
MC2 (1WT2) / DMU (1TV)	316334		3	31-CFDS
MC2 -DU ECAM1 LINK	316334		2	31-CFDS
MC2 -DU ECAMI LINK MC2 -DU ECAM2 LINK	316322		2	
				31-CFDS
MC2 -DU ND2 LINK	316322		2	31-CFDS
MC2 -DU PFD2 LINK	316322		2	31-CFDS
MC2 : ALT DSPLY ERR	316334		1	31-CFDS
MC2 : ATT DSPLY ERR	316334		1	31-CFDS
MC2 : DU ECAM1 POS. PIN	316334		2	31-CFDS
MC2 : DU ECAM2 POS. PIN	316322		2	31-CFDS
MC2 : DU ND2 POS. PIN	316322		2	31-CFDS
MC2 : DU PFD2 POS. PIN	316322		2	31-CFDS
MC2 : ENG1 EGT DSPLY ERR	316334		1	31-CFDS
MC2 : ENG1 FF DSPLY ERR	316334		1	31-CFDS
MC2 : ENG1 N1 DSPLY ERR	316334		1	31-CFDS
MC2 : ENG1 N2 DSPLY ERR	316334		1	31-CFDS
MC2 : ENG2 EGT DSPLY ERR	316334		1	31-CFDS
MC2 : ENG2 FF DSPLY ERR		EIS 2	1	31-CFDS
MC2 : ENG2 N1 DSPLY ERR	316334		1	31-CFDS
MC2 : ENG2 N2 DSPLY ERR	316334	EIS 2	1	31-CFDS
MC2 : NO ADC2 DATA	341234	EIS 2	1	27-ECAM
MC2 : NO ADC2 DATA	341234	EIS 2	1	34-CFDS
MC2 : NO ADC2 DATA	341234	EIS 2	1	34-ECAM
MC2 : NO ADC3 DATA	341234	EIS 2	1	27-ECAM
MC2 : NO ADC3 DATA	341234		1	34-CFDS
MC2 : NO ADC3 DATA	341234		1	34-ECAM
MC2 : NO ADF1 DATA	345331		2	34-CFDS
MC2 : NO ADF2 DATA	345331		2	34-CFDS
			_	

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

FDS MESS	AGES	ATA	SOURCE	CLASS	CH-PB101
	ATC2 DATA	345233	EIS 2	2	34-CFDS
	CFDIU DATA	313234	EIS 2	2	31-ECAM
	CHECK ATT MSG	316334	EIS 2	1	31-CFDS
MC2 : NO	DMCHS3 DATA	316334	EIS 2	2	31-CFDS
MC2 : NO	DMCLS3 DATA	316334	EIS 2	2	31-CFDS
MC2 : NO	DME1 DATA	345133	EIS 2	2	34-CFDS
MC2 : NO	DME2 DATA	345133	EIS 2	2	34-CFDS
MC2 : NO	ECP DATA	316112	EIS 2	2	31-CFDS
MC2 : NO	ECU1A DATA	732160	EIS 2	1	22-ECAM
MC2 : NC	ECU1A DATA	732160	EIS 2	1	73-CFDS
MC2 : NO	ECU1A DATA	732160	EIS 2	1	77-ECAM
MC2 : NO	ECU1B DATA	732160	EIS 2	1	22-ECAM
MC2 : NO	ECU1B DATA	732160	EIS 2	1	73-CFDS
	ECU1B DATA	732160	EIS 2	1	77-ECAM
	ECU2A DATA	732160		1	22-ECAM
	ECUZA DATA	732160		1	73-CFDS
	ECUZA DATA	732160		1	77-ECAM
	ECU2B DATA	732160		1	22-ECAM
	ECU2B DATA	732160		1	73-CFDS
	ECU2B DATA	732160		1	77-ECAM
	EEC1A DATA	732234		2	73-CFDS
	EEC1B DATA	732234		2	73-CFDS
	EEC2A DATA	732234		2	73-CFDS
	EEC2B DATA	732234		2	73-CFDS
	FAC1 DATA	226634		1	22-CFDS
	FAC2 DATA	226634		1	22-CFDS
	FCDC1 DATA	279534		1	27-CFDS
	FCDC2 DATA	279534			27-CFDS
	FCU 2 A DATA	228134		1	27-CFDS
	FCU 2 B DATA			1	
		228134		1	22-CFDS
	FGC1 DATA	228334		2	22-CFDS
	FGC2 DATA	228334		2	22-CFDS
	FMC1 DATA	228334		1	22-CFDS
	FMC1 DATA	228334		1	22-ECAM
	FMC2 DATA		EIS 2	1	22-CFDS
	FMC2 DATA	228334		1	22-ECAM
	FQI1 DATA	284234		2	28-CFDS
	FQI2 DATA	284234		2	28-CFDS
	FWC1 DATA	315334		1	31-CFDS
	FWC1 MSG	315334		1	31-CFDS
	FWC2 DATA	315334		1	31-CFDS
	FWC2 MSG	315334		1	31-CFDS
	ILS1 DATA	343631		1	34-CFDS
	ILS1 DATA	343631		1	34-ECAM
	ILS1 DATA	343631		1	34-EFIS
	ILS2 DATA	343631		1	34-CFDS
MC2 : NO	ILS2 DATA	343631	EIS 2	1	34-ECAM
MC2 - NO	ILS2 DATA	343631	FIS 2	1	34-EFIS

EFF: ALL

**I-CFDS** 

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CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
DMC2 : NO IRS2 DATA		EIS 2		
DMC2 : NO IRS2 DATA	341234	EIS 2	1	34-CFDS
DMC2 : NO IRS2 DATA	341234	EIS 2	1	34-ECAM
MC2 : NO IRS3 DATA	341234	EIS 2	1	34-ECAM 34-CFDS 34-ECAM
MC2 : NO IRS3 DATA	341234	EIS 2	1	34-ECAM
MC2 : NO IRS3 DATA	341234	EIS 2	1	34-EFIS
MC2 : NO LGCIU1 DATA				32-CFDS
MC2 : NO LGCIU2 DATA				32-CFDS
MC2 : NO MMR1 DATA	343631	EIS 2	1	34-CFDS
MC2 : NO MMR1 DATA	343631	EIS 2	1	34-ECAM
MC2 : NO MMR1 DATA	343631	EIS 2	1	34-EFIS
MC2 : NO MMR2 DATA	343631	EIS 2	1	34-CFDS
MC2 : NO MMR2 DATA	343631	EIS 2	1	34-ECAM
MC2 : NO MMR2 DATA	343631	EIS 2	1	34-EFIS
MC2 : NO RA1 DATA	344233	EIS 2	1	34-CFDS
MC2 : NO RA1 DATA	344233	EIS 2	1	34-ECAM
MC2 : NO RA2 DATA	344233	EIS 2	1	34-CFDS
MC2 : NO SDAC1 DATA	315534	EIS 2	1	31-CFDS
MC2 : NO SDAC2 DATA	315534	EIS 2	1	31-CFDS
MC2 : NO TCAS DATA	344300	EIS 2	1	34-CFDS
MC2 : NO TCAS DATA	344300	EIS 2	1	34-ECAM
MC2 : NO TCAS DATA	344300	EIS 2	1	34-EFIS
MC2 : NO VOR1 DATA				34-CFDS
MC2 : NO VOR2 DATA				34-CFDS
MC2 : NO WXR1 CH1 DATA	344133	EIS 1	1	34-CFDS
MC2 : NO WXR1 CH1 DATA	344133	EIS 1	1	34-ECAM
MC2 : NO WXR1 CH2 DATA	344133	EIS 2	1	34-CFDS
	344133	EIS 2	1	34-ECAM
MC2 : NO WXR1 DATA				34-CFDS
MC2 : POSITION PIN				31-CFDS
MC2 : PROGRAM PIN				31-CFDS
MC2 : RECONF WIRING				31-CFDS
	344133			
MC2 :NO WXR1/2 CH1 DATA		EIS 1		34-ECAM
MC2 :NO WXR1/2 CH2 DATA	344133		1	34-CFDS
MC2 :NO WXR1/2 CH2 DATA	344133		1	34-ECAM
MC2(1WT2)/DDRMI(1FN)/ VOR2(3RS2)	316234		1	34-EFIS
MC2(1WT2)/DDRMI(1FN)/ VOR2(3RS2)	316234		1	34-LOCAL
MC2(1WT2)/ILS2(2RT2)	316234		1	31-CFDS
MC2(1WT2)/ILS2(2RT2)	316234		1	34-0BSV
MC2(1WT2)/MMR2(40RT2)	316234		1	34-0BSV
MC2/1(1WT2/1)/ DDRMI(1FN)/DME2(2SD2)	316234		1	34-EFIS
MC2/1(1WT2/1)/ DDRMI(1FN)/DME2(2SD2)	316234		1	34-LOCAL
MC3	316334		1	31-CFDS
MC3	316334		1	31-ECAM
MC3	316334		1	31-CFDS
MC3	316334		1	31-ECAM
MC3	316334	EIS 3	1	22-EFIS

EFF: ALL

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#### TROUBLE SHOOTING MANUAL

CFDS	MESSAGES	ATA	SOURCE	CLASS	CH-PB101
	-DU ECAM1 LINK		EIS 3		31-CFDS
DMC3	-DU ECAM2 LINK	316322	EIS 3	2	31-CFDS
	-DU ND1 LINK	316322		1	31-CFDS
	-DU ND2 LINK	316322		2	31-CFDS
	-DU PFD1 LINK	316322		1	31-CFDS
	-DU PFD2 LINK	316322		2	31-CFDS
	: ALT DSPLY ERR	316334		1	31-CFDS
	: ATT DSPLY ERR	316334		1	31-CFDS
	: DU ECAM1 POS. PIN	316322		2	31-CFDS
	: DU ECAM2 POS. PIN	316322		2	31-CFDS
	: DU ND1 POS. PIN	316322		1	31-CFDS
	: DU ND2 POS. PIN	316322		2	31-CFDS
	: DU PFD1 POS. PIN	316322		1	31-CFDS
	: DU PFD2 POS. PIN	316322		2	31-CFDS
	: ENG1 EGT DSPLY ERR	316334		1	31-CFDS
	: ENG1 FF DSPLY ERR	316334		1	31-CFDS
	: ENG1 N1 DSPLY ERR	316334		1	31-CFDS
	: ENG1 N2 DSPLY ERR	316334		1	31-CFDS
	: ENG2 EGT DSPLY ERR	316334		1	31-CFDS
DMC3	: ENG2 FF DSPLY ERR	316334		1	31-CFDS
DMC3	: ENG2 N1 DSPLY ERR	316334	EIS 3	1	31-CFDS
DMC3	: ENG2 N2 DSPLY ERR	316334	EIS 3	1	31-CFDS
DMC3	: NO ADC1 DATA	341234	EIS 3	1	27-ECAM
DMC3	: NO ADC1 DATA	341234	EIS 3	1	34-CFDS
DMC3	: NO ADC1 DATA	341234	EIS 3	1	34-ECAM
DMC3	: NO ADC2 DATA	341234	EIS 3	1	27-ECAM
DMC3	: NO ADC2 DATA	341234	EIS 3	1	34-CFDS
DMC3	: NO ADC2 DATA	341234	EIS 3	1	34-ECAM
DMC3	: NO ADC3 DATA	341234	EIS 3	1	27-ECAM
DMC3		341234		1	34-CFDS
DMC3	: NO ADC3 DATA	341234	EIS 3	1	34-ECAM
DMC3	: NO ADF1 DATA	345331	EIS 3	2	34-CFDS
DMC3		345331		2	34-CFDS
DMC3		345233		2	34-CFDS
DMC3	: NO ATC2 DATA	345233	EIS 3	2	34-CFDS
DMC3	: NO CFDIU DATA	313234	EIS 3	2	77-ECAM
DMC3	: NO CHECK ATT MSG	316334	EIS 3	1	31-CFDS
DMC3	: NO DME1 DATA	345133	EIS 3	2	34-CFDS
DMC3	: NO DME2 DATA	345133	EIS 3	2	34-CFDS
DMC3	: NO ECP DATA	316112	EIS 3	2	31-CFDS
DMC3	: NO ECU1A DATA	732160	EIS 3	1	22-ECAM
DMC3	: NO ECU1A DATA	732160	EIS 3	1	73-CFDS
DMC3	: NO ECU1A DATA	732160	EIS 3	1	77-ECAM
DMC3	: NO ECU1B DATA	732160	EIS 3	1	22-ECAM
DMC3	: NO ECU1B DATA	732160	EIS 3	1	73-CFDS
DMC3	: NO ECU2A DATA	732160	EIS 3	1	22-ECAM
	: NO ECU2A DATA	732160		1	73-CFDS
	: NO ECU2A DATA	732160		1	77-ECAM

EFF: ALL

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#### TROUBLE SHOOTING MANUAL

FDS I	MESSAGES	ATA	SOURCE	CLASS	CH-PB101
	: NO ECU2B DATA	732160		1	22-ECAM
	: NO ECU2B DATA	732160		1	73-CFDS
MC3		732234		1	73-CFDS
MC3		732234		1	73-CFDS
MC3		732234		1	73-CFDS
MC3		732234		1	73-CFDS
MC3		226634		1	22-CFDS
MC3		226634		1	22-CFDS
MC3		279534		1	27-CFDS
MC3		279534		1	27-CFDS
MC3	: NO FCU 1 A DATA	228134	EIS 3	1	22-CFDS
MC3	: NO FCU 1 B DATA	228134	EIS 3	1	22-CFDS
MC3	: NO FCU 2 A DATA	228134	EIS 3	1	22-CFDS
MC3	: NO FCU 2 B DATA	228134	EIS 3	1	22-CFDS
MC3	: NO FGC1 DATA	228334	EIS 3	2	22-CFDS
MC3	: NO FGC2 DATA	228334	EIS 3	2	22-CFDS
MC3	: NO FMC1 DATA	228334	EIS 3	1	22-CFDS
MC3	: NO FMC1 DATA	228334	EIS 3	1	22-ECAM
MC3	: NO FMC2 DATA	228334	EIS 3	1	22-CFDS
MC3	: NO FMC2 DATA	228334	EIS 3	1	22-ECAM
MC3	: NO FQI1 DATA	284234	EIS 3	2	28-CFDS
MC3	: NO FQI2 DATA	284234	EIS 3	2	28-CFDS
MC3	: NO FWC1 DATA	315334	EIS 3	1	31-CFDS
MC3	: NO FWC1 MSG	315334	EIS 3	1	31-CFDS
MC3	: NO FWC2 DATA	315334	EIS 3	1	31-CFDS
MC3	: NO FWC2 MSG	315334	EIS 3	1	31-CFDS
MC3	: NO ILS1 DATA	343631	EIS 3	1	34-CFDS
MC3	: NO ILS1 DATA	343631		1	34-ECAM
MC3	: NO ILS1 DATA	343631		1	34-EFIS
MC3	: NO ILS2 DATA	343631		1	34-CFDS
MC3	: NO ILS2 DATA	343631		1	34-ECAM
MC3		343631		1	34-EFIS
MC3		341234		1	27-ECAM
MC3		341234		1	34-CFDS
MC3	: NO IRS1 DATA	341234	EIS 3	1	34-ECAM
	: NO IRS1 DATA	341234		1	34-EFIS
	: NO IRS2 DATA	341234		1	27-ECAM
	: NO IRS2 DATA	341234		1	34-CFDS
	: NO IRS2 DATA	341234		1	34-ECAM
	: NO IRS2 DATA	341234		1	34-EFIS
	: NO IRS3 DATA	341234		1	27-ECAM
	: NO IRS3 DATA	341234		1	34-CFDS
	: NO IRS3 DATA	341234		1	34-ECAM
	NO LGCIU1 DATA	323171		1	32-CFDS
	NO LGCIU2 DATA	323171		1	32-CFDS
	NO MMR1 DATA	343631		1	34-CFDS
	NO MMR1 DATA	343631		1	34-ECAM
	· ····································		EIS 3	•	34-EFIS

EFF: ALL

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA SOURCE	CLASS	CH-PB101
DMC3 : NO MMR2 DATA	343631 EIS 3	1	34-CFDS
DMC3 : NO MMR2 DATA	343631 EIS 3	1	34-ECAM
DMC3 : NO MMR2 DATA	343631 EIS 3	1	34-EFIS
DMC3 : NO RA1 DATA	344233 EIS 3	1	34-CFDS
DMC3 : NO RA1 DATA	344233 EIS 3	1	34-ECAM
DMC3 : NO RA2 DATA	344233 EIS 3	1	34-CFDS
DMC3 : NO RA2 DATA	344233 EIS 3	1	34-ECAM
DMC3 : NO SDAC1 DATA	315534 EIS 3	1	31-CFDS
DMC3 : NO SDAC2 DATA	315534 EIS 3	1	31-CFDS
DMC3 : NO TCAS DATA	344300 EIS 3	1	34-CFDS
DMC3 : NO TCAS DATA	344300 EIS 3	1	34-ECAM
DMC3 : NO VOR1 DATA	345531 EIS 3	2	34-CFDS
DMC3 : NO VOR2 DATA	345531 EIS 3	2	34-CFDS
DMC3 : NO WXR1 CH1 DATA	344133 EIS 3	1	34-CFDS
DMC3 : NO WXR1 CH1 DATA	344133 EIS 3	1	34-ECAM
MC3 : NO WXR1 CH2 DATA	344133 EIS 3	1	34-CFDS
MC3 : NO WXR1 CH2 DATA	344133 EIS 3	1	34-ECAM
MC3 : NO WXR1 DATA	344133 EIS 3	1	34-CFDS
MC3 : POSITION PIN	316334 EIS 3	2	31-CFDS
MC3 : PROGRAM PIN	316334 EIS 3	2	31-CFDS
MC3 : RECONF WIRING	316334 EIS 3	2	31-CFDS
MC3 :NO WXR1/2 CH1 DATA	344133 EIS 3	1	34-CFDS
MC3 :NO WXR1/2 CH1 DATA	344133 EIS 3	1	34-ECAM
MC3 :NO WXR1/2 CH2 DATA	344133 EIS 3	1	34-CFDS
MC3 :NO WXR1/2 CH2 DATA	344133 EIS 3	1	34-ECAM
ME1 ANTENNA (3SD1)	345111 DME 1	1	34-EFIS
ME1 ANTENNA (3SD1)	345111 DME 1	1	34-LOCAL
ME1(2SD1)	345133 DME 1	1	34-CFDS
ME1(2SD1)	345133 DME 1	1	34-EFIS
ME1(2SD1)	345133 DME 1	1	34-LOCAL
ME2 ANTENNA (3SD2)	345111 DME 2	1	34-EFIS
ME2 ANTENNA (3SD2)	345111 DME 2	1	34-LOCAL
ME2(2SD2)	345133 DME 2	1	34-CFDS
ME2(2SD2)	345133 DME 2	1	34-EFIS
ME2(2SD2)	345133 DME 2	1	34-LOCAL
MU	313634 DMU	2	31-ECAM
MU	313634 DMU	3	31-CFDS
DMU	313634 DMU	3	31-ECAM
MU (1TV)/ ACARS MU (1RB)	313634 ACARSMU		31-CFDS
MU BATTERY	313634 DMU	3	31-ECAM
MU PCMCIA MEDIA	313634 DMU	2	31-ECAM
MU PCMCIA MEDIA DISK ACCESS ERROR	313634 DMU	2	31-ECAM
MU PCMCIA MEDIA DISK FORMATE ERROR	313634 DMU	2	31-ECAM
MU PCMCIA MEDIA DISK FULL	313634 DMU	2	31-ECAM
MU PCMCIA MEDIA INVALID PCMCIA MEDIA	313634 DMU	2	31-ECAM
MU PCMCIA MEDIA NO DISK INSERTED	313634 DMU	2	31-ECAM
MU(1TV)/ATSU1(1TX1)	313634 ACARSMU		31-CFDS
MU(1TV)/ATSU1(1TX1)	313634 ATSU	3	31-CFDS

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FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
MU(1TV)/MDDU(1TD)		MDDU		31-CFDS
OOR BOTTLE AFT L		CIDS 1		52-CFDS
OOR BOTTLE AFT R	521000	CIDS 1	1	52-CFDS
OOR BOTTLE EXIT L	521000	CIDS 1	1	52-CFDS
OOR BOTTLE EXIT R	521000	CIDS 1	1	52-CFDS
OOR BOTTLE FWD L	521000	CIDS 1	1	52-CFDS
OOR BOTTLE FWD R	521000	CIDS 1	1	52-CFDS
OOR BOTTLE MID L		CIDS 1		52-CFDS
OOR BOTTLE MID R	521000	CIDS 1	1	52-CFDS
P XDCR P24/PT XDCR P23/ SURGE CONTROL VALVE	495116	APU	1	49-ECAM
PLSTW SW, J5/J6, ECU ENG1A PLSTW SW, J5/J6, ECU ENG1B PLSTW SW, J5/J6, ECU ENG2A PLSTW SW, J5/J6, ECU ENG2B PRAINMAST HEATER AFT PRAINMAST UNIT AFT PRAINMAST UNIT FWD PRIFT REG-PRESS XDCR 8HA1 PRIFT REG-PRESS XDCR 8HA2 PRIFT TRANSF-PRESS XDCR 7HA1 PRIFT TRANSF-PRESS XDCR 7HA1	783100	EIU1FAD	1	77-ECAM
PLSTW SW, J5/J6, ECU ENG1B	783100	EIU1FAD	1	77-ECAM
PLSTW SW, J5/J6, ECU ENG2A	783100	EIU2FAD	1	77-ECAM
PLSTW SW, J5/J6, ECU ENG2B	783100	EIU2FAD	1	77-ECAM
RAINMAST HEATER AFT	307151	CIDS 1	1	23-LOCAL
RAINMAST HEATER FWD	307151	CIDS 1	1	23-LOCAL
RAINMAST UNIT AFT	307134	CIDS 1	1	23-LOCAL
RAINMAST UNIT FWD	307134	CIDS 1	1	23-LOCAL
RIFT REG-PRESS XDCR 8HA1	361116	BMC 1	3	36-CFDS
RIFT REG-PRESS XDCR 8HA2	361116	BMC 2	3	36-CFDS
RIFT TRANSF-PRESS XDCR 7HA1	361115	BMC 1		36-CFDS
RIFT TRANSF-PRESS XDCR 7HA1	361116	BMC 1	3	36-CFDS
RIFT TRANSF-PRESS XDCR 7HA2	361115	BMC 2	3	36-CFDS
RIFT TRANSF-PRESS XDCR 7HA2	361116	BMC 2	3	36-CFDS
U ECAM1	316322	EIS 1	2	31-CFDS
U ECAM1	316322	EIS 3	1	31-CFDS
U ECAM2	316322	EIS 2	2	31-CFDS
U ECAM2	316322	EIS 3	1	31-CFDS
U ND1	316322	EIS 1	2	31-CFDS
U ND1	316322	EIS 3	1	31-CFDS
U ND2	316322	EIS 2	2	31-CFDS
U ND2	316322	EIS 3	1	31-CFDS
U PFD1	316322	EIS 1	2	31-CFDS
U PFD1	316322	EIS 3	1	31-CFDS
U PFD2	316322	EIS 2	2	31-CFDS
U PFD2	316322		1	31-CFDS
UCT TEMP SENSOR 26HQ	212612	AEVC	1	21-ECAM
UCT TEMP SENSOR 26HQ	212612	AEVC	3	21-CFDS
UMMY SENSOR 6QJ	284615	FUEL	3	28-CFDS
UMMY TEMP SENSOR 41QJ	284617	FUEL	3	28-CFDS
UMMY TEMP SENSOR 42QJ	284617		3	28-CFDS
CB (59KD)	496134		1	49-CFDS
CB (59KD)	496134		1	49-ECAM
CB (59KD)	496134		2	49-ECAM
CB (59KD)	496134		3	49-CFDS
CB (59KD) / DMU (1TV)	496134		3	49-CFDS
CB (59KD) / FDIMU (10TV)	496134		3	49-CFDS
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EFF: ALL

SROS

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

ECB 59KD 496134 ECB 59KD 7 APU HARNESS (8001KM) 496134 ECB 59KD 0R APU HARNESS 496134 ECB 59KD 0R COOLING FAN/PMG ASSY 496134 ECB 59KD 0R FAN/PMG ASSY 0R FUEL CTL UNIT P19 496134 ECB 59KD 0R SPEED SNSR P26 496134 ECB 59KD 0R SPEED SNSR P27 496134 ECB 59KD 0R SPEED SNSR P27 496134 ECCP : NO DATA FROM DMC1 0R 3 316334 ECCP : NO DATA FROM DMC1 0R 3 316334 ECCP : NO DATA FROM DMC1 0R 3 316334 ECCP : NO DATA FROM DMC1 0R 3 316334 ECCP : NO DATA FROM DMC2 0R 3 316334 ECCP : NO DATA FROM DMC2 0R 3 316334 ECCP : NO DATA FROM DMC2 0R 3 316334 ECCP : NO DATA FROM DMC2 0R 3 316334 ECCP : NO DATA FROM DMC2 0R 3 316334 ECCP : NO DATA FROM DMC2 0R 3 316334 ECCP : NO DATA FROM DMC2 0R 3 316334 ECCP (ACI FAULT) ENGIN MC2 0R 3 316334 ECCP (ACI FAULT) ENGIN MC2 0R 3 316334 ECCU (ACI FAULT) ENGIN MC2 0R 3 316344 ECCU (A			CH-PB10
ECB 59KD ECB 59KD ECB 59KD ECB 59KD ECB 59KD 496134 ECB 59KD ECB 58 ECB 59KD ECB 59KD ECB 59KD ECB 59KD ECB 59KD ECB 59KD ECB 58 ECB 59KD ECB 50K ECB	APU		49-ECAM
ECB 59KD	APU	1	49-CFDS
### ### ### ### ### ### ### ### ### ##	APU	1	49-ECAM
ECB 59KD / APU HARNESS (8001KM)  ECB 59KD OR APU HARNESS  ECB 59KD OR COOLING FAN/PMG ASSY  ECB 59KD OR COOLING FAN/PMG ASSY  ECB 59KD OR FAN/PMG ASSY OR FUEL CTL UNIT P19  ECB 59KD OR SPEED SNSR P26  ECB 59KD OR SPEED SNSR P27  ECP  ECP  S16134  ECP: NO DATA FROM DMC1 OR 3  ECP: NO DATA FROM DMC2 OR 3  ECP(2WN)/GPWC(100SG)  ECP(6WT)/GPWC (1WZ)  ECP(6WT)/GPWC (1WZ)  ECP(6WT)/GPWC (1WZ)  ECP(6WT)/GPWC (1OSG)  ECU (ACI FAULT) ENG1A  ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ADC1 INTFC)  ECU (ADC1 INTFC) ENG1B  ECU (ADC1 INTFC) ENG2A  T3216C  ECU (ADC1 INTFC) ENG2B  ECU (ADC2 INTFC)	APU	2	49-ECAM
### ### ### ### ### ### ### ### ### ##	APU	3	49-CFDS
### ### ### ### ### ### ### ### ### ##	APU	1	49-CFDS
ECB 59KD OR SPEED SNSR P26 ECB 59KD OR SPEED SNSR P27 496134 ECCP ECCP 316134 ECCP : NO DATA FROM DMC1 OR 3 ECCP : NO DATA FROM DMC2 OR 3 ECCP (2WN)/GPWC (100SG) ECCP (6WT)/GPWC (100SG) ECCP (6WT)/GPWC (100SG) ECCU (ACI FAULT) ENG1A ECU (ACI FAULT) ENG1B ECU (ACI FAULT) ENG1B ECU (ACI FAULT) ENG2B ECU (ACI FAULT) ENG4 ECU (ACI FAULT) ENG2B ECU (ACI TAULT) ENG1B ECU (ACI TAULT) ENG2B ECU (ACI TAULT) ENG2B ECU (ACI TAULT) ENG2B ECU (ACI TAULT) ENG1A T32160 ECU (ADC1 INTFC) ECU (ADC1 INTFC) ENG1A T32160 ECU (ADC1 INTFC) ENG1A T32160 ECU (ADC1 INTFC) ENG1B ECU (ADC1 INTFC) ENG1B ECU (ADC1 INTFC) ENG1B ECU (ADC1 INTFC) ENG2A ECU (ADC1 INTFC) ENG2B ECU (ADC2 INTFC)	APU	1	49-CFDS
ECB 59KD OR SPEED SNSR P26 ECB 59KD OR SPEED SNSR P27 496134 ECCP ECCP 316134 ECCP : NO DATA FROM DMC1 OR 3 ECCP : NO DATA FROM DMC2 OR 3 ECCP (2WN)/GPWC (100SG) ECCP (6WT)/GPWC (100SG) ECCP (6WT)/GPWC (100SG) ECCU (ACI FAULT) ENG1A ECU (ACI FAULT) ENG1B ECU (ACI FAULT) ENG1B ECU (ACI FAULT) ENG2B ECU (ACI FAULT) ENG4 ECU (ACI FAULT) ENG2B ECU (ACI TAULT) ENG1B ECU (ACI TAULT) ENG2B ECU (ACI TAULT) ENG2B ECU (ACI TAULT) ENG2B ECU (ACI TAULT) ENG1A T32160 ECU (ADC1 INTFC) ECU (ADC1 INTFC) ENG1A T32160 ECU (ADC1 INTFC) ENG1A T32160 ECU (ADC1 INTFC) ENG1B ECU (ADC1 INTFC) ENG1B ECU (ADC1 INTFC) ENG1B ECU (ADC1 INTFC) ENG2A ECU (ADC1 INTFC) ENG2B ECU (ADC2 INTFC)	APU	1	49-ECAM
ECB 59KD OR SPEED SNSR P26 ECB 59KD OR SPEED SNSR P27 496134 ECCP ECCP 316134 ECCP : NO DATA FROM DMC1 OR 3 ECCP : NO DATA FROM DMC2 OR 3 ECCP (2WN)/GPWC (100SG) ECCP (6WT)/GPWC (100SG) ECCP (6WT)/GPWC (100SG) ECCU (ACI FAULT) ENG1A ECU (ACI FAULT) ENG1B ECU (ACI FAULT) ENG1B ECU (ACI FAULT) ENG2B ECU (ACI FAULT) ENG4 ECU (ACI FAULT) ENG2B ECU (ACI TAULT) ENG1B ECU (ACI TAULT) ENG2B ECU (ACI TAULT) ENG2B ECU (ACI TAULT) ENG2B ECU (ACI TAULT) ENG1A T32160 ECU (ADC1 INTFC) ECU (ADC1 INTFC) ENG1A T32160 ECU (ADC1 INTFC) ENG1A T32160 ECU (ADC1 INTFC) ENG1B ECU (ADC1 INTFC) ENG1B ECU (ADC1 INTFC) ENG1B ECU (ADC1 INTFC) ENG2A ECU (ADC1 INTFC) ENG2B ECU (ADC2 INTFC)	APU	1	49-ECAM
ECCP ECCP ECCP ECCP ECCP ECCP ECCP ECCP	APU	2	49-ECAM
ECCP : NO DATA FROM DMC1 OR 3 ECP : NO DATA FROM DMC2 OR 3 ECP : NO DATA E	APU		49-ECAM
ECCP : NO DATA FROM DMC1 OR 3 316134 ECP : NO DATA FROM DMC1 OR 3 316334 ECP : NO DATA FROM DMC1 OR 3 316334 ECP : NO DATA FROM DMC1 OR 3 316334 ECP : NO DATA FROM DMC1 OR 3 316334 ECP : NO DATA FROM DMC2 OR 3 316334 ECP : NO DATA FROM DMC2 OR 3 316334 ECP : NO DATA FROM DMC2 OR 3 316334 ECP : NO DATA FROM DMC2 OR 3 316334 ECP : NO DATA FROM DMC2 OR 3 316334 ECP : NO DATA FROM DMC2 OR 3 316334 ECP : NO DATA FROM DMC2 OR 3 316334 ECP : ECP : NO DATA FROM DMC2 OR 3 316334 ECP : NO DATA FROM DMC2 OR 3 316334 ECP : OR DATA FROM DMC2 OR 3 316034 ECP : OR DATA FROM DMC2 OR 3 316034 ECP : OR DATA FROM DMC2	ECAM 1	1	31-CFDS
ECP : NO DATA FROM DMC1 OR 3  ECP : NO DATA FROM DMC2 OR 3  ECP :	ECAM 2		31-CFDS
ECP : NO DATA FROM DMC1 OR 3  ECP : NO DATA FROM DMC2 OR 3  ECP (2WN)/GPWC(100SG)  ECP (6WT)/GPWC (1WZ)  ECP (6WT)/GPWC (100SG)  ECU (ACI FAULT) ENG1A  ECU (ACI FAULT) ENG1A  ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG2A  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG1A  ECU (ACI FAULT) ENG2B  ECU (ACI TOTALL) ENG1A  ECU (ACI FAULT) ENG2B  ECU (ACI TOTALL) ENG1A  ECU (ACI FAULT) ENG2B  ECU (ACI TOTALL) ENG1B  ECU (ACI TOTALL) ENG2B  ECU (ACI TOTALL) ENG1B  ECU (ACI TOTALL) ENG2B  ECU	ECAM 1		31-CFDS
ECP : NO DATA FROM DMC1 OR 3 ECP : NO DATA FROM DMC1 OR 3 ECP : NO DATA FROM DMC2 OR 3 ECP : NO DATA FR	ECAM 1	1	31-ECAM
ECP : NO DATA FROM DMC1 OR 3  ECP : NO DATA FROM DMC2 OR 3  ECP :	ECAM 2	1	31-CFDS
ECP : NO DATA FROM DMC2 OR 3  ECP :	ECAM 2	1	31-ECAM
ECP : NO DATA FROM DMC2 OR 3  ECP (2WN)/GPWC (100SG)  ECP (6WT)/GPWC (1WZ)  ECP (6WT)/GPWC (100SG)  ECU (ACI FAULT) ENG1A  ECU (ACI FAULT) ENG1A  ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG2A  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ADC1 INTFC)  ECU (ADC1 INTFC) ENG1A  ECU (ADC1 INTFC) ENG1B  ECU (ADC1 INTFC) ENG2A  ECU (ADC1 INTFC) ENG2B  ECU (ADC2 INTFC)	ECAM 1	1	31-CFDS
ECP : NO DATA FROM DMC2 OR 3  ECP : NO DATA FROM DMC2 OR 3  ECP(2WN)/GPWC(10OSG)  ECP(6WT)/GPWC (1WZ)  ECP(6WT)/GPWC (1WZ)  ECU (ACI FAULT) ENG1A  ECU (ACI FAULT) ENG1A  ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG2A  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ADC1 INTFC)  ECU (ADC1 INTFC) ENG1A  T32160  ECU (ADC1 INTFC) ENG1B  ECU (ADC1 INTFC) ENG2A  ECU (ADC1 INTFC) ENG2B  ECU (ADC2 INTFC)	FCAM 1	1	31-ECAM
ECP : NO DATA FROM DMC2 OR 3  ECP(2WN)/GPWC(100SG)  ECP(6WT)/GPWC (1WZ)  ECP(6WT)/GPWC (1WZ)  ECP(6WT)/GPWC(100SG)  ECU (ACI FAULT) ENG1A  ECU (ACI FAULT) ENG1A  ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG2A  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ADC1 INTFC)  ECU (ADC1 INTFC) ENG1A  ECU (ADC1 INTFC) ENG1B  ECU (ADC1 INTFC) ENG2A  ECU (ADC1 INTFC) ENG2B  ECU (ADC2 INTFC)	FCAM 2	1	31-CFDS
ECP(2WN)/GPWC(100SG)  ECP(6WT)/GPWC (1WZ)  ECP(6WT)/GPWC (100SG)  ECU (ACI FAULT) ENG1A  ECU (ACI FAULT) ENG1A  ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG2A  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG1A  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ADC1 INTFC)  ECU (ADC1 INTFC) ENG1A  ECU (ADC1 INTFC) ENG1B  ECU (ADC1 INTFC) ENG2B  ECU (ADC2 INTFC)	ECAM 2		31-ECAM
ECP(6WT)/GPWC (1WZ) ECP(6WT)/GPWC(100SG) ECU (ACI FAULT) ENG1A ECU (ACI FAULT) ENG1A ECU (ACI FAULT) ENG1B ECU (ACI FAULT) ENG1B ECU (ACI FAULT) ENG2A ECU (ACI FAULT) ENG2A ECU (ACI FAULT) ENG2B ECU (ACI FAULT) ENG2B ECU (ACI FAULT) ENG2B ECU (ACI FAULT) ENG2B ECU (ACI FAULT) ENG1A ECU (ADC1 INTFC) ECU (ADC1 INTFC) ECU (ADC1 INTFC) ENG1A ECU (ADC1 INTFC) ENG1B ECU (ADC1 INTFC) ENG1B ECU (ADC1 INTFC) ENG1B ECU (ADC1 INTFC) ENG1B ECU (ADC1 INTFC) ENG2A ECU (ADC1 INTFC) ENG2A ECU (ADC1 INTFC) ENG2B ECU (ADC2 INTFC)		1	34-ECAM
ECP(6WT)/GPWC(100SG)  ECU (ACI FAULT) ENG1A  ECU (ACI FAULT) ENG1A  ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG2A  ECU (ACI FAULT) ENG2A  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ADC1 INTFC)  ECU (ADC1 INTFC)  ECU (ADC1 INTFC) ENG1A  ECU (ADC1 INTFC) ENG1B  ECU (ADC1 INTFC) ENG2B  ECU (ADC2 INTFC)		1	34-ECAM
ECU (ACI FAULT) ENG1A  ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG2A  ECU (ACI FAULT) ENG2A  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ADC1 INTFC)  ECU (ADC1 INTFC)  ECU (ADC1 INTFC) ENG1A  ECU (ADC1 INTFC) ENG1B  ECU (ADC1 INTFC) ENG1B  ECU (ADC1 INTFC) ENG1B  ECU (ADC1 INTFC) ENG1B  ECU (ADC1 INTFC) ENG2B  ECU (ADC2 INTFC)	2 GPWC		34-ECAM
ECU (ACI FAULT) ENG1A  ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG2A  ECU (ACI FAULT) ENG2A  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ADC1 INTFC)  ECU (ADC1 INTFC)  ECU (ADC1 INTFC) ENG1A  ECU (ADC1 INTFC) ENG1B  ECU (ADC1 INTFC) ENG1B  ECU (ADC1 INTFC) ENG1B  ECU (ADC1 INTFC) ENG1B  ECU (ADC1 INTFC) ENG2B  ECU (ADC1 INTFC) ENG2A  ECU (ADC1 INTFC) ENG2B  ECU (ADC2 INTFC)	EIU1FAD		73-CFDS
ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG2A  ECU (ACI FAULT) ENG2A  ECU (ACI FAULT) ENG2A  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ADC1 INTFC)  ECU (ADC1 INTFC)  ECU (ADC1 INTFC) ENG1A  ECU (ADC1 INTFC) ENG1B  ECU (ADC1 INTFC) ENG1B  ECU (ADC1 INTFC) ENG1B  ECU (ADC1 INTFC) ENG1B  ECU (ADC1 INTFC) ENG2B  ECU (ADC1 INTFC) ENG2A  ECU (ADC1 INTFC) ENG2A  ECU (ADC1 INTFC) ENG2A  ECU (ADC1 INTFC) ENG2B  ECU (ADC2 INTFC)  T32160	) EIU1FAD		77-ECAM
ECU (ACI FAULT) ENG1B  ECU (ACI FAULT) ENG2A  ECU (ACI FAULT) ENG2A  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ACI FAULT) ENG2B  ECU (ADC1 INTFC)  ECU (ADC1 INTFC)  ECU (ADC1 INTFC) ENG1A  ECU (ADC1 INTFC) ENG1B  ECU (ADC1 INTFC) ENG1B  ECU (ADC1 INTFC) ENG1B  ECU (ADC1 INTFC) ENG2B  ECU (ADC1 INTFC) ENG2A  ECU (ADC1 INTFC) ENG2A  ECU (ADC1 INTFC) ENG2B	) EIU1FAD		73-CFDS
### TRANSPORT	) EIU1FAD		77-ECAM
ECU (ACI FAULT) ENG2A 732160 ECU (ACI FAULT) ENG2B 732160 ECU (ACI FAULT) ENG2B 732160 ECU (ADC1 INTFC) 732160 ECU (ADC1 INTFC) ENG1A 732160 ECU (ADC1 INTFC) ENG1A 732160 ECU (ADC1 INTFC) ENG1B 732160 ECU (ADC1 INTFC) ENG1B 732160 ECU (ADC1 INTFC) ENG1B 732160 ECU (ADC1 INTFC) ENG2A 732160 ECU (ADC1 INTFC) ENG2A 732160 ECU (ADC1 INTFC) ENG2B 732160 ECU (ADC2 INTFC) 732160	) EIU2FAD		73-CFDS
ECU (ACI FAULT) ENG2B 732160 ECU (ACI FAULT) ENG2B 732160 ECU (ADC1 INTFC) 732160 ECU (ADC1 INTFC) 732160 ECU (ADC1 INTFC) ENG1A 732160 ECU (ADC1 INTFC) ENG1B 732160 ECU (ADC1 INTFC) ENG1B 732160 ECU (ADC1 INTFC) ENG1B 732160 ECU (ADC1 INTFC) ENG2A 732160 ECU (ADC1 INTFC) ENG2A 732160 ECU (ADC1 INTFC) ENG2B 732160 ECU (ADC2 INTFC) 732160	) EIU2FAD		77-ECAM
### TRANSPORT	) EIU2FAD		73-CFDS
ECU (ADC1 INTFC) 732160 ECU (ADC1 INTFC) 732160 ECU (ADC1 INTFC) ENG1A 732160 ECU (ADC1 INTFC) ENG1A 732160 ECU (ADC1 INTFC) ENG1B 732160 ECU (ADC1 INTFC) ENG1B 732160 ECU (ADC1 INTFC) ENG2A 732160 ECU (ADC1 INTFC) ENG2A 732160 ECU (ADC1 INTFC) ENG2B 732160	) EIU2FAD		77-ECAM
ECU (ADC1 INTFC) 732160 ECU (ADC1 INTFC) ENG1A 732160 ECU (ADC1 INTFC) ENG1A 732160 ECU (ADC1 INTFC) ENG1B 732160 ECU (ADC1 INTFC) ENG1B 732160 ECU (ADC1 INTFC) ENG2A 732160 ECU (ADC1 INTFC) ENG2A 732160 ECU (ADC1 INTFC) ENG2B 732160	) EIU1FAD		77-ECAM
ECU (ADC1 INTFC) ENG1A 732160 ECU (ADC1 INTFC) ENG1A 732160 ECU (ADC1 INTFC) ENG1B 732160 ECU (ADC1 INTFC) ENG1B 732160 ECU (ADC1 INTFC) ENG2A 732160 ECU (ADC1 INTFC) ENG2A 732160 ECU (ADC1 INTFC) ENG2B 732160 ECU (ADC2 INTFC) 732160	) EIU2FAD		77-ECAM
ECU (ADC1 INTFC) ENG1A 732160 ECU (ADC1 INTFC) ENG1B 732160 ECU (ADC1 INTFC) ENG1B 732160 ECU (ADC1 INTFC) ENG2A 732160 ECU (ADC1 INTFC) ENG2A 732160 ECU (ADC1 INTFC) ENG2B 732160 ECU (ADC1 INTFC) ENG2B 732160 ECU (ADC1 INTFC) ENG2B 732160 ECU (ADC2 INTFC) 732160	) EIU1FAD		
ECU (ADC1 INTFC) ENG1B 732160 ECU (ADC1 INTFC) ENG1B 732160 ECU (ADC1 INTFC) ENG2A 732160 ECU (ADC1 INTFC) ENG2A 732160 ECU (ADC1 INTFC) ENG2B 732160 ECU (ADC1 INTFC) ENG2B 732160 ECU (ADC2 INTFC) 732160	) EIU1FAD		77-ECAM
ECU (ADC1 INTFC) ENG1B 732160 ECU (ADC1 INTFC) ENG2A 732160 ECU (ADC1 INTFC) ENG2A 732160 ECU (ADC1 INTFC) ENG2B 732160 ECU (ADC1 INTFC) ENG2B 732160 ECU (ADC2 INTFC) 732160	) EIU1FAD		73-CFDS
ECU (ADC1 INTFC) ENG2A 732160 ECU (ADC1 INTFC) ENG2A 732160 ECU (ADC1 INTFC) ENG2B 732160 ECU (ADC1 INTFC) ENG2B 732160 ECU (ADC2 INTFC) 732160	) EIU1FAD		77-ECAM
ECU (ADC1 INTFC) ENG2A 732160 ECU (ADC1 INTFC) ENG2B 732160 ECU (ADC1 INTFC) ENG2B 732160 ECU (ADC2 INTFC) 732160	) EIU2FAD		73-CFDS
ECU (ADC1 INTFC) ENG2B 73216( ECU (ADC1 INTFC) ENG2B 73216( ECU (ADC2 INTFC) 73216(	) EIU2FAD		77-ECAM
ECU (ADC1 INTFC) ENG2B 732160 ECU (ADC2 INTFC) 732160	) EIU2FAD		73-CFDS
ECU (ADC2 INTFC) 732160	) EIU2FAD		77-ECAM
	) EIU1FAD		77-ECAM
ECU (ADC2 INTFC) 732160	) EIU2FAD		77-ECAM
	) EIU2FAD ) EIU1FAD		73-CFDS
	) EIU1FAD		77-ECAM
	) EIU1FAD		77-ECAM 73-CFDS
	) EIU1FAD		73-LFDS 77-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
CU (ADC2 INTFC) ENG2A		EIU2FAD		73-CFDS
CU (ADC2 INTFC) ENG2A		EIU2FAD		77-ECAM
CU (ADC2 INTFC) ENG2B		EIU2FAD		73-CFDS
CU (ADC2 INTFC) ENG2B		EIU2FAD		77-ECAM
CU (ARINC OUT) ENG1A		EIU1FAD		77-ECAM
CU (ARINC OUT) ENG1B		EIU1FAD		77-ECAM
CU (ARINC OUT) ENG2A		EIU2FAD		77-ECAM
CU (ARINC OUT) ENG2B		EIU2FAD		77-ECAM
CU (CC DISCRETES) ENG1A		EIU1FAD		77-ECAM
CU (CC DISCRETES) ENG1B		EIU1FAD		77-ECAM
CU (CC DISCRETES) ENG2A		EIU2FAD		77-ECAM
CU (CC DISCRETES) ENG2B		EIU2FAD		77-ECAM
CU (CCDL) ENG1A		EIU1FAD		77-ECAM
CU (CCDL) ENG1B		EIU1FAD		77-ECAM
CU (CCDL) ENG2A		EIU2FAD		77-ECAM
CU (CCDL) ENG2B		EIU2FAD		77-ECAM
CU (CHAN SYNCH)		EIU1FAD		77-ECAM
CU (CHAN SYNCH)		EIU2FAD		77-ECAM
CU (CHAN SYNCH) ENG1A		EIU1FAD		77-ECAM
CU (CHAN SYNCH) ENG1B ENG1		EIU1FAD		77-ECAM
CU (CHAN SYNCH) ENG2A	732160	EIU2FAD	1	77-ECAM
CU (CHAN SYNCH) ENG2B ENG2	732160	EIU2FAD	1	77-ECAM
CU (CPU FAULT) ENG1A	732160	EIU1FAD	1	73-CFDS
CU (CPU FAULT) ENG1A	732160	EIU1FAD	1	77-ECAM
CU (CPU FAULT) ENG1B	732160	EIU1FAD	1	73-CFDS
CU (CPU FAULT) ENG1B		EIU1FAD		77-ECAM
CU (CPU FAULT) ENG2A		EIU2FAD		73-CFDS
CU (CPU FAULT) ENG2A	732160	EIU2FAD	1	77-ECAM
CU (CPU FAULT) ENG2B		EIU2FAD		73-CFDS
CU (CPU FAULT) ENG2B	732160	EIU2FAD	1	77-ECAM
CU (DATA ACQN) ENG1A		EIU1FAD		73-CFDS
CU (DATA ACQN) ENG1A		EIU1FAD		77-ECAM
CU (DATA ACQN) ENG1B		EIU1FAD		73-CFDS
CU (DATA ACQN) ENG1B		EIU1FAD		77-ECAM
CU (DATA ACQN) ENG2A	732160	EIU2FAD	1	73-CFDS
CU (DATA ACQN) ENG2A	732160	EIU2FAD	1	77-ECAM
CU (DATA ACQN) ENG2B	732160	EIU2FAD	1	73-CFDS
CU (DATA ACQN) ENG2B	732160	EIU2FAD	1	77-ECAM
CU (EIU INTFC)	732160	EIU1FAD	2	77-ECAM
CU (EIU INTFC)		EIU2FAD	2	77-ECAM
CU (EIU INTFC) ENG1A		EIU1FAD	S	73-CFDS
CU (EIU INTFC) ENG1A		EIU1FAD	2	77-ECAM
CU (EIU INTFC) ENG1B	732160	EIU1FAD	S	73-CFDS
CU (EIU INTFC) ENG1B	732160	EIU1FAD	2	77-ECAM
CU (EIU INTFC) ENG2A	732160	EIU2FAD	S	73-CFDS
CU (EIU INTFC) ENG2A	732160	EIU2FAD	2	77-ECAM
CU (EIU INTFC) ENG2B	732160	EIU2FAD	S	73-CFDS
CU (EIU INTFC) ENG2B		EIU2FAD	2	77-ECAM

EFF: ALL

SROS

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
CU (E1-4000KS)/GCU1 (1XU1)		AC GEN		73-CFDS
CU (E1-4000KS)/GCU1 (1XU1) CU (E2-4000KS)/GCU2 (1XU2)		AC GEN		73-CFDS
CU (MASTER DISC) ENG1A		EIU1FAD		77-ECAM
CU (MASTER DISC) ENG1B		EIU1FAD		77-ECAM
CU (MASTER DISC) ENG2A		EIU2FAD		77-ECAM
CU (MASTER DISC) ENG2B		EIU2FAD		77-ECAM
CU (NVM FAULT) ENG1A		EIU1FAD		77-ECAM
CU (NVM FAULT) ENG1B		EIU1FAD		77-ECAM
CU (NVM FAULT) ENG2A		EIU2FAD		77-ECAM
CU (NVM FAULT) ENG2B		EIU2FAD		77-ECAM
CU (OVERTEMP) ENG1A		EIU1FAD		77-ECAM
CU (OVERTEMP) ENG1B		EIU1FAD		77-ECAM
CU (OVERTEMP) ENG2A		EIU2FAD		77-ECAM
CU (OVERTEMP) ENG2B		EIU2FAD		77-ECAM
CU (PO SENSOR) ENG1A		EIU1FAD		73-CFDS
CU (PO SENSOR) ENG1A		EIU1FAD		73-CFDS
CU (PO SENSOR) ENG1A		EIU1FAD		77-ECAM
CU (PO SENSOR) ENG1A		EIU1FAD		77-ECAM
CU (PO SENSOR) ENG1B	732160	EIU1FAD	S	73-CFDS
CU (PO SENSOR) ENG1B	732160	EIU1FAD	1	77-ECAM
CU (PO SENSOR) ENG1B	732160	EIU1FAD	2	77-ECAM
CU (PO SENSOR) ENG2A	732160	EIU2FAD	S	73-CFDS
CU (PO SENSOR) ENG2A	732160	EIU2FAD	1	73-CFDS
CU (PO SENSOR) ENG2A	732160	EIU2FAD	1	77-ECAM
CU (PO SENSOR) ENG2A	732160	EIU2FAD	2	77-ECAM
CU (PO SENSOR) ENG2B	732160	EIU2FAD	S	73-CFDS
CU (PO SENSOR) ENG2B		EIU2FAD		77-ECAM
CU (PO SENSOR) ENG2B	732160	EIU2FAD	2	77-ECAM
CU (PRESS SYS A) ENG1A		EIU1FAD		77-ECAM
CU (PRESS SYS A) ENG1B		EIU1FAD		77-ECAM
CU (PRESS SYS A) ENG2A		EIU2FAD		77-ECAM
CU (PRESS SYS A) ENG2B		EIU2FAD		77-ECAM
CU (PRESS SYS B) ENG1A		EIU1FAD		77-ECAM
CU (PRESS SYS B) ENG1B		EIU1FAD		77-ECAM
CU (PRESS SYS B) ENG2A	732160	EIU2FAD	2	
CU (PRESS SYS B) ENG2B	732160	EIU2FAD	2	77-ECAM
CU (PS12 SENSOR) ENG1A	732160	EIU1FAD	S	73-CFDS
CU (PS12 SENSOR) ENG1A	732160	EIU1FAD	1	73-CFDS
CU (PS12 SENSOR) ENG1A	732160	EIU1FAD	1	77-ECAM
CU (PS12 SENSOR) ENG1A		EIU1FAD	2	77-ECAM
CU (PS12 SENSOR) ENG1B		EIU1FAD	S	73-CFDS
CU (PS12 SENSOR) ENG1B	732160	EIU1FAD	1	73-CFDS
CU (PS12 SENSOR) ENG1B	732160	EIU1FAD	1	77-ECAM
CU (PS12 SENSOR) ENG1B	732160	EIU1FAD	2	77-ECAM
CU (PS12 SENSOR) ENG2A	732160	EIU2FAD	S	73-CFDS
CU (PS12 SENSOR) ENG2A	732160	EIU2FAD	1	73-CFDS
CU (PS12 SENSOR) ENG2A	732160	EIU2FAD	1	77-ECAM
CU (PS12 SENSOR) ENG2A	732160	EIU2FAD	2	77-ECAM

EFF: ALL

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**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
CU (PS12 SENSOR) ENG2B		EIU2FAD		73-CFDS
CU (PS12 SENSOR) ENG2B		EIU2FAD		73-CFDS
CU (PS12 SENSOR) ENG2B		EIU2FAD		77-ECAM
CU (PS12 SENSOR) ENG2B		EIU2FAD		77-ECAM
CU (PS3 DISAGREE) ENG1A		EIU1FAD		73-CFDS
CU (PS3 DISAGREE) ENG1B		EIU1FAD		73-CFDS
CU (PS3 DISAGREE) ENG2A	732160	EIU2FAD		73-CFDS
CU (PS3 DISAGREE) ENG2B CU (PS3 DISAGREE)* ENG1A CU (PS3 DISAGREE)* ENG1B CU (PS3 DISAGREE)* ENG2A CU (PS3 DISAGREE)* ENG2B CU (PO SENSOR) ENG1B CU (PO SENSOR) ENG1B CU (PO SENSOR) ENG2B CU (PO SENSOR) ENG2B CU (PO SENSOR) ENG2B CU (SCU, MUX FAULT) ENG1A CU (SCU, MUX FAULT) ENG1B CU (SCU, MUX FAULT) ENG2A CU (SCU, MUX FAULT) ENG2B CU (SCU, MUX FAULT) ENG2B CU (SCU, MUX FAULT) ENG2B CU (SPEED CONV) ENG1B CU (SPEED CONV) ENG1B	732160	EIU2FAD		73-CFDS
CU (PS3 DISAGREE)* ENG1A	732160	EIU1FAD		73-CFDS
CU (PS3 DISAGREE)* ENG1B	732160	EIU1FAD		73-CFDS
CU (PS3 DISAGREE)* ENG2A	732160	EIU2FAD		73-CFDS
CU (PS3 DISAGREE)* ENG2B	732160	EIU2FAD		73-CFDS
CU (PO SENSOR) ENG1B	732160	EIU1FAD		73-CFDS
CU (PO SENSOR) ENG1B	732160	EIU1FAD		77-ECAM
CU (PO SENSOR) ENG2B	732160	EIU2FAD		73-CFDS
CU (PO SENSOR) ENG2B	732160	EIU2FAD		77-ECAM
CU (SCU, MUX FAULT) ENG1A	732160	EIU1FAD		77-ECAM
CU (SCU, MUX FAULT) ENG1B	732160	EIU1FAD		77-ECAM
CU (SCU, MUX FAULT) ENG2A	732160	EIU2FAD	2	77-ECAM
CU (SCU, MUX FAULT) ENG2B	732160	EIU2FAD	2	77-ECAM
CU (SPEED CONV) ENG1A	732160	EIU1FAD	2	77-ECAM
CU (SPEED CONV) ENG1B	732160	EIU1FAD	2	77-ECAM
CU (SPEED CONV) ENG2A	732160	EIU2FAD	2	77-ECAM
CU (SPEED CONV) ENG2B	732160	EIU2FAD	2	77-ECAM
CU (SYNCH W/A) ENG1A	732160	EIU1FAD	1	77-ECAM
CU (SYNCH W/A) ENG1B	732160	EIU1FAD	1	77-ECAM
CU (SYNCH W/A) ENG2A	732160	EIU2FAD	1	77-ECAM
CU (SYNCH W/A) ENG2B	732160	EIU2FAD	1	77-ECAM
CU (TC JUNCTION) ENG1A	732160	EIU1FAD	1	77-ECAM
CU (TC JUNCTION) ENG1B	732160	EIU1FAD	1	77-ECAM
CU (TC JUNCTION) ENG2A	732160	EIU2FAD	1	77-ECAM
CU (TC JUNCTION) ENG2B		EIU2FAD		77-ECAM
CU (TCMA RELAY) ENG1A	732160	EIU1FAD	1	73-CFDS
CU (TCMA RELAY) ENG1A	732160	EIU1FAD	1	77-ECAM
CU (TCMA RELAY) ENG1A	732160	EIU1FAD	2	73-CFDS
CU (TCMA RELAY) ENG1A	732160	EIU1FAD	2	77-ECAM
CU (TCMA RELAY) ENG1A	732160	EIU1FAD	3	73-CFDS
CU (TCMA RELAY) ENG1B	732160	EIU1FAD	1	73-CFDS
CU (TCMA RELAY) ENG1B	732160	EIU1FAD	1	77-ECAM
CU (TCMA RELAY) ENG1B	732160	EIU1FAD	2	73-CFDS
CU (TCMA RELAY) ENG1B	732160	EIU1FAD	2	77-ECAM
CU (TCMA RELAY) ENG1B	732160	EIU1FAD	3	73-CFDS
CU (TCMA RELAY) ENG2A	732160	EIU2FAD	1	73-CFDS
CU (TCMA RELAY) ENG2A		EIU2FAD	1	77-ECAM
CU (TCMA RELAY) ENG2A		EIU2FAD	2	73-CFDS
CU (TCMA RELAY) ENG2A		EIU2FAD	2	77-ECAM
CU (TCMA RELAY) ENG2A		EIU2FAD	3	73-CFDS
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EFF: ALL

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**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
ECU (TCMA RELAY) ENG2B		EIU2FAD		77-ECAM
CU (TCMA RELAY) ENG2B		EIU2FAD		73-CFDS
CU (TCMA RELAY) ENG2B		EIU2FAD		77-ECAM
CU (TCMA RELAY) ENG2B		EIU2FAD		73-CFDS
CU (TECU SENSOR) ENG1A		EIU1FAD		77-ECAM
CU (TECU SENSOR) ENG1B	732160	EIU1FAD		77-ECAM
CU (TECU SENSOR) ENG2A	732160	EIU2FAD	2	77-ECAM
CU (TECU SENSOR) ENG2B	732160	EIU2FAD	2	77-ECAM
CU (X CHANNEL) ENG1A	771130	EIU1FAD	1	77-CFDS
CU (X CHANNEL) ENG1A	771130	EIU1FAD	1	77-ECAM
CU (X CHANNEL) ENG1B	771130	EIU1FAD	1	77-CFDS
CU (X CHANNEL) ENG1B	771130	EIU1FAD	1	77-ECAM
CU (X CHANNEL) ENG2A	771130	EIU2FAD	1	77-CFDS
CU (X CHANNEL) ENG2A	771130	EIU2FAD	1	77-ECAM
CU (X CHANNEL) ENG2B		EIU2FAD		77-CFDS
CU (X CHANNEL) ENG2B		EIU2FAD		77-ECAM
CU (15 VDC FAULT) ENG1A	732160	EIU1FAD		77-ECAM
CU (15 VDC FAULT) ENG1B		EIU1FAD		77-ECAM
CU (15 VDC FAULT) ENG2A		EIU2FAD		77-ECAM
CU (15 VDC FAULT) ENG2B		EIU2FAD		77-ECAM
CU (25 VDC FAULT) ENG1A		EIU1FAD		77-ECAM
CU (25 VDC FAULT) ENG1B		EIU1FAD		77-ECAM
CU (25 VDC FAULT) ENG2A		EIU2FAD		77-ECAM
CU (25 VDC FAULT) ENG2B		EIU2FAD		77-ECAM
CU, EIU-28V, J1		EIU1FAD		73-CFDS
CU, EIU-28V, J1		EIU1FAD		77-ECAM
CU, EIU-28V, J1		EIU2FAD		73-CFDS
CU, EIU-28V, J1		EIU2FAD		77-ECAM
CU, EIU-28V, J2		EIU1FAD		73-CFDS
CU, EIU-28V, J2		EIU1FAD		77-ECAM
CU, EIU-28V, J2		EIU2FAD		73-CFDS
CU, EIU-28V, J2		EIU2FAD		77-ECAM
CU, PS13 SNSR LINE ENG1A		EIU1FAD		73-CFDS
CU, PS13 SNSR LINE ENG1B		EIU1FAD		73-CFDS
CU, PS13 SNSR LINE ENGIB		EIU2FAD		
CU, PS13 SNSR LINE ENG2B		EIU2FAD EIU1FAD		73-CFDS
CU, PS13 SNSR LINE* ENG1A		EIU1FAD		73-CFDS 73-CFDS
CU, PS13 SNSR LINE* ENG1B		EIU1FAD		73-CFDS
CU, PS13 SNSR LINE* ENG2A				
CU, PS13 SNSR LINE* ENG2B		EIU2FAD		73-CFDS
CU, PS3 SNSR LINE ENG1A		EIU1FAD		73-CFDS
CU, PS3 SNSR LINE ENG1A		EIU1FAD		73-CFDS
CU, PS3 SNSR LINE ENG1A		EIU1FAD		77-ECAM
CU, PS3 SNSR LINE ENG1A		EIU1FAD		77-ECAM
CU, PS3 SNSR LINE ENG1B		EIU1FAD		73-CFDS
CU, PS3 SNSR LINE ENG1B		EIU1FAD		73-CFDS
CU, PS3 SNSR LINE ENG1B		EIU1FAD		77-ECAM
CU, PS3 SNSR LINE ENG1B	732160	EIU1FAD	2	77-ECAM

EFF: ALL

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**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
ECU, PS3 SNSR LINE ENG2A ECU, PS3 SNSR LINE ENG2B ECU1 (4000) / FDIMU (10TV) ECU1 (4000KS) / DMU (1TV) ECU1 (4000KS) / DMU (1TV) ECU2 (4000KS OR OIL TEMP SENSOR 2 4004EN EEPROM FAILURE (CPU1) EGT TCPLE RAKE (8057KM1) EGT TCPLE RAKE (8057KM1) EGT TCPLE RAKE (8057KM2) EGT TCPLE RAKE (8057KM2) EGT TCPLE RAKE (8057KM2) EGT TCPLE RAKE 1 EGT TCPLE RAKE 1 EGT TCPLE RAKE 2 EGT TCPLE RAKE 2 EGT TCPLE RAKE 3 EGT TCPLE RAKE 3 EGT TCPLE RAKE 1 EGT TCPLE RAKE 1 EGT TCPLE RAKE 1 EGT TCPLE RAKE 2 EGT TCPLE RAKE 3 EGT TCPLE RAKE 3 EGT TCPLE RAKE 3 EGT TCPLE RAKE 4 EGT TCPLE RAKE 6 EGT TCPLE RAKE 6 EGT TCPLE RAKE 6 EGT TCPLE RAKE 7 EGT TCPLE RAKE 8 EGT TCPLE RAKE 8 EGT TCPLE RAKE 8 EGT TCPLE RAKE 9 EGT TCPLE RAKE 1 EGT TCPLE RAKE 1 EGT TCPLE RAKE 1 EGT TCPLE RAKE 2 EGT TCPLE RAKE 1 EGT TCPLE RAKE 2 EGT TCPLE RAKE 1 EGT TCPLE RAKE 1 EGT TCPLE RAKE 1 EGT TCPLE RAKE 1 EGT TCPLE RAKE 2 EGT TCPLE RAKE 2 EGT TCPLE RAKE 1 EGT TCT (8057KM1) EGT TCT (8057KM1) EGT TCT (8057KM2) EGT TCC (8057KM2)	732160	EIU2FAD	S	73-CFDS
ECU, PS3 SNSR LINE ENG2A	732160	EIU2FAD	1	73-CFDS
ECU, PS3 SNSR LINE ENG2A	732160	EIU2FAD	1	77-ECAM
ECU, PS3 SNSR LINE ENG2A	732160	EIU2FAD	2	77-ECAM
ECU, PS3 SNSR LINE ENG2B	732160	EIU2FAD	S	73-CFDS
ECU, PS3 SNSR LINE ENG2B	732160	EIU2FAD	1	73-CFDS
ECU, PS3 SNSR LINE ENG2B	732160	EIU2FAD	1	77-ECAM
ECU, PS3 SNSR LINE ENG2B	732160	EIU2FAD	2	77-ECAM
ECU1 (4000) / FDIMU (10TV)	732160	DMU	3	73-CFDS
ECU1 (4000KS) / DMU (1TV)	732160	DMU	3	73-CFDS
ECU1 4000KS OR OIL TEMP SENSOR 1 4004EN	732160	EIU1FAD	1	77-ECAM
CU2 (4000) / FDIMU (10TV)	732160	DMU	3	73-CFDS
ECU2 (4000KS) / DMU (1TV)	732160	DMU	3	73-CFDS
CU2 4000KS OR OIL TEMP SENSOR 2 4004EN	732160	EIU2FAD	1	77-ECAM
EPROM FAILURE (CPU1)	313634	DMU	2	31-ECAM
GT TCPLE RAKE (8057KM1)	497215	APU	3	49-CFDS
GT TCPLE RAKE (8057KM1) AND ECB (59KD)	497215	APU	1	49-ECAM
GT TCPLE RAKE (8057KM2)	497215	APU	3	49-CFDS
GT TCPLE RAKE (8057KM2) AND ECB (59KD)	497215	APU	1	49-ECAM
GT TCPLE RAKE 1	497215	APU	3	49-CFDS
GT TCPLE RAKE 1 + ECB (59KD)	497215	APU	1	49-ECAM
GT TOPLE RAKE 2	497215	APII	3	49-CFDS
GT TOPLE RAKE 2 + FCB (59KD)	497215	APII	1	49-FCAM
GT TOPLE RAKES 1 + 2	497215	ΔPII	1	49-FCAM
GT TCPLE RAKES(8057KM1) AND (8057KM2)	497215	APII	1	49-FCAM
GT TC1 (8057KM1)	497215	ΔPII	1	49-FCAM
GT TC1 (8057KM1)	497215	ΔΡΙΙ	3	49-CEDS
GT TC1 (8057KM1) AND FCB (59KD)	497215	ΔPII	1	49-FCAM
GT TC1 (8057KM1) AND EGT TC2 (8057KM2)	497215	ΔΡΙΙ	1	49-FCAM
GT TO 1 (3037KHZ)	497215	APII	3	49-CFDS
GT TO 130	497215	ΔΡΙΙ	1	49-FCAM
GT TOT TSO AND EGD SORD	497215	APII	1	49-FCAM
GT TC1 P30 AND EGT TC2 TS1	497215	APII	1	49-FCAM
GT TC2 (8057KM2)	497215	APII	1	49-FCAM
GT TC2 (8057KM2)	497215	APII	7	49-CFDS
GT TC2 (8057KM2) AND ECB (59KD)	497215	ADII	1	49-ECAM
GT TC2 P31	497215	APU	3	49-CFDS
GT TC2 P31 AND ECB 59KD	497215			49-ECAM
GT TC2 P31 OR FUEL CTL UNIT P19	497215		1	49-ECAM
IU (ARINC), J3 ENG1A		EIU1FAD		73-CFDS
IU (ARINC), JS ENGTA		EIU1FAD		77-ECAM
IU (ARINC), JS ENGTA		EIU1FAD		77-ECAM
EIU (ARINC), JS ENGTA		EIU1FAD		77-ECAM 73-CFDS
EIU (ARINC), JS ENGIB		EIU1FAD		73-CFVS 77-ECAM
		EIU1FAD		77-ECAM
EIU (ARINC), J3 ENG1B				
EIU (ARINC), J3 ENG2A		EIU2FAD		73-CFDS
EIU (ARINC), J3 ENG2A		EIU2FAD		77-ECAM
EIU (ARINC), J3 ENG2A	132334	EIU2FAD	2	77-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
EIU (ARINC), J3 ENG2B				73-CFDS
EIU (ARINC), J3 ENG2B		EIU2FAD		77-ECAM
EIU (ARINC), J3 ENG2B		EIU2FAD		77-ECAM
EIU (031), J3 ENG1A		EIU1FAD		73-CFDS
EIU (031), J3 ENG1A		EIU1FAD		73-CFDS
EIU (031), J3 ENG1A		EIU1FAD		77-ECAM
EIU (031), J3 ENG1B		EIU1FAD		73-CFDS
EIU (031), J3 ENG1B		EIU1FAD		73-CFDS
EIU (031), J3 ENG1B		EIU1FAD		77-ECAM
EIU (031), J3 ENG2A		EIU2FAD		73-CFDS
EIU (031), J3 ENG2A		EIU2FAD		73-CFDS
EIU (031), J3 ENG2A		EIU2FAD		77-ECAM
EIU (031), J3 ENG2B		EIU2FAD		73-CFDS
EIU (031), J3 ENG2B		EIU2FAD		73-CFDS
EIU (031), J3 ENG2B		EIU2FAD		77-ECAM
EIU (150), J3 ENG1A		EIU1FAD		73-CFDS
EIU (150), J3 ENG1B		EIU1FAD		73-CFDS
EIU (150), J3 ENG2A		EIU2FAD		73-CFDS
EIU (150), J3 ENG2B		EIU2FAD		73-CFDS
EIU SIGNAL REPLACED (XX)	732534	CPC 1	3	73-CFDS
EIU SIGNAL REPLACED (XX)	732534	CPC 2	3	73-CFDS
EIU-28V, ECU ENG1A	732534	EIU1FAD		77-ECAM
EIU-28V, ECU ENG1B	732534	EIU1FAD		77-ECAM
EIU-28V, ECU ENG2A	732534	EIU2FAD		77-ECAM
EIU-28V, ECU ENG2B	732534	EIU2FAD		77-ECAM
EIU, ECU (CR3 DIODE) ENG1A	732534	EIU1FAD		77-ECAM
EIU, ECU (CR3 DIODE) ENG1B	732534	EIU1FAD		77-ECAM
EIU, ECU (CR3 DIODE) ENG2A	732534	EIU2FAD		77-ECAM
EIU, ECU (CR3 DIODE) ENG2B	732534	EIU2FAD		77-ECAM
EIU, HCU ENG1A	732534	EIU1FAD	1	73-CFDS
EIU, HCU ENG1A		EIU1FAD		77-ECAM
EIU, HCU ENG1B	732534	EIU1FAD	1	73-CFDS
EIU, HCU ENG1B	732534	EIU1FAD EIU1FAD EIU2FAD	1	77-ECAM
EIU, HCU ENG2A	732534	EIU2FAD	1	73-CFDS
EIU, HCU ENG2A		EIU2FAD		77-ECAM
EIU, HCU ENG2B	732534	EIU2FAD	1	73-CFDS
EIU, HCU ENG2B	732534	EIU2FAD	1	77-ECAM
EIU, LGCIU(WOW) ENG1A	732534	EIU1FAD	1	77-ECAM
EIU, LGCIU(WOW) ENG1B	732534	EIU1FAD	1	77-ECAM
EIU, LGCIU(WOW) ENG2A	732534	EIU2FAD	1	77-ECAM
EIU, LGCIU(WOW) ENG2B	732534	EIU2FAD	1	77-ECAM
EIU1		EIU1FAD		77-ECAM
EIU1		EIU1FAD		77-ECAM
EIU1	732534	EIU1FAD	3	73-CFDS
EIU1 : NO CFDIU DATA	313234	EIU1FAD	2	77-ECAM
EIU1 : NO FADEC 1 A DATA	732160	EIU1FAD	1	22-ECAM
EIU1 : NO FADEC 1 A DATA	732160	EIU1FAD	1	77-ECAM

EFF: ALL

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**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
EIU1 : NO FADEC 1 B DATA		EIU1FAD		22-ECAM
EIU1 : NO FADEC 1 B DATA		EIU1FAD		77-ECAM
IU1 : NO FADEC 1 B DATA		EIU1FAD		77-ECAM
IU1 : NO FCU DATA		EIU1FAD		22-CFDS
IU1 : NO ZONE CONT DATA		EIU1FAD		21-CFDS
IU1 : NO ZONE CONT DATA		EIU1FAD		77-ECAM
IU1 ENG FAMILY DISAGREE	732500	BMC 1	3	73-CFDS
IU2	732534	EIU2FAD	1	77-ECAM
IU2	732534	EIU2FAD	2	77-ECAM
IU2	732534	EIU2FAD	3	73-CFDS
IU2 ; NO FADEC 2 B DATA	732160	EIU2FAD	2	77-ECAM
IU2 : NO CFDIU DATA	313234	EIU2FAD	2	77-ECAM
IU2 : NO FADEC 2 A DATA	732160	EIU2FAD	1	22-ECAM
IU2 : NO FADEC 2 A DATA	732160	EIU2FAD	1	77-ECAM
IU2 : NO FADEC 2 A DATA	732160	EIU2FAD	2	77-ECAM
IU2 : NO FADEC 2 B DATA	732160	EIU2FAD	1	22-ECAM
IU2 : NO FADEC 2 B DATA	732160	EIU2FAD	1	77-ECAM
IU2 : NO FCU DATA	228112	EIU2FAD	1	22-CFDS
IU2 : NO ZONE CONT DATA	216334	EIU2FAD		21-CFDS
IU2 : NO ZONE CONT DATA		EIU2FAD		77-ECAM
IU2 ENG FAMILY DISAGREE		BMC 2		73-CFDS
LAC 1(2CE1)/ BSCU (10GG)		BSCU 1		27-CFDS
LAC 1(2CE1)/ BSCU (10GG)		BSCU 2		27-CFDS
LAC 2(2CE2)/ BSCU (10GG)		BSCU 1		27-CFDS
LAC 2(2CE2)/ BSCU (10GG)		BSCU 2		27-CFDS
LAC1		EFCS 1	1	22-ECAM
LAC1		EFCS 1	1	27-ECAM
LAC1		EFCS 1		27-0BSV
LAC1		EFCS 2		22-ECAM
LAC1		EFCS 2		27-ECAM
LAC1		EFCS 2		27-0BSV
LAC1 ADR DATA DISAGREE		EFCS 1		27-CFDS
LAC1 ADR DATA DISAGREE		EFCS 2		27-CFDS
LAC1 AIL ORDER DISAGREE		EFCS 1		27-ECAM
LAC1 AIL ORDER DISAGREE		EFCS 1		27-0BSV
LAC1 AIL ORDER DISAGREE		EFCS 2		27-ECAM
LACT ALL ORDER DISAGREE		EFCS 2		27-ECAM 27-0BSV
LACT ALL ORDER DISAGREE				
LACT COM BUS 1		EFCS 1 EFCS 2		27-ECAM 27-ECAM
LAC1 COM BUS 2		EFCS 1		27-ECAM
LAC1 COM BUS 2		EFCS 2	2	27-ECAM
LAC1 COM OR BUS FROM FMGC1		EFCS 1	2	27-ECAM
LAC1 COM OR BUS FROM FMGC1		EFCS 2	2	27-ECAM
LAC1 COM OR BUS FROM FMGC2		EFCS 1	2	27-ECAM
LAC1 COM OR BUS FROM FMGC2		EFCS 2	2	27-ECAM
LAC1 COM OR BUS 3 FROM ADR1		EFCS 2		27-ECAM
LAC1 COM OR BUS 3 FROM ADR3		EFCS 2		27-ECAM
LAC1 COM OR BUS 3 FROM FCDC1	279334	EFCS 2	2	27-ECAM

EFF: ALL

SROS

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#### TROUBLE SHOOTING MANUAL

		CLASS CH-PB101
ELAC1 COM OR BUS 3 FROM IR1 ELAC1 COM OR BUS 3 FROM IR3 ELAC1 COM OR BUS3 FROM ADR1 ELAC1 COM OR BUS3 FROM ADR3 ELAC1 COM OR BUS3 FROM FCDC1 ELAC1 COM OR BUS3 FROM IR1 ELAC1 COM OR BUS3 FROM IR1	279334 EFCS 2	2 27-ECAM
ELAC1 COM OR BUS 3 FROM IR3	279334 EFCS 2	2 27-ECAM
ELAC1 COM OR BUS3 FROM ADR1	279334 EFCS 1	2 27-ECAM
ELAC1 COM OR BUS3 FROM ADR3	279334 EFCS 1	2 27-ECAM
ELAC1 COM OR BUS3 FROM FCDC1	279334 EFCS 1	2 27-ECAM
FLAC1 COM OR BUS3 FROM TR1	279334 FFCS 1	2 27-FCAM
FLAC1 COM OR BUS3 FROM TR3	279334 FFCS 1	2 27-FCAM
ELAC1 COM OR WIRING FROM ACCLRM 1 12CE1	279334 FFCS 1	2 27-ECAM
FLAC1 COM OR WIRING FROM ACCIRM 1 12CE1	279334 FFCS 2	2 27-ECAM
FLACT COM OR WIRING FROM ACCIRM 2 12CF2	279334 FFCS 1	2 27-ECAM
ELAC1 COM OR WIRING FROM ACCLRM 1 12CE1 ELAC1 COM OR WIRING FROM ACCLRM 1 12CE1 ELAC1 COM OR WIRING FROM ACCLRM 2 12CE2 ELAC1 COM OR WIRING FROM ACCLRM 2 12CE2 ELAC1 COM OR WIRING FROM L B AIL POS XDCR	279334 FFCS 2	2 27-ECAM
ELACT COM OR WIKING FROM I R ATT DOS YNCD	270334 EFCS 1	1 27-ECAM
33CE3	217334 E103 1	I ZI LUAN
ELAC1 COM OR WIRING FROM L B AIL POS XDCR	27077/ EECC 2	1 27-ECAM
33CE3	217334 EFCS 2	I ZI-ECAM
ELAC1 COM OR WIRING FROM R G AIL POS XDCR	27077/ EECC 1	1 27-ECAM
33CE2	217334 EFCS 1	I ZI-ECAM
	27077/ 5566 2	4 27 5644
ELAC1 COM OR WIRING FROM R G AIL POS XDCR	219334 EFUS 2	1 27-ECAM
33CE2	27077/ 5500 4	4 27 5044
ELAC1 COM OR WIRING FROM THS ACTR XDCR2 9CE	279334 EFUS 1	1 27-ECAM
ELAC1 COM OR WIRING FROM THS ACTR XDCR2 9CE	2/9334 EFUS 2	1 27-ECAM
ELAC1 COM OR WIRING TO L B ELEV SERVO VLV	279334 EFCS 1	1 27-ECAM
34CE3	0-0	4 2
ELAC1 COM OR WIRING TO L B ELEV SERVO VLV	279334 EFCS 2	1 27-ECAM
34CE3		
ELAC1 COM OR WIRING TO R B ELEV SERVO VLV	279334 EFCS 1	1 27-ECAM
34CE4		
ELAC1 COM OR WIRING TO R B ELEV SERVO VLV	279334 EFCS 2	1 27-ECAM
34CE4 ELAC1 IR DATA DISAGREE ELAC1 MON BUS 1 ELAC1 MON BUS 1		
ELAC1 IR DATA DISAGREE	279334 EFCS 1	
ELAC1 IR DATA DISAGREE	279334 EFCS 1	1 27-ECAM
ELAC1 IR DATA DISAGREE	279334 EFCS 2	1 27-CFDS
ELAC1 IR DATA DISAGREE	279334 EFCS 2 279334 EFCS 2	1 27-ECAM
ELAC1 MON BUS 1	219334 EFUS 1	Z ZI-ELAM
	279334 EFCS 2	
ELAC1 MON BUS 2	279334 EFCS 1	
ELAC1 MON BUS 2	279334 EFCS 2	
ELAC1 MON OR BUS FROM FMGC1	279334 EFCS 1	
ELAC1 MON OR BUS FROM FMGC1	279334 EFCS 2	2 27-ECAM
ELAC1 MON OR BUS FROM FMGC2	279334 EFCS 1	
ELAC1 MON OR BUS FROM FMGC2	279334 EFCS 2	2 27-ECAM
ELAC1 MON OR BUS 3 FROM ADR1	279334 EFCS 1	2 27-ECAM
ELAC1 MON OR BUS 3 FROM ADR1	279334 EFCS 2	2 27-ECAM
ELAC1 MON OR BUS 3 FROM IR1	279334 EFCS 1	2 27-ECAM
ELAC1 MON OR BUS 3 FROM IR1	279334 EFCS 2	2 27-ECAM
ELAC1 MON OR BUS 4 FROM FCDC2	279334 EFCS 1	2 27-ECAM
ELAC1 MON OR BUS 4 FROM FCDC2	279334 EFCS 2	2 27-ECAM
ELAC1 MON OR WIRING FROM ACCLRM 1 12CE1	279334 EFCS 1	2 27-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA SOURCE	CLASS	CH-PB101
ELAC1 MON OR WIRING FROM ACCLRM 1 12CE1 ELAC1 MON OR WIRING FROM ACCLRM 2 12CE2 ELAC1 MON OR WIRING FROM ACCLRM 2 12CE2	279334 EFCS 2	2	27-ECAM
ELAC1 MON OR WIRING FROM ACCLRM 2 12CE2	279334 EFCS 1	2	27-ECAM
ELAC1 MON OR WIRING FROM ACCLRM 2 12CE2	279334 EFCS 2	2	27-ECAM
ELAC1 MON OR WIRING FROM L B AIL POS XDCR	279334 EFCS 1	1	27-ECAM
33CE3			
ELAC1 MON OR WIRING FROM L B AIL POS XDCR	279334 EFCS 2	1	27-ECAM
33CE3			
ELAC1 MON OR WIRING FROM R G AIL POS XDCR	279334 EFCS 1	1	27-ECAM
33CE2			
ELAC1 MON OR WIRING FROM R G AIL POS XDCR	279334 EFCS 2	1	27-ECAM
33CE2			
ELAC1 MON OR WIRING FROM THS ACTR XDCR2 9CE	279334 EFCS 1	1	27-ECAM
ELAC1 MON OR WIRING FROM THS ACTR XDCR2 9CE	279334 FFCS 2	1	27-ECAM
ELAC1 MON OR WIRING TO L B ELEV SERVO VLV			27-ECAM
34CE3	217334 2100 1	•	LI LOAN
ELAC1 MON OR WIRING TO L B ELEV SERVO VLV	279334 FFCS 2	1	27-ECAM
34CE3	217334 E100 E	•	ET EURIT
ELAC1 MON OR WIRING TO R B ELEV SERVO VLV	279334 FFCS 1	1	27-ECAM
34CE4	217334 1103 1		ZI LUAN
ELAC1 MON OR WIRING TO R B ELEV SERVO VLV	27933/ FFCS 2	1	27-ECAM
34CE4	217334 L103 Z	'	ZI LUAN
ELAC1 OR BUS FROM ELAC2	279334 EFCS 1	1	27-ECAM
ELAC1 OR BUS FROM ELAC2	279334 EFCS 2		27-ECAM
ELAC1 OR BUS FROM SEC1	279334 EFCS 1		27-ECAM
ELAC1 OR BUS FROM SEC1	279334 EFCS 2		27-ECAM
ELAC1 OR BUS FROM SEC2	279334 EFCS 1		27-ECAM
ELAC1 OR BUS FROM SEC2	279334 EFCS 2		27-ECAM
ELAC1 OR INPUT OF CAPT PITCH CTL SSTU 4CE3			27-ECAM
ELACT OR INPUT OF CAPT PITCH CTL SSTU 4CE3	279334 EFCS 2		27-ECAM
ELACT OR INPUT OF CAPT FITCH CTL 33TO 4CES	279334 EFCS 1		27-ECAM
ELACT OR INPUT OF CAPT ROLL CTL SSTU 4CE1	279334 EFCS 1		27-0BSV
ELAC1 OR INPUT OF CAPT ROLL CTL SSTU 4CE1	279334 EFCS 2		27-ECAM
	279334 EFCS 2		27-0BSV
ELACT OR INPUT OF CAPT ROLL CTL SSTU 4CET	279334 EFCS 1	1	27-ECAM
ELACT OR INPUT OF F/O PITCH CTL SSTU 4CE4	279334 EFCS 2	1	27-ECAM
ELACT OR INPUT OF F/O PITCH CTL SSTU 4CE4  ELAC1 OR INPUT OF F/O ROLL CTL SSTU 4CE2	279334 EFCS 2	1	27-ECAM
ELAC1 OR INPUT OF F/O ROLL CTL SSTU 4CE2	279334 EFCS 1	1	27-0BSV
ELACT OR INPUT OF F/O ROLL CTL SSTU 4CE2	279334 EFCS 1		27-ECAM
		1	
ELAC1 OR INPUT OF F/O ROLL CTL SSTU 4CE2 ELAC1 OR INPUT OF L PEDALS XDCR UNIT 25CE1	279334 EFCS 2 279334 EFCS 1	1	27-0BSV 27-ECAM
ELAC1 OR INPUT OF L PEDALS XDCR UNIT 25CE1	279334 EFCS 2	1	27-ECAM
ELAC1 OR INPUT OF R PEDALS XDCR UNIT 25CE2	279334 EFCS 1	1	27-ECAM
ELAC1 OR INPUT OF R PEDALS XDCR UNIT 25CE2	279334 EFCS 2	1	27-ECAM
ELAC1 OR WIRING FROM B HYD PRESS SW1	279334 EFCS 1	2	27-ECAM
ELAC1 OR WIRING FROM B HYD PRESS SW1	279334 EFCS 2	2	27-ECAM
ELAC1 OR WIRING FROM B HYD PRESS SW2	279334 EFCS 1	2	27-ECAM
ELAC1 OR WIRING FROM B HYD PRESS SW2	279334 EFCS 2		27-ECAM
ELAC1 OR WIRING FROM B HYD PRESS XMTR 2065GN	217334 EFLS 1	2	27-ECAM

EFF: ALL

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
ELAC1 OR WIRING FROM B HYD PRESS XMTR 2065GN	279334	FFCS 2		27-ECAM
				27-ECAM
FLAC1 OR WIRING FROM FAC1/2	279334	EFCS 2	1	27-ECAM
ELAC1 OR WIRING FROM FAC1/2 ELAC1 OR WIRING FROM FAC1/2 ELAC1 OR WIRING FROM G HYD PRESS SW1	279334	FFCS 1	2	27-ECAM
ELAC1 OR WIRING FROM G HYD PRESS SW1	279334	FFCS 2	2	27-ECAM
ELAC1 OR WIRING FROM G HYD PRESS SW2				27-ECAM
ELACT OR WIRING FROM G HYD PRESS SW2				27-ECAM
ELACT OR WIRING FROM G HYD PRESS XMTR 1065GN				27-ECAM
ELACT OR WIRING FROM G HYD PRESS XMTR 1005GN				27-ECAM
ELACT OR WIRING FROM L B ELEV POS XDCR 34CE3				27-ECAM
ELACT OR WIRING FROM L B ELEV POS XDCR 34CE3				27-ECAM
ELACT OR WIRING FROM L B ELEV POS ADER 34CES  ELAC1 OR WIRING FROM L ELEV POS MON XDCR				27-ECAM
ELACT OR WIRING FROM L ELEV POS MON XDCR				27-ECAM
				27-ECAM
ELAC1 OR WIRING FROM L G ELEV MODE XDCR 34CE1				
ELAC1 OR WIRING FROM L G ELEV MODE XDCR 34CE1				27-ECAM
ELAC1 OR WIRING FROM R B ELEV POS XDCR 34CE4		EFCS 1		27-ECAM
ELAC1 OR WIRING FROM R B ELEV POS XDCR 34CE4				27-ECAM
ELAC1 OR WIRING FROM R ELEV POS MON XDCR				27-ECAM
ELAC1 OR WIRING FROM R ELEV POS MON XDCR				27-ECAM
ELAC1 OR WIRING FROM R Y ELEV MODE XDCR 34CE2				27-ECAM
ELAC1 OR WIRING FROM R Y ELEV MODE XDCR 34CE2		EFCS 2		27-ECAM
ELAC1 OR WIRING FROM SFCC1		EFCS 1		27-ECAM
ELAC1 OR WIRING FROM SFCC1		EFCS 2		27-ECAM
		EFCS 1		27-ECAM
ELAC1 OR WIRING FROM SFCC2	279334	EFCS 2	2	27-ECAM
ELAC1 OR WIRING FROM Y HYD PRESS SW1				27-ECAM
ELAC1 OR WIRING FROM Y HYD PRESS SW1	279334	EFCS 2	2	27-ECAM
ELAC1 OR WIRING FROM Y HYD PRESS SW2	279334	EFCS 1	2	27-ECAM
ELAC1 OR WIRING FROM Y HYD PRESS SW2				27-ECAM
ELAC1 OR WIRING FROM Y HYD PRESS XMTR 3065GN				27-ECAM
ELAC1 OR WIRING FROM Y HYD PRESS XMTR 3065GN		EFCS 2		27-ECAM
ELAC1 OR WIRING TO L G ELEV SOL VLV 34CE1	279334	EFCS 1	1	27-ECAM
ELAC1 OR WIRING TO L G ELEV SOL VLV 34CE1	279334	EFCS 2	1	27-ECAM
ELAC1 OR WIRING TO R Y ELEV SOL VLV 34CE2	279334	EFCS 1	1	27-ECAM
ELAC1 OR WIRING TO RY ELEV SOL VLV 34CE2	279334	EFCS 2	1	
ELAC1 OR WIRING TO THS ACTR SERVO MOT2 9CE				27-ECAM
ELAC1 OR WIRING TO THS ACTR SERVO MOT2 9CE				27-ECAM
ELAC1 RACKING INPUTS	279334	EFCS 1	1	27-ECAM
ELAC1 RACKING INPUTS	279334	EFCS 2	1	27-ECAM
ELAC1 SDI INPUTS	279334	EFCS 1	1	27-ECAM
ELAC1 SDI INPUTS	279334	EFCS 2	1	27-ECAM
ELAC1+2(2CE1+2)/ BSCU(10GG)	279334	BSCU 1	1	32-ECAM
ELAC1+2(2CE1+2)/ BSCU(10GG)	279334	BSCU 2	1	32-ECAM
ELAC2	279334	EFCS 1		22-ECAM
ELAC2	279334	EFCS 1		27-ECAM
ELAC2	279334	EFCS 2		22-ECAM
ELAC2				27-ECAM
ELAC2 ADR DATA DISAGREE		EFCS 1		27-CFDS

EFF: ALL

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES  ELAC2 ADR DATA DISAGREE ELAC2 AIL ORDER DISAGREE ELAC2 COM BUS 1 ELAC2 COM BUS 1 ELAC2 COM BUS 2 ELAC2 COM BUS 2 ELAC2 COM BUS 5 ELAC2 COM OR BUS FROM FMGC1 ELAC2 COM OR BUS FROM FMGC1 ELAC2 COM OR BUS FROM FMGC2 ELAC2 COM OR BUS FROM FMGC2 ELAC2 COM OR BUS FROM ADR1 ELAC2 COM OR BUS 2 FROM ADR1 ELAC2 COM OR BUS 2 FROM ADR3 ELAC2 COM OR BUS 2 FROM ADR3 ELAC2 COM OR BUS 2 FROM IR1 ELAC2 COM OR BUS 2 FROM IR1 ELAC2 COM OR BUS 2 FROM IR1 ELAC2 COM OR BUS 2 FROM IR3 ELAC2 COM OR BUS 2 FROM IR3 ELAC2 COM OR BUS 5 FROM FCDC2 ELAC2 COM OR BUS 5 FROM FCDC2 ELAC2 COM OR BUS 5 FROM FCDC2 ELAC2 COM OR INPUT OF THS ACTR XDCR1 9CE ELAC2 COM OR INPUT OF THS ACTR XDCR1 9CE ELAC2 COM OR WIRING FROM ACCLRM 3 12CE3 ELAC2 COM OR WIRING FROM ACCLRM 3 12CE3 ELAC2 COM OR WIRING FROM ACCLRM 4 12CE4	АТА	SOURCE	CLASS	CH-PB101
ELAC2 ADR DATA DISAGREE	279334	EFCS 2	2	27-CFDS
ELAC2 AIL ORDER DISAGREE	279334	EFCS 1	1	27-ECAM
ELAC2 AIL ORDER DISAGREE	279334	EFCS 1	1	27-0BSV
ELAC2 AIL ORDER DISAGREE	279334	EFCS 2	1	27-ECAM
ELAC2 AIL ORDER DISAGREE	279334	EFCS 2	1	27-0BSV
ELAC2 COM BUS 1	279334	EFCS 1	2	27-ECAM
ELAC2 COM BUS 1	279334	EFCS 2	2	27-ECAM
ELAC2 COM BUS 2	279334	EFCS 1	2	27-ECAM
ELAC2 COM BUS 2	279334	EFCS 2	2	27-ECAM
ELAC2 COM OR BUS FROM FMGC1	279334	EFCS 1	2	27-ECAM
ELAC2 COM OR BUS FROM FMGC1	279334	EFCS 2	2	27-ECAM
ELAC2 COM OR BUS FROM FMGC2	279334	EFCS 1	2	27-ECAM
ELAC2 COM OR BUS FROM FMGC2	279334	EFCS 2	2	27-ECAM
FLAC2 COM OR BUS 2 FROM ADR1	279334	FFCS 1	2	27-ECAM
FLAC2 COM OR BUS 2 FROM ADR1	279334	FFCS 2	2	27-ECAM
FLAC2 COM OR BUS 2 FROM ADR3	279334	FFCS 1	2	27-ECAM
FLAC2 COM OR BUS 2 FROM ADR3	279334	FFCS 2	2	27-ECAM
FLAC2 COM OR BUS 2 FROM TP1	279334	FFCS 1	2	27-ECAM
FLAC2 COM OR BUS 2 FROM IR1	279334	EFCS 2	2	27-ECAM
FLAC2 COM OR BUS 2 FROM TRY	279334	FFCS 1	2	27-ECAM
ELACZ COM OD RUS 2 FROM TR3	270334	ELCS 3	2	27-ECAM
ELAC2 COM OR BUS 5 EDOM ECDC2	27077/	EFCS 1	2	27-ECAM
ELACZ COM OD DUC 5 EDOM ECDCZ	217334	ELCO J	2	27-ECAM
ELACZ COM OR TARLIT OF THE ACTR VACRA OCE	217334	EFCS 1	4	27-ECAM
FLAC2 COM OR INPUT OF THE ACTR VDCR4 OCC	217334	ELCS J	1	27 FCAM
FLAC2 COM OR LITTING FROM ACCURM 7 42CF7	217334	EFCS 4	1	27-ECAM
ELACZ COM OR UTBING FROM ACCURM 3 12CE3	279334	ELCO J	2	27-ECAM
ELACZ COM OR UTBING FROM ACCURM / 12CE/	279334	EFCS 4	2	27-ECAM
ELACZ COM OR WIRING FROM ACCURM 4 12CE4	279334	ELC2 J	2	27-ECAM
ELACZ COM OR WIRING FROM ACCERM 4 12CE4	279334	EFUS Z	2	27-ECAM
ELAC2 COM OR WIRING FROM L G AIL POS XDCR	279334	EFCS 1	1	27-ECAM
33CE1	27277		4	07
ELAC2 COM OR WIRING FROM L G AIL POS XDCR	279334	EFCS 2	1	27-ECAM
33CE1			_	<b></b>
ELAC2 COM OR WIRING FROM R B AIL POS XDCR	279334	EFCS 1	1	27-ECAM
33CE4				
ELAC2 COM OR WIRING FROM R B AIL POS XDCR	279334	EFCS 2	1	27-ECAM
33CE4				
ELAC2 COM OR WIRING TO L G ELEV SERVO VLV	279334	EFCS 1	1	27-ECAM
34CE1				
ELAC2 COM OR WIRING TO L G ELEV SERVO VLV	279334	EFCS 2	1	27-ECAM
34CE1				
ELAC2 COM OR WIRING TO R Y ELEV SERVO VLV	279334	EFCS 1	1	27-ECAM
34CE2				
ELAC2 COM OR WIRING TO R Y ELEV SERVO VLV	279334	EFCS 2	1	27-ECAM
34CE2				
	27077/	EFCS 1	1	27-CFDS
ELAC2 IR DATA DISAGREE	217334	LICS I	•	
ELAC2 IR DATA DISAGREE ELAC2 IR DATA DISAGREE		EFCS 2		27-CFDS

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA 	SOURCE	CLASS	CH-PB101
ELAC2 MON BUS 1 ELAC2 MON BUS 2 ELAC2 MON BUS 2 ELAC2 MON OR BUS FROM FMGC1 ELAC2 MON OR BUS FROM FMGC1 ELAC2 MON OR BUS FROM FMGC2 ELAC2 MON OR BUS FROM FMGC2 ELAC2 MON OR BUS FROM ADR2 ELAC2 MON OR BUS 2 FROM ADR2 ELAC2 MON OR BUS 2 FROM ADR3 ELAC2 MON OR BUS 2 FROM ADR3 ELAC2 MON OR BUS 2 FROM ADR3 ELAC2 MON OR BUS 2 FROM IR2 ELAC2 MON OR BUS 2 FROM IR2 ELAC2 MON OR BUS 2 FROM IR3 ELAC2 MON OR BUS 2 FROM IR3 ELAC2 MON OR BUS 2 FROM IR3 ELAC2 MON OR BUS 6 FROM FCDC1 ELAC2 MON OR BUS 6 FROM FCDC1 ELAC2 MON OR INPUT OF THS ACTR XDCR 1 9CE	279334	EFCS 2	2	27-ECAM
ELAC2 MON BUS 2	279334	EFCS 1	2	27-ECAM
ELAC2 MON BUS 2	279334	EFCS 2	2	27-ECAM
ELAC2 MON OR BUS FROM FMGC1	279334	EFCS 1	2	27-ECAM
ELAC2 MON OR BUS FROM FMGC1	279334	EFCS 2	2	27-ECAM
ELAC2 MON OR BUS FROM FMGC2	279334	EFCS 1	2	27-ECAM
ELAC2 MON OR BUS FROM FMGC2	279334	EFCS 2	2	27-ECAM
ELAC2 MON OR BUS 2 FROM ADR2	279334	EFCS 1	2	27-ECAM
ELAC2 MON OR BUS 2 FROM ADR2	279334	EFCS 2	2	27-ECAM
ELAC2 MON OR BUS 2 FROM ADR3	279334	EFCS 1	2	27-ECAM
ELAC2 MON OR BUS 2 FROM ADR3	279334	EFCS 2	2	27-ECAM
ELAC2 MON OR BUS 2 FROM IR2	279334	EFCS 1	2	27-ECAM
ELAC2 MON OR BUS 2 FROM IR2	279334	EFCS 2	2	27-ECAM
ELAC2 MON OR BUS 2 FROM IR3	279334	EFCS 1	2	27-ECAM
ELAC2 MON OR BUS 2 FROM IR3	279334	EFCS 2	2	27-ECAM
ELAC2 MON OR BUS 6 FROM FCDC1	279334	EFCS 1	2	27-ECAM
ELAC2 MON OR BUS 6 FROM FCDC1	279334	EFCS 2	2	27-ECAM
ELAC2 MON OR INPUT OF THS ACTR XDCR 1 9CE	279334	EFCS 1	1	27-ECAM
ELAC2 MON OR INPUT OF THS ACTR XDCR 1 9CE	279334	EFCS 2	1	27-ECAM
ELAC2 MON OR WIRING FROM ACCLRM 3 12CE3	279334	EFCS 1	2	27-ECAM
ELAC2 MON OR WIRING FROM ACCLRM 3 12CE3	279334	EFCS 2	2	27-ECAM
ELAC2 MON OR WIRING FROM ACCLRM 4 12CE4	279334		2	27-ECAM
ELAC2 MON OR WIRING FROM ACCLRM 4 12CE4			2	27-ECAM
ELAC2 MON OR WIRING FROM L G AIL POS XDCR			1	27-ECAM
33CE1				
ELAC2 MON OR WIRING FROM L G AIL POS XDCR	279334	EFCS 2	1	27-ECAM
33CE1				
ELAC2 MON OR WIRING FROM R B AIL POS XDCR	279334	EFCS 1	1	27-ECAM
33CE4				
ELAC2 MON OR WIRING FROM R B AIL POS XDCR	279334	EFCS 2	1	27-ECAM
33CE4				
ELAC2 MON OR WIRING TO L G ELEV SERVO VLV	279334	EFCS 1	1	27-ECAM
34CE1				
ELAC2 MON OR WIRING TO L G ELEV SERVO VLV	279334	EFCS 2	1	27-ECAM
34CE1				
ELAC2 MON OR WIRING TO R Y ELEV SERVO VLV	279334	EFCS 1	1	27-ECAM
34CE2				
ELAC2 MON OR WIRING TO R Y ELEV SERVO VLV	279334	EFCS 2	1	27-ECAM
34CE2				
ELAC2 OR BUS FROM ELAC1	279334	EFCS 1	1	27-ECAM
ELAC2 OR BUS FROM ELAC1		EFCS 2		27-ECAM
ELAC2 OR BUS FROM SEC1		EFCS 1		27-ECAM
ELAC2 OR BUS FROM SEC1		EFCS 2		27-ECAM
ELAC2 OR BUS FROM SEC2		EFCS 1		27-ECAM
ELAC2 OR BUS FROM SEC2		EFCS 2		27-ECAM
ELAC2 OR INPUT OF CAPT PITCH CTL SSTU 4CE3				27-ECAM
ELAC2 OR INPUT OF CAPT PITCH CTL SSTU 4CE3				27-ECAM
ELAC2 OR INPUT OF CAPT ROLL CTL SSTU 4CE1				27-ECAM
		- <del>-</del> -	-	=

EFF: ALL

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA SO	OURCE	CLASS	CH-PB101
ELAC2 OR INPUT OF CAPT ROLL CTL SSTU 4CE1	279334 E	FCS 2	1	27-ECAM
ELAC2 OR INPUT OF F/O PITCH CTL SSTU 4CE4	279334 E	FCS 1	1	27-ECAM
ELAC2 OR INPUT OF F/O PITCH CTL SSTU 4CE4	279334 E	FCS 2	1	27-ECAM
ELAC2 OR INPUT OF F/O ROLL CTL SSTU 4CE2	279334 E	FCS 1	1	27-ECAM
ELAC2 OR INPUT OF F/O ROLL CTL SSTU 4CE2	279334 E	FCS 2	1	27-ECAM
ELAC2 OR INPUT OF L PEDALS XDCR UNIT 25CE1	279334 E	FCS 1	1	27-ECAM
ELAC2 OR INPUT OF L PEDALS XDCR UNIT 25CE1	279334 E	FCS 2	1	27-ECAM
ELAC2 OR INPUT OF R PEDALS XDCR UNIT 25CE2	279334 E		1	27-ECAM
ELAC2 OR INPUT OF R PEDALS XDCR UNIT 25CE2	279334 E	FCS 2	1	27-ECAM
ELAC2 OR OUTPUT TO THS ACTR SERVO MOT 1 9CE	279334 E	FCS 1	1	27-ECAM
ELAC2 OR OUTPUT TO THS ACTR SERVO MOT 1 9CE	279334 E	FCS 2	1	27-ECAM
ELAC2 OR WIRING FROM B HYD PRESS SW1 ELAC2 OR WIRING FROM B HYD PRESS SW1	279334 E	FCS 1	2	27-ECAM
ELAC2 OR WIRING FROM B HYD PRESS SW1	279334 E	FCS 2	2	27-ECAM
ELAC2 OR WIRING FROM B HYD PRESS SW2	279334 E	FCS 1	2	27-ECAM
ELAC2 OR WIRING FROM B HYD PRESS SW2	279334 E	FCS 2	2	27-ECAM
ELAC2 OR WIRING FROM B HYD PRESS XMTR 2065GN	279334 E	FCS 1	2	27-ECAM
ELAC2 OR WIRING FROM B HYD PRESS XMTR 2065GN			2	27-ECAM
ELAC2 OR WIRING FROM FAC1/2	279334 E	FCS 1	1	27-ECAM
ELAC2 OR WIRING FROM FAC1/2 ELAC2 OR WIRING FROM FAC1/2 ELAC2 OR WIRING FROM G HYD PRESS SW1 ELAC2 OR WIRING FROM G HYD PRESS SW1	279334 E	FCS 2	1	27-ECAM
ELAC2 OR WIRING FROM G HYD PRESS SW1	279334 E	FCS 1	2	27-ECAM
ELAC2 OR WIRING FROM G HYD PRESS SW1	279334 E	FCS 2	2	27-ECAM
ELAC2 OR WIRING FROM G HYD PRESS SW2	279334 E	FCS 1	2	27-ECAM
ELAC2 OR WIRING FROM G HYD PRESS SW2	279334 E	FCS 2	2	27-ECAM
ELAC2 OR WIRING FROM G HYD PRESS XMTR 1065GN			2	27-ECAM
ELAC2 OR WIRING FROM G HYD PRESS XMTR 1065GN			2	27-ECAM
ELAC2 OR WIRING FROM L B ELEV MODE XDCR 34CE3			1	27-ECAM
ELAC2 OR WIRING FROM L B ELEV MODE XDCR 34CE3			1	27-ECAM
ELAC2 OR WIRING FROM L ELEV POS MON XDCR			1	27-ECAM
ELAC2 OR WIRING FROM L ELEV POS MON XDCR			1	27-ECAM
ELAC2 OR WIRING FROM L G ELEV POS XDCR 34CE1			1	27-ECAM
ELAC2 OR WIRING FROM L G ELEV POS XDCR 34CE1	279334 E	FCS 2		27-ECAM
ELAC2 OR WIRING FROM R B ELEV MODE XDCR 34CE4	279334 E	FCS 1	1	27-ECAM
ELAC2 OR WIRING FROM R B ELEV MODE XDCR 34CE4	279334 E	FCS 2	1	27-ECAM
ELAC2 OR WIRING FROM R ELEV POS MON XDCR			1	27-ECAM
ELAC2 OR WIRING FROM R ELEV POS MON XDCR	279334 E	FCS 2	1	27-ECAM
ELAC2 OR WIRING FROM R Y ELEV POS XDCR 34CE2	279334 E		1	27-ECAM
ELAC2 OR WIRING FROM R Y ELEV POS XDCR 34CE2	279334 E		1	27-ECAM
ELAC2 OR WIRING FROM SFCC1	279334 E		2	27-ECAM
ELAC2 OR WIRING FROM SFCC1	279334 E		2	27-ECAM
ELAC2 OR WIRING FROM SFCC2	279334 E		2	27-ECAM
ELAC2 OR WIRING FROM SFCC2	279334 E		2	27-ECAM
ELAC2 OR WIRING FROM Y HYD PRESS SW1	279334 E		2	27-ECAM
ELAC2 OR WIRING FROM Y HYD PRESS SW1	279334 E		2	27-ECAM
ELAC2 OR WIRING FROM Y HYD PRESS SW2	279334 E		2	27-ECAM
ELAC2 OR WIRING FROM Y HYD PRESS SW2	279334 E		2	27-ECAM
	279334 E		2	27-ECAM
ELAC2 OR WIRING FROM Y HYD PRESS XMTR 3065GN	279334 E		2	27-ECAM
ELAC2 RACKING INPUTS	279334 E		1	27-ECAM
<del></del>			-	. =

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB10
ELAC2 RACKING INPUTS	279334	EFCS 2 EFCS 1 EFCS 2 EFCS 1	1	27-ECAM
ELAC2 SDI INPUTS	279334	EFCS 1	1	27-ECAM
ELAC2 SDI INPUTS	279334	EFCS 2	1	27-ECAM
EMER DISCRETE DISAGREE	279334	EFCS 1	2	27-ECAM
EMER DISCRETE DISAGREE	279334	EFCS 2	2	27-ECAM
EMERGENCY	ASD	APU	*	49-ECAM
EMERGENCY STOP	ASD	APU	*	49-ECAM
ENG MASTER SW1 (3KC)/ GCU1 (1XU1)	761200 761200 761200 761200 761200	AC GEN	1	24-ECAM
ENG MASTER SW1 (3KC)/ GCU1 (1XU1)	761200	AC GEN	2	24-ECAM
ENG MASTER SW1 (3KC)/ GCU1 (1XU1)	761200	AC GEN	3	76-CFDS
ENG MASTER SW2 (2KC)/ GCU2 (1XU2)	761200	AC GEN	1	24-ECAM
ENG MASTER SW2 (2KC)/ GCU2 (1XU2)	761200	AC GEN	2	24-ECAM
ENG MASTER SW1 (3KC)/ GCU1 (1XU1) ENG MASTER SW1 (3KC)/ GCU1 (1XU1) ENG MASTER SW2 (2KC)/ GCU2 (1XU2) ENG MASTER SW2 (2KC)/ GCU2 (1XU2) ENG MASTER SW2 (2KC)/ GCU2 (1XU2)	101200	AC GEN	3	76-CFDS
ENGINE ENGIA	120000	EIU1FAD		77-ECAM
ENGINE ENG1B		EIU1FAD		77-ECAM
ENGINE ENG2A		EIU2FAD		77-ECAM
ENGINE ENG2B		EIU2FAD		77-ECAM
ENG1 BRG1 ACCEL		EVMU		77-ECAM
ENG1 FIRE PB SW (1WD)/ GCU1 (1XU1)	261200	AC GEN	1	24-ECAM
ENG1 N1 SPEED SENSOR	771115	EVMU	1	77-ECAM
ENG1 N1 SPEED SENSOR	771115	EVMU	2	77-ECAM
ENG1 N2 SPEED SENSOR	771215	EVMU EVMU EVMU BMC 1	2	77-ECAM
ENG1 PYLON LOOP	362215	BMC 1	1	36-CFDS
ENG1 PYLON LOOP INOP	302213	ו שוים		36-ECAM
ENG1 PYLON LOOP INOP	362215	BMC 1 EVMU	2	36-ECAM
ENG1 SECOND ACCEL	773218	EVMU	2	77-ECAM
ENG2 BRG1 ACCEL	(13216	EVMU	2	77-ECAM
ENG2 FIRE PB SW (1WD)/ GCU2 (1XU2)	261200	AC GEN		24-ECAM
ENG2 N1 SPEED SENSOR		EVMU		77-ECAM
ENG2 N1 SPEED SENSOR ENG2 N2 SPEED SENSOR	774245	EVMU EVMU	2	77-ECAM
	7/1215	BMC 2	2	77-ECAM
ENG2 PYLON LOOP ENG2 PYLON LOOP INOP	302213	BMC 2	1	36-CFDS
ENG2 PYLON LOOP INOP ENG2 PYLON LOOP INOP	302213	BMC 2 BMC 2	1	36-ECAM
		EVMU		77-ECAM
ENG2 SECOND ACCEL				
EOT SNSR, J13, ECU		EIU1FAD		77-ECAM 77-ECAM
EOT SNSR, J13, ECU		EIU2FAD EIU1FAD		77-ECAM
EOT SNSR, J13, ECU ENG1A EOT SNSR, J13, ECU ENG1A		EIU1FAD		79-CFDS
EOT SNSR, J13, ECU ENGTA EOT SNSR, J13, ECU ENG1A		EIU1FAD		77-ECAM
EOT SNSR, J13, ECU ENGTA		EIU1FAD		79-CFDS
EOT SNSR, J13, ECU ENGTA		EIU1FAD		79-CFDS
EOT SNSR, J13, ECU ENGIB		EIU1FAD		77-ECAM
EOT SNSR, J13, ECU ENGIB		EIU1FAD		77-ECAM
EOT SNSR, J13, ECU ENGIB EOT SNSR, J13, ECU ENG2A		EIU2FAD		77-ECAM
EOT SNSR, J13, ECU ENGZA EOT SNSR, J13, ECU ENGZA		EIU2FAD		79-CFDS
		EIU2FAD		77-ECAM
EOT SNSR, J13, ECU ENG2A				

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
OT SNSR, J13, ECU ENG2B	793140	EIU2FAD	S	79-CFDS
OT SNSR, J13, ECU ENG2B	793140	EIU2FAD	2	77-ECAM
OT SNSR, J13, ECU ENG2B	793140	EIU2FAD	2	79-CFDS
PROM FAILURE (CPU2)	313634	DMU	2	31-ECAM
PROM I/O FAILURE (CPU1)	313634	DMU	2	31-ECAM
PSU COMM EMER L,R	335138	CIDS 1	1	33-CFDS
PSU BAT CAP AFT L	335138	CIDS 1	1	33-CFDS
PSU BAT CAP EMER L,R	335138	CIDS 1	1	33-CFDS
PSU BAT CAP AFT L PSU BAT CAP EMER L,R PSU BAT CAP FWD L	335138	CIDS 1	1	33-CFDS
SU BAT CAP MID L,R	335138	CIDS 1	1	33-CFDS
PSU BATT CAP EXIT L,R	335138	CIDS 1	1	33-CFDS
	335138	CIDS 1	1	33-CFDS
PSU BATTERY EMER L,R	335138	CIDS 1	1	33-CFDS
PSU BATTERY EXIT L',R	335138	CIDS 1	1	33-CFDS
PSU BATTERY AFT L PSU BATTERY EMER L,R PSU BATTERY EXIT L,R PSU BATTERY FWD L	335138	CIDS 1	1	33-CFDS
PSU BATTERY MID L,R	335138	CIDS 1	1	33-CFDS
PSU BATTERY MID L,R PSU COMM AFT L PSU COMM EXIT L,R PSU COMM FWD L PSU COMM MID L,R PSU EXT LOAD AFT L PSU EXT LOAD EMER L,R PSU EXT LOAD EXIT L,R PSU EXT LOAD FWD I	335138	EIU2FAD EIU2FAD DMU CIDS 1	1	33-CFDS
SU COMM EXIT L.R	335138	CIDS 1	1	33-CFDS
PSU COMM FWD L	335138	CIDS 1	1	33-CFDS
PSU COMM MID L.R	335138	CIDS 1	1	33-CFDS
PSII FXT LOAD AFT L	335138	CIDS 1	1	33-CFDS
PSU EXT LOAD EMER L.R	335138	CIDS 1	1	33-CFDS
PSU FXT LOAD FXTT L.R	335138	CIDS 1	1	33-CFDS
PSU EXT LOAD FWD L PSU EXT LOAD MID L,R PSU INT LOAD AFT L PSU INT LOAD EMER L,R PSU INT LOAD EXIT L,R PSU INT LOAD FWD L PSU INT LOAD MID L,R	335138	CIDS 1	1	33-CFDS
PSU FXT LOAD MID L.R	335138	CIDS 1	1	33-CFDS
PSII INT LOAD AFT L	335138	CIDS 1	1	33-CFDS
PSII INT LOAD EMER L.R	335138	CIDS 1	1	33-CFDS
PSIL INT LOAD EXIT L.R	335138	CIDS 1	1	33-CFDS
PSII INT LOAD FWD I	335 138 335 138	CIDS 1	1	33-CFDS
SU INT LOAD MID L,R	335138	CIDS 1	1	33-CFDS
PSU UNIT AFT L	335 138 335 138	CIDS 1	1	33-CFDS
PSU UNIT EMER L,R	335 138	CIDS 1	1	33-CFDS
PSU UNIT EXIT L,R	335 138 335 138	CIDS 1	1	33-CFDS
PSU UNIT FWD L	335138	CIDS 1	1	33-CFDS
PSU UNIT MID L,R	335 138 335 138	CIDS 1	1	33-CFDS
PSU 115 VAC AFT L	335 138 335 138	CIDS 1	1	33-CFDS
PSU 115 VAC EMER L.R		CIDS 1		33-CFDS
PSU 115 VAC EXIT L,R		CIDS 1		33-CFDS
PSU 115 VAC EXIT L,R		CIDS 1		33-CFDS
PSU 115 VAC FWD L		CIDS 1		33-CFDS
PSU 28 VDC AFT L		CIDS 1	1	33-CFDS
PSU 28 VDC AFT L		CIDS 1	1	33-CFDS
PSU 28 VDC EXIT L,R		CIDS 1	1	33-CFDS
PSU 28 VDC EXII L,K				33-CFDS
		CIDS 1	1	
PSU 28 VDC MID L,R		CIDS 1	1	33-CFDS
SS TR	243451		3	24-CFDS
/MU	773234		1	77-ECAM
/MU	773234	EVMU	2	77-ECAM

EFF: ALL

SROS

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
EVMU EVMU (2EV) / DMU (1TV) EVMU (2EV) / FDIMU (10TV) EXT PWR INTLK/GAPCU (24XG)	773234	EVMU DMU	3	77-CFDS
EVMU (2EV) / DMU (1TV)	773234	DMU	3	77-CFDS
EVMU (2EV) / FDIMU (10TV)	773234	DMU	3	77-CFDS
EXT PWR INTLK/GAPCU (24XG)	244000	AC GEN		24-0BSV
XT PWR PILIG/WRG- FXT PWR INTLK/GAPCII (24XG)	244NNN	AC GEN	1	24-0BSV
EXTERNAL POWER + CHECK INTERLOCK EXTERNAL POWER + GAPCU (24XG) EXTERNAL POWER + GAPCU (24XG) EXTERNAL POWER INTERLOCK /GAPCU (24XG) EXTERNAL POWER UNBALANCE EXTERNAL POWER/ GAPCU (24XG)	244000	AC GEN	1	24-0BSV
EXTERNAL POWER + CHECK INTERLOCK	244000	AC GEN	1	24-0BSV
EXTERNAL POWER + GAPCU (24XG)	244000	AC GEN	1	24-0BSV
EXTERNAL POWER INTERLOCK /GAPCU (24XG)	244000	AC GEN	1	24-0BSV
XTERNAL POWER UNBALANCE	244134	AC GEN	1	24-0BSV
XTERNAL POWER/ GAPCU (24XG)	244000	AC GEN	1	24-0BSV
XTERNAL POWER/GAPCU (24XG) + CHECK INTERLOCK	244000	AC GEN	1	24-0BSV
XTRACT FAN 18HQ	212651	AEVC	1	21-ECAM
/O PITCH CTL SSTU 4CE4	279212	EFCS 1	1	27-ECAM
XTERNAL POWER/GAPLO (24XG) + CHECK INTERLOCK XTRACT FAN 18HQ /O PITCH CTL SSTU 4CE4 /O PITCH CTL SSTU 4CE2 /O ROLL CTL SSTU 4CE2 /O STEERING HDWL(2GC)/ BSCU(10GG) /O STEERING HDWL(2GC)/ BSCU(10GG) /O STEERING HDWL(2GC)/ BSCU(10GG) /O STEERING HDWL(2GC)/ BSCU(10GG) AC1 (1CC1) / DMU (1TV) AC1 (1CC1) / FDIMU (10TV) AC2 (1CC2) / DMU (1TV) AC2 (1CC2) / FDIMU (10TV) AILURE NOT CLEARLY IDENTIFIED AN AIR V 9HA1 OR THRM 7170HM1	279212	EFCS 2	1	27-ECAM
/O ROLL CTL SSTU 4CE2	279212	EFCS 1	1	27-ECAM
/O ROLL CTL SSTU 4CE2	279212	EFCS 2	1	27-ECAM
/O STEERING HDWL(2GC)/ BSCU(10GG)	325111	BSCU 1	1	32-ECAM
/O STEERING HDWL(2GC)/ BSCU(10GG)	325111	BSCU 1	3	32-CFDS
/O STEERING HDWL(2GC)/ BSCU(10GG)	325111	BSCU 2	1	32-ECAM
/O STEERING HDWL(2GC)/ BSCU(10GG)	325111	BSCU 2	3	32-CFDS
AC1 (1CC1) / DMU (1TV)	226634	DMU	3	22-CFDS
AC1 (1CC1) / FDIMU (1OTV)	226634	DMU	3	22-CFDS
AC2 (1CC2) / DMU (1TV)	226634	DMU	3	22-CFDS
AC2 (1CC2) / FDIMU (1OTV)	226634	DMU	3	22-CFDS
AILURE NOT CLEARLY IDENTIFIED	216334	TEMPCTL	3	21-CFDS
AN AIR V 9HA1 OR THRM 7170HM1	361154	BMC 1	1	30-LOCAL
AN AIR V 9HA1 OR THRM 7170HM1	361154	BMC 1	1	36-CFDS
AN AIR V 9HA1 OR THRM 7170HM1	361154	BMC 1	1	36-ECAM
AN AIR V 9HA1 OR THRM 7170HM1	361154	BMC 1	3	36-CFDS
AN AIR V 9HA1 OR THRM 7170HM1 OR SENSE LINE	361154	BMC 1	1	36-ECAM
AN AIR V 9HA1 OR THRM 7170HM1 OR SENSE LINE	361154	BMC 1	3	36-CFDS
AN AIR V 9HA2 OR THRM 7170HM2	361154	BMC 2	1	30-LOCAL
AN AIR V 9HA2 OR THRM 7170HM2	361154	BMC 2	1	36-CFDS
AN AIR V 9HA2 OR THRM 7170HM2		BMC 2	1	36-ECAM
AN AIR V 9HA2 OR THRM 7170HM2	361154	BMC 2	3	36-CFDS
AN AIR V 9HA2 OR THRM 7170HM2 OR SENSE LINE	361154	BMC 2	1	36-ECAM
AN AIR V 9HA2 OR THRM 7170HM2 OR SENSE LINE	361154	BMC 2	3	36-CFDS
CDC1	279534	EFCS 1	1	27-ECAM
CDC1	279534	EFCS 2	1	27-ECAM
CDC1 (3CE1) / DMU (1TV)	279534		3	27-CFDS
CDC1 (3CE1) / FDIMU (1OTV)	279534		3	27-CFDS
CDC1 BUS 3	279534	EFCS 1	2	27-ECAM
CDC1 BUS 3	279534	EFCS 2	2	27-ECAM
CDC1 BUS 5	279534	EFCS 1	2	27-ECAM
CDC1 BUS 5	279534	EFCS 2	2	27-ECAM
CDC1 OR BUS FROM SEC1 COM	279534	EFCS 1	2	27-ECAM
CDC1 OR BUS FROM SEC1 COM	0-0	EFCS 2	2	27-ECAM

EFF: ALL

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
FCDC1 OR BUS FROM SEC1 MON	279534	EFCS 1	2	27-ECAM
FCDC1 OR BUS FROM SEC1 MON	279534	EFCS 2	2	27-ECAM
FCDC1 OR BUS FROM SEC2 COM	279534	EFCS 1	2	27-ECAM
FCDC1 OR BUS FROM SEC2 COM	279534	EFCS 2	2	27-ECAM
FCDC1 OR BUS FROM SEC2 MON	279534	EFCS 1	2	27-ECAM
FCDC1 OR BUS FROM SEC2 MON	279534	EFCS 2	2	27-ECAM
FCDC1 OR BUS FROM SEC3 COM	279534	EFCS 1	2	27-ECAM
FCDC1 OR BUS FROM SEC3 COM	279534	EFCS 2	2	27-ECAM
FCDC1 OR BUS FROM SEC3 MON	279534	EFCS 1	2	27-ECAM
FCDC1 OR BUS FROM SEC3 MON	279534	EFCS 2	2	27-ECAM
FCDC1 OR BUS 2 FROM ELAC1 COM	279534	EFCS 1	2	27-ECAM
FCDC1 OR BUS 2 FROM ELAC1 COM	279534	EFCS 2	2	27-ECAM
FCDC1 OR BUS 2 FROM ELAC1 MON	279534	EFCS 1	2	27-ECAM
FCDC1 OR BUS 2 FROM ELAC1 MON	279534	EFCS 2	2	27-ECAM
FCDC1 OR BUS 2 FROM ELAC2 COM	279534	EFCS 1	2	27-ECAM
FORCA OR BUG 3 FROM FLACS COM	279534	EFCS 2	2	27-ECAM
FCDC1 OR BUS 2 FROM ELAC2 MON	279534	EFCS 1	2	27-ECAM
FCDC1 OR BUS 2 FROM ELAC2 MON	279534	EFCS 2	2	27-ECAM
FCDC1 OR BUS 3 FROM FCDC2		EFCS 1		27-ECAM
FCDC1 OR BUS 3 FROM FCDC2	279534	EFCS 2		27-ECAM
FCDC1 SDI INPUTS	279534	EFCS 1	1	27-ECAM
FCDC1 SDI INPUTS		EFCS 2	1	27-ECAM
FCDC2		EFCS 1		27-ECAM
FCDC1 OR BUS 2 FROM ELAC2 COM FCDC1 OR BUS 2 FROM ELAC2 MON FCDC1 OR BUS 3 FROM FCDC2 FCDC1 OR BUS 3 FROM FCDC2 FCDC1 SDI INPUTS FCDC1 SDI INPUTS FCDC2 FCDC2 FCDC2 FCDC2 (3CE2) / DMU (1TV) FCDC2 (3CE2) / FDIMU (1OTV) FCDC2 BUS 3 FCDC2 BUS 3 FCDC2 BUS 6		EFCS 2		27-ECAM
FCDC2 (3CE2) / DMU (1TV)	279534		3	27-CFDS
FCDC2 (3CE2) / FDIMU (10TV)	279634	DMU	3	27-CFDS
FCDC2 BUS 3		EFCS 1		27-ECAM
FCDC2 BUS 3	279534	EFCS 2		27-ECAM
FCDC2 BUS 6	279534	EFCS 1	2	27-ECAM
FCDC2 BUS 6	279534	EFCS 2	2	27-ECAM
FCDC2 OR BUS FROM SEC1 COM	279534	EFCS 1	2	27-ECAM
FCDC2 OR BUS FROM SEC1 COM	279534	EFCS 2	2	27-ECAM
FCDC2 OR BUS FROM SEC1 MON		EFCS 1		27-ECAM
FCDC2 OR BUS FROM SEC1 MON	279534	EFCS 2	2	27-ECAM
FCDC2 OR BUS FROM SEC2 COM	279534	EFCS 1	2	27-ECAM
FCDC2 OR BUS FROM SEC2 COM	279534		2	27-ECAM
FCDC2 OR BUS FROM SEC2 MON	279534	EFCS 1	2	27-ECAM
FCDC2 OR BUS FROM SEC2 MON	279534	EFCS 2	2	27-ECAM
FCDC2 OR BUS FROM SEC3 COM	279534	EFCS 1	2	27-ECAM
FCDC2 OR BUS FROM SEC3 COM	279534	EFCS 2	2	27-ECAM
FCDC2 OR BUS FROM SEC3 MON	279534	EFCS 1	2	27-ECAM
FCDC2 OR BUS FROM SEC3 MON	279534	EFCS 2	2	27-ECAM
FCDC2 OR BUS 2 FROM ELAC1 COM	279534	EFCS 1	2	27-ECAM
FCDC2 OR BUS 2 FROM ELAC1 COM	279534	EFCS 2	2	27-ECAM
FCDC2 OR BUS 2 FROM ELAC1 MON	279534		2	27-ECAM
FCDC2 OR BUS 2 FROM ELAC1 MON		EFCS 2	2	27-ECAM
FCDC2 OR BUS 2 FROM ELAC2 COM	279534	EFCS 1	2	27-ECAM
FCDC2 OR BUS 2 FROM ELAC2 COM		EFCS 2	2	27-ECAM

EFF: ALL

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES				CH-PB101
FCDC2 OR BUS 2 FROM ELAC2 MON FCDC2 OR BUS 3 FROM FCDC1 FCDC2 OR BUS 3 FROM FCDC1 FCDC2 OR BUS 3 FROM FCDC1 FCDC2 SDI INPUTS FCDC2 SDI INPUTS FCU (2CA) / DMU (1TV) FCU (2CA) / FDIMU (1TV) FCU (2CA) / FDIMU (10TV) FCU (2CA) BUS CP-L/ WXR1 (1SQ1) FCU (2CA) BUS CP-R/ WXR1 (1SQ1) FCU (2CA) CP-L BUS/ WXR2 (1SQ2) FCU (2CA) CP-R BUS/ WXR2 (1SQ2) FCU (3CA) FCU (3CA)	279534	EFCS 1	2	27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM 22-CFDS 22-CFDS
FCDC2 OR BUS 2 FROM ELAC2 MON	279534	EFCS 2	2	27-ECAM
FCDC2 OR BUS 3 FROM FCDC1	279534	EFCS 1	2	27-ECAM
FCDC2 OR BUS 3 FROM FCDC1	279534	EFCS 2	2	27-ECAM
FCDC2 SDI INPUTS	279534	EFCS 1	1	27-ECAM
FCDC2 SDI INPUTS	279534	EFCS 2	1	27-ECAM
FCU (2CA) / DMU (1TV)	228112	DMU	3	22-CFDS
FCU (2CA) / DMU (1TV)	228113	DMU	3	22-CFDS
FCU (2CA) / FDIMU (10TV)	228112			
FCU (2CA) BUS CP-L/ WXR1 (1SQ1)	228112	RADAR 1	1	34-EFIS
FCU (2CA) BUS CP-R/ WXR1 (1SQ1)	228112	RADAR 1	1	34-EFIS
FCU (2CA) CP-L BUS/ WXR2 (1SQ2)	228112			
FCU (2CA) CP-R BUS/ WXR2 (1SQ2)	228112	RADAR 2	1	34-EFIS
FCU (3CA)	228112	ADR 1	1	22-CFDS
FCU (3CA)	228112	ADR 2	1	22-CFDS
FCU (3CA)	228112	ADR 3	1	22-CFDS
FCU (3CA) BUS CP-L /GPWC (1W7)	228112	GPWC	1	34-FCAM
FCU (3CA) BUS CP-R /GPWC (1W7)	228112	GPWC	1	34-FCAM
FCII (3CA)/ ADTRII1 (1FP1)	228112	ADR 1	1	22-CEDS
FCII (3CA)/ ADIRII2 (1FP2)	228112	ADR 2	1	22-CFDS
FCII (3CA)/ ADIRUZ (1FP3)	228112	ADR 3	1	22-CFDS
FCH (8022KM) / APH FHEL SHPPLY / APH POTATION	493211	APII	1	49-FCAM
FCII / ADII FIIFI SIIPDI V / ADII DOTATION	493211	APII	1	49-FCAM
FCU (2CA) CP-L BUS/ WXR2 (1SQ2) FCU (2CA) CP-R BUS/ WXR2 (1SQ2) FCU (3CA) FCU (3CA) FCU (3CA) FCU (3CA) BUS CP-L /GPWC (1WZ) FCU (3CA) BUS CP-R /GPWC (1WZ) FCU (3CA)/ ADIRU1 (1FP1) FCU (3CA)/ ADIRU2 (1FP2) FCU (3CA)/ ADIRU3 (1FP3) FCU (8022KM) / APU FUEL SUPPLY / APU ROTATION FCU P19 OR IGV ACTR P21 OR FUEL FLOW DIVIDER	493211	APII	1	49-ECAM
FCU P19 OR IGV ACTR P21 OR FUEL FLOW DIVIDER FCU P19 OR IGV ACTR P21 OR IN T/P SNSR P22 FCU P19/APU FUEL SUPPLY STARTER MOTOR 8KA FCU(2CA) BUS CP-L /GPWC(100SG) FCU(2CA) BUS CP-R /GPWC(100SG) FCU(3CA) BUS CP-L /GPWC(100SG) FCU(3CA) BUS CP-R /GPWC(100SG) FCU(8022KM)/FUEL SUPPLY/ STARTER MOTOR (8KA)	/ <sub>0</sub> 3211	ADII	1	49-ECAM
FOIL D40/ADIL FILEL SUDDLY STADTED MOTOD REA	/03211	APU	1	40-ECAM
FCH(2CA) BUS CD-1 /CDMC(100CG)	228/3/	CBMC	1	3/-ECAM
FCU(2CA) BUS CD_D /GDWC(1003G)	228/3/	CPMC	1	3/-ECAM
FCU(ZCA) BUS CP-K /GFWC(1003G)	220434	GPWC	1	34-ECAM
FCU(3CA) BUS CP-E /GPWC(1003G)	220112	CPUC	1	34-ECAM
ECHI(SOSSEM)/EHEL CHORLY/ CTARTER MOTOR (SVA)	/.07211	ADII	1	AQ_ECAM
FCU(8022KM)/IGV ACTUATOR (8014KM)/STRT	473211	APU	1	49-ECAM
MOTOR(8KA)	473211	APU	'	47-ECAM
FCU, EIU (034), J3 ENG1A	220112	EIU1FAD	•	22 CENS
		EIU1FAD		
FCU, EIU (034), J3 ENG1A				
FCU, EIU (034), J3 ENG1A		EIU1FAD		22-ECAM
FCU, EIU (034), J3 ENG1A		EIU1FAD		77-ECAM
FCU, EIU (034), J3 ENG1B		EIU1FAD		22-CFDS
FCU, EIU (034), J3 ENG1B		EIU1FAD		22-ECAM
FCU, EIU (034), J3 ENG1B		EIU1FAD		77-ECAM
FCU, EIU (034), J3 ENG2A		EIU2FAD	S	22-CFDS
FCU, EIU (034), J3 ENG2A		EIU2FAD	1	22-CFDS
FCU, EIU (034), J3 ENG2A		EIU2FAD		77-ECAM
FCU, EIU (034), J3 ENG2B		EIU2FAD	1	22-CFDS
FCU, EIU (034), J3 ENG2B		EIU2FAD	1	22-ECAM
FCU, EIU (034), J3 ENG2B		EIU2FAD		77-ECAM
FCU, EIU (034),J3 ENG2A	228112	EIU2FAD	1	22-ECAM
FCU, EIU(ATN1), J3 ENG1A		EIU1FAD	S	22-CFDS

EFF: ALL

**I-CFDS** 

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SROS

#### TROUBLE SHOOTING MANUAL

FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
CU, EIU(ATN1), J3 ENG1A		EIU1FAD		22-ECAM
CU, EIU(ATN1), J3 ENG1A				77-ECAM
CU, EIU(ATN1), J3 ENG1B		EIU1FAD		22-CFDS
CU, EIU(ATN1), J3 ENG1B		EIU1FAD		22-ECAM
CU, EIU(ATN1), J3 ENG1B	228112	EIU1FAD	2	77-ECAM
CU, EIU(ATN1), J3 ENG2A	228112	EIU2FAD	S	22-CFDS
CU, EIU(ATN1), J3 ENG2A	228112	EIU2FAD	1	22-ECAM
CU, EIU(ATN1), J3 ENG2A	228112	EIU2FAD	2	77-ECAM
CU, EIU(ATN1), J3 ENG2B	228112	EIU2FAD	S	22-CFDS
CU, EIU(ATN1), J3 ENG2B	228112	EIU2FAD	1	22-ECAM
CU, EIU(ATN1), J3 ENG2B	228112	EIU2FAD	2	77-ECAM
CU, EIU, (034), J3 ENG1B	228112	EIU1FAD	S	22-CFDS
CU, EIU, (034), J3 ENG2B	220442		_	22 2552
DIMU (10TV)	313634	DMU	2	22-CFDS 31-ECAM 31-ECAM 31-ECAM 31-ECAM 31-CFDS 31-ECAM 31-ECAM 31-ECAM 31-CFDS 26-ECAM
DIMU (10TV)	313634	DMU	3	31-ECAM
DIMU (10TV)	313634	FDIU	2	31-ECAM
DIMU BATTERY (10TV)	313634	DMU	3	31-ECAM
DIMU PCMCIA MEDIA (10TV)	313634	DMU	2	31-FCAM
DIU	313334	FDTII	1	31-CFDS
DIU	313334	FNTII	1	31-FCAM
DIU (10TV) / FDIMU (10TV)	31363/	DMII	7	31-ECAM
DIU (2TU) / DMU (1TV)	313034 31333/	DMU	3	31_CENS
DU APU	261334	ENII ADII	1	24-ECAM
DU ENG1	201334	ENII 1	1	26-CFDS
DU ENG2	201234	FDU 1 FDU 2 APU APU	1	26-CFDS
IRE EMER STOP RLY (6WF)	201234	ADU Z	1	26-CFDS
	202000	APU	7	
IRE EMERG STOP RELAY (6WF)	202200	APU	2	26-CFDS
IRE EMERG STOP RLY 6WF	262000			26-CFDS
IRE EMERG STOP RLY 6WF	262200	APU	3	26-CFDS
LASH PROM FAIL (CPU1)	313634	DMU	2	31-ECAM
LASH PROM FAIL (CPU2)	313634	DMU	2	31-ECAM
LOW DIVIDER (8024KM)	262200 313634 313634 493213 493214 493214	APU	1	49-ECAM
LOW DIVIDER SOL P13	493214	APU	1	49-ECAM
LOW DIVIDER SOL(8025KM)	493214	APU	1	49-ECAM
LOW SEL	2 13 100	IEMPUIL	2	21-CFV3
LOW SEL		TEMPCTL		21-CFDS
LOW SNSR, J13, ECU ENG1A		EIU1FAD		73-CFDS
LOW SNSR, J13, ECU ENG1A		EIU1FAD		73-CFDS
LOW SNSR, J13, ECU ENG1A		EIU1FAD		77-ECAM
LOW SNSR, J13, ECU ENG1B		EIU1FAD		73-CFDS
LOW SNSR, J13, ECU ENG1B		EIU1FAD		73-CFDS
LOW SNSR, J13, ECU ENG1B		EIU1FAD		77-ECAM
LOW SNSR, J13, ECU ENG2A	733110	EIU2FAD		73-CFDS
LOW SNSR, J13, ECU ENG2A	733110	EIU2FAD	1	73-CFDS
LOW SNSR, J13, ECU ENG2A	733110	EIU2FAD	2	77-ECAM
LOW SNSR, J13, ECU ENG2B	733110	EIU2FAD	S	73-CFDS
LOW SNSR, J13, ECU ENG2B	733110	EIU2FAD	1	73-CFDS
LOW SNSR, J13, ECU ENG2B		EIU2FAD		77-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

				CH-PB101
FLP ASYMMETRY LH CHECK FLP MECH DRIVE FLP ASYMMETRY LH CHECK FLP MECH DRIVE FLP ASYMMETRY RH CHECK FLP MECH DRIVE FLP ASYMMETRY RH CHECK FLP MECH DRIVE FLP FPPU 27 CV OR WIRING TO SFCC FLP FPPU 27 CV OR WIRING TO SFCC FLP FPPU 27CV OR WIRING TO FLP 1 FLP FPPU 27CV OR WIRING TO FLP 1 FLP FPPU 27CV OR WIRING TO FLP 2 FLP FPPU 27CV OR WIRING TO FLP 2 FLP FPPU 27CV OR WIRING TO FLP 2 FLP HALF SPEED-CHK PCU FLP HALF SPEED-CHK PCU FLP LH APPU 29 CV OR WIRING TO SFCC FLP LH APPU 29 CV OR WIRING TO SFCC FLP LH PROX SNSR 1 37CV MISADJUSTMENT	275000	SFCC 1	1	27-CFDS
FLP ASYMMETRY LH CHECK FLP MECH DRIVE	275000	SFCC 2	1	27-CFDS
FLP ASYMMETRY RH CHECK FLP MECH DRIVE	275000	SFCC 1	1	27-CFDS
LP ASYMMETRY RH CHECK FLP MECH DRIVE	275000	SFCC 2	1	27-CFDS
LP FPPU 27 CV OR WIRING TO SFCC	275119	SFCC 1	1	27-CFDS
LP FPPU 27 CV OR WIRING TO SFCC	275119	SFCC 2	1	27-CFDS
LP FPPU 27CV OR WIRING TO FLP 1	275119	SFCC 1	1	27-ECAM
LP FPPU 27CV OR WIRING TO FLP 1	275119	SFCC 1	1	27-0BSV
LP FPPU 27CV OR WIRING TO FLP 2	275119	SFCC 2	1	27-ECAM
LP FPPU 27CV OR WIRING TO FLP 2	275119	SFCC 2	1	27-0BSV
LP HALF SPEED-CHK PCU	275451	SFCC 1	2	27-CFDS
LP HALF SPEED-CHK PCU	275451	SFCC 2	2	27-CFDS
LP LH APPU 29 CV OR WIRING TO SFCC	275118	SFCC 1	1	27-CFDS
LP LH APPU 29 CV OR WIRING TO SECC	275118	SFCC 2	1	27-CFDS
LP HALF SPEED-CHK PCU LP HALF SPEED-CHK PCU LP LH APPU 29 CV OR WIRING TO SFCC LP LH APPU 29 CV OR WIRING TO SFCC LP LH PROX SNSR 1 37CV MISADJUSTMENT LP LH PROX SNSR 1 37CV OR LGCIU 1 LP LH PROX SNSR 2 39CV MISADJUSTMENT LP LH PROX SNSR 2 39CV OR LGCIU 2	275115	SFCC 1	2	27-ECAM
LP LH PROX SNSR 1 37CV OR LGCTII 1	275115	SFCC 1	2	27-ECAM
LP LH PROX SNSR 2 39CV MISADJUSTMENT	275115	SECC 2	2	27-ECAM
LP LH PROX SNSR 2 39CV OR LGCTH 2	275115	SFCC 2	2	27-ECAM
LP LH WTB BLU SOLENOID 33 CV OR WIRING TO	275151	SFCC 1	1	27-CFDS
FCC				LI CIDS
LP LH WTB BLU SOLENOID 33CV OR WIRING TO FLP	275151	SFCC 1	1	27-ECAM
LP LH WTB YEL SOLENOID 33 CV OR WIRING TO	275151	SFCC 2	1	27-CFDS
FCC LP LH WTB YEL SOLENOID 33CV OR WIRING TO FLP	275151	SECC 2	1	27-ECAM
				LI LOMII
LP OVERSPEED CHECK FLP MECH DRIVE	275000	SFCC 1	1	27-CFDS
LP OVERSPEED CHECK FLP MECH DRIVE	275000	SFCC 2	1	27-CFDS
LP OVERSPEED LH CHECK FLP MECH DRIVE	275000	SFCC 1	1	27-CFDS
LP OVERSPEED CHECK FLP MECH DRIVE LP OVERSPEED CHECK FLP MECH DRIVE LP OVERSPEED LH CHECK FLP MECH DRIVE LP OVERSPEED LH CHECK FLP MECH DRIVE LP OVERSPEED RH CHECK FLP MECH DRIVE LP OVERSPEED RH CHECK FLP MECH DRIVE LP PIN PROG DISAGREE AIRCRAFT TYPE LP PIN PROG DISAGREE AIRCRAFT TYPE LP PIN PROG DISAGREE AIRCRAFT TYPE	275000	SFCC 2	1	27-CFDS
LP OVERSPEED RH CHECK FLP MECH DRIVE	275000	SFCC 1	1	27-CFDS
LP OVERSPEED RH CHECK FLP MECH DRIVE	275000	SFCC 2	1	27-CFDS
LP PIN PROG DISAGREE AIRCRAFT TYPE	275134	SFCC 1	1	27-CFDS
LP PIN PROG DISAGREE AIRCRAFT TYPE	275134	SFCC 1	1	27-ECAM
LP PIN PROG DISAGREE AIRCRAFT TYPE	275134	SFCC 2	1	27-CFDS
LP PIN PROG DISAGREE AIRCRAFT TYPE	275134	SFCC 2	1	27-ECAM
LP PIN PROG DISAGREE CONFIGURATION		SFCC 1	1	27-CFDS
LP PIN PROG DISAGREE CONFIGURATION		SFCC 2	1	27-CFDS
LP PIN PROG DISAGREE FUNCTIONAL		SFCC 1	1	27-CFDS
LP PIN PROG DISAGREE FUNCTIONAL		SFCC 2	1	27-CFDS
LP PIN PROG INCOMPATIBL E AIRCRAFT TYPE		SFCC 1	1	27-ECAM
LP PIN PROG INCOMPATIBL E AIRCRAFT TYPE		SFCC 2	1	27-ECAM
LP RH APPU 30 CV OR WIRING TO SECC		SFCC 1	1	27-CFDS
LP RH APPU 30 CV OR WIRING TO SECC		SFCC 2	1	27-CFDS
LP RH PROX SNSR 1 38CV MISADJUSTMENT		SFCC 1	2	27-ECAM
LP RH PROX SNSR 1 38CV OR LGCIU 1		SFCC 1	2	27-CFDS
LP RH PROX SNSR 1 38CV OR LGCIU 1		SFCC 1	2	27-CFDS
LP RH PROX SNSR 2 40CV MISADJUSTMENT	2/5115	SFCC 2	2	27-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
LP RH PROX SNSR 2 40CV OR LGCIU 2 LP RH PROX SNSR 2 40CV OR LGCIU 2 LP RH WTB BLU SOLENOID 34 CV OR WIRING TO	275115	SFCC 2	2	27-CFDS
LP RH PROX SNSR 2 40CV OR LGCIU 2	275115	SFCC 2	2	27-ECAM
CLP RH WTB BLU SOLENOID 34 CV OR WIRING TO	275151	SFCC 1	1	27-CFDS
LP RH WTB BLU SOLENOID 34CV OR WIRING TO FLP	275151	SFCC 1	1	27-ECAM
LP RH WTB GRN SOLENOID 34 CV OR WIRING TO	275151	SFCC 2	1	27-CFDS
ELP RH WTB GRN SOLENOID 34CV OR WIRING TO FLP ELP RUNAWAY CHECK FLP MECH DRIVE ELP SYS LOCKED CHECK SFCC 1 & SFCC 2 ELP SYS LOCKED CHECK SFCC 1 & SFCC 2 ELP SYSTEM JAM CHECK FLP MECH DRIVE ELP SYSTEM JAM CHECK FLP MECH DRIVE ELP UNCOMMANDED MOVEMENT CHECK FLP PCU ELP UNCOMMANDED MOVEMENT CHECK FLP PCU ELP 1 ASYMMETRY LH CHECK FLP MECH DRIVE ELP 1 ASYMMETRY RH CHECK FLP MECH DRIVE ELP 1 CHECK LH DRIVE INTEGRITY ELP 1 CHECK RH DRIVE INTEGRITY ELP 1 CHK LH MECH DRIVE ELP 1 CHK RH MECH DRIVE ELP 1 FAULTY FLP 2 DATA ELP 1 FAULTY FLP 2 DATA	275151	SFCC 2	1	27-ECAM
LP RUNAWAY CHECK FLP MECH DRIVE	275000	SFCC 1	1	27-CFDS
LP RUNAWAY CHECK FLP MECH DRIVE	275000	SFCC 2	1	27-CFDS
LP SYS LOCKED CHECK SFCC 1 & SFCC 2	275100	SFCC 1	1	27-ECAM
LP SYS LOCKED CHECK SFCC 1 & SFCC 2	275100	SFCC 2	1	27-ECAM
LP SYSTEM JAM CHECK FLP MECH DRIVE	275000	SFCC 1	1	27-CFDS
LP SYSTEM JAM CHECK FLP MECH DRIVE	275000	SFCC 2	1	27-CFDS
LP UNCOMMANDED MOVEMENT CHECK FLP PCU	275451	SFCC 1	1	27-CFDS
LP UNCOMMANDED MOVEMENT CHECK FLP PCU	275451	SFCC 2	1	27-CFDS
LP 1 ASYMMETRY LH CHECK FLP MECH DRIVE	275000	SFCC 1	1	27-ECAM
LP 1 ASYMMETRY RH CHECK FLP MECH DRIVE	275000	SFCC 1	1	27-ECAM
LP 1 CHECK LH DRIVE INTEGRITY	275100	SFCC 1	1	27-CFDS
LP 1 CHECK RH DRIVE INTEGRITY	275100	SFCC 1	1	27-CFDS
LP 1 CHK LH MECH DRIVE	275100	SFCC 1	1	27-ECAM
LP 1 CHK RH MECH DRIVE	275100	SFCC 1	1	27-ECAM
LP 1 FAULTY FLP 2 DATA	275134	SFCC 1	2	27-ECAM
		• • • • •	_	
LP 1 NO ADIRU 1 DATA		SFCC 1		27-ECAM
LP 1 NO ADIRU 1 DATA		SFCC 1		34-ECAM
		SFCC 1		27-ECAM
LP 1 NO SFCC 2 DATA	275134	SFCC 1	2	27-ECAM
LP 1 NO SECU 2 DATA CHECK WIRING & SECU 2	275134	SFUU 1	2	27-CFDS
LP 1 OVERSPEED CHECK FLP MECH DRIVE	275000	SFUU 1	1	27-ECAM
LP 1 OVERSPEED LH CHECK FLP MECH DRIVE	275000	SFUU 1	1	27-ECAM
LP 1 NO STCC 2 DATA LP 1 NO SFCC 2 DATA CHECK WIRING & SFCC 2 LP 1 OVERSPEED CHECK FLP MECH DRIVE LP 1 OVERSPEED LH CHECK FLP MECH DRIVE LP 1 OVERSPEED RH CHECK FLP MECH DRIVE LP 1 PCU VALVEBLOCK 23CV	275000	SFUL 1	1	27-ECAM
LP 1 PCU VALVEBLOCK 23CV		SFCC 1	1	27-0BSV
LP 1 PIN PROG DISAGREE AIRCRAFT TYPE		SFCC 1	1	27-ECAM
LP 1 PIN PROG DISAGREE AIRCRAFT TYPE		SFCC 1	1	27-OBSV
LP 1 PIN PROG DISAGREE CONFIGURATION LP 1 PIN PROG DISAGREE CONFIGURATION		SFCC 1	1	27-ECAM
LP 1 PIN PROG DISAGREE CONFIGURATION LP 1 PIN PROG DISAGREE FUNCTIONAL		SFCC 1	1	27-OBSV
LP 1 PIN PROG DISAGREE FUNCTIONAL  LP 1 PIN PROG DISAGREE FUNCTIONAL		SFCC 1	1 1	27-ECAM 27-OBSV
LP 1 PIN PROG DISAGREE FUNCTIONAL  LP 1 RUNAWAY CHECK FLP MECH DRIVE		SFCC 1	1	27-UBSV 27-ECAM
LP 1 SYSTEM JAM CHECK FLP MECH DRIVE		SFCC 1	1	27-ECAM
LP 1 STSTEM JAM CHECK FLP MECH DRIVE		SFCC 1	1	27-ECAM
LP 1 WIB C/B 10CV  LP 2 ASYMMETRY LH CHECK FLP MECH DRIVE		SFCC 2	1	27-ECAM
LF & MOTIFIETRE LA CHECK FLP MECH DRIVE	とし ノ し し し	STUU Z	ı	ZI - EUAM
LP 2 ASYMMETRY RH CHECK FLP MECH DRIVE	275000	SFCC 2	1	27-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
FLP 2 CHECK RH DRIVE INTEGRITY FLP 2 CHK LH MECH DRIVE FLP 2 CHK RH MECH DRIVE FLP 2 FAULTY FLP 1 DATA	275100	SFCC 2	1	27-CFDS
FLP 2 CHK LH MECH DRIVE	275100	SFCC 2	1	27-ECAM
FLP 2 CHK RH MECH DRIVE	275100	SFCC 2	1	27-ECAM
FLP 2 FAULTY FLP 1 DATA	275134	SFCC 2	2	27-ECAM
FLP 2 FAULTY FLP 1 DATA CHECK SFCC 1 AND/OR 2	275134	SFCC 2	2	27-CFDS
FLP 2 NO ADIRU 1 DATA		SFCC 2	2	
FLP 2 NO ADIRU 1 DATA		SFCC 2	2	
FLP 2 NO LGCIU 2 DATA		SFCC 2	1	27-ECAM
FLP 2 NO SFCC 1 DATA		SFCC 2	2	
FLP 2 NO SFCC 1 DATA CHECK WIRING & SFCC 1		SFCC 2	2	
FLP 2 OVERSPEED CHECK FLP MECH DRIVE		SFCC 2	1	
FLP 2 OVERSPEED LH CHECK FLP MECH DRIVE		SFCC 2	1	27-ECAM
FLP 2 OVERSPEED RH CHECK FLP MECH DRIVE		SFCC 2	1	27-ECAM
FLP 2 PCU VALVEBLOCK 24CV		SFCC 2	1	27-ECAM
FLP 2 PCU VALVEBLOCK 24CV		SFCC 2	1	27-0BSV
FLP 2 PIN PROG DISAGREE AIRCRAFT TYPE		SFCC 2	1	27-ECAM
FLP 2 PIN PROG DISAGREE AIRCRAFT TYPE		SFCC 2	1	27-0BSV
FLP 2 PIN PROG DISAGREE CONFIGURATION		SFCC 2	1	27-ECAM
		SFCC 2	1	27-0BSV
FLP 2 PIN PROG DISAGREE CONFIGURATION FLP 2 PIN PROG DISAGREE FUNCTIONAL		SFCC 2	1	27-063V 27-ECAM
		SFCC 2		27-ECAM 27-0BSV
FLP 2 PIN PROG DISAGREE FUNCTIONAL FLP 2 RUNAWAY CHECK FLP MECH DRIVE			1	
			1	27-ECAM
FLP 2 SYSTEM JAM CHECK FLP MECH DRIVE	275400	SFUL 2	1	27-ECAM
FLF 2 WIB C/B 12CV	213100	STUC Z	1	27-ECAM
FLP1 NO CFDIU DATA		SFCC 1	1	27-ECAM
FLP1 NO CFDIU DATA		SFCC 1	1	31-CFDS
FLP1 PCU VALVEBLOCK 23CV VALVE SENSOR 27-54-53			S	27-CFDS
FLP1 PCU VALVEBLOCK 23CV VALVE SENSOR 27-54-53			S	27-0BSV
FLP2 NO CFDIU DATA		SFCC 2	1	27-ECAM
FLP2 NO CFDIU DATA		SFCC 2	1	31-CFDS
FLP2 PCU VALVEBLOCK 24CV VALVE SENSOR 27-54-53			S	27-CFDS
FLUO TUBE <appl.area> SRXX X/BU</appl.area>		CIDS 1		33-CFDS
FMGC (1CA1)/GPWC (1WZ)	228334		3	
FLUO TUBE <appl.area> SRXX X/BU  FMGC (1CA1)/GPWC (1WZ)  FMGC(1CA1)/ ATC1(1SH1)  FMGC(1CA2)/ ATC2(1SH2)</appl.area>		ATC 1		
		ATC 2		22-CFDS
FMGC1		EFCS 1		27-ECAM
FMGC1		EFCS 2		
FMGC1 (1CA1) / DMU (1TV)	228334	DMU	3	22-CFDS
FMGC1 (1CA1) / FDIMU (10TV)	228334	DMU	3	22-CFDS
FMGC1 (1CA1)/ ACARS MU (1RB)	228334	ACARSMU	3	22-CFDS
FMGC1 (1CA1)/ADIRU1 (1FP1)	228334	IR 1	1	22-CFDS
FMGC1 (1CA1)/ADIRU2 (1FP2)	228334	IR 2	1	22-CFDS
FMGC1 (1CA1)/ADIRU3 (1FP3)	228334	IR 3	1	22-CFDS
FMGC1 (1CA1)/GPWC (1WZ)	228334	GPWC	1	34-ECAM
FMGC1 (1CA1)/RMP1 (1RG1) /ADF1 (2RP1)	228334	ADF 1	3	22-CFDS
FMGC1(1CA1) BUS FM ACARS /ATSU1(1TX1)		ACARSMU		
FMGC1(1CA1) BUS FM ACARS /ATSU1(1TX1)		ACARSMU		22-CFDS
FMGC1(1CA1) BUS FM ACARS /ATSU1(1TX1)	228334		3	22-CFDS
			-	<del>-</del>

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
FMGC1(1CA1) BUS GPS/ MMR1(40RT1)		MMR 1		22-CFDS
MGC1(1CA1) BUS GPS/ MMR2(40RT2)		MMR 2		22-CFDS
MGC1(1CA1) BUS ILS/ MMR2(40RT2)		MMR 2		22-CFDS
MGC1(1CA1) BUS MMR/ MMR2(40RT2)	228334	MMR 2		22-CFDS
MGC1(1CA1)/GPWC(100SG)		GPWC		34-ECAM
MGC1(1CA1)/GPWC(100SG)		GPWC		22-CFDS
MGC1(1CA1)/RMP1(1RG1)		RMP 123		22-CFDS
MGC1(1CA1)/RMP1(1RG1)/ DME1(2SD1)		DME 1		22-CFDS
MGC1(1CA1)/RMP1(1RG1)/ ILS1(2RT1)		ILS 1	3	22-CFDS
MGC1(1CA1)/RMP1(1RG1)/ MMR1(40RT1)		MMR 1	3	22-CFDS
MGC1(1CA1)/RMP1(1RG1)/ VOR1(3RS1)		VOR 1	3	22-CFDS
MGC2	228334	EFCS 1		27-ECAM
MGC2	228334	EFCS 2		27-ECAM
MGC2 MGC2 (1CA2) / DMU (1TV) MGC2 (1CA2) / FDIMU (1OTV) MGC2 (1CA2)/ ACARS MU (1RB) MGC2 (1CA2)/ADIBU1 (1EB1)	228334		3	22-CFDS
MGC2 (1CA2) / FDIMU (10TV)	228334	DMU		22-CFDS
MGC2 (1CA2)/ ACARS MU (1RB)	228334	ACARSMU		22-CFDS
MGCZ (ICAZ)/ADIROI (IFFI)	220334	IR 1		22-CFDS
MGC2 (1CA2)/ADIRU2 (1FP2)		IR 2		22-CFDS
MGC2 (1CA2)/ADIRU3 (1FP3)	228334	IR 3		22-CFDS
MGC2 (1CA2)/RMP2 (1RG2) /ADF2 (2RP2)		ADF 2		22-CFDS
MGC2(1CA2) BUS FM ACARS /ATSU1(1TX1)		ACARSMU		22-CFDS
MGC2(1CA2) BUS FM ACARS /ATSU1(1TX1)		ACARSMU		22-CFDS
MGC2(1CA2) BUS FM ACARS /ATSU1(1TX1)			3	22-CFDS
MGC2(1CA2) BUS GPS/ MMR1(40RT1) MGC2(1CA2) BUS GPS/ MMR2(40RT2) MGC2(1CA2) BUS ILS/ MMR1(40RT1)		MMR 1		22-CFDS
MGC2(1CA2) BUS GPS/ MMR2(40RT2)		MMR 2		22-CFDS
		MMR 1	3	22-CFDS
MGC2(1CA2) BUS MMR/ MMR1(40RT1)		MMR 1	1	22-CFDS
MGC2(1CA2)/RMP2(1RG2)		RMP 123	1	22-CFDS
MGC2(1CA2)/RMP2(1RG2)/ DME2(2SD2)		DME 2	3	22-CFDS
MGC2(1CA2)/RMP2(1RG2)/ ILS2(2RT2)		ILS 2		22-CFDS
MGC2(1CA2)/RMP2(1RG2)/ MMR2(40RT2)	228334	MMR 2	3	22-CFDS
MGC2(1CA2)/RMP2(1RG2)/ VOR2(3RS2)		VOR 2		22-CFDS
MGEC1(1CA1)/GPWC(100SG)		GPWC		34-ECAM
MGEC1(1CA1)/GPWC(100SG)		GPWC	3	22-CFDS
MGS 1 OUT OF RANGE (XX)		CPC 1		22-CFDS
MGS 1 OUT OF RANGE (XX)	228334		3	22-CFDS
MGS 2 OUT OF RANGE (XX)	228334		3	22-CFDS
MGS 2 OUT OF RANGE (XX)	348334		3	34-CFDS
O STEERING HANDWHEEL		BSCU 1	3	32-CFDS
O STEERING HANDWHEEL		BSCU 2	3	32-CFDS
O STEERING HANDWHEEL		BSCU 1	1	32-ECAM
O STEERING HANDWHEEL		BSCU 2	1	32-ECAM
O STEERING HANDWHEEL OR BSCU		BSCU 1	3	32-CFDS
O STEERING HANDWHEEL OR BSCU	325111		3	32-CFDS
O TERR ON ND PB SW (30WZ2)/GPWC (1WZ)	344808		1	34-ECAM
O TERR ON ND PB SW (30WZ2)/GPWC(100SG)	344808		1	34-ECAM
QU (3QT) / DMU (1TV)	284234		3	28-CFDS
QU (3QT) / FDIMU (10TV)	284234	DMU	3	28-CFDS

EFF: ALL

**I-CFDS** 

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SROS

#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
FRV (CLOSED), J7, ECU				73-CFDS
FRV (CLOSED), J7, ECU				77-ECAM
FRV (CLOSED), J7, ECU	731150	EIU1FAD		77-ECAM
FRV (CLOSED), J7, ECU	731150	EIU2FAD		73-CFDS
FRV (CLOSED), J7, ECU	731150	EIU2FAD	1	77-ECAM
FRV (CLOSED), J7, ECU	731150	EIU2FAD	2	77-ECAM
FRV (CLOSED), J8, ECU		EIU1FAD		73-CFDS
FRV (CLOSED), J8, ECU	731150	EIU1FAD	1	77-ECAM
FRV (CLOSED), J8, ECU	731150	EIU1FAD	2	77-ECAM
FRV (CLOSED), J8, ECU	731150	EIU2FAD	1	73-CFDS
FRV (CLOSED), J8, ECU	731150	EIU2FAD	1	77-ECAM
FRV (CLOSED), J8, ECU	731150	EIU2FAD	2	77-ECAM
FRV (OPEN), J7, ECU	731150	EIU1FAD	1	73-CFDS
FRV (OPEN), J7, ECU	731150	EIU1FAD	1	77-ECAM
FRV (OPEN), J7, ECU	731150	EIU1FAD	2	77-ECAM
FRV (OPEN), J7, ECU	731150	EIU2FAD	1	73-CFDS
FRV (OPEN), J7, ECU	731150	EIU2FAD	1	77-ECAM
FRV (OPEN), J7, ECU	731150	EIU2FAD	2	77-ECAM
FRV (OPEN), J8, ECU	731150	EIU1FAD	1	73-CFDS
FRV (OPEN), J8, ECU	731150	EIU1FAD	1	77-ECAM
FRV (OPEN), J8, ECU	731150	EIU1FAD	2	77-ECAM
FRV (OPEN), J8, ECU	731150	EIU2FAD		73-CFDS
FRV (OPEN), J8, ECU		EIU2FAD		77-ECAM
FRV (OPEN), J8, ECU		EIU2FAD		77-ECAM
FRV (SW), J7/J8, ECU ENG1A		EIU1FAD		77-ECAM
FRV (SW), J7/J8, ECU ENG1B		EIU1FAD		77-ECAM
FRV (SW), J7/J8, ECU ENG2A		EIU2FAD		77-ECAM
FRV (SW), J7/J8, ECU ENG2B		EIU2FAD		77-ECAM
				23-CFDS
FSB-SIGN <appl. area=""> <location></location></appl.>	237363	CIDS 1	3	23-CFDS
FUEL CONTROL UNIT (8022KM)	493211	APU	1	49-ECAM
FUEL CONTROL UNIT (8022KM)	493211	APU	2	49-ECAM 49-ECAM 49-ECAM 49-ECAM
FUEL CONTROL UNIT (8022KM) / ECB (59KD)	493211	APU	1	49-ECAM
FUEL CONTROL UNIT P19	493211	APU	1	49-ECAM
FUEL CONTROL UNIT P19	493211	APU	2	49-ECAM
FUEL CONTROL UNIT P19 / APU FUEL SUPPLY	493211		1	49-ECAM
	493211		-	49-ECAM
FUEL CONTROL UNIT P19 / FLOW DIVIDER ASSEMBLY			1	49-ECAM
FUEL CTL UNIT (8022KM)	493211		1	49-CFDS
FUEL CTL UNIT (8022KM)	493211		1	49-ECAM
FUEL CTL UNIT (8022KM)	493211		2	49-ECAM
FUEL CTL UNIT (8022KM) / FLOW DIVIDER (8024KM)			1	49-ECAM
FUEL CTL UNIT (8022KM)OR DE-OILING SOL	493211		1	49-ECAM
(8083KM)	.,	•	•	.,
FUEL CTL UNIT P19	493211	APII	1	49-CFDS
FUEL CTL UNIT P19	493211			49-ECAM
FUEL CTL UNIT P19	493211		2	49-ECAM
FUEL CTL UNIT P19 OR DE-OILING SOL P15	493211		1	49-ECAM
TOLE OIL ONLY IN ON ME OILING OUL ITS	7/3611	AI U	'	-/ LUMII

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES				
FUEL CTL UNIT P19 OR ECB 59KD FUEL CTL UNIT P19 OR FUEL FLOW DIVIDER FUEL CTRL UNIT(8022KM) / FLOW DIVIDER (8024KM) FUEL CTRL UNIT(8022KM)/ APU FUEL SUPPLY FUEL INTERCELL TRANSFER XFR VALVE 27QM/70QM/9QP	493211	APU	 1	49-ECAM
FUEL CTL UNIT P19 OR FUEL FLOW DIVIDER	493211	APU	1	49-ECAM
FUEL CTRL UNIT(8022KM) / FLOW DIVIDER (8024KM)	493211	APU	1	49-ECAM
FUEL CTRL UNIT(8022KM)/ APU FUEL SUPPLY	493211	APU	1	49-ECAM
FUEL INTERCELL TRANSFER XER VALVE	281500	FUFI	1	28-CFDS
27QM/70QM/9QP	20.300	. 011	•	20 0.00
FUEL INTERCELL TRANSFER XFR VALVE				28-ECAM
27QM/70QM/9QP	201700	· OLL	•	LO LOAII
FUEL INTERCELL TRANSFER XFR VALVE	281500	FIIFI	1	28-0BSV
27QM/70QM/9QP	201700	TOLL	'	20 0034
FUEL INTERCELL TRANSFER XFR VALVE	291500	EIIEI	1	28-CFDS
28QM/71QM/11QP	201700	FUEL	ı	20-CFV3
FUEL INTERCELL TRANSFER XFR VALVE	204500	FUEL	4	20 ECAM
	201000	FUEL	ı	28-ECAM
28QM/71QM/11QP FUEL INTERCELL TRANSFER XFR VALVE	204500		4	20 0004
	281500	FUEL	1	28-0BSV
28QM/71QM/11QP	204500			22 2-22
FUEL INTERCELL TRANSFER XFR VALVE	281500	FUEL	1	28-CFDS
29QM/72QM/10QP				
FUEL INTERCELL TRANSFER XFR VALVE	281500	FUEL	1	28-ECAM
29QM/72QM/10QP				
FUEL INTERCELL TRANSFER XFR VALVE	281500	FUEL	1	28-0BSV
29QM/72QM/10QP				
FUEL INTERCELL TRANSFER XFR VALVE	281500	FUEL	1	28-CFDS
30QM/73QM/12QP				
FUEL INTERCELL TRANSFER XFR VALVE	281500	FUEL	1	28-ECAM
30QM/73QM/12QP				
FUEL INTERCELL TRANSFER XFR VALVE	281500	FUEL	1	28-0BSV
30QM/73QM/12QP				
FUEL LEVEL SENSING C HI LEVEL SENSOR 20QJ	284615	FUEL	1	28-CFDS
FUEL LEVEL SENSING C LO LEVEL SENSOR 21QJ	284615	FUEL	1	28-CFDS
FUEL LEVEL SENSING C LO LEVEL SENSOR 22QJ	284615	FUEL	1	28-CFDS
FUEL LEVEL SENSING FLSCU1 7QJ	284634	FUEL	1	28-CFDS
FUEL LEVEL SENSING FLSCU2 9QJ	284634	FUEL	1	28-CFDS
FUEL LEVEL SENSING C LO LEVEL SENSOR 22QJ FUEL LEVEL SENSING FLSCU1 7QJ FUEL LEVEL SENSING FLSCU2 9QJ FUEL LEVEL SENSING L FULL SENSOR 23QJ1	284615	FUEL	1	28-CFDS
FUEL LEVEL SENSING L FULL SENSOR 27QJ1	284615	FUEL	1	28-CFDS
FUEL LEVEL SENSING L HI LEVEL SENSOR 17QJ1	284615		1	28-CFDS
FUEL LEVEL SENSING L INN TEMP SENSOR 29QJ1	284617		1	28-CFDS
FUEL LEVEL SENSING L LO LEVEL SENSOR 15QJ1	284615		1	28-CFDS
FUEL LEVEL SENSING L LO LEVEL SENSOR 15Q31	284615		1	28-CFDS
FUEL LEVEL SENSING L LO LEVEL SENSOR 18QJ1	284615		1	28-CFDS
FUEL LEVEL SENSING L LO LEVEL SENSOR 39QJ1	284615			
			1	28-CFDS
FUEL LEVEL SENSING L LO LEVEL SENSOR 40QJ1	284615		1	28-CFDS
FUEL LEVEL SENSING L OUT TEMP SENSOR 30QJ1	284617		1	28-CFDS
FUEL LEVEL SENSING L SURGE SENSOR 28QJ1	284616		1	28-CFDS
FUEL LEVEL SENSING L TEMP SENSOR 29QJ1	284617		1	28-CFDS
FUEL LEVEL SENSING L UNFULL SENSOR 24QJ1	284615		1	28-CFDS
FUEL LEVEL SENSING L UNFULL SENSOR 25QJ1	284615		1	28-CFDS
FUEL LEVEL SENSING L UNFULL SENSOR 26QJ1	284615	FUEL	1	28-CFDS

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

FUEL LEVEL SENSING R FULL SENSOR 23QJ2 FUEL LEVEL SENSING R FULL SENSOR 27QJ2 FUEL LEVEL SENSING R HI LEVEL SENSOR 17QJ2 FUEL LEVEL SENSING R HI LEVEL SENSOR 17QJ2 FUEL LEVEL SENSING R LO LEVEL SENSOR 15QJ2 FUEL LEVEL SENSING R LO LEVEL SENSOR 16QJ2 FUEL LEVEL SENSING R LO LEVEL SENSOR 38QJ2 FUEL LEVEL SENSING R LO LEVEL SENSOR 38QJ2 FUEL LEVEL SENSING R LO LEVEL SENSOR 39QJ2 FUEL LEVEL SENSING R LO LEVEL SENSOR 40QJ2 FUEL LEVEL SENSING R OUT TEMP SENSOR 30QJ2 FUEL LEVEL SENSING R TEMP SENSOR 29QJ2 FUEL LEVEL SENSING R TEMP SENSOR 29QJ2 FUEL LEVEL SENSING R UNFULL SENSOR 24QJ2 FUEL LEVEL SENSING R UNFULL SENSOR 25QJ2 FUEL LEVEL SENSING R UNFULL SENSOR 26QJ2 FUEL LEVEL SENSING R UNFULL SENSOR 26QJ2 FUEL LEVEL SENSING R UNFULL SENSOR 26QJ2 FUEL LOW PRESSURE OR LOW FUEL PRESS SW (5030QM) FUEL LOW PRESSURE OR LOW FUEL PRESS SW P17 FUEL QUANTITY ACT 1 QTY PROBE 66QT FUEL QUANTITY ACT 1 QTY PROBE 66QT FUEL QUANTITY C DOUBLE PROBE FAILURE FUEL QUANTITY L QTY PROBE 22QT1 FUEL QUANTITY L QTY PROBE 22QT1 FUEL QUANTITY L QTY PROBE 33QT1 FUEL QUANTITY L QTY PROBE 34QT1 FUEL QUANTITY L QTY PROBE 54QT1 FUEL QUANTITY L QTY PROBE 54QT1 FUEL QUANTITY R DOUBLE PROBE FAILURE FUEL QUANTITY R QTY PROBE 54QT1 FUEL QUANTITY R QTY PROBE 54QT1 FUEL QUANTITY R QTY PROBE 54QT1	ATA	SOURCE	CLASS	CH-PB101
FUEL LEVEL SENSING R FULL SENSOR 23QJ2	284615	FUEL	1	28-CFDS
FUEL LEVEL SENSING R FULL SENSOR 27QJ2	284615	FUEL	1	28-CFDS
FUEL LEVEL SENSING R HI LEVEL SENSOR 17QJ2	284615	FUEL	1	28-CFDS
UEL LEVEL SENSING R INN TEMP SENSOR 29QJ2	284617	FUEL	1	28-CFDS
UEL LEVEL SENSING R LO LEVEL SENSOR 15QJ2	284615	FUEL	1	28-CFDS
UEL LEVEL SENSING R LO LEVEL SENSOR 16QJ2	284615	FUEL	1	28-CFDS
UEL LEVEL SENSING R LO LEVEL SENSOR 38QJ2	284615	FUEL	1	28-CFDS
UEL LEVEL SENSING R LO LEVEL SENSOR 39QJ2	284615	FUEL	1	28-CFDS
UEL LEVEL SENSING R LO LEVEL SENSOR 40QJ2	284615	FUEL	1	28-CFDS
UEL LEVEL SENSING R OUT TEMP SENSOR 30QJ2	284617	FUEL	1	28-CFDS
UEL LEVEL SENSING R SURGE SENSOR 28QJ2	284616	FUEL	1	28-CFDS
UEL LEVEL SENSING R TEMP SENSOR 29QJ2	284617	FUEL	1	28-CFDS
UEL LEVEL SENSING R UNFULL SENSOR 24QJ2	284615	FUEL	1	28-CFDS
UEL LEVEL SENSING R UNFULL SENSOR 25QJ2	284615	FUEL	1	28-CFDS
UEL LEVEL SENSING R UNFULL SENSOR 26QJ2	284615	FUEL	1	28-CFDS
UEL LOW PRESSURE / LOW FUEL PRESS SW (5030QM)	282214	APU	2	49-ECAM
UEL LOW PRESSURE OR LOW FUEL PRESS SW P17	282200	APU	2	49-ECAM
UEL QUANTITY ACT 1 QTY PROBE 65QT	284215	FUEL	1	28-CFDS
UEL QUANTITY ACT 1 QTY PROBE 66QT	284215	FUEL	1	28-CFDS
UEL QUANTITY A1 DOUBLE PROBE FAILURE	284224	FUEL	1	28-CFDS
UEL QUANTITY A1 DOUBLE PROBE FAILURE	284224	FUEL	1	28-ECAM
UEL QUANTITY C DOUBLE PROBE FAILURE	284215	FUEL	1	28-CFDS
UEL QUANTITY C ULTRACOMP 50QT	284247	FUEL	1	28-CFDS
UEL QUANTITY CHANNELS DISAGREE 3QT	284234	FUEL	1	28-ECAM
UEL QUANTITY FQIC 3QT	284234	FUEL	1	28-CFDS
UEL QUANTITY FQIC 3QT	284234	FUEL	1	28-ECAM
UEL QUANTITY L DOUBLE PROBE FAILURE	284215	FUEL	1	28-CFDS
UEL QUANTITY L QTY PROBE 22QT1	284215	FUEL	1	28-CFDS
UEL QUANTITY L QTY PROBE 22QT1	284215	FUEL	1	28-0BSV
UEL QUANTITY L QTY PROBE 33QT1	284215	FUEL	1	28-CFDS
UEL QUANTITY L QTY PROBE 33QT1	284215	FUEL	1	28-0BSV
UEL QUANTITY L QTY PROBE 34QT1	284215	FUEL	1	28-CFDS
UEL QUANTITY L QTY PROBE 34QT1	284215	FUEL	1	28-0BSV
UEL QUANTITY L QTY PROBE 54QT1	284215	FUEL	1	28-CFDS
UEL QUANTITY R DOUBLE PROBE FAILURE	284215	FUEL	1	28-CFDS
UEL QUANTITY R QTY PROBE 22QT2	284215	FUEL	1	28-CFDS
UEL QUANTITY R QTY PROBE 22QT2	284215	FUEL	1	28-0BSV
UEL QUANTITY R QTY PROBE 33QT2	284215	FUEL	1	28-CFDS
UEL QUANTITY R QTY PROBE 33QT2	284215	FUEL	1	28-0BSV
UEL QUANTITY R QTY PROBE 34QT2	284215	FUEL	1	28-CFDS
UEL QUANTITY R QTY PROBE 34QT2	284215	FUEL	1	28-0BSV
UEL QUANTITY R QTY PROBE 54QT2	284215		1	28-CFDS
UEL QUANTITY R ULTRACOMP 52QT	284248		1	28-CFDS
UEL QUANTITY WRG ACT1 PPROG DISAGREE	284200		1	28-CFDS
USE 4PB1	243800		1	24-ECAM
		BCL 2	1	24-ECAM
USE 4PB2	000			
USE 4PB2 WC1		ECAM 1	1	31-ECAM

EFF: ALL

| I-CFDS

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#### TROUBLE SHOOTING MANUAL

CFDS	MESSAGES	S 			ATA	SOURCE	CLASS	CH-PB101
 WC1							1	31-ECAM
FWC1	(1WW1)	/ DMU (	1TV)		315334		3	31-CFDS
WC1	(1WW1)	/ FDIMU	(10TV)			DMU	3	31-CFDS
WC1	(1WW1)/	ACARS I	MU (1RB)			ACARSMU		31-CFDS
WC1	: LH FLI	SYNC 3	3CNA			ECAM 1		27-CFDS
	: LH FLI					ECAM 1		27-CFDS
	: LH SL					ECAM 1	2	27-CFDS
	: LH SL					ECAM 1	3	27-CFDS
	: NO DA					ECAM 1	1	23-CFDS
	: NO DA				232434		1	23-CFDS
	: NO DA				341234		1	27-ECAM
	: NO DA				341234		1	34-CFDS
	: NO DA					ECAM 1	1	34-ECAM
	: NO DA				341234		1	27-ECAM
	: NO DA				341234		1	34-CFDS
	: NO DA				341234		1	34-ECAM
	: NO DA					ECAM 1	1	27-ECAM
	: NO DA					ECAM 1	1	34-CFDS
	: NO DA					ECAM 1	1	34-ECAM
	: NO DA				341234		1	27-ECAM
	: NO DA				341234		1	34-CFDS
	: NO DA				341234		1	34-ECAM
	: NO DA					ECAM 1	1	27-ECAM
	: NO DA					ECAM 1	1	34-CFDS
WC1	: NO DA					ECAM 1	1	34-ECAM
	: NO DA				341234		1	27-ECAM
WC1		TA FROM			341234		1	34-CFDS
WC1	: NO DA				341234		1	34-ECAM
WC1		TA FROM			462134		1	46-CFDS
WC1		TA FROM				ECAM 1	2	31-ECAM
WC1		TA FROM		_		ECAM 2	2	31-ECAM
WC1			DMC1 OR			ECAM 1	1	31-CFDS
WC1			DMC1 OR			ECAM 1	1	31-ECAM
			DMC1 OR		316334		1	31-CFDS
			DMC1 OR			ECAM 2	1	
			DMC2 OR		316334		1	31-CFDS
			DMC2 OR		316334		1	31-ECAM
			DMC2 OR		316334		1	31-CFDS
			DMC2 OR	3	316334		1	31-ECAM
	: NO DA				316112		1	31-CFDS
	: NO DA				316112		1	31-CFDS
	: NO DA				732160		1	22-ECAM
	: NO DA				732160		1	73-CFDS
	: NO DA				732160		1	77-ECAM
	: NO DA				732160		1	22-ECAM
	: NO DA				732160		1	73-CFDS
	: NO DA				732160		1	77-ECAM
WC 7	: NO DA	IA FRUM	FCUIB		732160	ELAM 1	1	22-ECAM

EFF: ALL

SROS

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS	M	ESS/	AGES			ATA	SOURCE	CLASS	CH-PB101
					ECU1B		ECAM 1		73-CFDS
					ECU1B		ECAM 1		77-ECAM
					ECU1B		ECAM 2		22-ECAM
					ECU1B		ECAM 2		73-CFDS
WC1	:	NO	DATA	FROM	ECU1B	732160	ECAM 2	1	77-ECAM
					ECU2A		ECAM 1	1	22-ECAM
WC1	:	NO	DATA	FROM	ECU2A	732160	ECAM 1	1	73-CFDS
WC1	:	NO	DATA	FROM	ECU2A	732160	ECAM 1	1	77-ECAM
WC1	:	NO	DATA	FROM	ECU2A	732160	ECAM 2	1	22-ECAM
WC1	:	NO	DATA	FROM	ECU2A	732160	ECAM 2	1	73-CFDS
WC1	:	NO	DATA	FROM	ECU2A	732160	ECAM 2	1	77-ECAM
WC1	:	NO	DATA	FROM	ECU2B	732160	ECAM 1	1	22-ECAM
WC1	:	NO	DATA	FROM	ECU2B	732160	ECAM 1	1	73-CFDS
WC1	:	NO	DATA	FROM	ECU2B	732160	ECAM 1	1	77-ECAM
WC1	:	NO	DATA	FROM	ECU2B	732160	ECAM 2	1	22-ECAM
WC1	:	NO	DATA	FROM	ECU2B	732160	ECAM 2	1	73-CFDS
					ECU2B		ECAM 2		77-ECAM
				FROM			ECAM 1	1	73-CFDS
				FROM			ECAM 1	1	77-ECAM
				FROM			ECAM 2		73-CFDS
				FROM			ECAM 2		77-ECAM
				FROM			ECAM 1	1	73-CFDS
				FROM			ECAM 1	1	77-ECAM
				FROM			ECAM 2		73-CFDS
				FROM			ECAM 2		77-ECAM
				FROM			ECAM 1		22-CFDS
				FROM			ECAM 2	1	22-CFDS
				FROM			ECAM 1	1	22-CFDS
				FROM			ECAM 2	1	22-CFDS
					FCDC1		ECAM 1	1	27-CFDS
					FCDC1		ECAM 1		27-ECAM
					FCDC1		ECAM 2		27-CFDS
					FCDC1		ECAM 2		27-ECAM
					FCDC2		ECAM 1	1	27-CFDS
					FCDC2		ECAM 1		
					FCDC2		ECAM 2	1	27-CFDS
					FCDC2		ECAM 2	1	27-ECAM
					FCU1B/2B		ECAM 1	2	22-CFDS
					FCU1B/2B		ECAM 2	2	22-CFDS
					FMGC1/FGC1		ECAM 1	1	22-CFDS
					FMGC1/FGC1		ECAM 2	1	22-CFDS
					FMGC2/FGC2		ECAM 2	1	22-CFDS
					FMGC2/FGC2		ECAM 1	1	22-CFDS
							ECAM 2		
					FQI1A/1B			2	28-CFDS
					FQI1A/1B		ECAM 2	2	28-CFDS
					FQ12A/2B		ECAM 1	2	28-CFDS
					FQI2A/2B		ECAM 2	2	28-CFDS
WC 1	:	ΝÜ	DATA	FROM	GP51	545851	ECAM 1	1	34-CFDS

EFF: ALL

SROS

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

FDS	ME	SSA	GES			ATA	SOURCE	CLASS	CH-PB101
				FROM			ECAM 2	1	34-CFDS
				FROM			ECAM 1	1	34-CFDS
				FROM			ECAM 2	1	34-CFDS
				FROM			ECAM 1	1	34-CFDS
				FROM			ECAM 1	1	34-ECAM
				FROM			ECAM 2	1	34-CFDS
				FROM			ECAM 2	1	34-ECAM
				FROM			ECAM 1	1	34-CFDS
WC1	:	NO	DATA	FROM	ILS2		ECAM 1	1	34-ECAM
WC1	:	NO	DATA	FROM	ILS2	343631	ECAM 2	1	34-CFDS
WC1	:	NO	DATA	FROM	ILS2	343631	ECAM 2	1	34-ECAM
WC1	:	NO	DATA	FROM	LGCIU1	323171	ECAM 1	1	32-CFDS
WC1	:	NO	DATA	FROM	LGCIU1	323171	ECAM 2	1	32-CFDS
WC1	:	NO	DATA	FROM	LGCIU2	323171	ECAM 1	1	32-CFDS
WC1	:	NO	DATA	FROM	LGCIU2	323171	ECAM 2	1	32-CFDS
WC1	:	NO	DATA	FROM	MMR1	343631	ECAM 1	1	34-CFDS
WC1	:	NO	DATA	FROM	MMR1	343631	ECAM 1	1	34-ECAM
WC1	:	NO	DATA	FROM	MMR 1	343631	ECAM 2	1	34-CFDS
WC1	:	NO	DATA	FROM	MMR1	343631	ECAM 2	1	34-ECAM
WC1	:	NO	DATA	FROM	MMR2	343631	ECAM 1	1	34-CFDS
WC1	:	NO	DATA	FROM	MMR2	343631	ECAM 1	1	34-ECAM
				FROM		343631	ECAM 2	1	34-CFDS
	:	NO	DATA	FROM	MMR2	343631		1	34-ECAM
					OPPOSITE FWC		ECAM 1	2	31-CFDS
	:			FROM			ECAM 1	1	34-CFDS
	:			FROM			ECAM 1	1	34-ECAM
	:			FROM			ECAM 2	1	34-CFDS
	:			FROM			ECAM 2	1	34-ECAM
	:			FROM			ECAM 1	1	34-CFDS
	:			FROM			ECAM 1	1	34-ECAM
	:			FROM			ECAM 2	1	34-CFDS
	:			FROM			ECAM 2	1	34-ECAM
					SATCOM		ECAM 2	1	23-CFDS
WC1					SATCOM		ECAM 2	1	23-ECAM
					SDAC1		ECAM 1	1	31-CFDS
					SDAC1	315534		1	31-ECAM
					SDAC1		ECAM 2	1	31-CFDS
					SDAC1		ECAM 2	1	31-ECAM
					SDAC2	315534		1	31-CFDS
					SDAC2	315534		1	31-ECAM
					SDAC2	315534		1	31-CFDS
					SDCU1	261734		2	26-CFDS
					SDCU1	261734		2	26-CFDS
					SDCU2	261734		2	26-CFDS
					SDCU2		ECAM 2	2	26-CFDS
				FROM		344333		1	34-CFDS
				FROM		344333		1	34-ECAM
WC1					11				

EFF: ALL

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**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
FOS MESSAGES  WC1 : NO DATA FROM TCAS  WC1 : PIN PROG FAIL  WC1 : RH FLP SYNC 3CNB  WC1 : RH SLT SYNC 4CNB  WC1 : RH SLT SYNC 4CNB  WC1 : ADC1 (1FP1) AOA SIGNAL  WC1 : ADC2 (1FP2) AOA SIGNAL  WC1 : ADC2 (1FP2) AOA SIGNAL  WC1 : ADC3 (1FP3) AOA SIGNAL  WC1 : NO DATA FROM CIDS-SDF1  WC1 : NO DATA FROM CIDS-SDF1  WC1 : NO DATA FROM CIDS-SDF2  WC1 : NO DATA FROM CIDS-SDF2  WC1 : NO DATA FROM CIDS-SDF2  WC1 : NO DATA FROM OPPOSITE FWC  WC1 : LH FLP SYNC 3CNA  WC1 : LH SLT SYNC 4CNA  WC1 : LH SLT SYNC 4CNA  WC1 : NO DATA FROM ATSU  WC1 : NO DATA FROM SATCOM  WC1 : NO DATA FROM SATCOM  WC1 : NO DATA FROM SATCOM  WC1 : RH FLP SYNC 3CNB  WC1 : RH SLT SYNC 4CNB  WC1 : RH SLT SYNC 4CNB  WC1 : RH SLT SYNC 4CNB	344333	ECAM 2	1	34-CFDS
WC1 : NO DATA FROM TCAS	344333	ECAM 2	1	34-ECAM
WC1 : PIN PROG FAIL	315334	ECAM 2	1	31-CFDS
WC1 : PIN PROG FAIL	315334	ECAM 2	1	31-ECAM
WC1 : PIN PROG FAIL	315334	ECAM 2	2	31-CFDS
WC1 : RH FLP SYNC 3CNB	275511	ECAM 1	2	27-CFDS
WC1: RH FLP SYNC 3CNB	275511	ECAM 1	3	27-CFDS
WC1 : RH SLT SYNC 4CNB	278511	ECAM 1	2	27-CFDS
WC1 : RH SLT SYNC 4CNB	278511	ECAM 1	3	27-CFDS
WC1 :ADC1 (1FP1) AOA SIGNAL	341234	ECAM 1	2	34-ECAM
WC1 :ADC1 (1FP1) AOA SIGNAL	341234	ECAM 2	2	34-ECAM
WC1 :ADC2 (1FP2) AOA SIGNAL	341234	ECAM 1	2	34-ECAM
WC1 :ADC2 (1FP2) AOA SIGNAL	341234	ECAM 2	2	34-ECAM
WC1 :ADC3 (1FP3) AOA SIGNAL	341234	ECAM 1	2	34-ECAM
WC1 :ADC3 (1FP3) AOA SIGNAL	341234	ECAM 2	2	34-ECAM
WC1(1WW1)/ATSU1(1TX1)	315334	ACARSMU	3	31-CFDS
WC1(1WW1)/ATSU1(1TX1)	315334	ATSU	3	31-CFDS
WC1: NO DATA FROM CIDS-SDF1	261734	ECAM 1	2	26-CFDS
WC1: NO DATA FROM CIDS-SDF1	261734	ECAM 2	2	26-CFDS
WC1: NO DATA FROM CIDS-SDF2	261734	ECAM 1	2	26-CFDS
WC1: NO DATA FROM CIDS-SDF2	261734	ECAM 2	2	26-CFDS
WC1: NO DATA FROM OPPOSITE FWC	315334	ECAM 2	1	31-ECAM
WC1: LH FLP SYNC 3CNA	275511	ECAM 2	2	27-CFDS
WC1: LH FLP SYNC 3CNA	275511	ECAM 2	3	27-CFDS
WC1: LH SLT SYNC 4CNA	278511	ECAM 2	2	27-CFDS
WC1: LH SLT SYNC 4CNA	278511	ECAM 2	3	27-CFDS
WC1: NO DATA FROM ATSU	462134	ECAM 1	1	46-CFDS
WC1: NO DATA FROM ATSU	462134	ECAM 1	1	46-ECAM
WC1: NO DATA FROM ATSU	462134	ECAM 2	1	46-CFDS
WC1: NO DATA FROM ATSU	462134	ECAM 2	1	46-ECAM
WC1: NO DATA FROM SATCOM	232834	ECAM 1	1	23-CFDS
WC1: NO DATA FROM SATCOM	232834	ECAM 1	1	23-ECAM
WC1: RH FLP SYNC 3CNB	275511	ECAM 2	2	27-CFDS
WC1: RH FLP SYNC 3CNB	275511	ECAM 2	3	27-CFDS
WC1: RH SLT SYNC 4CNB	278511	ECAM 2	2	27-CFDS
WC1: RH SLT SYNC 4CNB	278511	ECAM 2	3	27-CFDS
WC2		ECAM 1	1	31-ECAM
WC2		ECAM 2	1	31-ECAM
WC2		ECAM 2	3	31-CFDS
WC2 (1WW2) / DMU (1TV)	315334		3	31-CFDS
WC2 : LH FLP SYNC 3CNA		ECAM 2	2	27-CFDS
WC2 : LH FLP SYNC 3CNA		ECAM 2	3	27-CFDS
WC2 : LH SLT SYNC 4CNA		ECAM 2	2	27-CFDS
WC2 : NO DATA FROM ACARS		ECAM 1	1	23-CFDS
WC2 : NO DATA FROM ACARS		ECAM 2	1	23-CFDS
WC2 : NO DATA FROM ADC1		ECAM 1	1	27-ECAM
WC2 : NO DATA FROM ADC1		ECAM 1	1	34-CFDS
WC2 : NO DATA FROM ADC1	341234	ECAM 1	1	34-ECAM

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#### TROUBLE SHOOTING MANUAL

		:33A	GES			ATA 	SOURCE	CLASS	CH-PB101
				FROM		341234		1	27-ECAM
				FROM			ECAM 2	1	34-CFDS
				FROM			ECAM 2	1	34-ECAM
				FROM			ECAM 1	1	27-ECAM
				FROM			ECAM 1	1	34-CFDS
				FROM			ECAM 1	1	34-ECAM
				FROM			ECAM 2	1	27-ECAM
				FROM			ECAM 2	1	34-CFDS
				FROM			ECAM 2	1	34-ECAM
				FROM			ECAM 1	1	27-ECAM
				FROM			ECAM 1	1	34-CFDS
				FROM			ECAM 1	1	34-ECAM
				FROM		341234		1	27-ECAM
				FROM		341234		1	34-CFDS
				FROM			ECAM 2	1	34-ECAM
WC2				FROM			ECAM 1	1	46-CFDS
WC2					CFDIU		ECAM 1	2	31-ECAM
WC2	:	NO	DATA	FROM	CFDIU	313234	ECAM 2	2	31-ECAM
WC2	:	NO	DATA	FROM	DMC1 OR 3	316334	ECAM 1	1	31-CFDS
WC2	:	NO	DATA	FROM	DMC1 OR 3	316334	ECAM 1	1	31-ECAM
WC2	:	NO	DATA	FROM	DMC1 OR 3	316334	ECAM 2	1	31-CFDS
WC2	:	NO	DATA	FROM	DMC1 OR 3	316334	ECAM 2	1	31-ECAM
WC2	:	NO	DATA	FROM	DMC2 OR 3	316334	ECAM 1	1	31-CFDS
WC2	:	NO	DATA	FROM	DMC2 OR 3	316334	ECAM 1	1	31-ECAM
WC2	:	NO	DATA	FROM	DMC2 OR 3	316334	ECAM 2	1	31-CFDS
WC2	:	NO	DATA	FROM	DMC2 OR 3	316334	ECAM 2	1	31-ECAM
WC2	:	NO	DATA	FROM	ECP	316112	ECAM 1	1	31-CFDS
WC2	:	NO	DATA	FROM	ECP	316112	ECAM 2	1	31-CFDS
WC2	:	NO	DATA	FROM	ECU1A	732160	ECAM 1	1	22-ECAM
WC2	:	NO	DATA	FROM	ECU1A	732160	ECAM 1	1	73-CFDS
WC2	:	NO	DATA	FROM	ECU1A	732160	ECAM 1	1	77-ECAM
WC2	:	NO	DATA	FROM	ECU1A	732160	ECAM 2	1	22-ECAM
WC2	:	NO	DATA	FROM	ECU1A	732160	ECAM 2	1	73-CFDS
WC2	:	NO	DATA	FROM	ECU1A		ECAM 2	1	77-ECAM
WC2	:	NO	DATA	FROM	ECU1B	732160	ECAM 1	1	22-ECAM
					ECU1B	732160		1	73-CFDS
					ECU1B	732160		1	77-ECAM
					ECU1B		ECAM 2	1	22-ECAM
					ECU1B		ECAM 2	1	73-CFDS
					ECU1B	732160		1	77-ECAM
					ECU2A	732160		1	22-ECAM
					ECU2A	732160		1	73-CFDS
					ECU2A	732160		1	77-ECAM
					ECU2B	732160		1	22-ECAM
					ECU2B	732160		1	73-CFDS
					ECU2B	732160		1	77-ECAM
					ECU2B		ECAM 2	1	22-ECAM
WOL					ECU2B		ECAM 2	1	73-CFDS

EFF: ALL

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#### TROUBLE SHOOTING MANUAL

FDS	MI	ESSA	AGES			ATA	SOURCE	CLASS	CH-PB101
					ECU2B		ECAM 2	1	77-ECAM
				FROM			ECAM 1	1	73-CFDS
WC2				FROM			ECAM 1	1	77-ECAM
WC2				FROM			ECAM 2	1	73-CFDS
WC2				FROM			ECAM 2	1	77-ECAM
WC2				FROM			ECAM 1	1	73-CFDS
WC2	:			FROM			ECAM 1	1	77-ECAM
WC2	:	NO	DATA	FROM	EIU2	732534	ECAM 2	1	73-CFDS
WC2	:	NO	DATA	FROM	EIU2	732534	ECAM 2	1	77-ECAM
WC2	:	NO	DATA	FROM	FAC1	226634	ECAM 1	1	22-CFDS
WC2	:	NO	DATA	FROM	FAC1	226634	ECAM 2	1	22-CFDS
WC2	:	NO	DATA	FROM	FAC2	226634	ECAM 1	1	22-CFDS
WC2	:	NO	DATA	FROM	FAC2	226634	ECAM 2	1	22-CFDS
WC2	:	NO	DATA	FROM	FCDC1	279534	ECAM 1	1	27-CFDS
WC2					FCDC1	279534	ECAM 1	1	27-ECAM
WC2			DATA	FROM	FCDC1		ECAM 2	1	27-CFDS
WC2					FCDC1		ECAM 2	1	27-ECAM
WC2					FCDC2	279534		1	27-CFDS
WC2					FCDC2		ECAM 1	1	27-ECAM
WC2					FCDC2		ECAM 2	1	27-CFDS
WC2					FCDC2		ECAM 2	1	27-ECAM
WC2					FCU1B/2B		ECAM 1	1	22-CFDS
WC2					FCU1B/2B	228112		1	22-CFDS
WC2					FMGC1/FGC1	228334		1	22-CFDS
WC2					FMGC1/FGC1	228334		1	22-CFDS
WC2					FMGC2/FGC2	228334		1	22-CFDS
WC2					FMGC2/FGC2	228334		1	22-CFDS
WC2					FQI1A/1B		ECAM 1	2	28-CFDS
WC2					FQI1A/1B	284234		2	28-CFDS
WC2					FQI2A/2B		ECAM 2	2	
									28-CFDS
WC2					FQI2A/2B		ECAM 2	2	28-CFDS
WC2				FROM			ECAM 1	1	34-CFDS
WC2				FROM			ECAM 2	1	34-CFDS
WC2				FROM			ECAM 1	1	34-CFDS
				FROM			ECAM 2	1	34-CFDS
				FROM		343631		1	34-CFDS
				FROM		343631		1	34-ECAM
				FROM		343631		1	34-CFDS
				FROM		343631		1	34-ECAM
				FROM		343631		1	34-CFDS
				FROM		343631		1	34-ECAM
				FROM		343631		1	34-CFDS
				FROM		343631		1	34-ECAM
WC2	:	NO	DATA	FROM	LGCIU1	323171	ECAM 1	1	32-CFDS
WC2	:	NO	DATA	FROM	LGCIU1	323171	ECAM 2	1	32-CFDS
WC2	:	NO	DATA	FROM	LGCIU2	323171	ECAM 1	1	32-CFDS
WC2	:	NO	DATA	FROM	LGCIU2	323171	ECAM 2	1	32-CFDS
WL2		NO	DATA	FROM	MMR1	343631		1	34-CFDS

EFF: ALL

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#### TROUBLE SHOOTING MANUAL

FDS M	MESSAGES				ATA	SOURCE	CLASS	CH-PB101
	: NO DAT					ECAM 1	1	34-ECAM
	NO DATA					ECAM 2	1	34-CFDS
	: NO DATA					ECAM 2	1	34-ECAM
	NO DAT					ECAM 1	1	34-CFDS
	NO DAT					ECAM 1	1	34-ECAM
	NO DATA					ECAM 2	1	34-CFDS
	NO DATA				343631		1	34-ECAM
				FWC			2	31-CFDS
	NO DATA					ECAM 1	1	34-CFDS
	: NO DATA					ECAM 1	1	34-ECAM
WC2 :	: NO DATA	FROM	RA1		344233	ECAM 2	1	34-CFDS
WC2 :	: NO DATA	FROM	RA1		344233		1	34-ECAM
WC2 :	NO DATA	FROM	RA2			ECAM 1	1	34-CFDS
	: NO DATA				344233	ECAM 1	1	34-ECAM
WC2 :	: NO DATA	FROM	RA2		344233	ECAM 2	1	34-CFDS
WC2 :	: NO DATA	FROM	RA2		344233	ECAM 2	1	34-ECAM
WC2 :	NO DATA	FROM	SATCOM		232834	ECAM 1	1	23-CFDS
wc2 :	NO DATA	FROM	SATCOM		232834	ECAM 1	1	23-ECAM
wc2 :	NO DATA	FROM	SDAC1		315534	ECAM 1	1	31-ECAM
wc2 :	NO DATA	FROM	SDAC1		315534	ECAM 2	1	31-CFDS
NC2 :	NO DATA	FROM	SDAC1		315534	ECAM 2	1	31-ECAM
WC2 :	NO DATA	FROM	SDAC2		315534	ECAM 2	1	31-CFDS
WC2 :	NO DATA	FROM	SDCU1		261734	ECAM 1	2	26-CFDS
WC2 :	NO DATA	FROM	SDCU1		261734	ECAM 2	2	26-CFDS
WC2 :	NO DATA	FROM	SDCU2		261734	ECAM 1	2	26-CFDS
WC2 :	NO DATA	FROM	SDCU2		261734	ECAM 2	2	26-CFDS
WC2 :	NO DATA	FROM	TCAS		344333	ECAM 1	1	34-CFDS
wc2 :	NO DATA	FROM	TCAS		344333	ECAM 1	1	34-ECAM
WC2 :	NO DATA	FROM	TCAS		344333	ECAM 2	1	34-CFDS
WC2 :	NO DATA	FROM	TCAS		344333	ECAM 2	1	34-ECAM
wc2 :	NO DATA	FROM	TCAS		344333	ECAM 2	1	34-EFIS
WC2 :	: PIN PRO	G FAI	L		315334	ECAM 1	1	31-CFDS
WC2 :	: PIN PRO	G FAI	L		315334	ECAM 1	1	31-ECAM
WC2 :	: PIN PRO	G FAI	L		315334	ECAM 1	2	31-CFDS
wc2 :	RH FLP	SYNC	3CNB		275511	ECAM 2	2	27-CFDS
wc2 :	RH SLT	SYNC	4CNB		278511	ECAM 2	2	27-CFDS
WC2 :	ADC1 (1	P1) A	DA SIGNAL		341234	ECAM 1	2	34-ECAM
WC2 :	ADC1 (1	P1) A	DA SIGNAL		341234	ECAM 2	2	34-ECAM
wc2 :	ADC2 (1	P2) A	DA SIGNAL		341234	ECAM 1	2	34-ECAM
			DA SIGNAL		341234	ECAM 2	2	34-ECAM
			DA SIGNAL		341234	ECAM 1	2	34-ECAM
			DA SIGNAL			ECAM 2	2	34-ECAM
	1WW2)/ATS					ACARSMU		31-CFDS
	1WW2)/ATS				315334		3	31-CFDS
WC2:		-	CIDS-SDF1			ECAM 1	2	26-CFDS
WC2:			CIDS-SDF1			ECAM 2	2	26-CFDS
WC2:			CIDS-SDF2			ECAM 1	2	26-CFDS
			CIDS-SDF2			ECAM 2	2	26-CFDS

EFF: ALL

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
FWC2: NO DATA FROM ECU2A FWC2: NO DATA FROM ECU2A FWC2: NO DATA FROM ECU2A FWC2: NO DATA FROM OPPOSITE FWC FWC2: NO DATA FROM SDAC2 FWC2: LH FLP SYNC 3CNA FWC2: LH FLP SYNC 3CNA FWC2: LH SLT SYNC 4CNA FWC2: NO DATA FROM ATSU FWC2: NO DATA FROM ATSU FWC2: NO DATA FROM ATSU FWC2: NO DATA FROM SATCOM FWC2: RH FLP SYNC 3CNB FWC2: RH FLP SYNC 3CNB FWC2: RH FLP SYNC 3CNB FWC2: RH SLT SYNC 4CNB FWC2: RH SLT	732160	ECAM 2	1	22-ECAM
FWC2: NO DATA FROM ECU2A	732160	ECAM 2	1	73-CFDS
FWC2: NO DATA FROM ECU2A	732160		1	77-ECAM
FWC2: NO DATA FROM OPPOSITE FWC	315334		1	31-ECAM
FWC2: NO DATA FROM SDAC2	315534		1	31-CFDS
FWC2: LH FLP SYNC 3CNA	275511	ECAM 1	2	27-CFDS
FWC2: LH FLP SYNC 3CNA	275511	ECAM 1	3	27-CFDS
FWC2: LH SLT SYNC 4CNA	278511	ECAM 1	2	27-CFDS
FWC2: LH SLT SYNC 4CNA	278511	ECAM 1	3	27-CFDS
FWC2: LH SLT SYNC 4CNA	278511	ECAM 2	3	27-CFDS
FWC2: NO DATA FROM ATSU	462134	ECAM 1	1	46-CFDS
FWC2: NO DATA FROM ATSU	462134	ECAM 1	1	46-ECAM
FWC2: NO DATA FROM ATSU	462134	ECAM 2	1	46-CFDS
FWC2: NO DATA FROM ATSU	462134	ECAM 2	1	46-ECAM
FWC2: NO DATA FROM SATCOM	232834	ECAM 2	1	23-CFDS
FWC2: NO DATA FROM SATCOM	232834	ECAM 2	1	23-ECAM
FWC2: RH FLP SYNC 3CNB	275511	ECAM 1	2	27-CFDS
FWC2: RH FLP SYNC 3CNB	275511	ECAM 1	3	27-CFDS
FWC2: RH FLP SYNC 3CNB	275511	ECAM 2	3	27-CFDS
FWC2: RH SLT SYNC 4CNB	278511	ECAM 1	2	27-CFDS
FWC2: RH SLT SYNC 4CNB	278511	ECAM 1	3	27-CFDS
FWC2: RH SLT SYNC 4CNB	278511	ECAM 2	3	27-CFDS
FWD ATTND PNL	237312	CIDS 1	1	23-CFDS
FWD ATTND PNL	237312	CIDS 1	1	23-LOCAL
FWD CAB DUCT OVHT SENSOR	216318	TEMPCTL		21-CFDS
FWD CAB TEMP SEL	216311	TEMPCTL	2	21-CFDS
FWD CAB TEMP SEL	216311	TEMPCTL		21-CFDS
The states read managed and the state and th			1	21-ECAM
		LGCIU 1	1	52-ECAM
FWD CARGO DOOR HANDLE PROX SNSR 28WV TGT POS			1	21-ECAM
FWD CARGO DOOR HANDLE PROX SNSR 28WV TGT POS		LGCIU 1	1	52-ECAM
FWD CARGO DOOR SAFETY MECHANISM PROX SNSR 30WV			1	52-ECAM
FWD CARGO DR LOCKSHAFT PROX SNSR 05MJ		LGCIU 2	1	52-CFDS
FWD CARGO DR LOCKSHAFT PROX SNSR 05MJ TGT POS				52-ECAM
FWD CARGO DR SAFETY MECH PROX SNSR 30WV TGT	523115	LGCIU 1	1	52-ECAM
POS	0.400==			• • • • • • • • • • • • • • • • • • • •
FWD CARGO FAN OR SPLY		TEMPCTL		21-ECAM
G HYD PRESS SW1		EFCS 1	2	27-ECAM
G HYD PRESS SW1		EFCS 2	2	27-ECAM
G HYD PRESS SW1		EFCS 1	2	27-ECAM
G HYD PRESS SW1		EFCS 2	2	27-ECAM
G HYD PRESS SW2		EFCS 1	2	27-ECAM
G HYD PRESS SW2		EFCS 2	2	27-ECAM
G HYD PRESS SW2		EFCS 1	2	27-ECAM
G HYD PRESS SW2		EFCS 2	2	27-ECAM
G HYD PRESS XMTR 1065GN		EFCS 1	2	27-ECAM
	74471111	EFCS 2	2	27-ECAM
G HYD PRESS XMTR 1065GN GALY & TOIL FAN OR SPLY		TEMPCTL		21-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
GAPCU (24XG)	244134	AC GEN	1	24-CFDS
GAPCU (24XG)	244134	AC GEN	1	24-ECAM
GAPCU (24XG)	244134	AC GEN	1	24-LOCAL
GAPCU (24XG)	244134	AC GEN	1	24-0BSV
GAPCU (24XG)	244134	AC GEN	2	24-CFDS
SAPCU (24XG)	244134	AC GEN	2	24-ECAM
APCU (24XG)	244134	AC GEN	3	24-CFDS
APCU (24XG)	244134	AC GEN	3	24-LOCAL
APCU (24XG)	244134	AC GEN	3	24-0BSV
GAPCU (24XG) EXC FLD/GEN APU (8XS)	243134	AC GEN	1	24-ECAM
SAPCU (24XG)/ANN LT BOARD (10LP)	243134	AC GEN	3	24-CFDS
SAPCU (24XG)/EXT PWR AUX RELAY (5XG)	243134	AC GEN	1	24-CFDS
GAPCU (24XG)/GEN APU (8XS) PMG	242351	AC GEN	1	24-ECAM
	244134			24-ECAM
SAPCU (24XG)/GLC APU GEN (3XS)	243134			24-CFDS
SAPCU (24XG)/WRG: CB TO GAPCU PR	244100			24-CFDS
APCU (24XG)/WRG: CB TO GAPCU PR				24-0BSV
CCU APU	242334	AC GEN	1	24-ECAM
CU APU		AC GEN		24-CFDS
CU1		AC GEN		24-ECAM
CU1		AC GEN		24-CFDS
CU1 (1XU1)		AC GEN		24-CFDS
CU1 (1XU1)		AC GEN		24-ECAM
CU1 (1XU1)		AC GEN		24-LOCAL
CU1 (1XU1)		AC GEN	2	24-CFDS
CU1 (1XU1)		AC GEN	2	24-ECAM
CU1 (1XU1)	242234		3	24-CFDS
CU1 (1XU1) EXC FLD/ IDG1 (E1-4000XU)			1	24-ECAM
COLA (AVUA) CEN FALLET LE CEL (BOARD (AOLD)			1	24-CFDS
	242234		3	24-CFDS
GCU1 (1XU1)/BTC1 (11XU1)	242200			24-ECAM
CU1 (1XU1)/DIODE MODULE (2420VD)		AC GEN		24-ECAM
CU1 (1XU1)/IDG1 (E1-4000XU)		AC GEN		24-ECAM
		AC GEN		24-ECAM
CU1 (1XU1)/IDG1 (E1-4000XU) PMG CU1 (1XU1)/LGCIU1 (5GA1)	242234	AC GEN		24-ECAM
CU2		AC GEN		24-ECAM
CU2		AC GEN		24-CFDS
CU2 (1XU2)		AC GEN		24-CFDS
CU2 (1XU2)		AC GEN		24-ECAM
CU2 (1XU2)		AC GEN		24-LOCAL
CU2 (1XU2)		AC GEN		24-CFDS
CU2 (1XU2)		AC GEN	2	24-ECAM
CU2 (1XU2)		AC GEN	3	24-CFDS
CU2 (1XU2) EXC FLD/ IDG2 (E2-4000XU)			1	24-CF03
CU2 (1XU2) GEN FAULT LT CTL/BOARD (10LP)				24-CFDS
CU2 (1XU2) 1553 BUS/ GAPCU (24XG)	242234			24-CFDS
CU2 (1XU2)/BTC2 (11XU2)		AC GEN		24-CFD3
CU2 (1XU2)/BIC2 (11XU2)		AC GEN		24-ECAM
JOOL (INOC//PIONE MONULE (CHCCVV)	242234	AC GEN	'	Z- ECAM

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**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
GCU2 (1XU2)/IDG2 (E2-4000XU) GCU2 (1XU2)/IDG2 (E2-4000XU) PMG	242151	AC GEN	1	24-ECAM
GCU2 (1XU2)/IDG2 (E2-4000XU) PMG	242234	AC GEN	1	24-ECAM
GCU2 (1XU2)/LGCIU1 (5GA1) GEN APU (GEN DIODE) GEN APU (8XS) EX FLD/ GAPCU (24XG)	242234	AC GEN	1	24-ECAM
GEN APU (GEN DIODE)	242351	AC GEN	1	24-ECAM
GEN APU (8XS) EX FLD/ GAPCU (24XG)	242351	AC GEN	1	24-ECAM
GEN APU (8XS) GEN CT/ GAPCU (24XG) GEN APU (8XS) PMG/ GAPCU (24XG) GEN APU (8XS) PMG/GAPCU (24XG) GEN APU (8XS)/ WRG: GEN APU PMG	242351	AC GEN	1	24-ECAM
GEN APU (8XS) PMG/ GAPCU (24XG)	242351	AC GEN	2	24-ECAM
GEN APU (8XS) PMG/GAPCU (24XG)	242351	AC GEN	1	24-ECAM
GEN APU (8XS)/ WRG: GEN APU PMG	242351	AC GEN	1	24-ECAM
GEN APU (8XS)/GAPCU (24XG)/APU CTL RLY (6KD)	242351	AC GEN	1	24-ECAM
GEN APU(8XS)/GAPCU(24XG) /WRG: GEN APU FEEDER		AC GEN		24-ECAM
GEN HIGH OIL TEMP	ASD	APU		49-ECAM
GEN SCAV + LUBE FILTERS (8069KM) / (8076KM)				
GEN SCAV FILTER (8069KM) AND LUBE FILTER				49-ECAM
(8076KM)	7// 17 1	AI U	_	4) LUAN
GEN SCAVENG PMP(8085KM)/ GEN (8XS) / ECB (59KD)		APU	1	49-ECAM
(59KD) GENERATOR (8XS) GENERATOR OIL TEMP SENSOR (8XS) GENERATOR OIL TEMP SNSR P24 GENERATOR 8XS	242351	APU	3	24-CFDS
GENERATOR OIL TEMP SENSOR (8XS)	242351	APU	3	24-CFDS
GENERATOR OIL TEMP SNSR P24	242351	APU	3	24-CFDS
GENERATOR 8XS	242351	APU	3	24-CFDS
GEN1 DELTA CURRENT OTHER CHANNEL	245000	AC GEN	1	24-ECAM
GEN1 OVERCURRENT + GCU1 (1XU1)/BTC1 (11XU1)				24-ECAM
GEN1 OVERCURRENT OTHER CHANNEL	245000	AC GEN		24-ECAM
GEN1 OVERCURRENT OTHER CHANNEL GEN1 OVERLOAD	245000	AC GEN		24-ECAM
GEN2 DELTA CURRENT OTHER CHANNEL	245000	AC GEN	1	24-ECAM
GEN2 OVERCURRENT + GCU2 (1XU2)/BTC2 (11XU2)	245000			24-ECAM
GEN2 OVERCURRENT OTHER CHANNEL	245000	AC GEN		24-ECAM
GEN2 OVERLOAD	245000	AC GEN		24-ECAM
GEN2 OVERCURRENT OTHER CHANNEL GEN2 OVERLOAD GLC APU GLC APU (3XS)/GAPCU (24XG) GLC APU (3XS)/RELAY(4XS)	242355	AC GEN		24-ECAM
GIC APIL (3XS)/GAPCIL (24XG)	242355	AC GEN		24-ECAM
GIC APIL (3XS)/RELAY(AXS)	242355			24-ECAM
GLC AUX RLY (4XU1)/GLC1 (9XU1)/GCU1 (1XU1)	2/2200			24-ECAM
GLC AUX RLY (4XU1)/GLC1 (9XU1)/GCU1 (1XU1)	242255	AC GEN	1	24-ECAM
GLC AUX RLY (4XU2)/GLC2 (9XU2)/GCU2 (1XU2)				
GLC AUX RLY (4XU2)/GLC2 (9XU2)/GCU2 (1XU2)		AC GEN		24-ECAM
GLC1 (9XU1)		AC GEN		24-ECAM
GLC1 (9XU1)/BTC1 (11XU1) /GCU1 (1XU1)		AC GEN		24-ECAM
GLC1 (9XU1)/GCU1 (1XU1)		AC GEN		24-ECAM
				24-ECAM 24-CFDS
GLC1 (9XU1)/GCU1 (1XU1)		AC GEN		
GLC1 AND/OR BTC1		AC GEN		24-ECAM
GLC2 (9XU2)		AC GEN		24-ECAM
GLC2 (9XU2)/BTC2 (11XU2) /GCU2 (1XU2)		AC GEN		24-ECAM
GLC2 (9XU2)/GCU2 (1XU2)		AC GEN		24-ECAM
GLC2 (9XU2)/GCU2 (1XU2)		AC GEN		24-CFDS
GLC2 AND/OR BTC2		AC GEN		24-ECAM
GLIDE ANTENNA (4RT)/ COAX CABLE/MMR1(4ORT1) GLIDE ANTENNA (4RT)/ COAX CABLE/MMR2(4ORT2)				34-EFIS 34-EFIS

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CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB10
GND AEVC	212634	AEVC	1	21-ECAM
GND CHECK FDU APU LOOP A/B NO DATA FROM FDU	261300	FDU APU	1	26-CFDS
APU				
GND COOL UNIT 12HD	212734	AEVC	1	21-ECAM
GND FDU APU	261334	FDU APU	1	26-ECAM
GND FDU APU	261334	FDU APU	3	26-CFDS
GPCU	244134	AC GEN	1	24-LOCAL
GPCU	244134	AC GEN	3	24-CFDS
GPS ANTENNA1 (43RT1)/ COAX CABLE/MMR1(40RT1)	343616	MMR 1	1	34-ECAM
GPS ANTENNA2 (43RT2)/ COAX CABLE/MMR2(40RT2)	343616	MMR 2	1	34-ECAM
GPSSU1 (1SN1)	345831	IR 1	1	34-ECAM
GPSSU1 (1SN1)	345831	IR 2	1	34-ECAM
GPSSU1 (1SN1)	345831	IR 3	1	34-ECAM
GPSSU1 (1SN1)/ ADIRU1 (1FP1)	345831	IR 1	1	34-CFDS
GPSSU1 (1SN1)/ ADIRU1 (1FP1)	345831	IR 1	1	34-ECAM
GPSSU1 (1SN1)/ ADIRU2 (1FP2)	345831	IR 2	1	34-CFDS
GPSSU1 (1SN1)/ ADIRU2 (1FP2)	345831	IR 2	1	34-ECAM
GPSSU1 (1SN1)/ ADIRU3 (1FP3)	345831	IR 3	1	34-CFDS
GPSSU1 (1SN1)/ ADIRU3 (1FP3)	345831		1	34-ECAM
GPSSU1 (1SN1)	345831		1	34-ECAM
GPSSU1 (1SN1)	345831			34-CFDS
GPSSU1 (1SN1)	345831			34-CFDS
GPSSU1 (1SN1)	345831			34-CFDS
GPSSU1 (1SN1)	345831			34-CFDS
GPSSU1 (1SN1) + GPSSU2 (1SN2)	345831		1	34-ECAM
GPSSU1 (1SN1) + GPSSU2 (1SN2)	345831		1	34-EFIS
GPSSU1 (1SN1) + GPSSU2 (1SN2)	345831		1	34-ECAM
GPSSU1 (1SN1) + GPSSU2 (1SN2)	345831		1	34-EFIS
GPSSU1 (1SN1) + GPSSU2 (1SN2)	345831		1	34-ECAM
GPSSU1 (1SN1) + GPSSU2 (1SN2)	345831		1	34-EFIS
GPSSU1 (1SN1) COAXIAL CABLE	345800		1	34-ECAM
GPSSU1 (1SN1)/ ADIRU1 (1FP1)	345831			34-CFDS
GPSSU1 (1SN1)/ ADIRU2 (1FP2)	345831		3	34-CFDS
GPSSU1 (1SN1)/ ADIRU3 (1FP3)	345831		3	34-CFDS
GPSSU2 (1SN2)	345831		1	
GPSSU2 (1SN2)	345831		1	34-ECAM
GPSSU2 (1SN2)	345831		1	34-ECAM
GPSSU2 (1SN2)/ ADIRU1 (1FP1)	345831		1	34-CFDS
GPSSU2 (1SN2)/ ADIRU1 (1FP1)	345831		1	34-ECAM
GPSSU2 (1SN2)/ ADIRU2 (1FP2)	345831		1	34-CFDS
GPSSU2 (1SN2)/ ADIRU2 (1FP2)	345831		1	34-ECAM
GPSSU2 (1SN2)/ ADIRU3 (1FP3)	345831		1	34-CFDS
GPSSU2 (1SN2)/ ADIRU3 (1FP3)	345831		1	34-ECAM
GPSSU2 (1SN2)	345831		1	34-ECAM
GPSSU2 (1SN2)	345831		3	34-CFDS
GPSSU2 (1SN2)	345831		3	34-CFDS
GPSSU2 (1SN2)	345831		3	34-CFDS
GPSSU2 (1SN2)	345831		3	34-CFDS

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES				CH-PB101
GPSSU2 (1SN2) COAXIAL CABLE GPSSU2 (1SN2)/ ADIRU1 (1FP1) GPSSU2 (1SN2)/ ADIRU2 (1FP2) GPSSU2 (1SN2)/ ADIRU3 (1FP3) GPSSU2(1SN2)/ATSU1(1TX1) GPSSU2(1SN2)/ATSU1(1TX1) GPWC (1WZ) GPWC (1WZ) GPWC (1WZ) / DMU (1TV) GPWC (1WZ) / FDIMU (1OTV) GPWC (1WZ) / FDIMU (1OTV)	345800	GPS 2	1	34-ECAM 34-CFDS 34-CFDS 34-CFDS
GPSSU2 (1SN2)/ ADIRU1 (1FP1)	345831	IR 1	3	34-CFDS
GPSSU2 (1SN2)/ ADIRU2 (1FP2)	345831	IR 2	3	34-CFDS
GPSSU2 (1SN2)/ ADIRU3 (1FP3)	345831	IR 3	3	34-CFDS
GPSSU2(1SN2)/ATSU1(1TX1)	343631	ACARSMU	3	34-CFDS
GPSSU2(1SN2)/ATSU1(1TX1)	343631	ATSU	3	34-CFDS
GPSSU2(1SN2)/ATSU1(1TX1)  GPWC (1WZ)  GPWC (1WZ)  GPWC (1WZ)  GPWC (1WZ) / DMU (1TV)  GPWC (1WZ) / FDIMU (1OTV)  GPWC (1WZ)/FWC1/2 (1WW1/2)/WXR1/2 (1SQ1/2)  GPWC(100SG)  GPWC(100SG)  GPWS FLP MODE PB SW(7WZ) /SFCC1 (21CV)/GPWC	344834	GPWC	1	34-ECAM
GPWC (1WZ)	344834	GPWC	3	34-CFDS
GPWC (1WZ) / DMU (1TV)	344834	DMU	3	34-CFDS
GPWC (1WZ) / FDIMU (10TV)	344834	DMU	3	34-CFDS
GPWC (1WZ)/FWC1/2 (1WW1/2)/WXR1/2 (1SQ1/2)	344834	GPWC	1	34-ECAM
GPWC(100SG)	344334	GPWC	1	34-ECAM
GPWC(100SG)	344334	GPWC	3	34-CFDS
GPWS FLP MODE PB SW(7WZ) /SFCC1 (21CV)/GPWC	344808	GPWC	1	34-CFDS
(1WZ)				
GPWS FLP MODE PB SW(7WZ) /SFCC1 (21CV)/GPWC (1WZ)	344808	GPWC	1	34-ECAM
	344808	GPWC	3	34-CEDS
GPWS PULL UP GPWS PB SW LAMP(4/5WZ)GPWC(100SG) GPWS PULL UP GPWS PB SW	344808	GPWC	3	34-CFDS
LAMP(4WZ1/2)GPWC(100SG)	5 1 1000	G	•	3. 0. 50
GPWS SYS PR SW LAMP (9W7)/GPWC(1NNSG)	344808	GPWC	3	34-CEDS
GPWS SYS PR SW(9W7) /GPWC(1005G)	344808	GPWC	1	34-FCAM
GPWS SYS PR SW(9W7)/GPWC (1W7)	344808	CPML	1	34-FCAM
GPWS TEDD DR SW (31W7) /GPWC (1W7)	344808	CPMC	1	34-FCAM
LAMP(4WZ1/2)GPWC(100SG)  GPWS SYS PB SW LAMP (9WZ)/GPWC(100SG)  GPWS SYS PB SW(9WZ) /GPWC(100SG)  GPWS SYS PB SW(9WZ)/GPWC (1WZ)  GPWS TERR PB SW (31WZ) /GPWC (1WZ)  GPWS TERR PB SW LAMP (31WZ)/GPWC(100SG)  GPWS TERR PB SW(31WZ) /GPWC(100SG)  GREEN SYSTEM PRESS SWITCH(1151GN)  GREEN SYSTEM PRESS SWITCH(1151GN)  GREEN SYSTEM 1151GN PRESS SWITCH  GREEN SYSTEM 1151GN PRESS SWITCH  GROUPE FAN 08HD  HCU (TRDV), J5, ECU  HCU (TRDV), J5, ECU  HCU (TRDV), J5, ECU	3//808	CDMC	7	34-CENS
GDWS TERR TB SW EARN (STWE//GTWC(1005G/	3//808	CDMC	1	34-ECAM
GDEEN SYSTEM DDESS SHITCH(1151GN)	203212	RSCII 1	7	29-CENS
GREEN SYSTEM PRESS SWITCH(1151GN)	293212	BSCII 2	3	29-CFDS
CDEEN SYSTEM 1151GN DDESS SWITCH	203212	BSCU Z	1	32-ECAM
CDEEN CYCTEM 1151GN PRESS SWITCH	203212	BSCH 2	1	32 ECAM
CPOURE FAN ORUN	212751	AEVC	1	21-FCAM
HCH (TDNV) IS ECH	783151	ETII1EAN	1	77_ECAM
HCH (TDNV) IS ECH	783151	ETUTEAD	2	77-ECAM
HCH (TDNV) IS ECH	797151	ETUTEAD	1	77-ECAM
HCU (TRNV), JJ, ECU	707151	EIU2FAD	2	77 ECAM
HCU (TRDV), J5, ECU	707151	ETUZFAD	4	77 ECAM
HCU (TRDV), J6, ECU		EIU1FAD		77-ECAM
HCU (TRDV), J6, ECU		EIU1FAD		77-ECAM
HCU (TRDV), J6, ECU		EIU2FAD		77-ECAM
HCU (TRDV), J6, ECU		EIU2FAD		77-ECAM
HCU (TRPV), HYD ENG1A		EIU1FAD		77-ECAM
HCU (TRPV), HYD ENG1A		EIU1FAD		78-CFDS
HCU (TRPV), HYD ENG1B		EIU1FAD		77-ECAM
HCU (TRPV), HYD ENG1B		EIU1FAD		78-CFDS
HCU (TRPV), HYD ENG2A		EIU2FAD		77-ECAM
HCU (TRPV), HYD ENG2A		EIU2FAD		78-CFDS
HCU (TRPV), HYD ENG2B		EIU2FAD		77-ECAM
HCU (TRPV), HYD ENG2B HCU (TRPV), J5, ECU		EIU2FAD		78-CFDS
	783151		1	77-ECAM

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
HCU (TRPV), J5, ECU	783151	EIU1FAD	2	77-ECAM
HCU (TRPV), J5, ECU	783151	EIU2FAD	1	77-ECAM
HCU (TRPV), J5, ECU		EIU2FAD		77-ECAM
HCU (TRPV), J6, ECU	783151	EIU1FAD	1	77-ECAM
HCU (TRPV), J6, ECU	783151	EIU1FAD	2	77-ECAM
HCU (TRPV), J6, ECU		EIU2FAD		77-ECAM
HCU (TRPV), J6, ECU		EIU2FAD		77-ECAM
HCU ENG1A		EIU1FAD		
HCU ENG1A	783151	EIU1FAD	1	78-CFDS
HCU ENG1A		EIU1FAD		77-ECAM
HCU ENG1B		EIU1FAD		
HCU ENG1B	783151	EIU1FAD	1	78-CFDS
HCU ENG1B		EIU1FAD		77-ECAM
HCU ENG2A		EIU2FAD		
HCU ENG2A	703131	EIU2FAD	1	79_CENS
HCU ENG2A		EIU2FAD		77-ECAM
		EIU2FAD		
HCU ENG2B	703131	EIU2FAD	1	77 CENC
HCU ENG2B				
HCU ENG2B		EIU2FAD		77-ECAM
HCU(TRPV OPEN) ENG1A	783153	EIU1FAD	1	//-ECAM
HCU(TRPV OPEN) ENG1B	783153	EIU1FAD	1	77-ECAM 77-ECAM 77-ECAM 77-ECAM
HCU(TRPV OPEN) ENG2A	783153	EIU2FAD	1	77-ECAM
HCU(TRPV OPEN) ENG2B	783153	EIU2FAD	1	77-ECAM
HCU, TRSOV, HYD ENG1A	783153	EIU1FAD	1	77-ECAM
HCU, TRSOV, HYD ENG1B		EIU1FAD		77-ECAM
HCU, TRSOV, HYD ENG2A		EIU2FAD		77-ECAM
HCU, TRSOV, HYD ENG2B	783153	EIU2FAD	1	77-ECAM
HFDR1(1RE1)/ATSU1(1TX1)	231133	ATSU	3	23-CFDS
HFDR1(3RE1)/ATSU1(1TX1)	231133	ATSU	1	23-CFDS 23-ECAM
HFDR1(3RE1)/ATSU1(1TX1)	231133	ATSU	1	23-FCAM
HF1 (3RE1)	231133	пгі	1	23-CFDS
HF1 (3RE1)/COAX	231133	HF 1	1	23-CFDS
HF1 ANTENNA (5RE)/FEEDER (6RE1)/CPLR	231111	HF 1	1	23-CFDS
(4RE1)/COAX HF1 COUPLER(4RE1)/FEEDER (6RE1)/ANTENNA(5RE)	231133	HF 1	1	23-CFDS
HF1 CPLR (4RE1)	231133			23-CFDS
HF1 CPLR (4RE1)/FEEDER (6RE1)/ANTENNA (5RE)				23-CFDS
HF1 CPLR(4RE1)/COAX/ FEEDER(6RE1)/ANT(5RE)	231133			23-CFDS
HF1 NO DATA FROM CFDIU	313234			31-CFDS
HF1 NO DATA FROM CFDIU	313234			31-ECAM
HF1 NO DATA FROM CONTROL SOURCE	23XXXX			23-CFDS
HF1 TRANSCEIVER	231133			23-CFDS
HF1: CHECK HF ANTENNA COUPLER	231133			23-CFDS
HF2 COUPLER(4RE2)/FEEDER (6RE2)/ANTENNA(5RE)				23-CFDS
HF2 CPLR (4RE2)/FEEDER (6RE2)/ANTENNA (5RE)				23-CFDS
HF2 NO DATA FROM CFDIU	313234			31-CFDS
HF2 NO DATA FROM CFDIU	313234			31-ECAM
HF2 NO DATA FROM CONTROL SOURCE	23XXXX	HF 2	1	23-CFDS

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FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
IF2 TRANSCEIVER	231133		1	23-CFDS
IIGH OIL TEMPERATURE		APU		49-ECAM
IMU (FMV) ENG1A		EIU1FAD		73-CFDS
IMU (FMV) ENG1A		EIU1FAD		77-ECAM
IMU (FMV) ENG1A		EIU1FAD		73-CFDS
IMU (FMV) ENG1A		EIU1FAD		77-ECAM
IMU (FMV) ENG1B		EIU1FAD		73-CFDS
IMU (FMV) ENG1B		EIU1FAD		77-ECAM
IMU (FMV) ENG1B		EIU1FAD		73-CFDS
MU (FMV) ENG1B		EIU1FAD		77-ECAM
MU (FMV) ENG2A		EIU2FAD		73-CFDS
MU (FMV) ENG2A		EIU2FAD		77-ECAM
MU (FMV) ENG2A		EIU2FAD		73-CFDS
MU (FMV) ENG2A		EIU2FAD		77-ECAM
MU (FMV) ENG2B		EIU2FAD		73-CFDS
MU (FMV) ENG2B		EIU2FAD		77-ECAM
MU (FMV) ENG2B	732110	EIU2FAD	1	73-CFDS
MU (FMV) ENG2B	732110	EIU2FAD	1	77-ECAM
MU (OSG), J7 ENG1A	732110	EIU1FAD	S	73-CFDS
MU (OSG), J7 ENG1A	732110	EIU1FAD	1	73-CFDS
MU (OSG), J7 ENG1A	732110	EIU1FAD	1	77-ECAM
MU (OSG), J7 ENG1A	732110	EIU1FAD	3	73-CFDS
MU (OSG), J7 ENG1B	732110	EIU1FAD	S	73-CFDS
MU (OSG), J7 ENG1B	732110	EIU1FAD	1	73-CFDS
MU (OSG), J7 ENG1B	732110	EIU1FAD	1	77-ECAM
MU (OSG), J7 ENG1B	732110	EIU1FAD	3	73-CFDS
MU (OSG), J7 ENG2A	732110	EIU2FAD	S	73-CFDS
MU (OSG), J7 ENG2A	732110	EIU2FAD	1	73-CFDS
MU (OSG), J7 ENG2A	732110	EIU2FAD	1	77-ECAM
MU (OSG), J7 ENG2A	732110	EIU2FAD	3	73-CFDS
MU (OSG), J7 ENG2B	732110	EIU2FAD	S	73-CFDS
MU (OSG), J7 ENG2B	732110	EIU2FAD	1	73-CFDS
MU (OSG), J7 ENG2B	732110	EIU2FAD	1	77-ECAM
MU (OSG), J7 ENG2B		EIU2FAD		73-CFDS
P BLEED-V 4000HA1	361151	BMC 1	1	36-ECAM
P BLEED-V 4000HA1	361151	BMC 1	3	36-CFDS
P BLEED-V 4000HA1 OR SENSE LINE	361151	BMC 1	1	36-ECAM
P BLEED-V 4000HA1 OR SENSE LINE	361151	BMC 1	1	36-0BSV
P BLEED-V 4000HA1 OR SENSE LINE	361151	BMC 1	3	36-CFDS
P BLEED-V 4000HA1 OR SOLENOID 11HA1	361151	BMC 1	3	36-CFDS
P BLEED-V 4000HA1 OR SOLENOID 4029KS1	361151	BMC 1	3	36-CFDS
P BLEED-V 4000HA2	361151	BMC 2	1	36-ECAM
P BLEED-V 4000HA2	361151		3	36-CFDS
P BLEED-V 4000HA2 OR SENSE LINE	361151	BMC 2	1	36-ECAM
P BLEED-V 4000HA2 OR SENSE LINE	361151	BMC 2	1	36-0BSV
P BLEED-V 4000HA2 OR SENSE LINE	361151	BMC 2	3	36-CFDS
P BLEED-V 4000HA2 OR SOLENOID 11HA2	361151	BMC 2	3	36-CFDS
P BLEED-V 4000HA2 OR SOLENOID 4029KS2			3	36-CFDS

EFF: ALL

SROS

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
HPC (OPERAT. LINE) ENG1A		EIU1FAD		77-ECAM
HPC (OPERAT. LINE) ENG1B		EIU1FAD		77-ECAM
HPC (OPERAT. LINE) ENG2A		EIU2FAD		77-ECAM
HPC (OPERAT. LINE) ENG2B		EIU2FAD		77-ECAM
HPTC VLV (POS), HMU ENG1A		EIU1FAD		77-ECAM
HPTC VLV (POS), HMU ENG1A		EIU1FAD		77-ECAM
HPTC VLV (POS), HMU ENG1B		EIU1FAD		77-ECAM
HPTC VLV (POS), HMU ENG1B		EIU1FAD		77-ECAM
HPTC VLV (POS), HMU ENG2A		EIU2FAD		77-ECAM
HPTC VLV (POS), HMU ENG2A		EIU2FAD		77-ECAM
HPTC VLV (POS), HMU ENG2B		EIU2FAD		77-ECAM
HPTC VLV (POS), HMU ENG2B		EIU2FAD		77-ECAM
HPTC VLV, J11, ECU		EIU1FAD		77-ECAM
HPTC VLV, J11, ECU		EIU2FAD		77-ECAM
HPTC VLV, J11, ECU ENG1A		EIU1FAD		75-CFDS
HPTC VLV, J11, ECU ENG1A		EIU1FAD		77-ECAM
HPTC VLV, J11, ECU ENG2A		EIU2FAD		75-CFDS
IPTC VLV, J11, ECU ENG2A		EIU2FAD		77-ECAM
IPTC VLV, J12, ECU		EIU1FAD		77-ECAM
IPTC VLV, J12, ECU		EIU2FAD		77-ECAM
PTC VLV, J12, ECU ENG1B		EIU1FAD		75-CFDS
PTC VLV, J12, ECU ENG1B		EIU1FAD		77-ECAM
PTC VLV, J12, ECU ENG2B		EIU2FAD		75-CFDS
IPTC VLV, J12, ECU ENG2B		EIU2FAD		77-ECAM
CE DETECTOR 1	308100	CFDS	1	30-ECAM
CE DETECTOR 1	308100	CFDS	2	30-ECAM
ICE DETECTOR 2	308100	CFDS	1	30-ECAM
ICE DETECTOR 2		CFDS		30-ECAM
DG COOLER 1	731160	AC GEN	1	24-ECAM
DG COOLER 1	731160	AC GEN	2	24-ECAM
DG COOLER 2	731160	AC GEN	1	24-ECAM
DG COOLER 2	731160	AC GEN	2	24-ECAM
DG DISC/IDG1(E1-4000XU) PMG/GCU1 (1XU1)	242151	AC GEN	1	
DG DISC/IDG2(E2-4000XU) PMG/GCU2 (1XU2)			1	24-ECAM
DG, FRV(OIL TEMP) ENG1A		EIU1FAD		
DG, FRV(OIL TEMP) ENG1A		EIU1FAD	2	77-ECAM
DG, FRV(OIL TEMP) ENG1B		EIU1FAD		77-ECAM
DG, FRV(OIL TEMP) ENG2A		EIU2FAD	S	79-CFDS
IDG, FRV(OIL TEMP) ENG2A		EIU2FAD	2	77-ECAM
IDG, FRV(OIL TEMP) ENG2B		EIU2FAD	S	79-CFDS
IDG, FRV(OIL TEMP) ENG2B		EIU2FAD	2	77-ECAM
IDG1 (E1-4000XU)		AC GEN	1	24-ECAM
IDG1 (E1-4000XU) EXC FLD /GCU1 (1XU1)		AC GEN	1	24-ECAM
IDG1 (E1-4000XU) GEN CT/ GCU1 (1XU1)		AC GEN	1	24-ECAM
IDG1 (E1-4000XU) LOP SW/ GCU1 (1XU1)		AC GEN	3	24-CFDS
IDG1 (E1-4000XU) LOW OIL PRESSURE		AC GEN	1	24-ECAM
IDG1 (E1-4000XU) MANUAL DISCONNECT		AC GEN	1	24-ECAM
DG1 (E1-4000XU) OIL DELTA TEMP/GCU1 (1XU1)	242151	AC GEN	2	24-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
DG1 (E1-4000XU) OIL IN TEMP/GCU1 (1XU1)	242151	AC GEN	3	24-CFDS
DG1 (E1-4000XU) OIL IN TEMP/GCU1 (1XU1)	242151	AC GEN	3	24-ECAM
DG1 (E1-4000XU) OIL OUT TEMP SENSE/GCU1				24-ECAM
1XU1)				
DG1 (E1-4000XU) OIL OUT TEMP/GCU1 (1XU1)	242151	AC GEN	3	24-CFDS
DG1 (E1-4000XU) OIL OUT TEMP/GCU1 (1XU1)	242151	AC GEN	3	24-ECAM
DG1 (E1-4000XU) PMG/ GCU1 (1XU1) DG1 (E1-4000XU) PMG/ GCU1 (1XU1) DG1 (E1-4000XU) SERVO VLV/GCU1 (1XU1)	242151	AC GEN	1	24-ECAM
DG1 (E1-4000XU) PMG/ GCU1 (1XU1)	242151	AC GEN	2	24-ECAM
DG1 (E1-4000XU) SERVO VLV/GCU1 (1XU1)	242151	AC GEN	1	24-ECAM
DG1 (E1-4000XU) SERVO VLV/GCU1 (1XU1) DG1 (E1-4000XU) TEMP SENSE/GCU1 (1XU1) DG1 (E1-4000XU) THERMAL DISC FAILED DG1 (E1-4000XU) THERMAL DISCONNECT DG1 (E1-4000XU)/GCU1 (1XU1) DG1 (E1-4000XU)/GCU1 (1XU1)/WRG: POR DG1 (E1-4000XU)/RELAY (3XT)/GCU1 (1XU1)	242151	AC GEN	1	24-ECAM
DG1 (E1-4000XU) THERMAL DISC FAILED	242151	AC GEN	1	24-ECAM
DG1 (E1-4000XU) THERMAL DISCONNECT	242151	AC GEN	1	24-ECAM
DG1 (E1-4000XU)/GCU1 (1XU1)	242151	AC GEN	1	24-ECAM
DG1 (E1-4000XU)/GCU1 (1XU1)/WRG: POR	242151	AC GEN	1	24-ECAM
DG1 (E1-4000XU)/RELAY (3XT)/GCU1 (1XU1)	242151	AC GEN	1	24-CFDS
.PG: (E: 3000NO)/ NEER: (3N:// G00: (:NO:/		AU GEN		24-ECAM
DG1 (GEN DIODE) DG1 (OVERTEMP) DG1 BULB TOLERANCE DG1 BULB TOLERANCE DG1 DISCONNECTED DG1 HIGH DELTA TEMP DG1 LOW OIL PRESSURE DG1(E1-4000XU)/SERVO VL	242151	AC GEN	1	24-ECAM
DG1 (OVERTEMP)	242151	AC GEN	1	24-ECAM
DG1 BULB TOLERANCE	242151	AC GEN	1	24-CFDS
DG1 BULB TOLERANCE	242151	AC GEN	1	24-ECAM
DG1 DISCONNECTED	242151	AC GEN	1	24-ECAM
DG1 HIGH DELTA TEMP	242151	AC GEN	2	24-ECAM
DG1 LOW OIL PRESSURE	242151	AC GEN	1	24-ECAM
				24-ECAM
DG1(E1-4000XU)OIL LEVEL SENSOR/GCU1(1XU1)	242151	AC GEN	2	24-CFDS
DG2 (E2-4000XU)	242151	AC GEN	1	24-ECAM
DG2 (E2-4000XU) EXC FLD /GCU2 (1XU2) DG2 (E2-4000XU) GEN CT/ GCU2 (1XU2)	242151	AC GEN	1	24-ECAM
DG2 (E2-4000XU) GEN CT/ GCU2 (1XU2)	242151	AC GEN	1	24-ECAM
DG2 (E2-4000XU) LOP SW/ GCU2 (1XU2) DG2 (E2-4000XU) LOW OIL PRESSURE	242151	AC GEN	3	24-CFDS
DG2 (E2-4UUXU) LOW OIL PRESSURE	242151	AC GEN	1	24-ECAM
DG2 (E2-4000XU) MANUAL DISCONNECT	242151	AC GEN	1	24-ECAM
DG2 (E2-4000XU) OIL DELTA TEMP/GCU2 (1XU2)	242151	AC GEN	2	24-ECAM
DG2 (E2-4000XU) OIL IN TEMP/GCU2 (1XU2) DG2 (E2-4000XU) OIL IN TEMP/GCU2 (1XU2)	242151	AC GEN	5	24-CFDS
DG2 (E2-4000XU) OIL IN TEMP/GCU2 (1XU2)	242151	AC GEN	3	
DG2 (E2-4000XU) OIL OUT TEMP SENSE/GCU2	242151	AC GEN	1	24-ECAM
1XU2)	2/2454	AC CEN	7	2/ 0500
DG2 (E2-4000XU) OIL OUT TEMP/GCU2 (1XU2) DG2 (E2-4000XU) OIL OUT TEMP/GCU2 (1XU2)		AC GEN		24-CFDS
DG2 (E2-4000XU) PMG/ GCU2 (1XU2)		AC GEN		24-ECAM 24-ECAM
DG2 (E2-4000XU) PMG/ GCU2 (1XU2)		AC GEN		24-ECAM
	242151		1	24-ECAM
DG2 (E2-4000XU) TEMP SENSE/GCU2 (1XU2)			1	24-ECAM
DG2 (E2-4000XU) THERMAL DISC FAILED		AC GEN	1	24-ECAM
DG2 (E2-4000XU) THERMAL DISCONNECT		AC GEN	=	24-ECAM
DG2 (E2-4000XU)/GCU2 (1XU2)		AC GEN		24-ECAM
DG2 (E2-4000XU)/GCU2 (1XU2)/WRG: POR		AC GEN		24-ECAM
				24-ECAM 24-CFDS
DG2 (E2-4000XU)/RELAY (4XT)/GCU2 (1XU2)	242151	V. CEN		74-I F 11 \cdot

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
IDG2 (GEN DIODE) IDG2 (OVERTEMP) IDG2 BULB TOLERANCE IDG2 BULB TOLERANCE IDG2 DISCONNECTED IDG2 HIGH DELTA TEMP IDG2 LOW OIL PRESSURE IDG2(E2-4000XU)/SERVO VL IDG2(E2-4000XU)/SERVO VL IDG2(E2-4000XU)OIL LEVEL SENSOR/GCU2(1XU2) IGN 1, ECU ENG1A IGN 1, ECU ENG1B IGN 1, ECU ENG1B IGN 1, ECU ENG2B IGN 1, ECU ENG2B IGN 2, ECU ENG1B IGN 2, ECU ENG1B IGN 2, ECU ENG1B IGN 2, ECU ENG2B IGN 2, ECU ENG2B IGN 2, ECU ENG2B IGN 1, ECU ENG3B IGN 1, ECU ENG3B IGN 1, ECU ENG4B IGN 1, ECU ENG5B IGN 1, ECU ENG5B IGN 1, ECU ENG2B IGN 2, ECU ENG2B IGN 1, ECU ENG2B IGN 1, ECU ENG2B IGN 1, ECU ENG30KM) IGNITION UNIT (8030KM) IGNITION UNIT (8030KM)	242151	AC GEN	1	24-ECAM
IDG2 (OVERTEMP)	242151	AC GEN	1	24-ECAM
IDG2 BULB TOLERANCE	242151	AC GEN	1	24-CFDS
IDG2 BULB TOLERANCE	242151	AC GEN	1	24-ECAM
IDG2 DISCONNECTED	242151	AC GEN	1	24-ECAM
IDG2 HIGH DELTA TEMP	242151	AC GEN	2	24-ECAM
IDG2 LOW OIL PRESSURE	242151	AC GEN	1	24-ECAM
IDG2(E2-4000XU)/SERVO VL	242151	AC GEN	1	24-ECAM
IDG2(E2-4000XU)OIL LEVEL SENSOR/GCU2(1XU2)	242151	AC GEN	2	24-CFDS
IGN 1, ECU ENG1A	740000	EIU1FAD	1	74-CFDS
IGN 1, ECU ENG1A	740000	EIU1FAD	1	77-ECAM
IGN 1, ECU ENG1B	740000	EIU1FAD	1	74-CFDS
IGN 1, ECU ENG1B	740000	EIU1FAD	1	77-ECAM
IGN 1, ECU ENG2B	740000	EIU2FAD	1	74-CFDS
IGN 1, ECU ENG2B	740000	EIU2FAD	1	77-ECAM
IGN 2, ECU ENG1B	740000	EIU1FAD	1	74-CFDS
IGN 2, ECU ENG1B	740000	EIU1FAD	1	77-ECAM
IGN 2, ECU ENG1B	740000	EIU1FAD	2	77-ECAM
IGN 2, ECU ENG2B	740000	EIU2FAD	1	74-CFDS
IGN 2, ECU ENG2B	740000	EIU2FAD	1	77-ECAM
IGN 2, ECU ENG2B	740000	EIU2FAD	2	77-ECAM
IGNITION EXCITER P10	494138	APU	1	49-ECAM
IGNITION UNIT (8030KM)	494138	APU	1	49-CFDS
IGNITION UNIT (8030KM)	494138	APU	1	49-ECAM
IGNITION UNIT (8030KM) / FUEL CTL UNIT	494138	APU	1	49-ECAM
(8022KM)				
IGNITION UNIT P10	494138	APU	1	49-CFDS
IGNITION UNIT P10 IGNITION UNIT P10 IGNITION UNIT P10 IGNITION UNIT P10 OR FUEL CTL UNIT P19 IGN1, ECU ENG2A IGN1, ECU ENG2A IGN2, ECU ENG1A IGN2, ECU ENG1A IGN2, ECU ENG1A	494138	APU	1	49-ECAM
IGNITION UNIT P10 OR FUEL CTL UNIT P19	494138	APU	1	49-ECAM
IGN1, ECU ENG2A	740000	EIU2FAD	1	74-CFDS
IGN1, ECU ENG2A	740000	EIU2FAD	1	77-ECAM
IGN2, ECU ENG1A	740000	EIU1FAD	1	74-CFDS
IGN2, ECU ENG1A	740000	EIU1FAD	1	77-ECAM
IGN2, ECU ENG1A	740000	EIU1FAD	2	77-ECAM
IGN2, ECU ENG2A	740000	EIU2FAD	1	74-CFDS
IGN2, ECU ENG2A		EIU2FAD		
IGN2, ECU ENG2A		EIU2FAD		77-ECAM
IGV ACTR (8014KM)	492351			49-ECAM
IGV ACTR P21 OR FUEL CTL UNIT P19	492351			49-ECAM
IGV ACTUATOR (8014KM)	492351			49-CFDS
IGV ACTUATOR (8014KM)	492351			49-ECAM
IGV ACTUATOR (8014KM)	492351			49-ECAM
IGV ACTUATOR (8014KM) / ECB (59KD)	492351			49-ECAM
IGV ACTUATOR (8014KM) / ECB (59KD)	492351			49-ECAM
	492351		1	49-ECAM
LGV ALIUAIUR (8U22KM) / FLU(8U22KM) / FLB		<del>-</del>	•	
IGV ACTUATOR (8022KM) / FCU(8022KM) / ECB (59kd)				
IGV ACTUATOR (8022KM) / FCU(8022KM) / ECB (59KD) IGV ACTUATOR P21	492351	APU	1	49-CFDS

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB10
IGV ACTUATOR P21 / ECB (59KD)	492351	APU	1	49-ECAM
IGV ACTUATOR(8014KM)/FCU (8022KM)/STRT	492351	APU	1	49-ECAM
MOTOR(8KA)				
ILS GLIDE ANTENNA (4RT)	343611	ILS 1	1	34-EFIS
ILS GLIDE ANTENNA (4RT)	343611	ILS 2	1	34-EFIS
ILS LOCALIZER ANTENNA (3RT)	343611	ILS 1	1	34-EFIS
ILS LOCALIZER ANTENNA (3RT)	343611			34-EFIS
ILS1 (2RT1)/GPWC (1WZ)	343631			34-ECAM
ILS1 (2RT1)/GPWC (1WZ)	343631			34-LOCA
ILS1 (2RT1)/GPWC (1WZ)	343631			34-0BSV
ILS1 (2RT1)/GPWC (1WZ)	343631			34-CFDS
ILS1(2RT1)	343631			34-ECAM
ILS1(40RT1)/DMC1(1WT1)	343631			34-CFDS
ILS1(40RT1)/DMC1(1WT1)	343631			34-ECAM
ILS1(40RT1)/DMC1(1WT1)	343631			34-EFIS
ILS1(40RT1)/DMC2(1WT2)	343631			34-CFDS
ILS1(40RT1)/DMC2(1WT2)	343631			34-ECAM
ILS1(40RT1)/DMC2(1WT2)	343631			34-EFIS
ILS1(40RT1)/DMC2(1WT2) ILS1(40RT1)/DMC3(1WT3)		EIS 3		34-CFDS
ILS1(40RT1)/DMC3(1WT3)		EIS 3		34-CFD3
ILS1(40RT1)/DMC3(1WT3)	343631			34-ECAM
	343600			34-ECAM
ILS1(40RT1)/GPWC(100SG)				
ILS1(40RT1)/GPWC(100SG)	343600			34-CFDS
ILS1(40RT1)/GPWC(100SG)	343631			34-ECAM
ILS1(40RT1)/GPWC(100SG)	343631			34-CFDS
ILS2(2RT2)		ILS 2		34-ECAM
ILS2(40RT2)/DMC1(1WT1)	343631			34-CFDS
ILS2(40RT2)/DMC1(1WT1)	343631			34-ECAM
ILS2(40RT2)/DMC1(1WT1)	343631			34-EFIS
ILS2(40RT2)/DMC2(1WT2)		EIS 2		34-CFDS
ILS2(40RT2)/DMC2(1WT2)		EIS 2		34-ECAM
ILS2(40RT2)/DMC2(1WT2)		EIS 2		34-EFIS
ILS2(40RT2)/DMC3(1WT3)		EIS 3		34-CFDS
ILS2(40RT2)/DMC3(1WT3)		EIS 3	1	34-ECAM
ILS2(40RT2)/DMC3(1WT3)		EIS 3		34-EFIS
INDICATOR 6QT	284222		3	28-CFDS
INHIBIT SIGNAL FROM CARGO DOOR YELLOW SYSTEM			3	27-CFDS
INHIBIT SIGNAL FROM CARGO DOOR YELLOW SYSTEM		SFCC 2	3	27-CFDS
INHIBIT SIGNAL FROM CARGO DOOR YELLOW SYSTEM		SFCC 1	3	27-CFDS
INHIBIT SIGNAL FROM CARGO DOOR YELLOW SYSTEM		SFCC 2	3	27-CFDS
INLET BYPASS V 16HQ	212655		1	21-ECAM
INLET FLAP ACTR (4015KM)	491651	APU	1	49-ECAM
INLET FLAP ACTR (4015KM)	491651		2	49-ECAM
INLET GUIDE VANE ACTR P21	492351	APU	1	49-CFDS
INLET GUIDE VANE ACTR P21	492351	APU	1	49-ECAM
INLET GUIDE VANE ACTR P21	492353	APU	1	49-ECAM
INLET OVERHEAT	ASD	APU	*	49-ECAM
INLET PRESS XDCR P22	495121		2	49-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
INLET PRESS XDCR(8048KM)	495121		2	49-ECAM
INLET T-P SNSR (8013KM)	492317		1	49-CFDS
INLET TEMP SENSOR (8010KM)	492314		3	49-CFDS
INLET TEMP SENSOR P6	492314		3	49-CFDS
INLET TEMP/PRESS SNSR P22	492317		1	49-CFDS
INV LAY		CIDS 1	3	23-CFDS
NV LAY		CIDS 2	3	23-CFDS
NV LAY	233634	CIDS 1	3	23-CFDS
NV LAY	233634	CIDS 2	3	23-CFDS
NVALID ATSU CONFIG /ATSU1(1TX1) NVALID ATSU CONFIG /ATSU1(1TX1) NVALID ATSU CONFIG /ATSU1(1TX1)	462134	ACARSMU	1	46-CFDS
NVALID ATSU CONFIG /ATSU1(1TX1)	462134	ATSU	1	46-CFDS
NVALID ATSU CONFIG /ATSU1(1TX1)	462134	ATSU	1	46-ECAM
NVALID ATSU CONFIG /ATSU1(1TX1)	462134	ATSU	1	46-0BSV
NVALID DATABASE	313634		3	31-ECAM
NVALID OP SOFT	313634	DMU	2	31-ECAM
NVALID OP. SOFTWARE	313634		3	31-ECAM
R1		EFCS 1	1	27-ECAM
R1		EFCS 1	1	34-ECAM
R1		EFCS 1	2	27-ECAM
R1		EFCS 2	1	27-ECAM
R1		EFCS 2	1	34-ECAM
λ. R1		EFCS 2	2	27-ECAM
R1 - BUS 2		EFCS 1	2	27-ECAM
R1 - BUS 2		EFCS 2	2	27-ECAM
R1 - BUS 3		EFCS 1	1	27-ECAM
R1 - BUS 3		EFCS 1	1	34-EFIS
R1 - BUS 3		EFCS 2	1	27-ECAM
R1 - BUS 3		EFCS 2	1	34-EFIS
R2		EFCS 1	1	27-ECAM
R2		EFCS 1	1	34-ECAM
R2		EFCS 1	2	27-ECAM
R2		EFCS 2		27-ECAM
R2		EFCS 2		34-ECAM
R2		EFCS 2	2	27-ECAM
R2 - BUS 2		EFCS 2		_
R2 - BUS 2		EFCS 1	2	27-ECAM
R2 - BUS 2		EFCS 2	2	27-ECAM
R2 OR BUS 3 TO ELAC1		EFCS 1	1	27-ECAM
R2 OR BUS 3 TO ELAC1		EFCS 1	1	34-EFIS
R2 OR BUS 3 TO ELAC1		EFCS 1	2	27-ECAM
R2 OR BUS 3 TO ELAC1		EFCS 2	1	27-ECAM
R2 OR BUS 3 TO ELAC1		EFCS 2	1	34-EFIS
R2 OR BUS 3 TO ELAC1		EFCS 2	2	27-ECAM
R3		EFCS 1	1	27-ECAM
R3		EFCS 1	1	34-ECAM
R3		EFCS 1	2	27-ECAM
R3		EFCS 2	1	27-ECAM
R3	341234	EFCS 2	1	34-ECAM

EFF: ALL

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
IR3	341234	EFCS 2	2	27-ECAM
IR3 - BUS 2	341234	EFCS 1	1	27-ECAM
IR3 - BUS 2	341234	EFCS 1	1	34-EFIS
IR3 - BUS 2	341234	EFCS 2	1	27-ECAM
IR3 - BUS 2	341234	EFCS 2	1	34-EFIS
IR3 - BUS 3	341234	EFCS 1	1	27-ECAM
IR3 - BUS 3	341234	EFCS 1	1	34-EFIS
IR3 - BUS 3	341234	EFCS 2	1	27-ECAM
IR3 - BUS 3	341234	EFCS 2	1	34-EFIS
ISOL V 24HQ	212655	AEVC	1	21-ECAM
J1, 115 VAC, ECU ENG1A		EIU1FAD		
11, 115 VAC, ECU ENG1A		EIU1FAD		77-ECAM
J1, 115 VAC, ECU ENG1B		EIU1FAD		71-CFDS
11, 115 VAC, ECU ENG1B		EIU1FAD		77-ECAM
11, 115 VAC, ECU ENG2A		EIU2FAD		71-CFDS
11, 115 VAC, ECU ENG2A		EIU2FAD		77-ECAM
1, 115 VAC, ECU ENG2B		EIU2FAD		71-CFDS
1, 115 VAC, ECU ENG2B		EIU2FAD		77-ECAM
14(ID FAULT), ECU		EIU1FAD		73-CFDS
14(ID FAULT), ECU		EIU1FAD		77-ECAM
14(ID FAULT), ECU		EIU2FAD		73-CFDS
14(ID FAULT), ECU		EIU2FAD		77-ECAM
14(WRONG), BSV(CL)		EIU1FAD EIU1FAD		73-CFDS 77-ECAM
14(WRONG), BSV(CL) 14(WRONG), BSV(CL)		EIU2FAD		77-ECAM 73-CFDS
14(WRONG), BSV(CL)		EIU2FAD		77-ECAM
14(WRONG), BSV, ECU		EIU1FAD		73-CFDS
14(WRONG), BSV, ECU		EIU1FAD		77-ECAM
114(WRONG), BSV, ECU		EIU2FAD		73-CFDS
14(WRONG), BSV, ECU		EIU2FAD		77-ECAM
114, ECU (ENG IDENT) ENG1A		EIU1FAD		73-CFDS
14, ECU (ENG IDENT) ENGIA		EIU1FAD		77-ECAM
14, ECU (ENG IDENT) ENG1B		EIU1FAD		73-CFDS
14, ECU (ENG IDENT) ENGIB		EIU1FAD		77-ECAM
14, ECU (ENG IDENT) ENG2A		EIU2FAD		
14, ECU (ENG IDENT) ENG2A		EIU2FAD		77-ECAM
14, ECU (ENG IDENT) ENG2B		EIU2FAD		73-CFDS
14, ECU (ENG IDENT) ENG2B		EIU2FAD		77-ECAM
14, ECU (ENG IDENT) ENG2B		EIU2FAD		73-CFDS
14, ECU (ENG IDENT) ENG2B		EIU2FAD		77-ECAM
14WRONG, ECU ENTRY		EIU1FAD	1	73-CFDS
14WRONG, ECU ENTRY		EIU1FAD		77-ECAM
14WRONG, ECU ENTRY		EIU2FAD		73-CFDS
114WRONG, ECU ENTRY		EIU2FAD		77-ECAM
12, 115 VAC, ECU ENG1A		EIU1FAD		71-CFDS
12, 115 VAC, ECU ENG1A		EIU1FAD		77-ECAM
12, 115 VAC, ECU ENG1B		EIU1FAD		71-CFDS
12, 115 VAC, ECU ENG1B		EIU1FAD		77-ECAM

EFF: ALL

SROS

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
J2, 115 VAC, ECU ENG2A		EIU2FAD		71-CFDS
J2, 115 VAC, ECU ENG2A		EIU2FAD		77-ECAM
J2, 115 VAC, ECU ENG2B		EIU2FAD		71-CFDS
J2, 115 VAC, ECU ENG2B		EIU2FAD		77-ECAM
J3 (INSTINCT DISC) ENG1A		EIU1FAD		71-CFDS
J3 (INSTINCT DISC) ENG1A		EIU1FAD		22-ECAM
J3 (INSTINCT DISC) ENG1A		EIU1FAD		77-ECAM
J3 (INSTINCT DISC) ENG1A		EIU1FAD		77-ECAM
J3 (INSTINCT DISC) ENG1B		EIU1FAD		71-CFDS
J3 (INSTINCT DISC) ENG1B		EIU1FAD		22-ECAM
J3 (INSTINCT DISC) ENG1B		EIU1FAD		77-ECAM
J3 (INSTINCT DISC) ENG1B		EIU1FAD		77-ECAM
J3 (INSTINCT DISC) ENG2A		EIU2FAD		71-CFDS
J3 (INSTINCT DISC) ENG2A		EIU2FAD		22-ECAM
J3 (INSTINCT DISC) ENG2A		EIU2FAD		77-ECAM
J3 (INSTINCT DISC) ENG2A		EIU2FAD		77-ECAM
J3 (INSTINCT DISC) ENG2B		EIU2FAD		71-CFDS
J3 (INSTINCT DISC) ENG2B		EIU2FAD		22-ECAM
J3 (INSTINCT DISC) ENG2B		EIU2FAD		77-ECAM
J3 (INSTINCT DISC) ENG2B		EIU2FAD		77-ECAM
J3, ADC1 ENG1A		EIU1FAD		71-CFDS
J3, ADC1 ENG1B		EIU1FAD		71-CFDS
J3, ADC1 ENG2A		EIU2FAD		71-CFDS
J3, ADC1 ENG2B		EIU2FAD		71-CFDS
J3, ADC1* ENG1A		EIU1FAD		71-CFDS
J3, ADC1* ENG1B		EIU1FAD		71-CFDS
J3, ADC1* ENG2A		EIU2FAD		71-CFDS
J3, ADC1* ENG2B		EIU2FAD		71-CFDS
J4, ADC2 ENG1A		EIU1FAD		71-CFDS
J4, ADC2 ENG1B		EIU1FAD		71-CFDS
J4, ADC2 ENG2A		EIU2FAD		71-CFDS
J4, ADC2 ENG2B		EIU2FAD		71-CFDS
J4, ADC2* ENG1A		EIU1FAD		71-CFDS
J4, ADC2* ENG1B		EIU1FAD		71-CFDS
J4, ADC2* ENG2A		EIU2FAD		
J4, ADC2* ENG2B		EIU2FAD		71-CFDS
J5, TR ACFT SW, ECU		EIU1FAD	1	71-CFDS
J5, TR ACFT SW, ECU		EIU1FAD	1	77-ECAM
J5, TR ACFT SW, ECU		EIU2FAD	1	71-CFDS
J5, TR ACFT SW, ECU		EIU2FAD	1	77-ECAM
J6, TR ACFT SW, ECU		EIU1FAD	1	71-CFDS
J6, TR ACFT SW, ECU		EIU1FAD	1	77-ECAM
J6, TR ACFT SW, ECU		EIU2FAD	1	71-CFDS
J6, TR ACFT SW, ECU		EIU2FAD	1	77-ECAM
J7/J8, HMU (SOV SW) ENG1A		EIU1FAD	3	73-CFDS
J7/J8, HMU (SOV SW) ENG1A		EIU1FAD	3	73-0BSV
J7/J8, HMU (SOV SW) ENG1B	732150	EIU1FAD	3	73-CFDS
J7/J8, HMU (SOV SW) ENG1B		EIU1FAD	3	73-0BSV

EFF: ALL

SROS

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
J7/J8, HMU (SOV SW) ENG2A	732150	EIU2FAD	3	73-CFDS
J7/J8, HMU (SOV SW) ENG2A	732150	EIU2FAD	3	73-0BSV
J7/J8, HMU (SOV SW) ENG2B	732150	EIU2FAD		73-CFDS
J7/J8, HMU (SOV SW) ENG2B	732150	EIU2FAD		73-0BSV
J7/J8, HMU (SOV SW)* ENG1A	732150	EIU1FAD		73-CFDS
J7/J8, HMU (SOV SW)* ENG1A		EIU1FAD		73-0BSV
J7/J8, HMU (SOV SW)* ENG1B	732150	EIU1FAD		73-CFDS
J7/J8, HMU (SOV SW)* ENG1B		EIU1FAD		73-0BSV
J7/J8, HMU (SOV SW)* ENG2A		EIU2FAD		73-CFDS
17/J8, HMU (SOV SW)* ENG2A		EIU2FAD		73-0BSV
J7/J8, HMU (SOV SW)* ENG2B		EIU2FAD		73-CFDS
J7/J8, HMU (SOV SW)* ENG2B		EIU2FAD		73-0BSV
J7, BSV, ECU		EIU1FAD		73-CFDS
J7, BSV, ECU		EIU1FAD		77-ECAM
J7, BSV, ECU		EIU2FAD		73-CFDS
17, BSV, ECU		EIU2FAD		77-ECAM
7, FRV(SOL 1), ECU		EIU1FAD		73-CFDS
7, FRV(SOL 1), ECU		EIU1FAD		77-ECAM
7, FRV(SOL 1), ECU		EIU2FAD		73-CFDS
7, FRV(SOL 1), ECU		EIU2FAD		77-ECAM
7, FRV(SOL 2), ECU		EIU1FAD		73-CFDS
7, FRV(SOL 2), ECU		EIU1FAD		77-ECAM
7, FRV(SOL 2), ECU		EIU2FAD		73-CFDS
J7, FRV(SOL 2), ECU		EIU2FAD		77-ECAM
17, HMU (NAC TM), ECU ENG1A		EIU1FAD		73-CFDS
7, HMU (NAC TM), ECU ENG1A		EIU1FAD		77-ECAM
J7, HMU (NAC TM), ECU ENG2A		EIU2FAD		73-CFDS
J7, HMU (NAC TM), ECU ENG2A		EIU2FAD		77-ECAM
J7, HMU (VBV TM), ECU		EIU1FAD		77-ECAM
J7, HMU (VBV TM), ECU		EIU1FAD		77-ECAM
I7, HMU (VBV TM), ECU		EIU2FAD		77-ECAM
J7, HMU (VBV TM), ECU		EIU2FAD EIU1FAD		77-ECAM
J7, HMU (VSV TM), ECU		EIU1FAD		77-ECAM
I7, HMU (VSV TM), ECU I7, HMU (VSV TM), ECU		EIU2FAD		77-ECAM
7, HMU (VSV TM), ECU		EIU2FAD		77-ECAM
7, HMU(BSVSOL), ECU		EIU1FAD		73-CFDS
I7, HMU(BSVSOL), ECU		EIU1FAD		73-CFDS
I7, HMU(BSVSOL), ECU		EIU1FAD		77-ECAM
J7, HMU(BSVSOL), ECU		EIU1FAD		77-ECAM
I7, HMU(BSVSOL), ECU		EIU2FAD		73-CFDS
7, HMU(BSVSOL), ECU		EIU2FAD		73-CFDS
IT, HMU(BSVSOL), ECU		EIU2FAD		77-ECAM
IT, HMU(BSVSOL), ECU		EIU2FAD		77-ECAM
IT, HMU(ESVSOL), ECU		EIU1FAD		77-ECAM
I7, HMU(FMV TM), ECU		EIU1FAD		77-ECAM
I7, HMU(FMV TM), ECU		EIU2FAD		77-ECAM
I7, HMU(FMV TM), ECU		EIU2FAD		77-ECAM
,,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	132130	LIGHTAD	_	LUAN

EFF: ALL

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**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
J7, HMU(FMVRES), ECU		EIU1FAD		73-CFDS
17, HMU(FMVRES), ECU	732150	EIU1FAD	1	73-CFDS
7, HMU(FMVRES), ECU	732150	EIU1FAD	1	77-ECAM
7, HMU(FMVRES), ECU	732150	EIU1FAD	2	77-ECAM
7, HMU(FMVRES), ECU		EIU2FAD		73-CFDS
7, HMU(FMVRES), ECU		EIU2FAD		73-CFDS
7, HMU(FMVRES), ECU	732150	EIU2FAD		77-ECAM
7, HMU(FMVRES), ECU		EIU2FAD		77-ECAM
7, HMU(HPTCTM), ECU		EIU1FAD		73-CFDS
7, HMU(HPTCTM), ECU		EIU1FAD		77-ECAM
7, HMU(HPTCTM), ECU		EIU1FAD		77-ECAM
7, HMU(HPTCTM), ECU		EIU2FAD		73-CFDS
7, HMU(HPTCTM), ECU		EIU2FAD		77-ECAM
7, HMU(HPTCTM), ECU		EIU2FAD		77-ECAM
7, HMU(LPTCTM), ECU		EIU1FAD		73-CFDS
7, HMU(LPTCTM), ECU		EIU1FAD		77-ECAM
7, HMU(LPTCTM), ECU		EIU2FAD		73-CFDS
7, HMU(LPTCTM), ECU		EIU2FAD		77-ECAM
7, HMU(RAC TM), ECU		EIU1FAD		73-CFDS
7, HMU(RAC TM), ECU		EIU1FAD		77-ECAM
7, HMU(RAC TM), ECU		EIU1FAD		77-ECAM
7, HMU(RAC TM), ECU		EIU2FAD		73-CFDS
7, HMU(RAC TM), ECU		EIU2FAD		77-ECAM
7, HMU(RAC TM), ECU		EIU2FAD		77-ECAM
7,HMU (TBV TM),ECU ENG1A		EIU1FAD		73-CFDS
7,HMU (TBV TM),ECU ENG1A		EIU1FAD		77-ECAM
7,HMU (TBV TM),ECU ENG2A		EIU2FAD		73-CFDS
7,HMU (TBV TM),ECU ENG2A		EIU2FAD		77-ECAM
8, BSV, ECU		EIU1FAD		73-CFDS
8, BSV, ECU		EIU1FAD		77-ECAM
8, BSV, ECU		EIU2FAD		73-CFDS
8, BSV, ECU		EIU2FAD		77-ECAM
8, FRV(SOL 1), ECU		EIU1FAD		73-CFDS
8, FRV(SOL 1), ECU		EIU1FAD		77-ECAM
8, FRV(SOL 1), ECU		EIU2FAD		73-CFDS
8, FRV(SOL 1), ECU		EIU2FAD		77-ECAM
8, FRV(SOL 2), ECU		EIU1FAD		73-CFDS
8, FRV(SOL 2), ECU		EIU1FAD		77-ECAM
8, FRV(SOL 2), ECU		EIU2FAD		73-CFDS
8, FRV(SOL 2), ECU		EIU2FAD		77-ECAM
8, HMU (NAC TM), ECU ENG1B		EIU1FAD		73-CFDS
8, HMU (NAC TM), ECU ENG1B		EIU1FAD		77-ECAM
8, HMU (NAC TM), ECU ENG2B		EIU2FAD		73-CFDS
8, HMU (NAC TM), ECU ENG2B		EIU2FAD		77-ECAM
8, HMU (VBV TM), ECU		EIU1FAD		77-ECAM
8, HMU (VBV TM), ECU		EIU1FAD		77-ECAM
8, HMU (VBV TM), ECU		EIU2FAD		77-ECAM
8, HMU (VBV TM), ECU	13215U	EIU2FAD	2	77-ECAM

EFF: ALL

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#### TROUBLE SHOOTING MANUAL

770 175			
	EIU1FAD		77-ECAM
	EIU1FAD	2	77-ECAM
		1	77-ECAM
			77-ECAM
			73-CFDS
		1	73-CFDS
732150	EIU1FAD	1	77-ECAM
732150	EIU1FAD	2	77-ECAM
732150	EIU2FAD	S	73-CFDS
732150	EIU2FAD	1	73-CFDS
732150	EIU2FAD	1	77-ECAM
732150	EIU2FAD	2	77-ECAM
732150	EIU1FAD	1	77-ECAM
732150	EIU1FAD	2	77-ECAM
732150	EIU2FAD	1	77-ECAM
732150	EIU2FAD	2	77-ECAM
732150	EIU1FAD	S	73-CFDS
732150	EIU1FAD	1	73-CFDS
732150	EIU1FAD	1	77-ECAM
732150	EIU1FAD	2	77-ECAM
732150	EIU2FAD	S	73-CFDS
			73-CFDS
			77-ECAM
			77-ECAM
			73-CFDS
			77-ECAM
			77-ECAM
			73-CFDS
			77-ECAM
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			77-ECAM
			73-CFDS
			77-ECAM
			73-CFDS
			77-ECAM
			27-ECAM
			27-ECAM
			27-ECAM
		2	27-ECAM
	732150 732150	732150 EIU2FAD 732150 EIU1FAD 732150 EIU1FAD 732150 EIU2FAD 732150 EIU2FAD 732150 EIU2FAD 732150 EIU1FAD 732150 EIU1FAD 732150 EIU1FAD 732150 EIU1FAD 732150 EIU2FAD 732150 EIU2FAD 732150 EIU2FAD 732150 EIU2FAD 732150 EIU2FAD	732150 EIU2FAD 2 732150 EIU1FAD 1 732150 EIU1FAD 1 732150 EIU1FAD 2 732150 EIU2FAD 3 732150 EIU2FAD 3 732150 EIU2FAD 1 732150 EIU1FAD 2 732150 EIU1FAD 2 732150 EIU1FAD 3 732150 EIU1FAD 1 732150 EIU1FAD 1 732150 EIU1FAD 1 732150 EIU1FAD 3 732150 EIU1FAD 3 732150 EIU2FAD 1 732150 EIU2FAD 3 732150 EIU2FAD 1 732150 EIU2FAD 3 732150 EIU2FAD 3 732150 EIU2FAD 3 732150 EIU2FAD 3 732150 EIU1FAD 3 732150 EIU1FAD 3 732150 EIU1FAD 3 732150 EIU1FAD 3 732150 EIU2FAD 3 732150 EIU1FAD 3 732150 EIU2FAD 3

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA S	SOURCE	CLASS	CH-PB101
L B AIL POS XDCR 33CE3 L B AIL POS XDCR 33CE3 L B AIL SERVO VLV 33CE3 L B AIL SERVO VLV 33CE3	271451 I	 EFCS 1	 1	27-ECAM
L B AIL POS XDCR 33CE3	271451	EFCS 2	1	27-ECAM
L B AIL SERVO VLV 33CE3	271451	EFCS 1	1	27-ECAM
L B AIL SERVO VLV 33CE3	271451	EFCS 2	1	27-ECAM
L B AIL SERVO VLV 33CE3 OR OUTPUT FROM ELAC1	271451	EFCS 1	1	27-ECAM
L B AIL SERVO VLV 33CE3 OR OUTPUT FROM ELAC1				
	077/54			07 -0
L B ELEV MODE VLV 34CE3 L B ELEV MODE VLV 34CE3 L B ELEV MODE XDCR 34CE3 L B ELEV MODE XDCR 34CE3	273451	FFCS 2	1	27-FCAM
I B FLEV MODE XDCR 34CF3	273451	FFCS 1	1	27-FCAM
I B FIEV MODE XDCR 34CF3	273451	FFCS 2	1	27-FCAM
L B ELEV POS XDCR 34CE3 COM E1/S1:USE STBY	273451	FFCS 1	1	27-ECAM
XDCR	2134711	LICS I	'	ZI LUAN
L B ELEV POS XDCR 34CE3 COM E1/S1:USE STBY	273/51	EECS 3	1	27-ECAM
XDCR	2134311	Ercs Z	'	ZI-ECAM
I D ELEV CEDVO VIV Z/CEZ	277/51	EECC 1	1	27_ECAM
L B ELEV SERVO VLV 34CE3	2734311	EFCS 3	1	27 ECAM
L D ELEV SERVU VLV 34CES	20/24/	EFUS Z	7	20 CENS
L CADENCICON 19011	204210	FUEL	<b>3</b>	28-CFP2
L CADENSILUN 19Q11	284216	FUEL	3	58-0R2A
L DUALCOMP 53Q1	284246	FUEL	3	28-CFDS
L B ELEV SERVO VLV 34CE3 L B ELEV SERVO VLV 34CE3 L CADENSICON 19QT1 L CADENSICON 19QT1 L DUALCOMP 53QT L DUALCOMP 53QT/WRG L ELEV POS MON XDCR OF ELAC1/SEC1	284246	FUEL	3	28-CFDS
L ELEV POS MON XDCR OF ELAC1/SEC1	273451	EFCS 1	1	27-ECAM
L ELEV PUS MUN XDLR OF ELACT/SECT	2/3451	EFUS 2	1	27-ELAM
L ELEV POS MON XDCR OF ELAC2/SEC2	273451	EFCS 1	1	27-ECAM
L ELEV POS MON XDCR OF ELAC2/SEC2	273451	EFCS 2	1	27-ECAM
L FIXED WINDOW	561100 I	WHC 1	1	30-ECAM
L ELEV POS MON XDCR OF ELAC2/SEC2 L ELEV POS MON XDCR OF ELAC2/SEC2 L FIXED WINDOW L FIXED WINDOW SENSOR L FLP DISC PROX SNSR 37CV L FLP DISC PROX SNSR 39CV L G AIL MODE VLV 33CE1 L G AIL MODE VLV 33CE1	561100 I	WHC 1	1	30-ECAM
L FLP DISC PROX SNSR 37CV	275115 I	LGCIU 1	1	32-ECAM
L FLP DISC PROX SNSR 39CV	275115 I	LGCIU 2	1	32-ECAM
L G AIL MODE VLV 33CE1	271451 I	EFCS 1	1	27-ECAM
L G AIL MODE VLV 33CE1	271451 I	EFCS 2	1	27-ECAM
L G AIL MODE XDCR 33CE1 OR INPUT FROM ELAC2	2/1451 I	EFCS 2	2	27-ECAM
L G AIL MODE XDCR 33CE1 OR INPUT OF ELAC2	271451	EFCS 1	2	27-ECAM
L C ATL DOC VACD 77CE4	274/54	CCC 4	4	27 FCAM
L G AIL POS XDCR 33CE1	271451	EFCS 2	1	27-ECAM
L G AIL POS XDCR 33CE1 L G AIL SERVO VLV 33CE1	271451	EFCS 1	1	27-ECAM
L G AIL SERVO VLV 33CE1	271451			
L G AIL SERVO VLV 33CE1 OR OUTPUT FROM ELAC2	271451	EFCS 1	1	27-ECAM
L G AIL SERVO VLV 33CE1 OR OUTPUT FROM ELAC2				
L G ELEV MODE VLV 34CE1	273451			27-ECAM
L G ELEV MODE VLV 34CE1				27-ECAM
L G ELEV MODE XDCR 34CE1				27-ECAM
L G ELEV MODE XDCR 34CE1				
L G ELEV POS XDCR 34CE1 COM E2/S2:USE STBY				27-ECAM
XDCR	213431		•	Li Loan
L G ELEV POS XDCR 34CE1 COM E2/S2:USE STBY	273451	FFCS 2	1	27-ECAM
XDCR	2134711	-: UU L	•	LI LUAN
L G ELEV SERVO VLV 34CE1	273451	FFCS 1	1	27-ECAM
L G ELEV SERVO VLV 34CE1				27-ECAM
L G LLLY SERVO VEV STOET	2134711	LIUJ Z	ı	LI LUMN

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

				CH-PB101
L L/G DNLK PROX SNSR 15GA L L/G DNLK PROX SNSR 15GA TGT POS L L/G DNLK PROX SNSR 17GA L L/G DNLK PROX SNSR 17GA TGT POS L L/G DOOR CLOSED PROX SNSR 27GA L L/G DOOR CLOSED PROX SNSR 27GA TGT POS	323173	LGCIU 1	1	32-ECAM
L L/G DNLK PROX SNSR 15GA TGT POS	323173	LGCIU 1	1	32-ECAM
L L/G DNLK PROX SNSR 17GA	323173	LGCIU 2	1	32-ECAM
L L/G DNLK PROX SNSR 17GA TGT POS	323173	LGCIU 2	1	32-ECAM
L L/G DOOR CLOSED PROX SNSR 27GA	323173	LGCIU 1	1	32-ECAM
L L/G DOOR CLOSED PROX SNSR 27GA TGT POS	323173	LGCIU 1	1	32-CFDS
L L/G DOOR CLOSED PROX SNSR 27GA TGT POS L L/G DOOR CLOSED PROX SNSR 29GA	323173	LGCIU 1	1	32-ECAM
L L/G DOOR CLOSED PROX SNSR 29GA	323173	LGCIU 2	1	32-ECAM
I I/G DOOR CLOSED PROX SNSR 29GA TGT POS	323173	1 GC 111 2	1	32-CFDS
L L/G DOOR CLOSED PROX SNSR 29GA TGT POS	323173	LGCIU 2	1	32-ECAM
L L/G DOOR CLOSED PROX SNSR 29GA TGT POS L L/G DOOR OPEN PROX SNSR 33GA L L/G DOOR OPEN PROX SNSR 33GA TGT POS L L/G DOOR OPEN PROX SNSR 35GA	323173	LGCIU 1	1	32-ECAM
L L/G DOOR OPEN PROX SNSR 33GA TGT POS	323173	LGCIU 1	1	32-ECAM
L L/G DOOR OPEN PROX SNSR 35GA	323173	LGCIU 2	1	32-ECAM
L L/G DOOR OPEN PROX SNSR 35GA TGT POS	323173	LGCIU 2	1	32-ECAM
L L/G DOOR OPEN PROX SNSR 35GA L L/G DOOR OPEN PROX SNSR 35GA TGT POS L L/G EXT PROX SNSR 21GA TGT POS L L/G EXT PROX SNSR 21GA TGT POS	323173	LGCIU 1	1	27-ECAM
L L/G EXT PROX SNSR 21GA	323173	LGCIU 1	1	30-ECAM
L L/G EXT PROX SNSR 21GA	323173	LGCIU 1	1	32-ECAM
L L/G EXT PROX SNSR 21GA	323173	LGCIU 1	1	77-ECAM
L L/G EXT PROX SNSR 21GA TGT POS	323173	LGCIU 1	1	27-ECAM
L L/G EXT PROX SNSR 21GA TGT POS	323173	LGCIU 1	1	30-ECAM
L L/G EXT PROX SNSR 21GA TGT POS	323173	LGCIU 1	1	32-ECAM
L L /C EVT BROV CHOR 34CA TOT BOS	707477	LCCTIL 4	4	32-0BSV
L L/G EXT PROX SNSR 21GA TGT POS	323173	LGCIU 1	1	77-ECAM
L L/G EXT PROX SNSR 21GA 1GT POS L L/G EXT PROX SNSR 21GA TGT POS L L/G EXT PROX SNSR 23GA TGT POS L L/G EXT PROX SNSR 23GA TGT POS	323173	LGCIU 2	1	
L L/G EXT PROX SNSR 23GA	323173	LGCIU 2	1	30-ECAM
L L/G EXT PROX SNSR 23GA	323173	LGCIU 2	1	32-ECAM
L L/G EXT PROX SNSR 23GA	323173	LGCIU 2	1	77-ECAM
L L/G EXT PROX SNSR 23GA TGT POS	323173	LGCIU 2	1	27-ECAM
L L/G EXT PROX SNSR 23GA TGT POS	323173	LGCIU 2	1	32-ECAM
L L/G EXT PROX SNSR 23GA TGT POS	323173	LGCIU 2	1	32-0BSV
I I /C EVT DDOV CNCD 27CA TCT DOC	727177	LCCTIL 2	4	77 ECAM
L L/G UPLK PROX SNSR 09GA TGT POS	323173	LGCIU 1	1	32-ECAM
L L/G UPLK PROX SNSR 23GA TGT POS L L/G UPLK PROX SNSR 11GA	323173	LGCIU 2	1	32-ECAM
L L/G UPLK PROX SNSR 11GA TGT POS	323173	LGCIU 2	1	32-ECAM
L L/G UPLK PROX SNSR 9GA	323173	LGCIU 1	1	32-ECAM
L OR R PEDALS XDCR UNIT	279215	EFCS 1	1	27-ECAM
L OR R PEDALS XDCR UNIT	279215	EFCS 2	1	27-ECAM
L QTY PROBE 21QT1	284215	FUEL	3	28-CFDS
L QTY PROBE 21QT1	284215	FUEL	3	28-0BSV
L QTY PROBE 21QT1/WRG	284215	FUEL	3	28-CFDS
L QTY PROBE 23QT1	284215	FUEL	3	28-CFDS
L QTY PROBE 23QT1	284215		3	28-0BSV
L QTY PROBE 23QT1/WRG	284215	FUEL	3	28-CFDS
L QTY PROBE 24QT1	284215	FUEL	3	28-CFDS
L QTY PROBE 24QT1	284215	FUEL	3	28-0BSV
L QTY PROBE 25QT1	284215	FUEL	3	28-CFDS
L QTY PROBE 25QT1	284215	FUEL	3	
L QTY PROBE 25QT1/WRG	284215	FUEL	3	28-CFDS

EFF:

ALL

SROS

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
L QTY PROBE 26QT1	284215		3	28-CFDS
L QTY PROBE 26QT1	284215		3	28-0BSV
L QTY PROBE 26QT1/WRG	284215	_	3	28-CFDS
L QTY PROBE 27QT1	284215		3	28-CFDS
L QTY PROBE 27QT1	284215		3	28-0BSV
L QTY PROBE 27QT1/WRG	284215		3	28-CFDS
L QTY PROBE 28QT1	284215		3	28-CFDS
L QTY PROBE 28QT1	284215		3	28-0BSV
L QTY PROBE 28QT1/WRG	284215		3	28-CFDS
L QTY PROBE 29QT1	284215		3	28-CFDS
L QTY PROBE 29QT1	284215		3	28-0BSV
L QTY PROBE 29QT1/WRG	284215		3	28-CFDS
L QTY PROBE 30QT1	284215		3	28-CFDS
L QTY PROBE 30QT1	284215		3	28-0BSV
L QTY PROBE 30QT1/WRG	284215		3	28-CFDS
L QTY PROBE 31QT1	284215		3	28-CFDS
L QTY PROBE 31QT1	284215		3	28-0BSV
L QTY PROBE 32QT1	284215		3	28-CFDS
L QTY PROBE 32QT1	284215		3	28-0BSV
L QTY PROBE 34QT1	284215		3	28-CFDS
L QTY PROBE 34QT1/WRG	284215		3	28-CFDS
L QTY PROBE 54QT1	284215		3	28-CFDS
L QTY PROBE 54QT1/WRG	284215		3	28-CFDS
L QTY PROBE 56QT1	284215		3	28-CFDS
L QTY PROBE 56QT1/WRG	284215		3	28-CFDS
L QTY PROBE 59QT1	284215		3	28-CFDS
L QTY PROBE 59QT1/WRG	284215		3	28-CFDS
L QTY PROBE 60QT1	284215		3	28-CFDS
L QTY PROBE 60QT1/WRG	284215		3	28-CFDS
L QTY PROBE 61QT1	284215		3	28-CFDS
L QTY PROBE 61QT1/WRG	284215		3	28-CFDS
L SLIDING WINDOW	561200		1	30-ECAM
L SLIDING WINDOW SENSOR		WHC 1	1	30-ECAM
L SPLR1 POS ERROR 31CE1		EFCS 1	1	27-ECAM
L SPLR1 POS ERROR 31CE1	276451	EFCS 2	1	27-ECAM
L SPLR1 POS XDCR 31CE1		EFCS 1	1	27-ECAM
L SPLR1 POS XDCR 31CE1		EFCS 2	1	27-ECAM
L SPLR1 SERVO VLV 31CE1 OR OUTPUT FROM SEC3		EFCS 1	1	27-ECAM
L SPLR1 SERVO VLV 31CE1 OR OUTPUT FROM SEC3	276451		1	27-ECAM
L SPLR2 POS ERROR 31CE3	276451		1	27-ECAM
L SPLR2 POS ERROR 31CE3	276451		1	27-ECAM
L SPLR2 POS XDCR 31CE3	276451		1	27-ECAM
L SPLR2 POS XDCR 31CE3	276451		1	27-ECAM
L SPLR2 SERVO VLV 31CE3 OR OUTPUT FROM SEC3	276451		1	27-ECAM
L SPLR2 SERVO VLV 31CE3 OR OUTPUT FROM SEC3	276451		1	27-ECAM
L SPLR3 POS ERROR 31CE5		EFCS 1	1	27-ECAM
L SPLR3 POS ERROR 31CE5	276451	EFCS 2	1	27-ECAM
L SPLR3 POS XDCR 31CE5	276451			27-ECAM

EFF: ALL

SROS

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
L SPLR3 POS XDCR 31CE5	276451	EFCS 2	1	27-ECAM
L SPLR3 SERVO VLV 31CE5 OR OUTPUT FROM SEC1				27-ECAM
L SPLR3 SERVO VLV 31CE5 OR OUTPUT FROM SEC1				27-ECAM
	07//54			27-ECAM
L SPLR4 POS ERROR 31CE7 L SPLR4 POS ERROR 31CE7 L SPLR4 POS XDCR 31CE7 L SPLR4 POS XDCR 31CE7	276451	EFCS 2	1	27-ECAM
L SPLR4 POS XDCR 31CE7	276451	FFCS 1	1	27-ECAM
L SPLR4 POS XDCR 31CE7	276451	FFCS 2	1	27-ECAM
L SPLR4 SERVO VLV 31CE7 OR OUTPUT FROM SEC1	276451	FFCS 1	1	27-ECAM
L SPLR4 SERVO VLV 31CE7 OR OUTPUT FROM SEC1				27-ECAM
	0-11-1			27-ECAM
L SPLR5 POS ERROR 31CE9 L SPLR5 POS ERROR 31CE9 L SPLR5 POS XDCR 31CE9 L SPLR5 POS XDCR 31CE9	276/51	EFCS 2	1	27-ECAM
L SPLR5 POS XDCR 31CE9	276/51	EFCS 1	1	27-ECAM
L SPLR5 POS XDCR 31CE9	274/51	EFCS 7	1	27-ECAM
L SPLR5 FOS XDCK 31CE9  L SPLR5 SERVO VLV 31CE9 OR OUTPUT FROM SEC2	276451	EFCS 1	1	27-ECAM
L SPLRJ SERVU VLV JICEJ UK UUIPUI FRUM SECZ	276421	ELCS 1	1	27-ECAM
L SPERS SERVU VEV SILEY UR UUIPUI FRUM SELZ	2/0421	EFCS Z	1	
L STATIC PROBE TUAT	341110	PHC 1	1	30-ECAM
L STATIC PROBE 7DAZ	341116	PHC 2	1	30-ECAM
L STATIC PROBE 7DA3	341116	PHC 3	1	30-ECAM
L SPLR5 SERVO VLV 31CE9 OR OUTPUT FROM SEC2 L SPLR5 SERVO VLV 31CE9 OR OUTPUT FROM SEC2 L STATIC PROBE 7DA1 L STATIC PROBE 7DA2 L STATIC PROBE 7DA3 L THROTTLE CTL UNIT 8KS1 L THROTTLE CTL UNIT 8KS1 L WAI VALVE L WAI VALVE L WINDSHIELD L WINDSHIELD SENSOR L WING LOOP A	732500	EFCS 1	1	27-ECAM
L THROTTLE CTL UNIT 8K\$1	732500	EFCS 2	1	27-ECAM
L WAI VALVE	301151	TEMPCTL	1	30-CFDS
L WAI VALVE	301151	TEMPCTL	1	30-ECAM
L WINDSHIELD	561000	WHC 1	1	30-ECAM
L WINDSHIELD SENSOR	561000	WHC 1	1	30-ECAM
	362216	BMC 1	2	36-ECAM
L WING LOOP A INOP		BMC 1		36-ECAM
L WING LOOP B	362216	BMC 2		36-ECAM
L WING LOOP B INOP	362216	BMC 2	2	36-ECAM
L/G CONTROL LEVER O6GA	323111	LGCIU 1	1	32-ECAM
L/G CONTROL LEVER O6GA	323111	LGCIU 1	1	32-LOCAL
L/G CONTROL LEVER O6GA	323111	LGCIU 2	1	32-ECAM
L/G CONTROL LEVER O6GA	323111	LGCIU 2	1	32-LOCAL
L/G DOORS SEL VALVE 41GA	323134	LGCIU 1	1	32-ECAM
L/G DOORS SEL VALVE 41GA	323134	LGCIU 2	1	32-ECAM
L/G LEVER	323111	BSCU 1	3	32-CFDS
L/G LEVER		BSCU 1	3	32-ECAM
L/G LEVER		BSCU 2		32-CFDS
L/G LEVER		BSCU 2	3	32-ECAM
L/G NORM CTL LEVER(6GA)/ BSCU(10GG)		BSCU 1	3	32-CFDS
L/G NORM CTL LEVER(6GA)/ BSCU(10GG)		BSCU 1	3	32-ECAM
L/G NORM CTL LEVER(6GA)/ BSCU(10GG)		BSCU 2	3	32-CFDS
L/G NORM CTL LEVER(6GA)/ BSCU(10GG)		BSCU 2	3	32-ECAM
L/G SEL VALVE 40GA		LGCIU 1	1	32-ECAM
L/G SEL VALVE 40GA		LGCIU 1	1	32-0BSV
L/G SEL VALVE 40GA		LGCIU 2		32-063V
L/G SEL VALVE 40GA		LGCIU 2		32-ECAM
LAV X		TOILET		38-CFDS
LAV X LAV X FCU		TOILET		38-CFDS
LAV A FCU	JOJ 14 I	INTEL	ı	20-CL N2

EFF: ALL

SROS

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

			J_733	CH-PB101
	383141	TOILET	1	38-CFDS
LCDT SENSOR P29	492316	APU	1	49-CFDS
LEVER OUT OF DETENT FOR MORE THAN 10 SEC 2	275100	SFCC 1	3	27-CFDS
		SFCC 2	3	27-CFDS
		SFCC 1		27-CFDS
		SFCC 2	3	27-CFDS
		AC GEN	3	24-CFDS
		EFCS 1	2	27-ECAM
		EFCS 2	2	27-ECAM
		CPC 1	3	32-CFDS
		CPC 2	3	32-CFDS
		VHF 1	3	32-CFDS
		VHF 3	3	32-CFDS
		LGCIU 1	1	24-CFDS
		LGCIU 1	1	32-CFDS
		LGCIU 1	1	32-ECAM
		LGCIU 1	1	31-CFDS
		LGCIU 1	1	32-ECAM
		LGCIU 1		77-ECAM
		LGCIU 1	1	32-ECAM
		LGCIU 2	1	32-ECAM
	323171			32-CFDS
		LGCIU 2		31-CFDS
		LGCIU 2		32-ECAM
		LGCIU 2	1	77-ECAM
	323171		1	32-CFDS
	323171		3	32-CFDS
		EFCS 1	2	
			2	27-ECAM
		EFCS 1		32-CFDS
		EFCS 1	2	32-ECAM
		EFCS 2	2	27-ECAM
		EFCS 2	2	32-CFDS
		EFCS 2		32-ECAM
			1	32-ECAM
	323171			32-CFDS
	323171		3	32-CFDS
		AC GEN	2	24-CFDS
		AC GEN	2	24-CFDS
		GPS 1	3	32-CFDS
		AC GEN	2	24-ECAM
		AC GEN	2	24-ECAM
	323171		1	34-ECAM
		EFCS 2	2	27-ECAM
		EFCS 2	2	32-CFDS
		EFCS 1	2	27-ECAM
		EFCS 2	2	27-ECAM
		EFCS 1	2	27-ECAM
LGCIU1 OR BUS 2 TO SEC2	523171	EFCS 2	2	27-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

LGCIU1 OR BUS 2 TO SEC3  LGCIU1 OR BUS 2 TO SEC3  LGCIU1 OSGA1/L/G DOORS SEL VALVE 41GA  LGCIU1 OSGA1/L/G SEL VALVE 40GA  LGCIU1 OSGA1/L/G VALVES 40GA/41GA  LGCIU1 OSGA1/L/G SEL VALVE 40GA  LGCIU1 (SGA1) NLG DNLK SIGNAL/BSCU(10GG)  LGCIU1 (SGA1) RIGHT SHOCK ABSORB  LGCIU1 (SGA1)/ATC2 (SH2)  LGCIU1 (SGA1)/ATC2 (SH2)  LGCIU1 (SGA1)/ATC2 (SH2)  LGCIU1 (SGA1)/FMGC1 (1CA1)/LLS1(2RT1)  LGCIU1 (SGA1)/FMGC1 (1CA1)/LGCIU1 (SGA1)/FMGC	CEDS MESSACES		SOURCE	CL ACC	CU DD 404
LGCIU1 OSGA1/L/G SEL VALVE 40GA 323171 LGCIU 1 1 32-ECAM LGCIU1 OSGA1/L/G VALVES 40GA/41GA 323171 LGCIU 1 1 32-ECAM LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG) 323171 BSCU 1 1 32-ECAM LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG) 323171 BSCU 2 1 32-ECAM LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG) 323171 BSCU 2 1 32-ECAM LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG) 323171 BSCU 2 1 32-ECAM LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG) 323171 BSCU 2 1 32-ECAM LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG) 323171 BSCU 2 1 32-ECAM LGCIU1(5GA1) RIGHT SHOCK ABSORB 323171 BSCU 1 1 32-ECAM SIGNAL/BSCU(10GG) 323171 BSCU 2 2 3 32-CFDS SIGNAL/BSCU(10GG) 323171 BSCU 2 3 32-CFD	CFDS MESSAGES	ATA 		LLASS	
LGGIU1 OSGA1/L/G SEL VALVE 40GA 323171 LGGIU 1 1 32-ECAM LGGIU1 OSGA1/L/G VALVES 40GA/41GA 323171 LGGIU 1 1 32-ECAM LGGIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG) 323171 BSCU 1 1 32-ECAM LGGIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG) 323171 BSCU 2 1 32-ECAM LGGIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG) 323171 BSCU 2 1 32-ECAM LGGIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG) 323171 BSCU 2 1 32-ECAM LGGIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG) 323171 BSCU 2 1 32-ECAM SIGNAL/BSCU(10GG) 323171 BSCU 2 2 3 32-CFDS SIGNAL/BSCU(10GG) 323171 BSCU 2 3 32-CFDS SIGNAL/BSCU	LGCIU1 OR BUS 2 TO SEC3				
LGCIU1 OSGA1/L/G SEL VALVE 40GA 323171 LGCIU 1 1 32-ECAM LGCIU1 OSGA1/L/G VALVES 40GA/41GA 323171 LGCIU 1 1 32-ECAM LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG) 323171 BSCU 1 1 32-ECAM LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG) 323171 BSCU 2 1 32-ECAM LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG) 323171 BSCU 2 1 32-ECAM LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG) 323171 BSCU 2 1 32-ECAM LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG) 323171 BSCU 2 1 32-ECAM LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG) 323171 BSCU 2 1 32-ECAM LGCIU1(5GA1) RIGHT SHOCK ABSORB 323171 BSCU 1 1 32-ECAM SIGNAL/BSCU(10GG) 323171 BSCU 2 2 3 32-CFDS SIGNAL/BSCU(10GG) 323171 BSCU 2 3 32-CFD	LGCIU1 OR BUS 2 TO SEC3				
LGCIU1 05GA1/L/G SEL VALVE 40GA 323171 LGCIU 1 1 32-ECAM LGCIU1 05GA1/L/G VALVES 40GA/41GA 323171 LGCIU 1 1 32-ECAM LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG) 323171 BSCU 1 1 32-ECAM LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG) 323171 BSCU 2 1 32-ECAM LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG) 323171 BSCU 2 1 32-ECAM LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG) 323171 BSCU 2 1 32-ECAM LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG) 323171 BSCU 2 1 32-ECAM LGCIU1(5GA1) RIGHT SHOCK ABSORB 323171 BSCU 1 1 32-ECAM SIGNAL/BSCU(10GG) 323171 BSCU 2 2 3 32-CFDS SIGNAL/BSCU(10GG) 323171 BSCU 2 32-CFDS SIGNAL/BSCU 1 323171 BSCU 2 3 32-CFDS SIGNAL/BSCU(10GG) 323171 B	LGCIU1 05GA1/ WRG: BUS 1 FEEDBACK	323171	LGCIU 1	1	
LGCIU1 05GA1/L/G VALVES 40GA/41GA  GCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG)  LGCIU1(5GA1) RIGHT SHOCK ABSORB  SIGNAL/BSCU(10GG)  LGCIU1(5GA1) ATC1(1SH1)  LGCIU1(5GA1)/ATC2(1SH2)  LGCIU1(5GA1)/ATC2(1SH2)  LGCIU1(5GA1)/FMGC1 (1CA1)/JILS1(2RT1)  SC-FDS  LGCIU1-BUS 2  SC-FDS  LGCIU1-BUS 2  SC-FDS	EGCIOI OJGAI/E/G POOKS SEL VALVE 41GA	323171	LGCIU 1	1	
LGCIU1 05GA1/L/G VALVES 40GA/41GA  GCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG)  LGCIU1(5GA1) RIGHT SHOCK ABSORB  SIGNAL/BSCU(10GG)  LGCIU1(5GA1) ATC1(1SH1)  LGCIU1(5GA1)/ATC2(1SH2)  LGCIU1(5GA1)/ATC2(1SH2)  LGCIU1(5GA1)/FMGC1 (1CA1)/JILS1(2RT1)  SC-FDS  LGCIU1-BUS 2  SC-FDS  SC-FD	LGCIU1 05GA1/L/G SEL VALVE 40GA	323171	LGCIU 1	1	
LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG)  LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG)  LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG)  LGCIU1(5GA1) RIGHT SHOCK ABSORB  SIGNAL/BSCU(10GG)  LGCIU1(5GA1) ATC1(1SH1)  SIGNAL/BSCU(10GG)  LGCIU1(5GA1)/ATC1(1SH1)  SIGNAL/BSCU(10GG)  LGCIU1(5GA1)/FMGC1 (1CA1)/ILS1(2RT1)  LGCIU1(5GA1)/FMGC1 (1CA1)/IMR1(4ORT1)  SIGNAL/BSCU(10GG)  LGCIU1(5GA1)/FMGC1 (1CA1)/MR1(4ORT1)  SIGNAL/BSCU(10GG)  LGCIU1(5GA1)/FMGC1 (1CA1)/MR1(4ORT1)  SIGNAL/BSCU(10GG)  LGCIU1(5GA1)/FMGC1 (1GA1)/GMG1)  LGCIU1-BUS 2  LGCIU1(5GA1)/FMGC1 (1GA1)/GMG1)  LGCIU1-BUS 2  LGCIU1/SDU1(105RV1)  LGCIU2  SIGNAL/BSCU (10GG)  SIGNAL/BSCU (1GG)  SIGNAL/	LGCIU1 05GA1/L/G VALVES 40GA/41GA	323171	LGCIU 1	1	
LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG)  LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG)  LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG)  LGCIU1(5GA1) RIGHT SHOCK ABSORB  SIGNAL/BSCU(10GG)  LGCIU1(5GA1) ATC1(1SH1)  SIGNAL/BSCU(10GG)  LGCIU1(5GA1)/ATC1(1SH1)  SIGNAL/BSCU(10GG)  LGCIU1(5GA1)/FMGC1 (1CA1)/ILS1(2RT1)  LGCIU1(5GA1)/FMGC1 (1CA1)/IMR1(4ORT1)  SIGNAL/BSCU(10GG)  LGCIU1(5GA1)/FMGC1 (1CA1)/MR1(4ORT1)  SIGNAL/BSCU(10GG)  LGCIU1(5GA1)/FMGC1 (1CA1)/MR1(4ORT1)  SIGNAL/BSCU(10GG)  LGCIU1(5GA1)/FMGC1 (1GA1)/GMG1)  LGCIU1-BUS 2  LGCIU1(5GA1)/FMGC1 (1GA1)/GMG1)  LGCIU1-BUS 2  LGCIU1/SDU1(105RV1)  LGCIU2  SIGNAL/BSCU (10GG)  SIGNAL/BSCU (1GG)  SIGNAL/	LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG)	323171	BSCU 1	1	
LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG)  LGCIU1(5GA1) RIGHT SHOCK ABSORB  SIGNAL/BSCU(10GG)  LGCIU1(5GA1)/ ATC1(1SH1)  LGCIU1(5GA1)/ ATC2(1SH2)  LGCIU1(5GA1)/ ATC2(1SH2)  LGCIU1(5GA1)/FMGC1 (1CA1)/ILS1(2RT1)  LGCIU1(5GA1)/FMGC1 (1CA1)/ILS1(2RT1)  LGCIU1(5GA1)/FMGC1 (1CA1)/MMR1(40RT1)  LGCIU1(5GA1)/FMGC1 (1CA1)/MMR1(40RT1)  LGCIU1(5GA1)/FMGC1 (1CA1)/MMR1(40RT1)  LGCIU1(5GA1)/FMGC1 (1CA1)/MMR1(40RT1)  LGCIU1(5GA1)/RMP3(1RG3)  LGCIU1(5GA1)/RMP3(1RG3)  LGCIU1(5GA1)/RMP3(1RG3)  LGCIU1-BUS 2  LGCIU1-BUS 2  LGCIU1/SUU1(105RV1)  LGCIU2  LGC	LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG)	323171	BSCU 1	3	32-CFDS
LGCIU1(5GA1) RIGHT SHOCK ABSORB SIGNAL/BSCU(10GG) LGCIU1(5GA1)/ ATC1(1SH1) SIGNAL/BSCU(10GG) LGCIU1(5GA1)/ ATC1(1SH1) SIGNAL/BSCU(10GG) LGCIU1(5GA1)/ ATC2(1SH2) SIGNAL/BSCU(10GG) LGCIU1(5GA1)/FMGC1 (1CA1)/ILS1(2RT1) SIGNAL/BSCU(10GG) LGCIU1(5GA1)/FMGC1 (1CA1)/IMR1(4ORT1) SIGNAL/BSCU(10GG) LGCIU1(5GA1)/FMGC1 (1CA1)/MMR1(4ORT1) SIGNAL/BSCU(10GG) LGCIU1(5GA1)/FMGC1 (1CA1)/MMR1(4ORT1) SIGNAL/BSCU(10GG) SIGNAL/BSCU(	LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG)	323171	BSCU 2		32-ECAM
LGCIU1(5GA1) RIGHT SHOCK ABSORB  SIGNAL/BSCU(10GG)  LGCIU1(5GA1)/ ATC1(1SH1)  LGCIU1(5GA1)/ ATC1(1SH1)  LGCIU1(5GA1)/ ATC2(1SH2)  LGCIU1(5GA1)/FMGC1 (1CA1)/ILS1(2RT1)  LGCIU1(5GA1)/FMGC1 (1CA1)/MMR1(40RT1)  LGCIU1(5GA1)/FMGC1 (1CA1)/MMR1(40RT1)  LGCIU1(5GA1)/FMGC1 (1CA1)/MMR1(40RT1)  LGCIU1(5GA1)/RMP1(1RG1)  LGCIU1(5GA1)/RMP3(1RG3)  LGCIU1(5GA1)/RMP3(1RG3)  LGCIU1-BUS 2  LGCIU1-BUS 2  LGCIU1/SDU1(105RV1)  LGCIU2  L	LGCIU1(5GA1) NLG DNLK SIGNAL/BSCU(10GG)	323171	BSCU 2	3	32-CFDS
LGCIU1(5GA1) RIGHT SHOCK ABSORB  SIGMAL/BSCU(10GG)  LGCIU1(5GA1)/ ATC1(1SH1)  LGCIU1(5GA1)/ ATC2(1SH2)  LGCIU1(5GA1)/FMGC1 (1CA1)/ILS1(2RT1)  LGCIU1(5GA1)/FMGC1 (1CA1)/ILS1(2RT1)  LGCIU1(5GA1)/FMGC1 (1CA1)/MMR1(40RT1)  JCCIU1(5GA1)/FMGC1 (1CA1)/MMR1(40RT1)  JCCIU1(5GA1)/FMGC1 (1CA1)/MMR1(40RT1)  JCCIU1(5GA1)/FMP1(1RG1)  LGCIU1(5GA1)/FMP3(1RG3)  JCCIU1(5GA1)/FMP3(1RG3)  JCCIU1(5GA1)/FMP3(1RG3)  JCCIU1-BUS 2  JCCIU1-BUS 2  JCCIU1/SDU1(105RV1)  JCCIU1/SDU1(105RV1)  JCCIU2  JCCIU1/SDU1(105RV1)  JCCIU2  JCCIU1/SDU1(105RV1)  JCCIU2  J	LGCIU1(5GA1) RIGHT SHOCK ABSORB	323171	BSCU 1	1	32-ECAM
SIGNAL/BSCU(10GG)   SIGNAL/BSCU(10GGA1)/ ATC2(1SH2)   SIGNAL/BSCU(10GGA1)/ ATC2(1SH2)   SIGNAL/BGCI(10GGA1)/FMGC1 (1CA1)/ILS1(2RT1)   SIGNATION   SIGNAT	SIGNAL/BSCU(10GG)				
SIGNAL/BSCU(10GG)	LGCIU1(5GA1) RIGHT SHOCK ABSORB	323171	BSCU 1	3	32-CFDS
SIGNAL/BSCU(10GG)	SIGNAL/BSCU(10GG)				
SIGNAL/BSCU(10GG)	LGCIU1(5GA1) RIGHT SHOCK ABSORB	323171	BSCU 2	1	32-ECAM
SIGNAL/BSCU(10GG)   LGCIU1(5GA1)/ ATC1(1SH1)   323171 ATC 1   3   32-CFDS     LGCIU1(5GA1)/FMGC1 (1CA1)/ILS1(2RT1)   323171 ATC 2   3   32-CFDS     LGCIU1(5GA1)/FMGC1 (1CA1)/ILS1(2RT1)   323171 ILS 1   3   32-CFDS     LGCIU1(5GA1)/FMGC1 (1CA1)/MMR1(4ORT1)   323171 MMR 1   3   32-CFDS     LGCIU1(5GA1)/FMGC1 (1CA1)/MMR1(4ORT1)   323171 MMR 1   3   32-CFDS     LGCIU1(5GA1)/FMPC(10DSG)   323171 GPWC   1   34-ECAM     LGCIU1(5GA1)/FMP1(1RG1)   323171 RMP123   3   32-CFDS     LGCIU1(5GA1)/FMP3(1RG3)   323171 EFCS 1   2   27-ECAM     LGCIU1-BUS 2   323171 EFCS 1   2   27-ECAM     LGCIU1-BUS 2   323171 EFCS 1   2   27-ECAM     LGCIU2   323171 EFCS 1   2   27-ECAM     LGCIU2   323171 EFCS 1   2   32-CFDS     LGCIU2   323171 EFCS 2   2   27-ECAM     LGCIU2   323171 EFCS 1	SIGNAL/BSCU(10GG)				
SIGNAL/BSCU(10GG)   LGCIU1(5GA1)/ ATC1(1SH1)   323171 ATC 1   3   32-CFDS     LGCIU1(5GA1)/FMGC1 (1CA1)/ILS1(2RT1)   323171 ATC 2   3   32-CFDS     LGCIU1(5GA1)/FMGC1 (1CA1)/ILS1(2RT1)   323171 ILS 1   3   32-CFDS     LGCIU1(5GA1)/FMGC1 (1CA1)/MMR1(4ORT1)   323171 MMR 1   3   32-CFDS     LGCIU1(5GA1)/FMGC1 (1CA1)/MMR1(4ORT1)   323171 MMR 1   3   32-CFDS     LGCIU1(5GA1)/FMPC(10DSG)   323171 GPWC   1   34-ECAM     LGCIU1(5GA1)/FMP1(1RG1)   323171 RMP123   3   32-CFDS     LGCIU1(5GA1)/FMP3(1RG3)   323171 EFCS 1   2   27-ECAM     LGCIU1-BUS 2   323171 EFCS 1   2   27-ECAM     LGCIU1-BUS 2   323171 EFCS 1   2   27-ECAM     LGCIU2   323171 EFCS 1   2   27-ECAM     LGCIU2   323171 EFCS 1   2   32-CFDS     LGCIU2   323171 EFCS 2   2   27-ECAM     LGCIU2   323171 EFCS 1	LGCIU1(5GA1) RIGHT SHOCK ABSORB	323171	BSCU 2	3	32-CFDS
LGCIU1(5GA1)/ ATC1(1SH1)  LGCIU1(5GA1)/ ATC2(1SH2)  LGCIU1(5GA1)/FMGC1 (1CA1)/ILS1(2RT1)  LGCIU1(5GA1)/FMGC1 (1CA1)/ILS1(2RT1)  LGCIU1(5GA1)/FMGC1 (1CA1)/MMR1(4ORT1)  LGCIU2 (1CA1)/FMGC1 (1CA1)/MMR1 (1CA1)/MR1 (1CA1)  LGCIU2 (1CA1)/FMGC1 (1CA1)/MMR1 (1CA1)  LGCIU2 (1CA1)/FMGC1 (1CA1)/MR1 (1CA1)  LGCIU2 (1CA1)/FMGC1 (1CA1)/MR1 (1CA1)  LGCIU2 (1CA1)/FMGC1 (1CA1)/FMGC1 (1CA1)/FMGC1 (1CA1)  LGCIU2 (1CA1)/FMGC1 (1CA1)/FMGC1 (1CA1)  LGCIU2 (1CA1)/FMGC1 (1CA1)/FMGC1 (1CA1)  LGCIU2 (1CA1)/FMGC1 (1CA1)/FMGC1 (1CA1)/FMGC1 (1CA1)  LGCIU2 (1CA1)/FMGC1 (1CA1)/FMGC1 (1C					
LGCIU1(5GA1)/FMGC1 (1CA1)/MMR1(4URT1)  LGCIU1(5GA1)/GPWC(100SG)  LGCIU1(5GA1)/RMP1(1RG1)  LGCIU1(5GA1)/RMP3(1RG3)  LGCIU1(5GA1)/RMP3(1RG3)  LGCIU1-BUS 2  LGCIU1-BUS 2  LGCIU1/SDU1(105RV1)  LGCIU2  L	LGCIU1(5GA1)/ ATC1(1SH1)	323171	ATC 1	3	32-CFDS
LGCIU1(5GA1)/FMGC1 (1CA1)/MMR1(4URT1)  LGCIU1(5GA1)/GPWC(100SG)  LGCIU1(5GA1)/RMP1(1RG1)  LGCIU1(5GA1)/RMP3(1RG3)  LGCIU1(5GA1)/RMP3(1RG3)  LGCIU1-BUS 2  LGCIU1-BUS 2  LGCIU1/SDU1(105RV1)  LGCIU2  L	LGCIU1(5GA1)/ ATC2(1SH2)	323171	ATC 2	3	
LGCIU1(5GA1)/FMGC1 (1CA1)/MMR1(4URT1)  LGCIU1(5GA1)/GPWC(100SG)  LGCIU1(5GA1)/RMP1(1RG1)  LGCIU1(5GA1)/RMP3(1RG3)  LGCIU1(5GA1)/RMP3(1RG3)  LGCIU1-BUS 2  LGCIU1-BUS 2  LGCIU1/SDU1(105RV1)  LGCIU2  L	LGCTU1(5GA1)/FMGC1 (1CA1)/ILS1(2RT1)	323171	ILS 1	3	
LGCIU2 (5GA2) / FDIMU (10TV) 323171 DMU 3 32-CFDS LGCIU2 (5GA2) / GPSSU2 (1SN2) 323171 GPS 2 3 32-CFDS LGCIU2 BUS 2 323171 EFCS 2 2 27-ECAM LGCIU2 BUS 2 323171 EFCS 2 2 32-CFDS LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 1 2 27-ECAM LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 2 2 27-ECAM LGCIU2 OR BUS 1 TO SEC3 323171 EFCS 1 2 27-ECAM	IGCTU1(5GA1)/FMGC1 (1CA1)/MMR1(40RT1)	323171	MMR 1	3	
LGCIU2 (5GA2) / FDIMU (10TV) 323171 DMU 3 32-CFDS LGCIU2 (5GA2) / GPSSU2 (1SN2) 323171 GPS 2 3 32-CFDS LGCIU2 BUS 2 323171 EFCS 2 2 27-ECAM LGCIU2 BUS 2 323171 EFCS 2 2 32-CFDS LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 1 2 27-ECAM LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 2 2 27-ECAM LGCIU2 OR BUS 1 TO SEC3 323171 EFCS 1 2 27-ECAM	LGCTU1(5GA1)/GPWC(100SG)	323171	GPWC .	1	
LGCIU2 (5GA2) / FDIMU (10TV) 323171 DMU 3 32-CFDS LGCIU2 (5GA2) / GPSSU2 (1SN2) 323171 GPS 2 3 32-CFDS LGCIU2 BUS 2 323171 EFCS 2 2 27-ECAM LGCIU2 BUS 2 323171 EFCS 2 2 32-CFDS LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 1 2 27-ECAM LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 2 2 27-ECAM LGCIU2 OR BUS 1 TO SEC3 323171 EFCS 1 2 27-ECAM	LGCTU1(5GA1)/RMP1(1RG1)	323171	RMP 123	3	
LGCIU2 (5GA2) / FDIMU (10TV) 323171 DMU 3 32-CFDS LGCIU2 (5GA2) / GPSSU2 (1SN2) 323171 GPS 2 3 32-CFDS LGCIU2 BUS 2 323171 EFCS 2 2 27-ECAM LGCIU2 BUS 2 323171 EFCS 2 2 32-CFDS LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 1 2 27-ECAM LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 2 2 27-ECAM LGCIU2 OR BUS 1 TO SEC3 323171 EFCS 1 2 27-ECAM	LGCTU1(5GA1)/RMP3(1RG3)	323171	RMP 123	3	
LGCIU2 (5GA2) / FDIMU (10TV) 323171 DMU 3 32-CFDS LGCIU2 (5GA2) / GPSSU2 (1SN2) 323171 GPS 2 3 32-CFDS LGCIU2 BUS 2 323171 EFCS 2 2 27-ECAM LGCIU2 BUS 2 323171 EFCS 2 2 32-CFDS LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 1 2 27-ECAM LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 2 2 27-ECAM LGCIU2 OR BUS 1 TO SEC3 323171 EFCS 1 2 27-ECAM	LGCTU1-BUS 2	323171	FFCS 1	2	
LGCIU2 (5GA2) / FDIMU (10TV) 323171 DMU 3 32-CFDS LGCIU2 (5GA2) / GPSSU2 (1SN2) 323171 GPS 2 3 32-CFDS LGCIU2 BUS 2 323171 EFCS 2 2 27-ECAM LGCIU2 BUS 2 323171 EFCS 2 2 32-CFDS LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 1 2 27-ECAM LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 2 2 27-ECAM LGCIU2 OR BUS 1 TO SEC3 323171 EFCS 1 2 27-ECAM	LGCTII1-BIIS 2	323171	FFCS 1	2	
LGCIU2 (5GA2) / FDIMU (10TV) 323171 DMU 3 32-CFDS LGCIU2 (5GA2) / GPSSU2 (1SN2) 323171 GPS 2 3 32-CFDS LGCIU2 BUS 2 323171 EFCS 2 2 27-ECAM LGCIU2 BUS 2 323171 EFCS 2 2 32-CFDS LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 1 2 27-ECAM LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 2 2 27-ECAM LGCIU2 OR BUS 1 TO SEC3 323171 EFCS 1 2 27-ECAM	LGCTU1/SDU1(105RV1)	323171	SDII	3	
LGCIU2 (5GA2) / FDIMU (10TV) 323171 DMU 3 32-CFDS LGCIU2 (5GA2) / GPSSU2 (1SN2) 323171 GPS 2 3 32-CFDS LGCIU2 BUS 2 323171 EFCS 2 2 27-ECAM LGCIU2 BUS 2 323171 EFCS 2 2 32-CFDS LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 1 2 27-ECAM LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 2 2 27-ECAM LGCIU2 OR BUS 1 TO SEC3 323171 EFCS 1 2 27-ECAM	I GCTII2	323171	FFCS 1	2	
LGCIU2 (5GA2) / FDIMU (10TV) 323171 DMU 3 32-CFDS LGCIU2 (5GA2) / GPSSU2 (1SN2) 323171 GPS 2 3 32-CFDS LGCIU2 BUS 2 323171 EFCS 2 2 27-ECAM LGCIU2 BUS 2 323171 EFCS 2 2 32-CFDS LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 1 2 27-ECAM LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 2 2 27-ECAM LGCIU2 OR BUS 1 TO SEC3 323171 EFCS 1 2 27-ECAM	1 60105	323171	FFCS 1	2	
LGCIU2 (5GA2) / FDIMU (10TV) 323171 DMU 3 32-CFDS LGCIU2 (5GA2) / GPSSU2 (1SN2) 323171 GPS 2 3 32-CFDS LGCIU2 BUS 2 323171 EFCS 2 2 27-ECAM LGCIU2 BUS 2 323171 EFCS 2 2 32-CFDS LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 1 2 27-ECAM LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 2 2 27-ECAM LGCIU2 OR BUS 1 TO SEC3 323171 EFCS 1 2 27-ECAM	1 60105	323171	FFCS 1	2	
LGCIU2 (5GA2) / FDIMU (10TV) 323171 DMU 3 32-CFDS LGCIU2 (5GA2) / GPSSU2 (1SN2) 323171 GPS 2 3 32-CFDS LGCIU2 BUS 2 323171 EFCS 2 2 27-ECAM LGCIU2 BUS 2 323171 EFCS 2 2 32-CFDS LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 1 2 27-ECAM LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 2 2 27-ECAM LGCIU2 OR BUS 1 TO SEC3 323171 EFCS 1 2 27-ECAM	1 60105	323171	FFCS 2	2	
LGCIU2 (5GA2) / FDIMU (10TV) 323171 DMU 3 32-CFDS LGCIU2 (5GA2) / GPSSU2 (1SN2) 323171 GPS 2 3 32-CFDS LGCIU2 BUS 2 323171 EFCS 2 2 27-ECAM LGCIU2 BUS 2 323171 EFCS 2 2 32-CFDS LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 1 2 27-ECAM LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 2 2 27-ECAM LGCIU2 OR BUS 1 TO SEC3 323171 EFCS 1 2 27-ECAM	1 60105	323171	FFCS 2	2	
LGCIU2 (5GA2) / FDIMU (10TV) 323171 DMU 3 32-CFDS LGCIU2 (5GA2) / GPSSU2 (1SN2) 323171 GPS 2 3 32-CFDS LGCIU2 BUS 2 323171 EFCS 2 2 27-ECAM LGCIU2 BUS 2 323171 EFCS 2 2 32-CFDS LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 1 2 27-ECAM LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 2 2 27-ECAM LGCIU2 OR BUS 1 TO SEC3 323171 EFCS 1 2 27-ECAM	1 60105	323171	FFCS 2	2	
LGCIU2 (5GA2) / FDIMU (10TV) 323171 DMU 3 32-CFDS LGCIU2 (5GA2) / GPSSU2 (1SN2) 323171 GPS 2 3 32-CFDS LGCIU2 BUS 2 323171 EFCS 2 2 27-ECAM LGCIU2 BUS 2 323171 EFCS 2 2 32-CFDS LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 1 2 27-ECAM LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 2 2 27-ECAM LGCIU2 OR BUS 1 TO SEC3 323171 EFCS 1 2 27-ECAM	LECTUS (SEAS) / DMIL (1TV)	327171	DMII	7	
LGCIU2 (5GA2)/ GPSSU2 (1SN2)  LGCIU2 BUS 2  LGCIU2 BUS 2  LGCIU2 BUS 2  LGCIU2 OR BUS 1 TO SEC2  LGCIU2 OR BUS 1 TO SEC3  323171 EFCS 2  27-ECAM  27-ECAM					
LGCIU2 BUS 2  LGCIU2 BUS 2  LGCIU2 BUS 2  LGCIU2 OR BUS 1 TO SEC2  LGCIU2 OR BUS 1 TO SEC3  323171 EFCS 2 2 27-ECAM  323171 EFCS 1 2 27-ECAM  323171 EFCS 1 2 27-ECAM					
LGCIU2 BUS 2  LGCIU2 OR BUS 1 TO SEC2  LGCIU2 OR BUS 1 TO SEC2  LGCIU2 OR BUS 1 TO SEC2  LGCIU2 OR BUS 1 TO SEC3  323171 EFCS 2 2 27-ECAM  323171 EFCS 2 2 27-ECAM  323171 EFCS 1 2 27-ECAM					
LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 1 2 27-ECAM LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 2 2 27-ECAM LGCIU2 OR BUS 1 TO SEC3 323171 EFCS 1 2 27-ECAM					
LGCIU2 OR BUS 1 TO SEC2 323171 EFCS 2 2 27-ECAM 1					
LGCIU2 OR BUS 1 TO SEC3 323171 EFCS 1 2 27-ECAM					
LGCIU2 OR BUS 1 TO SEC3 323171 EFCS 2 2 27-ECAM					
LGCIU2 05GA2/ WRG: BUS 1 FEEDBACK 323171 LGCIU 2 1 32-ECAM					
LGCIU2 05GA2/L/G DOORS SEL VALVE 41GA 323171 LGCIU 2 1 32-ECAM					
LGCIU2 05GA2/L/G SEL VALVE 40GA 323171 LGCIU 2 1 32-ECAM	LUCIUZ UDGAZ/L/G SEL VALVE 4UGA	<b>323</b> 1/1	LUCIU 2	T	32-ELAM

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I-CFDS

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
LGCIU2 O5GA2/L/G VALVES 40GA/41GA	323171	LGCIU 2	1	32-ECAM
LGCIU2 O5GA2/L/G VALVES 40GA/41GA LGCIU2(5GA2) LEFT SHOCK ABSORB		BSCU 1		32-ECAM
SIGNAL/BSCU(10GG)				
LGCIU2(5GA2) LEFT SHOCK ABSORB	323171	BSCU 1	3	32-CFDS
SIGNAL/BSCU(10GG)				
LGCIU2(5GA2) LEFT SHOCK ABSORB	323171	BSCU 2	1	32-ECAM
SIGNAL/BSCU(10GG)				
LGCIU2(5GA2) LEFT SHOCK ABSORB	323171	BSCU 2	3	32-CFDS
SIGNAL/BSCU(10GG)				
LGCIU2(5GA2) NLG DNLK SIGNAL/BSCU(10GG) LGCIU2(5GA2) NLG DNLK SIGNAL/BSCU(10GG)	323171	BSCU 1	1	32-ECAM
LGCIU2(5GA2) NLG DNLK SIGNAL/BSCU(10GG)	323171	BSCU 1	3	32-CFDS
LGCIU2(5GA2) NLG DNLK SIGNAL/BSCU(1UGG)	323171	BSCU 2	3	32-CFDS
LGCIU2(5GA2) NLG DNLK SIGNAL/BSCU(10GG)	323172	BSCU 2	1	32-ECAM
LGCIU2(5GA2) RIGHT SHOCK ABSORB		BSCU 2		32-CFDS
SIGNAL/BSCU(10GG)				
LGCIU2(5GA2) RIGHT SHOCK ABSORB	323171	BSCU 1	3	32-CFDS
STGNAL/BSCU(10GG)				
LGCIU2(5GA2)/ ATC1(1SH1)	323171	ATC 1	3	32-CFDS
LGCIU2(5GA2)/ ATC1(1SH1) LGCIU2(5GA2)/ ATC2(1SH2)	323171	ATC 2	3	32-CFDS
GCT  2/5GA2)/FMGC2 /1CA2)/T  \$2/2PT2)	323171	ILS 2		32-CFDS
LGCIU2(5GA2)/FMGC2 (1CA2)/MMR2(40RT2)	323171	MMR 2	3	32-CFDS
LGCIU2(5GA2)/FMGC2 (1CA2)/MMR2(40RT2) LGCIU2(5GA2)/RMP2(1RG2)	323171	RMP 123	3	32-CFDS
LGCIU2-BUS 2		EFCS 1	2	27-ECAM
LGCIU2-BUS 2		EFCS 1		32-CFDS
LGCIU2/SDU1(105RV2)	323171			32-CFDS
LGCUI(5GA1)/CFDIU(1TW) /GPWC(100SG)	323171			32-CFDS
LGCUI(5GA1)/CFDIU(1TW) /GPWC(100SG) LH FLP APPU 29CV OR WIRING TO FLP 1		SFCC 1		27-ECAM
LH FLP APPU 29CV OR WIRING TO FLP 1		SFCC 1		27-0BSV
LH FLP APPU 29CV OR WIRING TO FLP 2		SFCC 2		27-ECAM
LH FLP APPU 29CV OR WIRING TO FLP 2		SFCC 2		27-0BSV
LH SLT APPU 31CV OR WIRING TO SLT 1	278118	SECC 1	1	27-ECAM
LH SLT APPU 31CV OR WIRING TO SLT 1	278118	SECC 1	1	
LH SLT APPU 31CV OR WIRING TO SLT 2	278118	SFCC 2	1	
LH SLT APPU 31CV OR WIRING TO SLT 2	278118	SFCC 2	1	27-0BSV
LIQD LVL SNSR	383163	TOILET	2	38-CFDS
LIQD LVL XMTR		TOILET	2	38-CFDS
LIQD LVL XMTR (40MG) / LIQD LVL SNSR (41MG)		TOILET	2	38-CFDS
LIQD LVL XMTR/LIQD LVL SNSR/VSC		TOILET	2	38-CFDS
LIQUID LVL SNSR		TOILET	2	38-CFDS
LIQUID LVL XMTR		TOILET	2	38-CFDS
LIQUID LVLSNSR OR LIQUID LVL XMTR OR VAC SYS		TOILET	2	38-CFDS
CONT				
LOAD CONTROL VALVE (8050KM)	495151	APU	1	49-CFDS
LOAD CONTROL VALVE (8050KM)	495151		1	49-ECAM
LOAD CONTROL VALVE (8050KM)	495151		2	49-ECAM
LOAD CONTROL VALVE (8050KM)	495151		3	49-CFDS
LOAD CONTROL VALVE P12	495151		1	49-ECAM
LOAD CONTROL VALVE P12	495151		2	49-ECAM
		<del>-</del>	_	

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**I-CFDS** 

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SROS

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB10
LOCALIZER ANTENNA (3RT)/ COAX	343611	MMR 1	1	34-EFIS
CABLE/MMR1(40RT1)				
	343611	MMR 2	1	34-EFIS
CABLE/MMR2(40RT2)				_
LOP SW P14 / OIL PUMP / DEOIL SOLENOID P15	499414	APU	1	49-ECAM
LOP SW(8091KM)/OIL PUMP (8080KM)/DEOIL	499414	APU	1	49-ECAM
(8083KM)				
LOP SW(8091KM)/OIL PUMP/ GEARBOX PRESS VALVE	499414	APU	1	49-ECAM
LOSS OF DC POWER		APU		
LOSS OF SPEED	ASD	APU	*	49-ECAM
LOUDSPEAKER <appl. area=""> SRXX YY</appl.>	ASD 237351 237351	CIDS 1	3	23-CFDS
LOUDSPEAKER <appl. area=""> SRXX YY</appl.>	237351	CIDS 1	3	23-0BSV
LOW FUEL PRESSURE	282200 282200	APU	2	28-CFDS
LOW FUEL PRESSURE	282200	APU	2	49-ECAM
LOW FUEL PRESSURE CHECK APU FUEL SUPPLY	282251	APU	2	28-CFDS
		APU	2	49-ECAM
LOW FOEL PRESSURE CHECK APO FOEL SUPPLY LOW OIL LEVEL LOW OIL PRESS SW P14 LOW OIL PRESS SW(8091KM) LOW OIL PRESSURE LPTC VLV, HMU ENG1A LPTC VLV, HMU ENG1B LPTC VLV, HMU ENG2A LPTC VLV, HMU ENG2B LPTC VLV, J11, ECU LPTC VLV, J11, ECU LPTC VLV, J11, ECU LPTC VLV, J11, ECU LPTC VLV, J12, ECU	499300	APU	2	49-ECAM
LOW OIL PRESS SW P14	499414	APU	2	49-ECAM
LOW OIL PRESS SW(8091KM)	499414	APU	2	49-ECAM
LOW OIL PRESSURE	ASD	APU	*	49-ECAM
LPTC VLV, HMU ENG1A	752210	EIU1FAD	2	77-ECAM
LPTC VLV, HMU ENG1B	752210 752210	EIU1FAD	2	77-ECAM
LPTC VLV, HMU ENG2A	752210	EIU2FAD	2	77-ECAM
LPTC VLV, HMU ENG2B	752210	EIU2FAD	2	77-ECAM
LPTC VLV, J11, ECU	752210	EIU1FAD	S	75-CFDS
LPTC VLV, J11, ECU	752210	EIU1FAD	2	77-ECAM
LPTC VLV, J11, ECU	752210	EIU2FAD	S	75-CFDS
LPTC VLV, J11, ECU	752210	EIU2FAD	2	77-ECAM
LPTC VLV, J12, ECU	752210	EIU1FAD	S	75-CFDS
LPTC VLV, J12, ECU	752210	EIU1FAD	2	77-ECAM
LPTC VLV, J12, ECU	752210	EIU2FAD	S	75-CFDS
LPTC VLV, J12, ECU	752210	EIU2FAD	2	77-ECAM
		RA 1	1	34-ECAM
LRRA-2 TRANSCEIVER	344233	RA 2	1	34-ECAM
LUBE PUMP FILTER P9 + GEN SCAV FILTER P5	499141			49-ECAM
LUBE PUMP FILTER SW P9 / GEN SCAV FILTER SW P!			3	49-CFDS
MANDATORY LAYOUT OR EMERGENCY MODE IN USE		CIDS 1	1	23-CFDS
MASTER LEVER, HMU ENG1A		EIU1FAD		77-ECAM
MASTER LEVER, HMU ENG1A	761200	EIU1FAD	1	77-0BSV
MASTER LEVER, HMU ENG1B	761200	EIU1FAD	1	77-ECAM
MASTER LEVER, HMU ENG1B	761200	EIU1FAD	1	77-0BSV
MASTER LEVER, HMU ENG2A		EIU2FAD		77-ECAM
MASTER LEVER, HMU ENG2A		EIU2FAD		77-0BSV
MASTER LEVER, HMU ENG2B		EIU2FAD		77-ECAM
MASTER LEVER, HMU ENG2B		EIU2FAD		77-0BSV
MCDU 1 (3CA1) / FDIMU (10TV)	228212		3	22-CFDS
MCDU 2 (3CA2) / FDIMU (10TV)	228212		3	22-CFDS
MCDU1 (3CA1) / DMU (1TV)	228212	DMU	3	22-CFDS

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
CDU1 (3CA1)/ ACARS MU (1RB)	228334	ACARSMU		22-CFDS
CDU1(3CA1)+MCDU2(3CA2)+	228212	SDU	3	22-CFDS
CDU3(3CA3)/SDU1(105RV1)				
CDU1(3CA1)+MCDU2(3CA2)/ SDU1(105RV1)	228212		3	22-CFDS
CDU1(3CA1)+MCDU3(3CA3)/ SDU1(105RV1)	228212		3	22-CFDS
CDU1(3CA1)/ATSU1(1TX1)		ACARSMU		22-CFDS
CDU1(3CA1)/ATSU1(1TX1)	228212	ACARSMU	1	46-0BSV
CDU1(3CA1)/ATSU1(1TX1)	228212	ATSU	1	22-CFDS
CDU1(3CA1)/ATSU1(1TX1)	228212		1	46-0BSV
CDU1(3CA1)/SDU1(105RV1)	228212	SDU	3	22-CFDS
CDU2 (3CA2) / DMU (1TV)	228212	DMU	3	22-CFDS
CDU2 (3CA2)/ ACARS MU (1RB)	228334	ACARSMU	3	22-CFDS
CDU2(3CA2)+MCDU3(3CA3)/ SDU1(105RV1)	228212	SDU	3	22-CFDS
CDU2(3CA2)/ATSU1(1TX1)	228212	ACARSMU	1	22-CFDS
CDU2(3CA2)/ATSU1(1TX1)	228212	ACARSMU	1	46-0BSV
CDU2(3CA2)/ATSU1(1TX1)	228212	ATSU	1	22-CFDS
CDU2(3CA2)/ATSU1(1TX1)	228212	ATSU	1	46-0BSV
CDU2(3CA2)/SDU1(105RV1)	228212	SDU	3	22-CFDS
CDU3	228212	CFDS	2	22-CFDS
CDU3(3CA3)/ATSU1(1TX1)		ACARSMU		22-CFDS
CDU3(3CA3)/ATSU1(1TX1)	228212	ACARSMU	1	46-0BSV
CDU3(3CA3)/ATSU1(1TX1)	228212	ATSU	1	22-CFDS
CDU3(3CA3)/ATSU1(1TX1)	228212	ATSU	1	46-0BSV
CDU3(3CA3)/SDU1(105RV1)	228212	SDU	3	22-CFDS
DDU(1TD)	313834	MDDU	1	31-CFDS
DDU(1TD) BUS1	313834		1	31-CFDS
DDU(1TD) BUS3	313834		1	31-CFDS
IXER FLAP DRIVE OR SPLY		TEMPCTL	3	21-CFDS
MR1 (40RT1)/GPWC (1WZ)	343631		1	34-ECAM
MR1 (40RT1)/GPWC (1WZ)	343631		1	34-LOCAL
MR1 (40RT1)/GPWC (1WZ)	343631		1	34-0BSV
MR1 (40RT1)/GPWC (1WZ)	343631		3	34-CFDS
MR1(40RT1)		MMR 1	1	34-CFDS
MR1(40RT1)	343631		1	34-ECAM
MR1(40RT1)		MMR 1		34-0BSV
MR1-GPSSU1(40RT1-1SN1) ADIRU1(1FP1)	343631		2	34-CFDS
MR1-GPSSU1(40RT1-1SN1) ADIRU2(1FP2)	343631		2	34-CFDS
MR1-GPSSU1(40RT1-1SN1) ADIRU3(1FP3)	343631		2	34-CFDS
MR1-GPSSU1(40RT1-1SN1)/ ADIRU1(1FP1)	343631		1	34-CFDS
MR1-GPSSU1(40RT1-1SN1)/ ADIRU2(1FP2)	343631		1	34-CFDS
MR1-GPSSU1(40RT1-1SN1)/ ADIRU3(1FP3)	343631		1	34-CFDS
MR2(40RT2)	343631		1	34-CFDS
MR2(40RT2)	343631		1	34-ECAM
MR2(40RT2)	343631		1	34-0BSV
MR2-GPSSU2(40RT2-1SN2) ADIRU1(1FP1)	343631		2	34-CFDS
MR2-GPSSU2(40RT2-1SN2) ADIRU2(1FP2)	343631		2	34-CFDS
J. JOOL ( JONE   JONE / APINOL ( III L /				
MR2-GPSSU2(40RT2-1SN2) ADIRU3(1FP3)	343631	IR 5	2	34-CFDS

EFF: ALL

I-CFDS

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
MMR2-GPSSU2(40RT2-1SN2)/ ADIRU2(1FP2)	343631	IR 2	1	34-CFDS
MMR2-GPSSU2(40RT2-1SN2)/ ADIRU2(1FP2) MMR2-GPSSU2(40RT2-1SN2)/ ADIRU3(1FP3) MON XXL MON XXR MON XXR MON XXR MULT NORM BRK SERVO- VALVE (GG) MULT NORM BRK SERVO- VALVE (GG) N L/G DNLK PROX SNSR 18GA N L/G DNLK PROX SNSR 18GA N L/G DNLK PROX SNSR 19GA TGT POS N L/G DOOR CLOSED PROX SNSR 31GA TGT POS N L/G DOOR OPEN PROX SNSR 36GA	343631	IR 3	1	34-CFDS
MON XXL	233642	CIDS 1	3	23-CFDS
MON XXL	233642	CIDS 2	3	23-CFDS
MON XXR	233642	CIDS 1	3	23-CFDS
MON XXR	233642	CIDS 2	3	23-CFDS
MULT NORM BRK SERVO- VALVE (GG)	324248	BSCU 1	1	32-ECAM
MULT NORM BRK SERVO- VALVE (GG)	324248	BSCU 2	1	32-ECAM
N L/G DNLK PROX SNSR 18GA	323173	LGCIU 1	1	32-ECAM
N L/G DNLK PROX SNSR 18GA TGT POS	323173	LGCIU 1	1	32-ECAM
N L/G DNLK PROX SNSR 19GA	323173	LGCIU 2	1	32-ECAM
N L/G DNLK PROX SNSR 19GA TGT POS	323173	LGCIU 2	1	32-ECAM
N L/G DOOR CLOSED PROX SNSR 31GA TGT POS	323173	LGCIU 2	1	32-ECAM
N L/G DOOR OPEN PROX SNSR 36GA	323173	LGCIU 1	1	32-ECAM
N L/G DOOR CLOSED PROX SNSR 31GA 1G1 POS N L/G DOOR OPEN PROX SNSR 36GA N L/G DOORS OPEN PROX SNSR 37GA N L/G DOORS CLOSED PROX SNSR 30GA	323173	LGCIU 1	1	32-ECAM
N L/G DOORS CLOSED PROX SNSR 30GA	323173	LGCIU 1	1	32-ECAM
N L/G DOORS CLOSED PROX SNSR 30GA N L/G DOORS CLOSED PROX SNSR 30GA TGT POS N L/G DOORS CLOSED PROX SNSR 31GA N L/G EXT PROX SNSR 24GA TGT POS N L/G EXT PROX SNSR 25GA TGT POS	323173	LGCIU 1	1	32-ECAM
N L/G DOORS CLOSED PROX SNSR 31GA	323173	LGCIU 2	1	32-ECAM
N L/G EXT PROX SNSR 24GA	323173	LGCIU 1	1	27-ECAM
N L/G EXT PROX SNSR 24GA	323173	LGCIU 1	1	30-ECAM
N L/G EXT PROX SNSR 24GA	323173	LGCIU 1	1	32-ECAM
N L/G EXT PROX SNSR 24GA TGT POS	323173	LGCIU 1	1	27-ECAM
N L/G EXT PROX SNSR 24GA TGT POS	323173	LGCIU 1	1	32-ECAM
N L/G EXT PROX SNSR 24GA TGT POS	323173	LGCIU 1	1	32-0BSV
N L/G EXT PROX SNSR 25GA	323173	LGCIU 2	1	27-ECAM
N L/G EXT PROX SNSR 25GA	323173	LGCIU 2	1	30-ECAM
N L/G EXT PROX SNSR 25GA	323173	LGCIU 2	1	32-ECAM
N L/G EXT PROX SNSR 25GA TGT POS	323173	LGCIU 2	1	27-ECAM
N L/G EXT PROX SNSR 25GA TGT POS	323173	LGCIU 2	1	32-ECAM
N L/G EXT PROX SNSR 25GA TGT POS	323173	LGCIU 2	1	32-0BSV
N L/G L DOOR OPEN PROX SNSR 37GA TGT POS	323173	LGCIU 1	1	32-ECAM
N L/G L DOOR OPEN PROX SNSR 39GA	323173	LGCIU 2	1	32-ECAM
N L/G L DOOR OPEN PROX SNSR 39GA N L/G L DOOR OPEN PROX SNSR 39GA TGT POS	323173	LGCIU 2	1	32-ECAM
N L/G R DOOR OPEN PROX SNSR 36GA TGT POS	323173	LGCIU 1	1	32-ECAM
N L/G R DOOR OPEN PROX SNSR 38GA	323173	LGCIU 2	1	32-ECAM
N L/G R DOOR OPEN PROX SNSR 38GA TGT POS		LGCIU 2	1	32-ECAM
N L/G SHOCK ABSORBER 2526GM		LGCIU 1	1	32-ECAM
N L/G SHOCK ABSORBER 2526GM	322113	LGCIU 2	1	32-ECAM
N L/G UPLK PROX SNSR 12GA	323173	LGCIU 1	1	27-ECAM
N L/G UPLK PROX SNSR 12GA	323173	LGCIU 1	1	32-ECAM
N L/G UPLK PROX SNSR 12GA TGT POS	323173	LGCIU 1	1	27-ECAM
N L/G UPLK PROX SNSR 12GA TGT POS	323173	LGCIU 1	1	32-ECAM
N L/G UPLK PROX SNSR 13GA		LGCIU 2	1	27-ECAM
N L/G UPLK PROX SNSR 13GA		LGCIU 2	1	32-ECAM
N L/G UPLK PROX SNSR 13GA TGT POS		LGCIU 2	1	27-ECAM
N L/G UPLK PROX SNSR 13GA TGT POS		LGCIU 2	1	32-ECAM
NAC TEMP SENSOR1 13KS1		EIU1FAD	2	77-ECAM
NAC TEMP SENSOR2 13KS2		EIU2FAD		77-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
IAC VLV (BLD), HMU ENG1A		EIU1FAD		77-ECAM
AC VLV (BLD), HMU ENG1B		EIU1FAD		77-ECAM
IAC VLV (BLD), HMU ENG2A		EIU2FAD		77-ECAM
IAC VLV (BLD), HMU ENG2B		EIU2FAD		77-ECAM
IAC VLV, HMU ENG1A		EIU1FAD		77-ECAM
IAC VLV, HMU ENG1B		EIU1FAD		77-ECAM
IAC VLV, HMU ENG2A		EIU2FAD		77-ECAM
AC VLV, HMU ENG2B		EIU2FAD		77-ECAM
IAC VLV, J11, ECU ENG1A		EIU1FAD		75-CFDS
IAC VLV, J11, ECU ENG1A		EIU1FAD		77-ECAM
IAC VLV, J11, ECU ENG2A		EIU2FAD		75-CFDS
IAC VLV, J11, ECU ENG2A		EIU2FAD		77-ECAM
IAC VLV, J12, ECU ENG1B		EIU1FAD		75-CFDS
IAC VLV, J12, ECU ENG1B		EIU1FAD		77-ECAM
IAC VLV, J12, ECU ENG2B		EIU2FAD		75-CFDS
IAC VLV, J12, ECU ENG2B		EIU2FAD		77-ECAM
O MRR2 DATA	343831	CFDS	2	34-CFDS
O AC IDENT	313334 232434 ASD	LAIO	3	31-LFUS
O ACARS MU DATA	232434	CFD2	2	23-LFDS
O ACCELERATION	A5V	APU	*	49-EUAM
O ADES DATA	343331	CFDS	2	34-CFDS
O ADERU A DATA CHECK HIRING TO FLD 4	343331 7/437/	CFDS	2	34-CFDS
O ADIRU 1 DATA CHECK WIRING TO FLP 1	341234	2LCC 3	2	34-CFDS
O ADIRU 1 DATA CHECK WIRING TO FLP 2	341234	3FUU Z	2	34-CFDS
O ADIRU 2 DATA CHECK WIRING TO SLT 1 O ADIRU 2 DATA CHECK WIRING TO SLT 2	34 1234 37 1337	3100 I	2	34-CFDS
IO ADIRO 2 DATA CHECK WIRING TO SET 2	341234 341234	STUC Z	7	34-CFDS
IO ADIRU-ADO 3 DATA	34 1234 7/.127/.	DMU DMU	3	34-CFDS
IO ADIRO-IRS S DATA	34 1234 7/.127/	DMU		27-ECAM
IO ADRI DATA	341234	CFDS	1	
IO ADRI DATA	341234	CFDS	1	34-CFD3
O ADR2 DATA	341234	CEDS	1	34-ECAM 27-ECAM
O ADR2 DATA	341234	CFDS	1	Z/-CENS
IO ADRZ DATA	341234	CFDS	1	34-ECAM
O ADR3 DATA	341234	CEDS	1	27-ECAM
IO ADR3 DATA	341234		1	34-CFDS
O ADR3 DATA	341234		1	34-ECAM
O AEVC DATA	212634		1	21-CFDS
IO AEVC DATA	212634		1	21-ECAM
O AFT CHC DATA	214334		2	21-CFDS
O AMU DATA	235134		2	23-CFDS
IO ATC1 DATA	345233		2	34-CFDS
IO ATC2 DATA	345233		2	34-CFDS
IO ATSU DATA	462134		2	31-ECAM
IO ATSU DATA	462134		2	46-CFDS
IO ATSU DATA	462134		2	46-ECAM
IO BCL1 DATA	243834		2	24-CFDS
		J: 23	-	

EFF: ALL

SROS

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA SOURCE	CLASS	CH-PB101
NO BMC1 DATA	361134 CFDS		36-CFDS
NO BMC2 DATA	361134 CFDS	2	36-CFDS
NO BSCU 1 DATA	324234 CFDS	1	32-CFDS
NO BSCU 1 DATA	324234 CFDS		32-ECAM
NO BSCU 2 DATA	324234 CFDS		32-CFDS
NO BSCU 2 DATA	324234 CFDS		32-ECAM
NO CAM DATA	237319 CIDS 1		23-CFDS
NO CAM DATA	237319 CIDS 1		23-LOCAL
NO CAM DATA	237319 CIDS 2	1	23-CFDS
NO CFDIU DATA	313234 CIDS 1		31-CFDS
NO CFDIU DATA	313234 TOILET	3	31-CFDS
NO CFDIU DATA CHECK WIRING TO FLP 1	313234 SFCC 1		31-CFDS
NO CFDIU DATA CHECK WIRING TO FLP 2	313234 SFCC 2	3	31-CFDS
NO CIDS1 DATA	237334 CFDS	2	23-CFDS
NO CIDS1 DATA	237334 CFDS	2	23-ECAM
NO CIDS2 DATA	237334 CFDS	2	23-CFDS
IO CPC1 DATA	213134 CFDS	2	21-CFDS
IO CPC1 DATA	213134 CFDS	2	21-ECAM
IO CPC2 DATA	213134 CFDS		21-CFDS
IO CPC2 DATA	213134 CFDS	2	21-ECAM
IO DAT FROM CFDIU	313234 APU	3	31-CFDS
O DATA FROM ADIRS	341234 TEMPCTL	2	34-CFDS
IO DATA FROM ADIRS	341234 TEMPCTL		21-ECAM
IO DATA FROM ADIRS	341234 TEMPCTL		34-CFDS
NO DATA FROM ADIRS 1 (XX)	341234 CPC 1		34-CFDS
IO DATA FROM ADIRS 1 (XX)	341234 CPC 2		34-CFDS
IO DATA FROM ADIRS 2 (XX)	341234 CPC 1		34-CFDS
IO DATA FROM ADIRS 2 (XX)	341234 CPC 2		34-CFDS
IO DATA FROM ADIRS 3 (XX)	341234 CPC 1		34-CFDS
IO DATA FROM ADIRS 3 (XX)	341234 CPC 2		34-CFDS
IO DATA FROM ADIRU1	341234 FUEL		34-CFDS
IO DATA FROM ADIRU2	341234 FUEL	3	34-CFDS
IO DATA FROM AMU TO ACP1	235134 AMU	1	
IO DATA FROM AMU TO ACP2	235134 AMU		23-CFDS
IO DATA FROM AMU TO ACP3	235134 AMU	1	
IO DATA FROM AMU TO ACP4	235134 AMU	1	23-CFDS
IO DATA FROM BMC1	361100 BMC 2	1	36-ECAM
IO DATA FROM BMC1	361100 BMC 2	2	36-ECAM
IO DATA FROM BMC2	361100 BMC 1	1	36-ECAM
IO DATA FROM BMC2	361100 BMC 1	2	36-ECAM
IO DATA FROM CFDIU	313234 BMC 1	3	31-CFDS
IO DATA FROM CFDIU	313234 BMC 2	3	31-CFDS
IO DATA FROM CFDIU	313234 FUEL	3	31-CFDS
IO DATA FROM CFDS	313234 FUEL 313234 TEMPCTL		31-CFDS
IO DATA FROM CFDS	313234 TEMPCTL		31-CFDS
IO DATA FROM CIDS	237334 TEMPCTL		23-CFDS
NO DATA FROM ECS	237334 TEMPCIL 216334 APU	3	21-CFDS
	732534 BMC 1	3 2	
NO DATA FROM EIU	132334 BML 1	۷	36-ECAM

EFF: ALL

**I-CFDS** 

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SROS

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#### TROUBLE SHOOTING MANUAL

FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
O DATA FROM EIU		BMC 2		36-ECAM
O DATA FROM EIU1		BMC 1	2	36-ECAM
O DATA FROM EIU2		BMC 2	2	36-ECAM
O DATA FROM FMGS 1 (XX)		CPC 1	3	22-CFDS
O DATA FROM FMGS 1 (XX)		CPC 2	3	22-CFDS
O DATA FROM FMGS 2 (XX)		CPC 1	3	22-CFDS
O DATA FROM FMGS 2 (XX)		CPC 2	3	22-CFDS
O DATA FROM GCU APU		AC GEN		24-CFDS
O DATA FROM GCU1		AC GEN		24-CFDS
O DATA FROM GCU2		AC GEN		24-CFDS
O DATA FROM SDAC1		ECAM 1		31-ECAM
O DATA FROM SDAC1		ECAM 2		31-ECAM
O DATA FROM SDAC2		ECAM 1		31-ECAM
O DATA FROM SDAC2	315534	ECAM 2		31-ECAM
O DIRECTOR 1 DATA		CIDS 2		23-CFDS
O DIRECTOR 2 DATA		CIDS 1		23-CFDS
O DMC1 DATA	316334		2	31-CFDS
O DMC2 DATA	316334		2	31-CFDS
O DMC3 DATA		CFDS	2	31-CFDS
O DME1 DATA		CFDS	2	34-CFDS
O DME2 DATA		CFDS	2	34-CFDS
O DMU DATA		CFDS	2	31-CFDS
O ECB DATA	496134		2	49-CFDS
O EIU1 DATA	732534		1	73-CFDS
O EIU1 DATA	732534		1	77-ECAM
O EIU2 DATA	732534		1	73-CFDS
O EIU2 DATA	732534		1	77-ECAM
O EVMU DATA	773234		2	77-CFDS
O FAC1 DATA	226634		2	22-CFDS
O FAP DATA		CIDS 1	1	23-CFDS
O FAP DATA		CIDS 1	1	23-LOCAL
O FAP DATA		CIDS 1 SFCC 1	1	23-0BSV
O FAULTS BUT FPPU FAULT O FAULTS BUT FPPU FAULT		SFCC 2	S S	27-0BSV
	_			27-0BSV 27-0BSV
O FAULTS BUT FPPU FAULT		SFCC 1 SFCC 2		
O FAULTS BUT FPPU FAULT O FAULTS BUT LH APPU FAULT		SFCC 1	S S	27-0BSV 27-0BSV
O FAULTS BUT LH APPU FAULT		SFCC 2	S	27-0BSV
O FAULTS BUT LH APPU FAULT		SFCC 1	s S	27-0BSV 27-0BSV
O FAULTS BUT LH APPU FAULT		SFCC 2	S	27-0BSV
O FAULTS BUT LH WTB SOLENOID O/C		SFCC 1	s S	27-0BSV 27-0BSV
O FAULTS BUT LH WIB SOLENOID O/C		SFCC 2	s S	27-0BSV 27-0BSV
O FAULTS BUT LH WIB SOLENOID O/C		SFCC 1	S	27-0BSV
O FAULTS BUT LH WIB SOLENOID O/C		SFCC 2	S	27-0BSV
O FAULTS BUT LH WTB SOLENOID S/C		SFCC 1	S	27-0BSV
O FAULTS BUT LH WTB SOLENOID S/C		SFCC 2	S	27-0BSV
O LYOFIA DOL FU MID ANTEMOTA 2/C			S	27-0BSV 27-0BSV
O FAULTS BUT LH WTB SOLENOID S/C	278151	CEUU 1		//=nucv

EFF: ALL

ALL

I-CFDS
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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
IO FAULTS BUT NO WTB POWER	275151			27-0BSV
IO FAULTS BUT NO WTB POWER	275151			27-0BSV
O FAULTS BUT NO WTB POWER	278151			27-0BSV
O FAULTS BUT NO WTB POWER	278151			27-0BSV
O FAULTS BUT RH APPU FAULT	275118			27-0BSV
O FAULTS BUT RH APPU FAULT	275118			27-0BSV
O FAULTS BUT RH APPU FAULT	278118			27-0BSV
O FAULTS BUT RH WTB SOLENOID O/C	275151		S	27-0BSV
O FAULTS BUT RH WTB SOLENOID O/C	275151		S	27-0BSV
O FAULTS BUT RH WTB SOLENOID O/C	278151			27-0BSV
O FAULTS BUT RH WTB SOLENOID O/C	278151		S	27-0BSV
O FAULTS BUT RH WTB SOLENOID S/C	275151		S	27-0BSV
O FAULTS BUT RH WTB SOLENOID S/C	275151		S	27-0BSV
O FAULTS BUT RH WTB SOLENOID S/C	278151		S	27-0BSV
O FAULTS BUT RH WTB SOLENOID S/C	278151		S	27-0BSV
O FAULTS BUT WTB SET	275151		S	27-0BSV
O FAULTS BUT WTB SET	275151			27-0BSV
O FAULTS BUT WTB SET	278151			27-0BSV
O FAULTS BUT WTB SET	278151			27-0BSV
O FCDC1 DATA	279534		2	27-CFDS
O FCDC2 DATA	279534 313334 261334	CFDS	2	27-CFDS
O FDIU DATA	313334	CFDS	2	31-CFDS
O FDU APU DATA				24-CFDS
O FDU APU DATA	261334		2	26-CFDS
O FDU1 DATA	261234		2	26-CFDS
O FDU2 DATA	261234		2	26-CFDS
O FLAME		APU	*	49-ECAM
O FQI DATA	284234		2	28-CFDS
O FWC1 DATA	315334		2	31-CFDS
O FWC2 DATA	315334		2	31-CFDS
O GAPCU DATA	244134		1	24-CFDS
O GAPCU DATA	244134		2	31-ECAM
O GPCU DATA	244134		2	24-CFDS
O GPSSU1 DATA	345831		2	34-CFDS
O GPSSU2 DATA	345831		2	34-CFDS
O GPWC DATA	344834		2	34-CFDS
O HF1 DATA	231133 231133		2	23-CFDS
O HF2 DATA			2	23-CFDS
O ILS1 DATA	343631 343631		1	34-CFDS
O ILS1 DATA O ILS2 DATA	343631 343631		1	34-ECAM
O ILSZ DATA O ILSZ DATA	343631		1 1	34-CFDS
O IR1 DATA	341234		1	34-ECAM 27-ECAM
	341234 341234			
O IR1 DATA O IR1 DATA	341234 341234		1 1	34-CFDS
O IRI DATA	341234 341234		1	34-ECAM
O IRO DATA	341234 341234		1	34-EFIS 27-ECAM
O IRZ DATA	341234 341234			
U IKC DATA	34 1234	CL N2	1	34-CFDS

EFF: ALL

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**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
	341234		1	34-ECAM
D IR2 DATA		CFDS	1	34-EFIS
D IR3 DATA		CFDS		27-ECAM
D IR3 DATA		CFDS		34-CFDS
D IR3 DATA		CFDS		34-ECAM
D IR3 DATA	341234	CFDS	1	34-EFIS
D IR3 DATA D LAV DATA/CIDS(101RH)-	237334	SDCU	1	23-CFDS
DF1BUS/CIDS(102RH)-SDF2				
D LAV DATA/CIDS(102RH)-	237334	SDCU	1	23-CFDS
DF2BUS/CIDS(101RH)-SDF1				
D LGCIU 1 DATA CHECK WIRING TO FLP 1	323171	SFCC 1	2	32-CFDS
D LGCIU 2 DATA CHECK WIRING TO FLP 2	323171	SFCC 2	2	32-CFDS
) LGCIU1 DATA	323171	CFDS	2	32-CFDS
) LGCIU1 DATA		CFDS		32-ECAM
) LGCIU2 DATA		CFDS		32-CFDS
) LGCIU2 DATA		CFDS		32-ECAM
O MCDU1 DATA		CFDS		22-CFDS
O MCDU2 DATA		CFDS		22-CFDS
O MDDU DATA		CFDS		31-CFDS
) MDDU DATA		CFDS		31-ECAM
) MMR1 DATA		CFDS		34-CFDS
) MMR1 DATA		CFDS		34-ECAM
O MMR1 DATA		CFDS		34-CFDS
D MMR2 DATA		CFDS		34-CFDS
O MMR2 DATA		CFDS		34-ECAM
D P+TP DATA		CIDS 1		23-CFDS
P+TP DATA		CIDS 1	1	23-LOCAL
D PACK DATA FROM ECS	216334		3	21-CFDS
O PESMUX DATA		CIDS 1	3	23-CFDS
D PESMUX DATA		CIDS 2	3	23-CFDS
O PHC1 DATA		CFDS	2	30-CFDS
O PHC2 DATA		CFDS		30-CFDS
D PHC3 DATA	303134	CFDS	2	30-CFDS
O PRAM DATA		CIDS 1	3	23-CFDS
O PRAM DATA		CIDS 2		23-CFDS
O PRINTER DATA	313200		2	31-CFDS
D RADAR1 DATA	344133		2	34-CFDS
D RADAR2 DATA	344133		2	34-CFDS
D RA1 DATA	344233		1	34-CFDS
D RA1 DATA	344233		1	34-ECAM
D RAZ DATA	344233		1	34-CFDS
) RAZ DATA	344233		1	34-ECAM
O RMP1 DATA	231313		2	23-CFDS
O SCU DATA	233600		3	23-CFDS
O SCU DATA	233600		3	23-CFDS
O SDAC 1 DATA	315534		3	31-CFDS
O OPAO I PAIA				
) SDCU DATA	261734	CEDS	2	26-CFDS

EFF: ALL

SROS

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
 NO SDU DATA				
NO SFCC1 DATA	27517/	CEDS	2	31-ECAM 27-CFDS 27-CFDS
NO SFCCI DATA	275134	CEDS	2	27-CFD3
NO TCAS DATA	Z/./.ZZZ	CFDS	2	34-CFDS
NO TCAS DATA		CFDS		34-CFDS
NO TCAS DATA No TCAS data		CFDS		34-ELAM
NO TEST RESULT RECEPTION FROM P1 CONT	216100	TEMPCTL	3	21-CFDS
NO TEST RESULT RECEPTION FROM P1 CONT	216100	TEMPCTL TEMPCTL TEMPCTL	3	21-ECAM
NO TEST RESULT RECEPTION FROM P2 CONT	216100	TEMPCIL	3	21-CFDS
NO TEST RESULT RECEPTION FROM P2 CONT	216100	TEMPCTL	3	21-ECAM
NO TPIS DATA	324934	CFDS		32-CFDS
NO VHF1 DATA	231233	CFDS CFDS CFDS		23-CFDS
NO VHF2 DATA	231233	CFDS		23-CFDS
NO VHF3 DATA	231233	CFDS		23-CFDS
NO VOR1 DATA	345531	CFDS CFDS		34-CFDS
NO VOR2 DATA	345531	CFDS		34-CFDS
NO VSC DATA	383134	CFDS		38-CFDS
NO WHC1 DATA	304234	CFDS		30-CFDS
NO WHC1 DATA	304234	CFDS	1	30-ECAM
NO WHC2 DATA	304234	CFDS	1	30-CFDS
NO WHC2 DATA	304234	CFDS	1	30-ECAM
NO ZONE CTL DATA	216334	CFDS	2	21-CFDS
NO 28V ON PACK 1 MAIN	216100	TEMPCTL	2	21-ECAM
NO 28V ON PACK 1 MAIN	216100	TEMPCTL	3	21-CFDS
NO 28V ON PACK 1 SECD	216100	TEMPCTL		21-CFDS
NO 28V ON PACK 1 SECD	216100	TEMPCTL	3	21-CFDS
NO 28V ON PACK 2 MAIN		TEMPCTL		21-ECAM
NO 28V ON PACK 2 MAIN		TEMPCTL		21-CFDS
NO 28V ON PACK 2 SECD		TEMPCTL		21-CFDS
NO 28V ON PACK 2 SECD		TEMPCTL		21-CFDS
NO 28V ON ZONE MAIN		TEMPCTL		21-ECAM
NO 28V ON ZONE MAIN	216300	TEMPCTI	3	21-CFDS
NO 28V ON ZONE SECD	216300	TEMPCTL TEMPCTL TEMPCTL	2	21-CFDS
NO 28V ON ZONE SECD	216300	TEMPCTI	7	21-CFDS
NOT APPLICABLE FOR VECB		APU		
NS LAMP XX		CIDS 1		23-CFDS
NS-SIGN <appl. area=""> <location></location></appl.>		CIDS 1		23-CFDS
N1 SNSR, J10, ECU		EIU1FAD		77-CFDS
		EIU1FAD		
N1 SNSR, J10, ECU N1 SNSR, J10, ECU		EIU1FAD		77-CFDS 77-ECAM
		EIU1FAD		
N1 SNSR, J10, ECU				77-ECAM
N1 SNSR, J10, ECU		EIU1FAD		77-CFDS
N1 SNSR, J10, ECU		EIU2FAD		77-CFDS
N1 SNSR, J10, ECU		EIU2FAD		77-CFDS
N1 SNSR, J10, ECU		EIU2FAD		77-ECAM
N1 SNSR, J10, ECU		EIU2FAD		77-ECAM
N1 SNSR, J10, ECU		EIU2FAD	3	77-CFDS
N1 SNSR, J10, ECU*	771110		S	77-CFDS

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
11 SNSR, J10, ECU*		EIU2FAD		77-CFDS
1 SNSR, J9, ECU	771110	EIU1FAD	S	77-CFDS
1 SNSR, J9, ECU	771110	EIU1FAD	1	77-CFDS
1 SNSR, J9, ECU		EIU1FAD		77-ECAM
1 SNSR, J9, ECU	771110	EIU1FAD		77-ECAM
1 SNSR, J9, ECU		EIU1FAD		77-CFDS
1 SNSR, J9, ECU		EIU2FAD		77-CFDS
1 SNSR, J9, ECU		EIU2FAD		77-CFDS
1 SNSR, J9, ECU		EIU2FAD		77-ECAM
1 SNSR, J9, ECU		EIU2FAD		77-ECAM
1 SNSR, J9, ECU		EIU2FAD		77-CFDS
1 SNSR, J9, ECU*		EIU1FAD		77-CFDS
1 SNSR, J9, ECU*		EIU2FAD		77-CFDS
2 SNSR, J7, ECU		EIU1FAD		77-CFDS
2 SNSR, J7, ECU		EIU1FAD		77-CFDS
2 SNSR, J7, ECU		EIU1FAD		77-ECAM
2 SNSR, J7, ECU		EIU1FAD		77-ECAM
2 SNSR, J7, ECU		EIU1FAD		77-CFDS
2 SNSR, J7, ECU		EIU2FAD		77-CFDS
2 SNSR, J7, ECU		EIU2FAD		77-CFDS
2 SNSR, J7, ECU		EIU2FAD		77-ECAM
2 SNSR, J7, ECU		EIU2FAD		77-ECAM
2 SNSR, J7, ECU		EIU2FAD		77-CFDS
2 SNSR, J7, ECU*		EIU1FAD		77-CFDS
2 SNSR, J7, ECU*		EIU2FAD		77-CFDS
2 SNSR, J8, ECU		EIU1FAD		77-CFDS
2 SNSR, J8, ECU		EIU1FAD		77-CFDS
2 SNSR, J8, ECU		EIU1FAD		77-ECAM
2 SNSR, J8, ECU		EIU1FAD		77-ECAM
2 SNSR, J8, ECU		EIU1FAD		77-CFDS
2 SNSR, J8, ECU		EIU2FAD		77-CFDS
2 SNSR, J8, ECU		EIU2FAD		77-CFDS
2 SNSR, J8, ECU		EIU2FAD		77-ECAM
2 SNSR, J8, ECU		EIU2FAD	2	77-ECAM
2 SNSR, J8, ECU		EIU2FAD		77-CFDS
2 SNSR, J8, ECU*		EIU1FAD		77-CFDS
2 SNSR, J8, ECU*		EIU2FAD		77-CFDS
IL COOLER (8079KM) / COOLING FAN (8053KM)			1	49-ECAM
	499144		1	49-ECAM
IL COOLER / COOLING FAN ASSEMBLY	499144		1	49-ECAM
IL FILTER P5	499141		2	49-ECAM
IL FILTER SWITCHES (8070KM)/(8071KM)	499114		3	49-CFDS
IL LEVEL SNSR (8089KM)	499317		2	49-ECAM
IL LEVEL SNSR P8	499317		2	49-ECAM
IL LEVEL SWITCH(8087KM)	499300		2	49-ECAM
IL PRESS SW (8091KM)	499414		2	49-ECAM
IL PRESS SW (8091KM) AND LOW OIL LEVEL	499414		1	49-ECAM
IL PRESS SW P14	499114	APU	2	49-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

		SOURCE		
OIL PRESS SW P14 AND LOW OIL LEVEL OIL PRESS SW P14 AND OIL LEVEL SNSR P8 OIL PRESS XMTR1 4003EN OR LOW PRESS 1SW 4001EN	499414	APU	1	49-ECAM
OIL PRESS SW P14 AND OIL LEVEL SNSR P8	499414	APU	1	49-ECAM
OIL PRESS XMTR1 4003EN OR LOW PRESS 1SW 4001EN	793315	EIU1FAD	3	79-CFDS
OIL PRESS XMTR2 4003EN OR LOW PRESS2 SW 4001EN	793315	EIU2FAD	3	79-CFDS
OIL PRS SW (8091KM) AND OIL LVL SNSR (8089KM)	499414	APU	1	49-ECAM
OIL SUMP TEMP SENSOR (8084KM)	499151	APU	2	49-CFDS
OIL SUMP TEMP SENSOR (8084KM)	499151	APU	2	49-ECAM
OIL SUMP TEMP SENSOR (8084KM)	499415	APU	2	49-ECAM
OIL PRS SW (8091KM) AND OIL LVL SNSR (8089KM) OIL SUMP TEMP SENSOR (8084KM) OIL SUMP TEMP SENSOR (8084KM) OIL SUMP TEMP SENSOR (8084KM) OIL TEMP SENSOR P11 OIL TEMP SENSOR 1 4004EN OIL TEMP SENSOR1 4004EN OIL TEMP SENSOR2 4004EN OIL TEMP SENSOR2 4004EN OIL TEMP SENSOR2 4004EN OIL TEMP SENSOR2 4004EN	499415	APU	2	49-ECAM
OIL TEMP SENSOR1 4004EN	793215	EIU1FAD	1	77-ECAM
OIL TEMP SENSOR1 4004EN	793215	EIU1FAD	2	77-ECAM
OIL TEMP SENSOR2 4004EN	793215	EIU2FAD	1	77-ECAM
OIL TEMP SENSOR2 4004EN	793215	EIU2FAD	2	77-ECAM
OIL TEMP SNSR (8084KM)	499151	APU	3	49-CFDS
OIL TEMP SNSR (8084KM) AND GENERATOR (8XS)	499151	APU	2	49-ECAM
OIL TEMP SNSR P25	499151	APU	3	49-CFDS
OIL TEMP SENSOR2 4004EN OIL TEMP SNSR (8084KM) OIL TEMP SNSR (8084KM) AND GENERATOR (8XS) OIL TEMP SNSR P25 OIL TEMP SNSR P25 AND GENERATOR 8XS OIL TEMP SWITCH (8090KM) OP FCDC FAIL DISCR OP FCDC FAIL DISCR OUTFL. VALVE AUTO MOTOR 1 (XX) OUTFL. VALVE AUTO MOTOR 2 (XX) OUTFL. VALVE ELECTRONIC 1 (XX) OUTFL. VALVE ELECTRONIC 2 (XX) OUTFL. VALVE ELECTRONIC 2 (XX)	499151	APU	1	49-FCAM
OIL TEMP SWITCH (8090KM)	499413	ΔPII	2	49-FCAM
OP FOR FAIL DISCR	279534	FFCS 1	1	27-CFDS
OP FORC FAIL DISCR	279534	FFCS 2	1	27-CFDS
OUTEL VALVE AUTO MOTOR 1 (YY)	217151	CPC 1	1	21-FCAM
OUTEL VALVE AUTO MOTOR 1 (AA)	213131	CPC 7	1	21-ECAM
OUTEL VALVE ELECTBONIC 1 (VV)	213131	CPC Z	1	21-ECAM
OIL TEMP SNSR P25 AND GENERATOR 8XS OIL TEMP SWITCH (8090KM) OP FCDC FAIL DISCR OP FCDC FAIL DISCR OUTFL. VALVE AUTO MOTOR 1 (XX) OUTFL. VALVE AUTO MOTOR 2 (XX) OUTFL. VALVE ELECTRONIC 1 (XX) OUTFL. VALVE ELECTRONIC 2 (XX) OUTFL.V AUTO MOTOR 1 (88) OUTFL.V FEEDB ASSY 1 (78)) OUTFL.V FEEDB ASSY 2 (78) OUTFL.VALVE FEEDB ASSY 1 (XX) OUTFL.VALVE FEEDB ASSY 2 (XX) OUTFL.VALVE FEEDB ASSY 2 (XX) OUTFLOW VALVE OUTFLOW VALVE OUTFLOW VALVE (33) OUTFLOW VALVE (81) OUTFLOW VALVE (81)	213131	CPC 3	1	21-ECAM
OUTEL VALVE ELECTRUNIC 2 (AA)	212121	CPC 1	1	21-ECAM
OUTEL V SEEDS ACCV 4 (79)	213131	CPC 1	1	21-ECAM
OUTEL V FEEDE ASSY 1 (70))	213131	CPC 1	1	
OUTEL VALVE FEEDS ASSY 2 (78)	213131	CPC 2	1	21-ECAM
OUTFL. VALVE FEEDB ASSY 1 (XX)		CPC 1		21-ECAM
OUTFL.VALVE FEEDB ASSY 2 (XX)	213151	CPC 2	1	21-ECAM
OUTFLOW VALVE	213151	CPC 1	1	21-ECAM
OUTFLOW VALVE	213151	CPC 2 CPC 1 CPC 2 CPC 1	1	21-ECAM
OUTFLOW VALVE (33)	213151	CPC 1	1	21-ECAM
OUTFLOW VALVE (33)	213151	CPC 2	1	21-ECAM
OUTFLOW VALVE (81)	213151	CPC 1	1	21-ECAM
OUTFLOW VALVE (81)		CPC 2		21-ECAM
OUTFLOW VALVE BLUCKED (XX)	213151		3	21-CFDS
OUTFLOW VALVE BLOCKED (XX)	213151		3	21-ECAM
OUTFLOW VALVE BLOCKED (XX)	213151	CPC 2	3	21-CFDS
OUTFLOW VALVE BLOCKED (XX)	213151	CPC 2	3	21-ECAM
OUTFLOW VALVE BLOCKED (29)	213151	CPC 1	3	21-CFDS
OUTFLOW VALVE BLOCKED (29)	213151	CPC 2	3	21-CFDS
OUTFLOW VALVE ELEC 1 (04)	213151	CPC 1	1	21-ECAM
OUTFLOW VALVE ELEC 1 (52)	213151		1	21-ECAM
OUTFLOW VALVE ELEC 1 (64)	213151		1	21-ECAM
OUTFLOW VALVE ELEC 1 (77)	213151	CPC 1	1	21-ECAM
OUTFLOW VALVE ELEC 2 (04)	213151		1	21-ECAM
			1	21-ECAM
OUTFLOW VALVE ELEC 2 (52)	213151	LPL Z		Z I TELAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
OUTFLOW VALVE ELEC 2 (77) OUTFLOW VALVE ELECTRONIC 1 (XX) OUTFLOW VALVE ELECTRONIC 2 (XX) OUTLET BYPASS V 23HQ OUTLET BYPASS V 23HQ OVERCURRENT GEN APU CHANNEL OVERCURRENT GEN1 CHANNEL OVERCURRENT GEN2 CHANNEL OVERLOAD GEN APU OVERPRESS-V 5HA1 OVERPRESS-V 5HA1 OVERPRESS-V 5HA2 OVERPRESS-V 5HA2 OVERPRESS-V 5HA2 OVERSPEED OVERTEMPERATURE OVPRESS-V 5HA1 OVPRESS-V 5HA2 OVPRESS-V 5HA2 OVPRESS-V 5HA2 P&T PNL P&T PNL PACK (27HH) / DMU (1TV) PACK (7HH) / FDIMU (1OTV)	213151	CPC 2	1	21-ECAM
OUTFLOW VALVE ELECTRONIC 1 (XX)	213151	CPC 1	1	21-ECAM
OUTFLOW VALVE ELECTRONIC 2 (XX)	213151	CPC 2	1	21-ECAM
OUTLET BYPASS V 23HQ	212655	AEVC	1	21-ECAM
OUTLET BYPASS V 23HQ	212655	AEVC	3	21-CFDS
OVERCURRENT GEN APU CHANNEL	245000	AC GEN	1	24-ECAM
OVERCURRENT GEN1 CHANNEL	245000	AC GEN	1	24-ECAM
OVERCURRENT GEN2 CHANNEL	245000	AC GEN	1	24-ECAM
OVERLOAD GEN APU	245000	AC GEN	1	24-ECAM
OVERPRESS-V 5HA1	361153	BMC 1	1	36-ECAM
OVERPRESS-V 5HA1	361153	BMC 1	2	36-ECAM
OVERPRESS-V 5HA2	361153	BMC 2	1	36-ECAM
OVERPRESS-V 5HA2	361153	BMC 2	2	36-ECAM
OVERSPEED	ASD	APU	*	49-ECAM
OVERTEMPERATURE	ASD	APU	*	49-ECAM
OVPRESS-V 5HA1	361153	BMC 1	1	36-ECAM
OVPRESS-V 5HA1	361153	BMC 1	2	36-ECAM
OVPRESS-V 5HA2	361153	BMC 2	1	36-ECAM
OVPRESS-V 5HA2	361153	BMC 2	2	36-ECAM
P&T PNL	237318	CIDS 1	1	23-CFDS
P&T PNL	237318	CIDS 1	1	23-LOCAL
PACK (27HH) / DMU (1TV)	216134	DMU	3	21-CFDS
PACK (27HH) / FDIMU (10TV)	216234	DMU	3	21-CFDS
PACK (7HH) / DMU (1TV)	216134	DMU	3	21-CFDS
PACK (7HH) / FDIMU (10TV)	216134	DMU	3	21-CFDS
PAX CALL LAMP <appl. area=""> <location></location></appl.>	237314	CIDS 1	3	23-CFDS
PAY CALL LAMP ZAPPL ARFAS ZINCATTONS	247414	しょりん ろ	4	23-CFDS
PAX CALL LAMP <appl. area=""> LAV X</appl.>	237314	CIDS 1	3	23-CFDS
PAX CALL LAMP <appl. area=""> LAV X PAX CALL LAMP <appl. area=""> LAV X PAX CALL LAMP SR: XX PAX CALL LAMP SR: XX</appl.></appl.>	237314	CIDS 2	3	23-CFDS
PAX CALL LAMP LAV X	237314	CIDS 1	3	23-CFDS
PAX CALL LAMP LAV X	237314	CIDS 2	3	23-CFDS
PAX CALL LAMP SR: XX	237314	CIDS 1	3	23-CFDS
PAX CALL LAMP SR: XX	237314	CIDS 2	3	23-CFDS
B BOS TIL (TOXO)/BICT (TIXOT)/GCOT (TXOT)	272237	AC GLI		24-CFDS
PB BUS TIE (10XU)/BTC2 (11XU2)/GCU2 (1XU2)	242234	AC GEN	3	24-CFDS
PB SW BUS TIE (10XU)/ GAPCU (1XG) 1553 BUS	242200	AC GEN	3	24-CFDS
PB SW ELEC GEN APU (2XS)	242300	AC GEN	1	24-ECAM
PB SW ELEC GEN APU (2XS) /GAPCU (24XG)	242300	AC GEN	1	24-ECAM
PB SW ELEC GEN APU (2XS) /GAPCU (24XG)	242300	AC GEN	3	24-CFDS
PB SW ELEC GEN1 (3XU1)/ GCU1 (1XU1)	242200	AC GEN	1	24-ECAM
PB SW ELEC GEN1 (3XU1)/ GCU1 (1XU1)		AC GEN	3	24-CFDS
PB SW ELEC GEN2 (3XU2)/ GCU2 (1XU2)		AC GEN	1	24-ECAM
PB SW ELEC GEN2 (3XU2)/ GCU2 (1XU2)		AC GEN	3	24-CFDS
PCU XXY	233312	CIDS 1	3	23-CFDS
PCU XXY	233312	CIDS 2	3	23-CFDS
PHC 6DA1	303134	PHC 1	1	30-ECAM
PHC 6DA1	303134	PHC 1	3	30-CFDS
PHC 6DA2	303134	PHC 2	1	30-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

ATA	SOURCE	CLASS	CH-PB101
303134	PHC 2	3	30-CFDS
303134	PHC 3	1	30-ECAM
303134	PHC 3	3	30-CFDS
323171	PHC 1	3	32-CFDS
323171	PHC 2	3	32-CFDS
323171	PHC 3	3	32-CFDS
284234	FUEL	3	28-CFDS
275134	SFCC 1	3	27-CFDS
275134	SFCC 2	3	27-CFDS
275134	SFCC 1	3	27-CFDS
275134	SFCC 2	3	27-CFDS
275134	SFCC 1	3	27-CFDS
275134	SFCC 2	3	27-CFDS
275134	SFCC 1	3	27-CFDS
275134	SFCC 2	3	27-CFDS
341115	PHC 1	1	30-ECAM
341115	PHC 2	1	30-ECAM
341115	PHC 3	1	30-ECAM
732100	EIU1FAD	S	73-CFDS
732100	EIU2FAD	S	73-CFDS
732100	EIU2FAD	S	73-CFDS
332738	CIDS 1	3	33-CFDS
332738	CIDS 1	3	33-CFDS
332738	CIDS 1	3	33-CFDS
237338	CIDS 1	3	23-CFDS
313634	DMU	2	31-ECAM
240000	ACARSMU	1	24-CFDS
240000	ADF 1	1	24-CFDS
240000	ADF 2	1	24-CFDS
240000	APU	1	49-ECAM
240000	ATC 1	1	24-CFDS
240000	ATC 2	1	24-CFDS
240000	ATSU	1	24-CFDS
		1	32-ECAM
		1	32-ECAM
240000	DME 1	1	24-CFDS
240000	DME 2	1	24-CFDS
		1	24-CFDS
		3	24-CFDS
240000	FDU APU	3	26-CFDS
		1	24-CFDS
		1	24-CFDS
		1	24-CFDS
			24-CFDS
			24-CFDS
		1	24-CFDS
240000	ו אומוא	1	/4-I.FIIN
	303134 303134 303134 323171 323171 323171 284234 275134 27	303134 PHC 2 303134 PHC 3 303134 PHC 3 323171 PHC 1 323171 PHC 2 323171 PHC 3 284234 FUEL 275134 SFCC 1 275134 SFCC 1 275134 SFCC 1 275134 SFCC 1 275134 SFCC 2 275134 SFCC 1 275134 SFCC 2 275134 SFCC 1 275134 SFCC 2 341115 PHC 1 341115 PHC 3 732100 EIU1FAD 732100 EIU2FAD 7321	303134 PHC 2 3 303134 PHC 3 1 303134 PHC 3 3 323171 PHC 1 3 323171 PHC 2 3 323171 PHC 2 3 323171 PHC 3 3 284234 FUEL 3 275134 SFCC 1 3 275134 SFCC 1 3 275134 SFCC 1 3 275134 SFCC 1 3 275134 SFCC 2 3 275134 SFCC 1 3 275134 SFCC 2 3 341115 PHC 1 1 341115 PHC 1 1 341115 PHC 3 1 732100 EIU1FAD S 732100 EIU2FAD S 332738 CIDS 1 3 332738 CIDS 1 1 240000 ADF 1 1 240000 ADF 2 1 240000 ADF 2 1 240000 ADF 2 1 240000 ATC 1 1 240000 ATC 1 1 240000 ATC 1 1 240000 BSCU 1 1 240000 BSCU 2 1 240000 BSCU 1 1 240000 BSCU 2 1 240000 FDU APU 3

EFF: ALL

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**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
POWER SUPPLY INTERRUPT		RADAR 1		24-CFDS
POWER SUPPLY INTERRUPT		RADAR 2		24-CFDS
POWER SUPPLY INTERRUPT		RMP 123		24-CFDS
POWER SUPPLY INTERRUPT	240000		3	24-CFDS
POWER SUPPLY INTERRUPT	240000	TCAS	1	24-CFDS
POWER SUPPLY INTERRUPT	240000	VHF 1	1	24-CFDS
POWER SUPPLY INTERRUPT	240000	VHF 2	1	24-CFDS
POWER SUPPLY INTERRUPT	240000	VHF 3	1	24-CFDS
POWER SUPPLY INTERRUPT		VOR 1		24-CFDS
POWER SUPPLY INTERRUPT	240000		1	24-CFDS
POWER SUPPLY INTERRUPT	313634		1	31-CFDS
POWER SUPPLY OVERTEMP	232834		3	23-CFDS
PRAM		CIDS 1		23-CFDS
PRAM		CIDS 2	3	23-CFDS
PRAM (10RX)		CIDS 2	1	23-CFDS
PRAM (10RX)/ DIR2(102RH)		CIDS 2	1	23-CFDS
PRAM(10RX)		CIDS 1	1	23-CFDS
PRAM(10RX)/ DIR1(101RH)		CIDS 1	1	23-CFDS
PRECOOLER		BMC 1	1	36-ECAM
PRECOOLER		BMC 1		36-CFDS
PRECOOLER	361142		1	36-ECAM
PRECOOLER		BMC 2		36-CFDS
PRESELECTOR 5QT		FUEL	3	28-CFDS
PRESS CONTR 1 (XX)		CPC 1		21-ECAM
PRESS CONTR 1 (XX)	213134		3	21-CFDS
PRESS CONTR 1 (XX)	213151		1	21-ECAM
PRESS CONTR 2 (XX)	213134		1	21-ECAM
PRESS CONTR 2 (XX)	213134		3	21-CFDS
PRESS CONTR 2 (XX)	213151		1	21-ECAM
PRESS CONTROLLER 1 (00)	213151		1	21-CFDS
PRESS CONTROLLER 1 (51)	213151		1	21-CFDS
PRESS CONTROLLER 1 (59)	213151		1	21-CFDS
PRESS CONTROLLER 2 (00)	213151		1	21-CFDS
PRESS CONTROLLER 2 (51)	213151		1	21-CFDS
PRESS CONTROLLER 2 (59)	213151		1	
PRESS REG-V 4001HA1	361152		1	36-ECAM
PRESS REG-V 4001HA1	361152		1	36-LOCAL
PRESS REG-V 4001HA1 OR HP BLEED-V 4000HA1 OR	361100	BMC 1	3	36-CFDS
S. S. SEC V 4004HA4 OD SOL 40HA4	7/1100	DMC 4	4	74 0500
PRESS REG-V 4001HA1 OR SOL 10HA1 PRESS REG-V 4001HA1 OR SOL 10HA1	361100 361100		1	36-CFDS
			1 7	36-ECAM
PRESS REG-V 4001HA1 OR SOL 10HA1	361100		3	36-CFDS
PRESS REG-V 4001HA1 OR SOL 10HA1 OR SENSE LINE PRESS REG-V 4001HA1 OR SOL 10HA1 OR SENSE LINE			1	36-CFDS
			1	36-ECAM
PRESS REG-V 4001HA1 OR SOL 10HA1 OR SENSE LINE			3	36-CFDS
PRESS REG-V 4001HA2	361152		1	36-ECAM
PRESS REG-V 4001HA2	361152		1	36-LOCAL
PRESS REG-V 4001HA2 OR HP BLEED-V 4000HA2 OR	361100	BMC 2	3	36-CFDS

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**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
S.				
PRESS REG-V 4001HA2 OR SOL 10HA2	<b>361100</b>	BMC 2	1	36-CFDS
PRESS REG-V 4UU1HAZ OR SOL 1UHAZ	<b>36</b> 1100	BMC 2	1	36-ECAM
PRESS REG-V 4001HA2 OR SOL 10HA2	361100	BMC 2	3	36-CFDS
PRESS REG-V 4001HA2 OR SOL 10HA2 OR SENSE LINE PRESS REG-V 4001HA2 OR SOL 10HA2 OR SENSE LINE	361100	BMC 2	1	36-CFDS
PRESS REG-V 4001HA2 OR SOL 10HA2 OR SENSE LINE	361100	BMC 2	1	36-ECAM
PRESS REG-V 4001HA2 OR SOL 10HA2 OR SENSE LINE PRESS XDCRS (8044KM) / (8043KM) / SCV (8058KM) PRESS XDCRS (8044KM) / (8044KM) / SCV (8058KM)	361100	BMC 2	3	36-CFDS
PRESS XDCRS (8044KM) / (8043KM) / SCV (8058KM)	495116	APU	1	49-ECAM
PRESS XDCRS (8044KM) / (8044KM) / SCV (8058KM)	495116	APU	1	49-ECAM
PRESS XDCRS (8044KM) / (8048KM) PRESS XDCRS (8044KM) / (8048KM) PRESSURE SW 17HQ	495117	APU	1	49-CFDS
PRESS XDCRS (8044KM)/ (8048KM)	495117	APU	1	49-ECAM
PRESSURE SW 17HQ	212611	AEVC	3	21-CFDS
PRESSURE SW 19HQ	212611	AEVC	3	21-CFDS
PRESSURE SW 30HQ	212611	AEVC	3	21-CFDS
PRINTER	313522	PRINTER	3	31-CFDS
PRINTER (4TW) / DMII (1TV)	313522	DMII	3	31-CFDS
PRINTER (4TW) / FDIMII (10TV)	313522	DMU	3	31-CFDS
PRINTER (4TW) / ACARS MIL (1RB)	313500	ACARSMII	3	31-CFDS
PRESS XDCRS (8044KM)/ (8048KM) PRESSURE SW 17HQ PRESSURE SW 19HQ PRESSURE SW 30HQ PRINTER PRINTER (4TW) / DMU (1TV) PRINTER (4TW) / FDIMU (10TV) PRINTER (4TW) / ACARS MU (1RB) PRINTER (4TW)/ATSU1(1TX1) PRINTER (4TW)/ATSU1(1TX1) PRINTER (4TW)/ATSU1(1TX1) PRINTER (4TW)/ATSU1(1TX1) PRINTER (4TW)/ATSU1(1TX1) PS13 SENS LINE, ECU ENG1A PS13 SENS LINE, ECU ENG1B PS13 SENS LINE, ECU ENG2A PS13 SENS LINE, ECU ENG2B PUSH BUT 7PB1/BCL1 CIRCUIT PUSH BUT 7PB2/BCL2 CIRCUIT PVS INOP	313522	ACARSMU	1	31-CFDS
PRINTER(ATW)/ATSU1(1TX1)	313522	ACARSMU	1	46-0RSV
PDINTER(4TW)/ATSU1(1TX1)	313522	ATSU	1	31-CFDS
DDINTED(/TW)/ATSUI(/TY1)	313522	ATSU	1	46-0RSV
DC17 CENC I THE ECH ENGIA	772160	EIU1FAD	7	73_CENS
DC17 CENC LINE ECH ENCID	772160	EIU1FAD	7	73-CFD3
POID SENS LINE, ECU ENGID		EIU2FAD		
POID SENS LINE, ECU ENCID	772160	ETUZFAD	<i>3</i>	73-CFDS
POID SENS LINE, ELU ENGZO	2/2000	EIUZFAV	1	13-CFD3
PUSH BUT 7003/0013 CINCUIT	2/7000	BCL 1	1	24-ECAM
PUSH BUT (PBZ/BULZ CIRCUIT	243000	BCL 2	7	24-EUAM
PVS INOP	233600	CIDS J	<b>3</b>	23-CFDS
PVS INOP	233600	CIVS Z	3	23-CFDS
PO/P12/T12, ADC, ECU ENG1A		EIU1FAD		
PO/P12/T12, ADC, ECU ENG1B	732100	EIU1FAD	3	73-0105
	732100	E1U2FAD	3	73-CFDS
PO/P12/T12, ADC, ECU ENG2B		EIU2FAD		
P1 AIR CYCLE MACH CHECK		TEMPCTL		
P1 BLEED TEMP >280 C		TEMPCTL		21-CFDS
P1 BLEED TEMP >320 C		TEMPCTL		21-CFDS
P1 BLEED TEMP SENSOR		TEMPCTL		21-CFDS
P1 BYPASS VALVE		TEMPCTL	1	21-ECAM
P1 BYPASS VALVE		TEMPCTL		21-ECAM
P1 COMP OVHT SENSOR		TEMPCTL	2	21-CFDS
P1 COMP OVHT SENSOR		TEMPCTL	3	21-CFDS
P1 COMP OVHT SENSOR		TEMPCTL		21-ECAM
P1 COMP TEMP SENSOR		TEMPCTL		21-CFDS
P1 COMP TEMP SENSOR		TEMPCTL		21-CFDS
P1 COMP TEMP/OVHT SENSOR DISAGREE		TEMPCTL		21-CFDS
P1 CONT	216134	TEMPCTL	1	21-ECAM
P1 CONT	24/47/	TEMPCTL	2	21-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
1 CONT 1 CONT OR ANTI ICE VALVE 1 CONT OR ANTI ICE VALVE 1 FLOW CTL VALVE 1 FLOW SENSOR 1 FLOW SENSOR 1 OUTLET TEMP SENSOR 1 PIN PROGRAM MISMATCH 1 PRESS INL SENSOR 1 PRESS INL SENSOR 1 RAM AIR IN ACTUATOR 1 RAM AIR IN ACTUATOR 1 RAM AIR OUT ACTUATOR 1 WATER EX TEMP SENSOR 2 AIR CYCLE MACH CHECK 2 BLEED TEMP > 280 C 2 BLEED TEMP > 320 C	216134	TEMPCTL	3	21-CFDS
1 CONT OR ANTI ICE VALVE	216141	TEMPCTL		21-ECAM
1 CONT OR ANTI ICE VALVE	216141	TEMPCTL	3	21-CFDS
1 FLOW CTL VALVE	215151	TEMPCTL		21-ECAM
1 FLOW SENSOR	215111	TEMPCTL		21-ECAM
1 FLOW SENSOR	215111	TEMPCTL	_	21-CFDS
1 OUTLET TEMP SENSOR	216115	TEMPCTL	_	21-CFDS
1 PIN PROGRAM MISMATCH	216100	TEMPCTL	3	21-CFDS
1 PRESS INL SENSOR	216116	TEMPCTL	2	21-ECAM
1 PRESS INL SENSOR	216116	TEMPCTL	3	21-CFDS
1 RAM AIR IN ACTUATOR	216151	TEMPCTL	1	21-ECAM
1 RAM AIR IN ACTUATOR	216151	TEMPCTL		21-CFDS
1 RAM AIR OUT ACTUATOR	216152	TEMPCTL	1	21-CFDS
1 RAM AIR OUT ACTUATOR	216152	TEMPCTL	1	21-ECAM
I RAM AIR OUT ACTUATOR	216152	TEMPCTL	3	21-CFDS
1 WATER EX TEMP SENSOR	216113	TEMPCTL	1	21-ECAM
1 WATER EX TEMP SENSOR	216113	TEMPCTL	2	21-ECAM
1 WATER EX TEMP SENSOR	216113	TEMPCTL	3	21-CFDS
1 WATER EX TEMP SENSOR	216113	TEMPCTL	3	21-0BSV
2 AIR CYCLE MACH CHECK	216100	TEMPCTL	1	21-ECAM
P BLEED TEMP >280 C	216100	TEMPCTL		21-CFDS
P BLEED TEMP >320 C	216100	TEMPCTL		21-CFDS
2 BLEED TEMP SENSOR	216117	TEMPCTL	3	21-CFDS
P BYPASS VALVE	216153	TEMPCTL	1	21-ECAM
2 BYPASS VALVE	216153	TEMPCTL	2	21-ECAM
2 COMP OVHT SENSOR	216112	TEMPCTL	2	21-CFDS
2 COMP OVHT SENSOR	216112	TEMPCTL	3	21-CFDS
2 COMP OVHT SENSOR	216112	TEMPCTL	3	21-ECAM
2 COMP TEMP SENSOR	216111	TEMPCTL	2	21-CFDS
2 COMP TEMP SENSOR	216111	TEMPCTL	3	21-CFDS
2 COMP TEMP/OVHT SENSOR DISAGREE	216111	TEMPCTL	2	21-CFDS
2 CONT	216134	TEMPCTL	1	21-ECAM
2 CONT	216134	TEMPCTL TEMPCTL	2	21-ECAM
2 CONT	216134	TEMPCTL	3	21-CFDS
2 CONT OR ANTI ICE VALVE		TEMPCTL		21-ECAM
2 CONT OR ANTI ICE VALVE		TEMPCTL		21-CFDS
2 FLOW CTL VALVE		TEMPCTL		21-ECAM
2 FLOW SENSOR	215111	TEMPCTL		21-ECAM
2 FLOW SENSOR	215111	TEMPCTL		21-CFDS
2 OUTLET TEMP SENSOR		TEMPCTL		21-CFDS
2 PIN PROGRAM MISMATCH		TEMPCTL		21-CFDS
2 PRESS INL SENSOR		TEMPCTL		21-ECAM
2 PRESS INL SENSOR		TEMPCTL		21-CFDS
2 RAM AIR IN ACTUATOR		TEMPCTL		21-ECAM
2 RAM AIR IN ACTUATOR		TEMPCTL		21-CFDS
2 RAM AIR OUT ACTUATOR		TEMPCTL		21-CFDS
= <b>=</b>				
2 RAM AIR OUT ACTUATOR	216152	TEMPCTL	1	21-ECAM

EFF:

ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
CFDS MESSAGES  P2 WATER EX TEMP SENSOR  P25 SNSR LINE, ECU ENG1B  P25 SNSR LINE, ECU* ENG2B  P25 SNSR LINE, ECU* ENG2B  QAR  QAR  QAR  QAR  QAR  QAR  QAR  B AIL MODE VLV 33CE4  R B AIL MODE VLV 33CE4  R B AIL MODE XDCR 33CE4 OR INPUT OF ELAC2  R B AIL MODE XDCR 33CE4  R B AIL POS XDCR 33CE4  R B AIL POS XDCR 33CE4  R B AIL SERVO VLV 34CE4  R B ELEV MODE VLV 34CE4  R B ELEV MODE XDCR 34CE4	216113	TEMPCTL	1	21-ECAM
P2 WATER EX TEMP SENSOR	216113	TEMPCTL	2	21-ECAM
P2 WATER EX TEMP SENSOR	216113	TEMPCTL	3	21-CFDS
P2 WATER EX TEMP SENSOR	216113	TEMPCTL	3	21-0BSV
P25 SNSR LINE, ECU ENG1B	732160	EIU1FAD	3	73-CFDS
P25 SNSR LINE, ECU ENG2B	732160	EIU2FAD	3	73-CFDS
P25 SNSR LINE, ECU* ENG1B	732160	EIU1FAD	S	73-CFDS
P25 SNSR LINE, ECU* ENG2B	732160	EIU2FAD	S	73-CFDS
QAR	313352	FDIU	2	31-CFDS
QAR	313352	FDIU	2	31-ECAM
QAR TAPE LOW	313352	FDIU	2	31-CFDS
QUALIFIER B1/2/ WXR1(1SQ1)	793311	RADAR 1	1	34-EFIS
R B AIL MODE VLV 33CE4	271451	EFCS 1	1	27-ECAM
R B AIL MODE VLV 33CE4	271451	EFCS 2	1	27-ECAM
R B AIL MODE XDCR 33CE4 OR INPUT OF ELAC2	271451	EFCS 1	2	27-ECAM
R B AIL MODE XDCR 33CE4 OR INPUT OF ELAC2	271451	EFCS 2	2	27-ECAM
R B AIL POS XDCR 33CE4	271451	EFCS 1	1	27-ECAM
R B AIL POS XDCR 33CE4	271451	EFCS 2	1	27-ECAM
R B AIL SERVO VLV 33CE4	271451	EFCS 1	1	27-ECAM
R B AIL SERVO VLV 33CE4	271541	EFCS 2	1	27-ECAM
R B AIL SERVO VLV 33CE4 OR OUTPUT FROM ELAC2	271451	EFCS 1	1	27-ECAM
R B AIL SERVO VLV 33CE4 OR OUTPUT FROM ELAC2	271451	EFCS 2	1	27-ECAM
R B ELEV MODE VLV 34CE4	273451	EFCS 1	1	27-ECAM
R B ELEV MODE VLV 34CE4	273451	EFCS 2	1	27-ECAM
R B ELEV MODE XDCR 34CE4	273451	EFCS 1	1	27-ECAM
R B ELEV MODE XDCR 34CE4	273451	EFCS 2	1	27-ECAM
R B ELEV POS XDCR 34CE4 COM E1/S1:USE STBY XDCR	273451	EFCS 1	1	27-ECAM
R B ELEV POS XDCR 34CE4 COM E1/S1:USE STBY	273451	EFCS 2	1	27-ECAM
XDCR R B ELEV SERVO VLV 34CE4 R B ELEV SERVO VLV 34CE4 R CADENSICON 19QT2 R CADENSICON 19QT2 R ELEV POS MON XDCR OF ELAC1/SEC1	273451	FFCS 1	1	27-FCAM
P R FLEV SERVO VLV 340E4	273451	FFCS 2	1	27-FCAM
P CADENSTON 19012	284216	FIIFI	3	28-CENS
P CADENSICON 19012	284216	FIIFI	3	28-0BSV
R ELEV POS MON XDCR OF ELAC1/SEC1	273/51	EFCS 1	1	27-FCAM
R ELEV POS MON XDCR OF ELACT/SECT		EFCS 2		27-ECAM
R ELEV POS MON XDCR OF ELAC2 / SEC2		EFCS 1		27-ECAM
R ELEV POS MON XDCR OF ELAC2 / SEC2		EFCS 2	1	27-ECAM
R FIXED WINDOW		WHC 2	1	30-ECAM
R FIXED WINDOW SENSOR		WHC 2		30-ECAM
R FLP DISC PROX SNSR 38CV		LGCIU 1		32-ECAM
R FLP DISC PROX SNSR 40CV		LGCIU 2		32-ECAM
R G AIL MODE VLV 33CE2		EFCS 1	1	27-ECAM
R G AIL MODE VLV 33CE2		EFCS 2	1	27-ECAM
R G AIL MODE VLV 33CE2 R G AIL MODE XDCR 33CE2 OR INPUT OF ELAC1	271451			27-ECAM
R G AIL MODE XDCR 33CE2 OR INPUT OF ELACT		EFCS 2		27-ECAM
R G AIL MODE ADOR 33CE2 OR INPOT OF ELACT		EFCS 2		27-ECAM
R G AIL POS XDCR 33CE2		EFCS 2		27-ECAM
N W MIL FUS ANUN SSUEZ	£1 143 l	EFUS Z	1	ZI-ECAM

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**I-CFDS** 

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CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
R G AIL SERVO VLV 33CE2 R G AIL SERVO VLV 33CE2	271451	EFCS 1	1	27-ECAM
R G AIL SERVO VLV 33CE2	271451	EFCS 2	1	
R G AIL SERVO VLV 33CE2 OR OUTPUT FROM ELAC1	271451	EFCS 1	1	27-ECAM
R G AIL SERVO VLV 33CE2 OR OUTPUT FROM ELAC1	271451	EFCS 2	1	27-ECAM
R G AIL SERVO VLV 33CE2 OR OUTPUT FROM ELAC1 R L/G DNLK PROX SNSR 14GA R L/G DNLK PROX SNSR 14GA TGT POS R L/G DNLK PROX SNSR 16GA R L/G DNLK PROX SNSR 16GA TGT POS R L/G DOOR CLOSED PROX SNSR 26GA R L/G DOOR CLOSED PROX SNSR 26GA TGT POS R L/G DOOR CLOSED PROX SNSR 26GA TGT POS R L/G DOOR CLOSED PROX SNSR 28GA R L/G DOOR CLOSED PROX SNSR 28GA R L/G DOOR CLOSED PROX SNSR 28GA TGT POS R L/G DOOR CLOSED PROX SNSR 28GA TGT POS R L/G DOOR OPEN PROX SNSR 32GA R L/G DOOR OPEN PROX SNSR 32GA TGT POS R L/G DOOR OPEN PROX SNSR 34GA R L/G DOOR OPEN PROX SNSR 34GA R L/G DOOR OPEN PROX SNSR 34GA R L/G EXT PROX SNSR 20GA	323173	LGCIU 1	1	32-ECAM
R L/G DNLK PROX SNSR 14GA TGT POS	323173	LGCIU 1	1	32-ECAM
R L/G DNLK PROX SNSR 16GA	323173	LGCIU 2	1	32-ECAM
R L/G DNLK PROX SNSR 16GA TGT POS	323173	LGCIU 2	1	32-ECAM
R L/G DOOR CLOSED PROX SNSR 26GA	323173	LGCIU 1	1	32-ECAM
R L/G DOOR CLOSED PROX SNSR 26GA TGT POS	323173	LGCIU 1	1	32-CFDS
R L/G DOOR CLOSED PROX SNSR 26GA TGT POS	323173	LGCIU 1	1	32-ECAM
R L/G DOOR CLOSED PROX SNSR 28GA	323173	LGCIU 2	1	32-ECAM
R L/G DOOR CLOSED PROX SNSR 28GA TGT POS	323173	LGCIU 2	1	32-CFDS
R L/G DOOR CLOSED PROX SNSR 28GA TGT POS	323173	LGCIU 2	1	32-ECAM
R L/G DOOR OPEN PROX SNSR 32GA	323173	LGCIU 1	1	32-ECAM
R L/G DOOR OPEN PROX SNSR 32GA TGT POS	323173	LGCIU 1	1	32-ECAM
R L/G DOOR OPEN PROX SNSR 34GA	323173	LGCIU 2	1	32-ECAM
R L/G DOOR OPEN PROX SNSR 34GA TGT POS	323173	LGCIU 2	1	32-ECAM
R L/G EXT PROX SNSR 20GA	323173	LGCIU 1	1	27-ECAM
R L/G EXT PROX SNSR 20GA	323173	LGCIU 1	1	30-ECAM
R I/G FXT PROX SNSR 20GA	323173	LGCTU 1	1	32-ECAM
R L/G EXT PROX SNSR 20GA	323173	LGCTU 1	1	77-ECAM
R L/G EXT PROX SNSR 20GA TGT POS	323173	LGCTU 1	1	27-ECAM
R L/G EXT PROX SNSR 20GA TGT POS	323173	LGCTU 1	1	32-ECAM
R L/G EXT PROX SNSR 20GA TGT POS	323173	LGCTU 1	1	32-0BSV
R L/G EXT PROX SNSR 20GA TGT POS	323173	I GCTII 1	1	77-ECAM
R L/G EXT PROX SNSR 22GA	323173	LECTU 2	1	27-ECAM
R L/G EXT PROX SNSR 22GA	323173	LECTH 2	1	30-ECAM
R I/G EXT PROX SNSR 22GA	323173	I GCTU 2	1	32-ECAM
PI/G FYT PPNY SNSP 22GA	323173	LGCTU 2	1	77-ECAM
PI/G EXT PROX SNSR ZZGA	323173	I GCTU 2	1	27-ECAM
DI/G EXT DDDY SNSD 22GA TGT DOS	323173	LGCTU 2	1	30-ECAM
DI/G EXT DDAY SNSD 22GA TGT DAS	323173	LGCTU 2	1	32-ECAM
DI/G EXT DDAY SNSD 22GA TGT DAS	323173	LGCTU 2	1	32-0BSV
R L/G DOOR OPEN PROX SNSR 34GA TGT POS R L/G EXT PROX SNSR 20GA TGT POS R L/G EXT PROX SNSR 22GA TGT POS	323173	LGCIU 2	1	
R L/G UPLK PROX SNSR OBGA TGT POS	323173	LGCIU 1	1	32-ECAM
R L/G UPLK PROX SNSR 10GA		LGCIU 2		32-ECAM
R L/G UPLK PROX SNSR 10GA TGT POS		LGCIU 2		32-ECAM
		LGCIU 1		
R L/G UPLK PROX SNSR 8GA R QTY PROBE 21QT2	284215		1 3	32-ECAM 28-CFDS
R QTY PROBE 21Q12	284215		3	
R QTY PROBE 21QT2/WRG				28-0BSV
	284215		3	28-CFDS
R QTY PROBE 23QT2	284215		3	28-CFDS
R QTY PROBE 23QT2	284215		3	28-0BSV
R QTY PROBE 23QT2/WRG	284215		3	28-CFDS
R QTY PROBE 24QT2	284215		3	28-CFDS
R QTY PROBE 24QT2	284215		3	28-0BSV
R QTY PROBE 25QT2	284215	FUEL	3	28-CFDS

EFF: ALL

**I-CFDS** 

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FDS MESSAGES	ATA SOURCE	CLASS	CH-PB101
QTY PROBE 25QT2	284215 FUEL	3	28-0BSV
QTY PROBE 25QT2/WRG	284215 FUEL	3	28-CFDS
QTY PROBE 26QT2	284215 FUEL	3	28-CFDS
QTY PROBE 26QT2	284215 FUEL	3	28-0BSV
QTY PROBE 26QT2/WRG	284215 FUEL	3	28-CFDS
QTY PROBE 27QT2	284215 FUEL	3	28-CFDS
QTY PROBE 27QT2	284215 FUEL	3	28-0BSV
QTY PROBE 27QT2/WRG	284215 FUEL	3	28-CFDS
QTY PROBE 28QT2	284215 FUEL	3	28-CFDS
QTY PROBE 28QT2	284215 FUEL	3	28-0BSV
QTY PROBE 28QT2/WRG	284215 FUEL	3	28-CFDS
QTY PROBE 29QT2	284215 FUEL	3	28-CFDS
QTY PROBE 29QT2	284215 FUEL	3	28-0BSV
QTY PROBE 29QT2/WRG	284215 FUEL	3	28-CFDS
QTY PROBE 30QT2	284215 FUEL	3	28-CFDS
QTY PROBE 30QT2	284215 FUEL	3	28-0BSV
QTY PROBE 30QT2/WRG	284215 FUEL	3	28-CFDS
QTY PROBE 31QT2	284215 FUEL	3	28-CFDS
QTY PROBE 31QT2	284215 FUEL	3	28-0BSV
QTY PROBE 32QT2	284215 FUEL	3	28-CFDS
QTY PROBE 32QT2	284215 FUEL	3	28-0BSV
QTY PROBE 34QT2	284215 FUEL	3	28-CFDS
QTY PROBE 34QT2/WRG	284215 FUEL	3	28-CFDS
QTY PROBE 54QT2	284215 FUEL	3	28-CFDS
QTY PROBE 54QT2/WRG	284215 FUEL	3	28-CFDS
QTY PROBE 56QT2	284215 FUEL	3	28-CFDS
QTY PROBE 56QT2/WRG	284215 FUEL	3	28-CFDS
QTY PROBE 59QT2	284215 FUEL	3	28-CFDS
QTY PROBE 59QT2/WRG	284215 FUEL	3	28-CFDS
QTY PROBE 60QT2	284215 FUEL	3	28-CFDS
QTY PROBE 60QT2/WRG	284215 FUEL	3	28-CFDS
QTY PROBE 61QT2	284215 FUEL	3	28-CFDS
QTY PROBE 61QT2/WRG	284215 FUEL		28-CFDS
SLIDING WINDOW	561200 WHC 2	1	30-ECAM
SLIDING WINDOW SENSOR	561200 WHC 2	1	30-ECAM
SLPR5 POS XDCR 31CE10	276451 EFCS 2	1	27-ECAM
SPLR1 POS ERROR 31CE2	276451 EFCS 1	1	27-ECAM
SPLR1 POS ERROR 31CE2	276451 EFCS 2	1	27-ECAM
SPLR1 POS XDCR 31CE2	276451 EFCS 1	1	27-ECAM
SPLR1 POS XDCR 31CE2	276451 EFCS 2	1	27-ECAM
SPLR1 SERVO VLV 31CE2 OR OUTPUT FROM SEC3		1	27-ECAM
SPLR1 SERVO VLV 31CE2 OR OUTPUT FROM SEC3		1	27-ECAM
SPLR2 POS ERROR 31CE4	276451 EFCS 1	1	27-ECAM
SPLR2 POS ERROR 31CE4	276451 EFCS 2	1	27-ECAM
SPLR2 POS XDCR 31CE4	276451 EFCS 1	1	27-ECAM
SPLR2 POS XDCR 31CE4	276451 EFCS 2	1	27-ECAM
SPLR2 SERVO VLV 31CE4 OR OUTPUT FROM SEC3		1	27-ECAM
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EFF: ALL

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**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
R SPLR3 POS ERROR 31CE6 R SPLR3 POS ERROR 31CE6 R SPLR3 POS XDCR 31CE6 R SPLR3 POS XDCR 31CE6	276451	EFCS 1	1	27-ECAM
R SPLR3 POS ERROR 31CE6	276451		1	27-ECAM
R SPLR3 POS XDCR 31CE6		EFCS 1		27-ECAM
		EFCS 2		27-ECAM
R SPLR3 SERVO VLV 31CE6 OR OUTPUT FROM SEC1				27-ECAM
R SPLR3 SERVO VLV 31CE6 OR OUTPUT FROM SEC1				27-ECAM
R SPLR4 POS ERROR 31CE8		EFCS 1		27-ECAM
R SPLR4 POS ERROR 31CE8		EFCS 2		27-ECAM
R SPLR4 POS XDCR 31CE8		EFCS 1		27-ECAM
R SPLR4 POS XDCR 31CE8	276451		1	27-ECAM
R SPLR4 SERVO VLV 31CE8 OR OUTPUT FROM SEC1			1	27-ECAM
R SPLR4 SERVO VLV 31CE8 OR OUTPUT FROM SEC1			1	27-ECAM
R SPLR5 POS ERROR 31CE10		EFCS 1	1	27-ECAM
R SPLR5 POS ERROR 31CE10	276451		1	27-ECAM
R SPLR5 POS XDCR 31CE10		EFCS 1		27-ECAM
R SPLR5 SERVO VLV 31CE10 OR OUTPUT FROM SEC2				27-ECAM
R SPLR5 SERVO VLV 31CE10 OR OUTPUT FROM SEC2	276451	EFCS 2	1	27-ECAM
R STATIC PROBE 8DA1	341116	PHC 1	1	30-ECAM
R STATIC PROBE 8DA2	341116	PHC 2		30-ECAM
R STATIC PROBE 8DA3	341116	PHC 3	1	30-ECAM
R THROTTLE CTL UNIT 8KS2	732500	EFCS 1	1	27-ECAM
R THROTTLE CTL UNIT 8KS2	732500	EFCS 2	1	27-ECAM
R ULTRACOMP 52QT/WRG	284248	FUEL	3	28-CFDS
R SPLR5 SERVO VLV 31CE1U OR OUTPUT FROM SEC2 R STATIC PROBE 8DA1 R STATIC PROBE 8DA2 R STATIC PROBE 8DA3 R THROTTLE CTL UNIT 8KS2 R THROTTLE CTL UNIT 8KS2 R ULTRACOMP 52QT/WRG R WAI VALVE R WAI VALVE R WINDSHIELD R WINDSHIELD SENSOR R WING LOOP A R WING LOOP A INOP R WING LOOP B R WING LOOP B INOP R Y ELEV MODE VLV 34CE2 R Y ELEV MODE XDCR 34CE2 R Y ELEV MODE XDCR 34CE2	301151	TEMPCTL	1	30-CFDS
R WAI VALVE	301151	TEMPCTL		30-ECAM
R WINDSHIELD	561000	WHC 2		30-ECAM
R WINDSHIELD SENSOR	561000	WHC 2	1	30-ECAM
R WING LOOP A	362216	BMC 1		36-ECAM
R WING LOOP A INOP	362216	BMC 1		36-ECAM
R WING LOOP B	362216	BMC 2		36-ECAM
R WING LOOP B INOP	362216	BMC 2		36-ECAM
R Y ELEV MODE VLV 34CE2	273451	EFCS 1	1	27-ECAM
R Y ELEV MODE VLV 34CE2	273451	EFCS 2	1	27-ECAM
R Y ELEV MODE XDCR 34CE2	273451	EFCS 1		27-ECAM
R Y ELEV MODE XDCR 34CE2	273451	EFCS 2	1	27-ECAM
R Y ELEV POS XDCR 34CE2 COM E2/S2:USE STBY	273451	EFCS 1	1	27-ECAM
R Y ELEV POS XDCR 34CE2 COM E2/S2:USE STBY XDCR	273451	EFCS 2	1	27-ECAM
R Y ELEV SERVO VLV 34CE2	273451	EFCS 1	1	27-ECAM
R Y ELEV SERVO VLV 34CE2				27-ECAM
RAC VLV (BLD), HMU ENG1A	752110	EIU1FAD	1	75-CFDS
RAC VLV (BLD), HMU ENG1A	752110	EIU1FAD	1	77-ECAM
RAC VLV (BLD), HMU ENG1A	752110	EIU2FAD	1	75-CFDS
RAC VLV (BLD), HMU ENG1A	752110	EIU2FAD	1	77-ECAM
RAC VLV (BLD), HMU ENG1B				75-CFDS
·				
RAC VLV (BLD), HMU ENG1B	752110	EIUIFAD	- 1	//-ECAM

EFF:

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**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
RAC VLV (BLD), HMU ENG2B		EIU2FAD		77-ECAM
RAC VLV, HMU ENG1A		EIU1FAD		77-ECAM
RAC VLV, HMU ENG1A		EIU1FAD		77-ECAM
RAC VLV, HMU ENG1B		EIU1FAD		77-ECAM
RAC VLV, HMU ENG1B		EIU1FAD		77-ECAM
RAC VLV, HMU ENG2A		EIU2FAD		77-ECAM
RAC VLV, HMU ENG2A		EIU2FAD		77-ECAM
RAC VLV, HMU ENG2B		EIU2FAD		77-ECAM
RAC VLV, HMU ENG2B		EIU2FAD		77-ECAM
RAC VLV, J11, ECU		EIU1FAD		75-CFDS
RAC VLV, J11, ECU		EIU1FAD		77-ECAM
RAC VLV, J11, ECU		EIU1FAD		77-ECAM
RAC VLV, J11, ECU		EIU2FAD		75-CFDS
RAC VLV, J11, ECU		EIU2FAD		77-ECAM
AC VLV, J11, ECU		EIU2FAD		77-ECAM
AC VLV, J12, ECU		EIU1FAD		75-CFDS
AC VLV, J12, ECU		EIU1FAD		77-ECAM
AC VLV, J12, ECU		EIU1FAD		77-ECAM
AC VLV, J12, ECU		EIU2FAD		75-CFDS
AC VLV, J12, ECU		EIU2FAD		77-ECAM
AC VLV, J12, ECU		EIU2FAD		77-ECAM
ADAR1 ANTENNA	344111	RADAR 1	1	34-EFIS
ADAR1 CONTROL UNIT	344112	RADAR 1	1	34-EFIS
ADAR1 MOUNTING TRAY	344137	RADAR 1	1	34-CFDS
ADAR1 NO DATA FROM ADIRU	341234	RADAR 1	1	27-ECAM
ADAR1 NO DATA FROM ADIRU	341234	RADAR 1	1	34-ECAM
ADAR1 NO DATA FROM ADIRU	341234	RADAR 1		
ADAR1 NO DATA FROM CFDIU	313234	RADAR 1	2	31-CFDS
ADAR1 NO DATA FROM CFDIU	313234	RADAR 1	2	31-ECAM
ADAR1 NO DATA FROM EFIS1 PANEL	228112	RADAR 1	1	34-EFIS
ADIO ALTM1 NO DATA FROM CFDIU	313234	RA 1	2	31-CFDS
ADIO ALTM1 NO DATA FROM CFDIU	313234	RA 1	2	31-ECAM
ADIO ALTM2 NO DATA FROM CFDIU	313234	RA 2	2	31-CFDS 31-ECAM 31-CFDS
ADIO ALTM2 NO DATA FROM CFDIU	313234	RA Z	2	31-ELAM
A1	344233	EFCS 1	2	27-ECAM
A1	344233	EFCS 2	2	27-ECAM
A1 (1SA1)/GPWC (1WZ)	344233	GPWC	1	34-ECAM
A1 (2SA1)+RA2 (2SA2)/ WXR1 (1SQ1)	344233	RADAR 1	1	34-ECAM
A1 (2SA1)+RA2 (2SA2)/ WXR2 (1SQ2)	344233	RADAR 2	1	34-ECAM
A1 (2SA1)/TCAS (1SG)	344233	TCAS	1	34-CFDS
A1 (2SA1)/TCAS (1SG)	344233	TCAS	3	34-CFDS
A1 (2SA1)/TCAS (100SG)	344233	TCAS	1	34-CFDS
A1 (2SA1)/TCAS (100SG)	344233	TCAS	3	34-CFDS
A1 (2SA1)/WXR1 (1SQ1)	344233	RADAR 1	3	34-CFDS
A1 (2SA1)/WXR2 (1SQ2)	344233	RADAR 2	3	34-CFDS
A1 OR BUS TO ELAC1	344233	EFCS 1	2	27-ECAM
A1 OR BUS TO ELAC1		EFCS 2	2	27-ECAM
A1 OR BUS TO ELAC2		EFCS 1	2	27-ECAM

EFF: ALL

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB10
RA1 OR BUS TO ELAC2	344233	EFCS 2	2	27-ECAM
RA1(1SA1)/GPWC(100SG)		GPWC	1	34-ECAM
RA1(2SA1)/GPWC(100SG)		GPWC		34-ECAM
RA2	344233	EFCS 1	2	27-ECAM
RA2	344233	EFCS 2	2	27-ECAM
RA2 (2SA2)/TCAS (1SG)	344233	TCAS	1	34-CFDS
RA2 (2SA2)/TCAS (1SG)	344233	TCAS	3	34-CFDS
RA2 (2SA2)/TCAS (100SG)	344233	TCAS	1	34-CFDS
RA2 (2SA2)/TCAS (1SG) RA2 (2SA2)/TCAS (10OSG) RA2 (2SA2)/TCAS (10OSG) RA2 (2SA2)/WXR1 (1SQ1) RA2 (2SA2)/WXR2 (1SQ2) RA2 OR BUS TO ELAC1 RA2 OR BUS TO ELAC1 RA2 OR BUS TO ELAC2 RA2 OR BUS TO ELAC2 RA2 OR BUS TO ELAC2 RADG LIGHT PCB SR: XX RECIRC FAN 1 AND 2 OR SPLY RECIRC FAN 1 AND 2 OR SPLY RECIRC FAN 1 OR SPLY RECIRC FAN 2 OR SPLY RECIRC FAN 2 OR SPLY	344233	TCAS TCAS TCAS	3	34-CFDS
RA2 (2SA2)/WXR1 (1SQ1)	344233	RADAR 1	3	34-CFDS
RA2 (2SA2)/WXR2 (1SQ2)		RADAR 2	3	34-CFDS
RA2 OR BUS TO ELAC1	344233	EFCS 1	2	27-ECAM
RA2 OR BUS TO ELAC1	344233	EFCS 2	2	27-ECAM
RA2 OR BUS TO ELAC2	344233	EFCS 1	2	27-ECAM
RA2 OR BUS TO ELAC2	344233	EFCS 2	2	27-ECAM
RDG LIGHT PCB SR: XX	237338	CIDS 1	3	23-CFDS
RDG   TGHT SR: XX		CIDS 1		23-CFDS
RECTRO FAN 1 AND 2 OR SPLY		TEMPCTL		21-ECAM
RECTRO FAN 1 AND 2 OR SPLY		TEMPCTL		21-CFDS
RECTRO FAN 1 OR SPLY		TEMPCTL		21-CFDS
RECTRO FAN 2 OR SPLY	_	TEMPCTL		21-CFDS
REF SPEED ADJUST				32-CFDS
REF SPEED ADJUST	324200	BSCU 1 BSCU 2	3	32-CFDS
REG-PRESS XDCR 8HA1	361116	BMC 1	2	36-ECAM
REG-PRESS XDCR 8HA1	361116	BMC 1	3	36-CFDS
REG-PRESS XDCR 8HA1		BMC 2		36-ECAM
REG-PRESS XDCR 8HA2		BMC 1		36-ECAM
REG-PRESS XDCR 8HA2		BMC 2		36-ECAM
REG-PRESS XDCR 8HA2		BMC 2		36-CFDS
RELAY 31XE/BCL1 CIRCUIT		BCL 1		24-CFDS
RELAY 31XE/BCL2 CIRCUIT		BCL 2		24-CFDS
RELAYS 15XC OR 16XC/ BCL1 CIRCUIT		BCL 2		24-CFDS
RELAYS 15XC OR 16XC/ BCL2 CIRCUIT		BCL 2		24-CFDS
REVERSE FLOW	ASD	APU	*	
RH FLP APPU 30CV OR WIRING TO FLP 1		SFCC 1		
RH FLP APPU 30CV OR WIRING TO FLP 1		SFCC 1	1	27-0BSV
RH FLP APPU 30CV OR WIRING TO FLP T		SFCC 2	1	27-063V
RH FLP APPU 30CV OR WIRING TO FLP 2		SFCC 2	1	27-ECAM 27-0BSV
RH SLT APPU 32CV OR WIRING TO SLT 1		SFCC 1	1	27-063V 27-ECAM
		SFCC 1	-	
RH SLT APPU 32CV OR WIRING TO SLT 1 RH SLT APPU 32CV OR WIRING TO SLT 2		SFCC 2	1	27-0BSV
			1	27-ECAM
RH SLT APPU 32CV OR WIRING TO SLT 2		SFCC 2	1	27-0BSV
RLY (27KS1/28KS1)		EIU1FAD	1	27-CFDS
RLY (27KS1/28KS1)		EIU1FAD	1	77-ECAM
RLY (27KS1/28KS1) ENG1A		EIU1FAD	2	27-CFDS
RLY (27KS1/28KS1) ENG1A		EIU1FAD	2	77-ECAM
RLY (27KS1/28KS1) ENG1B		EIU1FAD		27-CFDS
RLY (27KS1/28KS1) ENG1B	279200	EIU1FAD	2	77-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
 RLY (27KS2/28KS2)	279200	EIU2FAD	1	27-CFDS
RLY (27KS2/28KS2)	279200	EIU2FAD	1	77-ECAM
RLY (27KS2/28KS2) ENG2A	279200	EIU2FAD	2	27-CFDS
RLY (27KS2/28KS2) ENG2A	279200	EIU2FAD	2	77-ECAM
RLY (27KS2/28KS2) ENG2B		EIU2FAD		27-CFDS
RLY (27KS2/28KS2) ENG2B		EIU2FAD		77-ECAM
RLY (4XS)/GLC APU GEN (3XS)/GAPCU (24XG)			1	24-ECAM
RMP 1/2/3 (1RG1/2/3)/ ACARS MU(1RB)/VHF3(1RC3)			3	23-CFDS
RMP1 : NO DATA FROM CFDIU		RMP 123	2	31-CFDS
RMP1 : NO DATA FROM CFDIU		RMP 123	2	31-ECAM
RMP1 : NO DATA FROM FMGC1		RMP 123	2	22-CFDS
RMP1 : NO DATA FROM RMP1		RMP 123	1	23-CFDS
RMP1 : NO DATA FROM RMP1		RMP 123	1	23-0BSV
RMP1 : NO DATA FROM RMP2		RMP 123	1	23-CFDS
RMP1 : NO DATA FROM RMP2		RMP 123	1	23-0BSV
RMP1(1RG1)		RMP 123	1	23-063V 23-CFDS
RMP1(1RG1)		RMP 123		23-0F03 23-0BSV
		RMP 123		
RMP1(1RG1)/RMP2(1RG2)				23-CFDS
RMP1(1RG1)/RMP2(1RG2)		RMP 123		23-0BSV
RMP1(1RG1)/RMP3(1RG3)		RMP 123		23-CFDS
RMP1(1RG1)/RMP3(1RG3)		RMP 123	1	23-0BSV
RMP1/2/3 (1RG1/2/3) VHF2 (1RC2)	231313		1	23-CFDS
RMP1/2/3 (1RG1/2/3)/ HF1 (3RE1)	231313		1	23-CFDS
RMP1/2/3 (1RG1/2/3)/ VHF1 (1RC1)	231313		1	23-CFDS
RMP1/2/3 (1RG1/2/3)/ VHF3 (1RC3)	231313		1	23-CFDS
RMP2 : NO DATA FROM FMGC2		RMP 123	2	22-CFDS
RMP2 : NO DATA FROM RMP1		RMP 123	1	23-CFDS
RMP2 : NO DATA FROM RMP1		RMP 123	1	23-0BSV
RMP2 : NO DATA FROM RMP2		RMP 123	1	23-CFDS
RMP2 : NO DATA FROM RMP2		RMP 123	1	23-0BSV
RMP2(1RG2)		RMP 123	1	23-CFDS
RMP2(1RG2)	231313	RMP 123	1	23-0BSV
RMP2(1RG2)/RMP1(1RG1)	231313	RMP 123	1	23-CFDS
RMP2(1RG2)/RMP1(1RG1)	231313	RMP 123	1	23-0BSV
RMP2(1RG2)/RMP3(1RG3)	231313	RMP 123	1	23-CFDS
RMP2(1RG2)/RMP3(1RG3)	231313	RMP 123	1	23-0BSV
RMP3(1RG3)	231313	RMP 123	1	23-CFDS
RMP3(1RG3)	231313	RMP 123	1	23-0BSV
RMP3(1RG3)/RMP1(1RG1)		RMP 123		23-CFDS
RMP3(1RG3)/RMP1(1RG1)		RMP 123		23-0BSV
RMP3(1RG3)/RMP2(1RG2)		RMP 123		23-CFDS
RMP3(1RG3)/RMP2(1RG2)		RMP 123		23-0BSV
RTS LAMP LAV: X		CIDS 1	3	23-CFDS
RTS-SIGN <appl. area=""> LAV X</appl.>		CIDS 1	3	23-CFDS
SAR MEMORY FAILURE	313634		2	31-ECAM
SAV (SOL), J10, ECU		EIU1FAD		77-ECAM
SAV (SOL), J10, ECU		EIU1FAD		77-ECAM
SAV (SOL), J10, ECU		EIU2FAD		77-ECAM
SAV (SUL/, SIU, ECU	001120	EIOTLAD	۷	II-ECAM

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**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
AV (SOL), J9, ECU  AV (SOL), J9, ECU  AV (SOL), J9, ECU  AV (SOL), J9, ECU  AV (SW), J9/J10, ECU ENG1A  AV (SW), J9/J10, ECU ENG2A  AV (SW), J9/J10, ECU ENG2B  AV (SW), J9/J10, ECU* ENG1B  AV (SW), J9/J10, ECU* ENG1B  AV (SW), J9/J10, ECU* ENG2B  AV (SW), J9/J10, ECU* ENG1B  AV (SW), J9/J10, ECU* ENG2B   801120	EIU1FAD	1	77-ECAM	
SAV (SOL), J9, ECU		EIU1FAD		77-ECAM
SAV (SOL), J9, ECU		EIU2FAD		77-ECAM
AV (SOL), J9, ECU		EIU2FAD		77-ECAM
AV (SW), J9/J10, ECU ENG1A		EIU1FAD		80-CFDS
AV (SW), J9/J10, ECU ENG1B		EIU1FAD		80-CFDS
AV (SW), J9/J10, ECU ENG2A		EIU2FAD		80-CFDS
AV (SW), J9/J10, ECU ENG2B		EIU2FAD		80-CFDS
AV (SW), J9/J10, ECU* ENG1A		EIU1FAD		80-CFDS
AV (SW), J9/J10, ECU* ENG1B		EIU1FAD		80-CFDS
AV (SW), J9/J10, ECU* ENG2A		EIU2FAD		80-CFDS
AV (SW), J9/J10, ECU* ENG2B		EIU2FAD		80-CFDS
,	801120	EIU2FAD	1	77-ECAM
CU INOP	233634	CIDS 1	3	23-CFDS
CU INOP CV (8058KM) / PRESS XDCRS (8043KM)/(8044KM) CV P18 / PRESS XDCR P24 / PRESS XDCR P23 DAC1 DAC1 DAC1 DAC1 DAC1	233634	CIDS 2	3	23-CFDS
CV (8058KM) / PRESS XDCRS (8043KM)/(8044KM) CV P18 / PRESS XDCR P24 / PRESS XDCR P23  DAC1  DAC1  DAC1  DAC1  DAC1 (1WV1) / DMU (1TV)  DAC1 (1WV1) / FDIMU (10TV)  DAC1 (1WV1) / ACARS MU (1RB)  DAC1 (1WV1)/ DIR1 (101RH)  DAC1 : ACCELEROMETER 6TU  DAC1 - R HVD RPESS YMTD 2065GN	495152	APU	1	49-ECAM
CV P18 / PRESS XDCR P24 / PRESS XDCR P23	495152	APU	1	49-ECAM
DAC1	315534	ECAM 1	1	31-ECAM
DAC1	315534	ECAM 1	3	31-CFDS
DAC1	315534	ECAM 2	1	31-ECAM
DAC1	315534	ECAM 2	3	31-CFDS
DAC1 (1WV1) / DMU (1TV)	315534	DMU		31-CFDS
DAC1 (1WV1) / FDIMU (10TV)	315534	DMU	3	31-CFDS
DAC1 (1WV1)/ ACARS MU (1RB)	315534	ACARSMU	3	31-CFDS
DAC1 (1WV1)/ DIR1 (101RH)	315534	CIDS 1 ECAM 1	3	31-CFDS
DAC1 : ACCELEROMETER 6TU	313316	ECAM 1	3	31-CFDS
DAC1 : ACCELEROMETER 6TU	414416	⊢I'ΛM J	4	31-CFDS
DAC1 : ACCELEROMETER 6TU DAC1 : B HYD PRESS XMTR 2065GN DAC1 : B HYD PRESS XMTR 2065GN	293211	ECAM 1 ECAM 1 ECAM 2 ECAM 2 ECAM 1 ECAM 2 ECAM 1	1	27-ECAM
DAC1 : B HYD PRESS XMTR 2065GN	293211	ECAM 1	1	29-CFDS
DAC1 : B HYD PRESS XMTR 2065GN	293211	ECAM 2	1	27-ECAM
DAC1: B HYD PRESS XMTR 2065GN DAC1: B HYD PRESS XMTR 2065GN DAC1: B HYD QTY IND 2000GQ DAC1: B HYD QTY IND 2000GQ	293211	ECAM 2	1	29-CFDS
DAC1 : B HYD QTY IND 2000GQ	291241	ECAM 1	1	29-CFDS
DAC1: B HYD QTY IND 2000GQ	291241	ECAM 2	1	29-CFDS
DAC1 : B HYD TEMP XMTR 2381GR	293311	ECAM 1	1	29-CFDS
DAC1 : B HYD TEMP XMTR 2381GR	293311	ECAM 2	1	29-CFDS
DAC1 : ENG1 OIL PRESS XMTR 4003EN	793315	ECAM 1	2	77-ECAM
DAC1 : ENG1 OIL PRESS XMTR 4003EN	793315	ECAM 1	2	79-CFDS
DAC1 : ENG1 OIL PRESS XMTR 4003EN	793315	ECAM 1	3	79-CFDS
DAC1 : ENG1 OIL PRESS XMTR 4003EN	793315	ECAM 2	2	77-ECAM
DAC1 : ENG1 OIL PRESS XMTR 4003EN	793315	ECAM 2	2	79-CFDS
DAC1 : ENG1 OIL PRESS XMTR 4003EN		ECAM 2	3	79-CFDS
DAC1 : ENG1 OIL QTY XMTR 4002EN		ECAM 1	3	79-CFDS
DAC1 : ENG1 OIL QTY XMTR 4002EN		ECAM 2	3	79-CFDS
DAC1 : ENG2 OIL PRESS XMTR 4003EN		ECAM 1	2	77-ECAM
DAC1 : ENG2 OIL PRESS XMTR 4003EN		ECAM 1	2	79-CFDS
DAC1 : ENG2 OIL PRESS XMTR 4003EN		ECAM 1	3	79-CFDS
DAC1 : ENG2 OIL PRESS XMTR 4003EN	793315	ECAM 2	2	77-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

FDS MESSAGES	АТА	SOURCE	CLASS	CH-PB101
DAC1: ENG2 OIL PRESS XMTR 4003EN	793315	ECAM 2	3	79-CFDS
DAC1: ENG2 OIL PRESS XMTR 4004EN DAC1: ENG2 OIL PRESS XMTR 4004EN DAC1: ENG2 OIL PRESS XMTR 4004EN	793315	ECAM 1	2	77-ECAM
DAC1: ENG2 OIL PRESS XMTR 4004EN	793315		2	79-CFDS
DAC1: ENG2 OIL PRESS XMTR 4004EN	793315		2	77-ECAM
DAC1 : ENG2 OIL PRESS XMTR 4UU4EN	793315		2	79-CFDS
DAC1: ENG2 OIL QTY XMTR 4002EN	793115	ECAM 1	3	79-CFDS
DAC1 : ENG2 OIL QTY XMTR 4002EN DAC1 : ENG2 OIL QTY XMTR 4002EN DAC1 : G HYD PRESS XMTR 1065GN DAC1 : G HYD QTY IND 1000GQ DAC1 : G HYD QTY IND 1000GQ DAC1 : G HYD TEMP XMTR 1381GR DAC1 : G HYD TEMP XMTR 1381GR DAC1 : GLC EMER CNTOR 2XE DAC1 : LH Y BRK PRESS XDCR 63GG DAC1 : NO CPC1 ANALOG SIGNAL DAC1 : NO CPC1 ANALOG SIGNAL DAC1 : NO CPC1 ANALOG SIGNAL DAC1 : NO DATA FROM ACCC1 DAC1 : NO DATA FROM ACCC1 DAC1 : NO DATA FROM ACSC1 DAC1 : NO DATA FROM ACSC1 DAC1 : NO DATA FROM ACSC1 DAC1 : NO DATA FROM ACSC2 DAC1 : NO DATA FROM ACSC2 DAC1 : NO DATA FROM ACSC2	793115	ECAM 2	3	79-CFDS
DAC1 : G HYD PRESS XMTR 1065GN	293211	ECAM 1	1	27-ECAM
DAC1 : G HYD PRESS XMTR 1065GN	293211	ECAM 1	1	29-CFDS
DAC1 : G HYD PRESS XMTR 1065GN	293211	ECAM 2	1	27-ECAM
DAC1: G HYD PRESS XMTR 1065GN	293211	ECAM 2	1	29-CFDS
SDAC1: G HYD QTY IND 1000GQ	291141	ECAM 1	1	29-CFDS
DAC1: G HYD QTY IND 1000GQ	291141	ECAM 2	1	29-CFDS
DAC1: G HYD TEMP XMTR 1381GR	293311	ECAM 1	1	29-CFDS
DAC1: G HYD TEMP XMTR 1381GR	293311	ECAM 2	1	29-CFDS
DAC1 : GLC EMER CNTOR 2XE	242455	ECAM 1	1	24-CFDS
DAC1 : GLC EMER CNTOR 2XE	242455	ECAM 1	1	24-ECAM
DAC1 : GLC EMER CNTOR 2XE	242455	ECAM 2	1	24-CFDS
DAC1 : GLC EMER CNTOR 2XE	242455	ECAM 2	1	24-ECAM
DAC1 : LH Y BRK PRESS XDCR 63GG	324418	ECAM 1	1	32-CFDS
DAC1 : LH Y BRK PRESS XDCR 63GG	324418	ECAM 1	1	32-LOCAL
DAC1 : LH Y BRK PRESS XDCR 63GG	324418	ECAM 2	1	32-CFDS
DAC1 : LH Y BRK PRESS XDCR 63GG	324418	ECAM 2	1	32-LOCAL
DAC1 : NO CPC1 ANALOG SIGNAL	213134	ECAM 1	1	21-CFDS
DAC1 : NO CPC1 ANALOG SIGNAL	213134	ECAM 1	1	21-ECAM
DAC1 : NO CPC1 ANALOG SIGNAL	213134	ECAM 2	1	21-CFDS
DAC1 : NO CPC1 ANALOG SIGNAL	213134	ECAM 2	1	21-ECAM
DAC1 : NO DATA FROM ACHC	214334	ECAM 1	1	21-CFDS
DAC1 : NO DATA FROM ACHC	214334	ECAM 2	1	21-CFDS
DAC1 : NO DATA FROM ACSC1	216134	ECAM 1	1	21-CFDS
DAC1 : NO DATA FROM ACSC1	216134	ECAM 1	1	21-ECAM
DAC1 : NO DATA FROM ACSC1	216134	ECAM 2	1	21-CFDS
DAC1 : NO DATA FROM ACSC1	216134	ECAM 2	1	21-ECAM
DAC1 : NO DATA FROM ACSC2	216134	ECAM 1	1	21-CFDS
DAC1 : NO DATA FROM ACSC2	216134	ECAM 1	1	21-ECAM
DAC1 : NO DATA FROM ACSC2	216134	ECAM 2	1	21-CFDS
DAC1 : NO DATA FROM BCL1		ECAM 1	1	24-CFDS
DAC1 : NO DATA FROM BCL1	243834	ECAM 1	1	24-ECAM
DAC1 : NO DATA FROM BCL1	243834	ECAM 2	1	24-CFDS
DAC1 : NO DATA FROM BCL1	243834	ECAM 2	1	24-ECAM
DAC1: NO DATA FROM BCL2	243834	ECAM 1	1	24-CFDS
DAC1 : NO DATA FROM BCL2	243834	ECAM 1	1	24-ECAM
DAC1 : NO DATA FROM BCL2	243834	ECAM 2	1	24-CFDS
DAC1 : NO DATA FROM BCL2	243834	ECAM 2	1	24-ECAM
DAC1 : NO DATA FROM BMC1	361134	ECAM 1	3	36-CFDS
DAC1 : NO DATA FROM BMC1	361134	ECAM 2	3	36-CFDS
DAC1 : NO DATA FROM BMC1+2	361134		1	36-CFDS
DAC1 : NO DATA FROM BMC1+2	361134		1	36-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

FDS ME	SSA	GES			ATA	SOURCE	CLASS	CH-PB101
				BMC1+2		ECAM 2	1	36-CFDS
DAC1:				BMC1+2		ECAM 2	1	36-ECAM
DAC1:		DATA				ECAM 1	3	36-CFDS
DAC1:		DATA				ECAM 2	3	36-CFDS
DAC1:				BSCU1		ECAM 1	1	32-CFDS
DAC1:				BSCU1		ECAM 1	1	32-ECAM
DAC1:				BSCU1		ECAM 2	1	32-CFDS
DAC1:				BSCU1		ECAM 2	1	32-ECAM
DAC1:				BSCU1		ECAM 1	1	32-CFDS
DAC1:				BSCU1		ECAM 1	1	32-ECAM
DAC1:				BSCU1		ECAM 2	1	32-CFDS
DAC1:				BSCU1		ECAM 2	1	32-ECAM
DAC1:				BSCU1+2		ECAM 1	1	32-CFDS
DAC1:				BSCU1+2		ECAM 2	1	32-CFDS
DAC1:				BSCU1+2		ECAM 1	1	32-CFDS
DAC1:				BSCU1+2		ECAM 2	1	32-CFDS
DAC1:				BSCU2		ECAM 1	3	32-CFDS
DAC1:				BSCU2		ECAM 2	3	32-CFDS
DAC1:		DATA				ECAM 1	1	21-CFDS
DAC1:		DATA				ECAM 2	1	21-CFDS
DAC1:	NO	DATA	FROM	CPC2	213134	ECAM 1	1	21-CFDS
DAC1:	NO	DATA	FROM	CPC2	213134	ECAM 2	1	21-CFDS
DAC1:	NO	DATA	FROM	ECB	496134	ECAM 1	2	49-CFDS
DAC1:	NO	DATA	FROM	ECB	496134	ECAM 2	2	49-CFDS
DAC1:	NO	DATA	FROM	ECS1	216334	ECAM 1	3	21-CFDS
DAC1:	NO	DATA	FROM	ECS1	216334	ECAM 2	3	21-CFDS
DAC1:	NO	DATA	FROM	ECS1+2	216334	ECAM 1	1	21-CFDS
DAC1:	NO	DATA	FROM	ECS1+2	216334	ECAM 2	1	21-CFDS
DAC1:		DATA				ECAM 1	3	21-CFDS
DAC1:	NO	DATA	FROM	ECS2	216334	ECAM 2	3	21-CFDS
DAC1:	NO	DATA	FROM	EGIU1.1	242233	ECAM 1	2	24-CFDS
DAC1:	NO	DATA	FROM	EGIU1.1	242233	ECAM 2	2	24-CFDS
DAC1:	NO	DATA	FROM	EGIU1.2	242233	ECAM 1	2	24-CFDS
DAC1:	_	_		EGIU1.2		ECAM 2	2	24-CFDS
DAC1:	NO	DATA	FROM	EGIU2.1	242233	ECAM 1	2	24-CFDS
DAC1:	NO	DATA	FROM	EGIU2.1	242233	ECAM 2	2	24-CFDS
DAC1:	NO	DATA	FROM	EGIU2.2	242233	ECAM 1	2	24-CFDS
DAC1:	NO	DATA	FROM	EGIU2.2	242233	ECAM 2	2	24-CFDS
DAC1:	NO	DATA	FROM	EVMU	773234	ECAM 1	1	77-CFDS
DAC1:	NO	DATA	FROM	EVMU	773234	ECAM 2	1	77-CFDS
DAC1:	NO	DATA	FROM	PACK1 CONT	216134	ECAM 1	1	21-CFDS
DAC1:	NO	DATA	FROM	PACK1 CONT	216134		1	21-ECAM
DAC1:	NO	DATA	FROM	PACK1 CONT	216134	ECAM 2	1	21-CFDS
DAC1:	NO	DATA	FROM	PACK1 CONT	216134	ECAM 2	1	21-ECAM
DAC1:	NO	DATA	FROM	PACK2 CONT	216134	ECAM 1	1	21-CFDS
DAC1:	NO	DATA	FROM	PACK2 CONT	216134	ECAM 1	1	21-ECAM
DAC1:				PACK2 CONT		ECAM 2	1	21-CFDS
DAC1:				SFCC1		ECAM 1	3	27-CFDS

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA SOURCE	CLASS	CH-PB101
SDAC1 : NO DATA FROM SFCC1	275134 ECAM 2	3	27-CFDS
SDAC1 : NO DATA FROM SFCC1+2	275134 ECAM 1	1	27-CFDS
SDAC1 : NO DATA FROM SFCC1+2	275134 ECAM 2	1	27-CFDS
SDAC1: NO DATA FROM SFCC1+2 SDAC1: NO DATA FROM SFCC1+2 SDAC1: NO DATA FROM SFCC2 SDAC1: NO DATA FROM SFCC2 SDAC1: NO DATA FROM TPIU SDAC1: NO DATA FROM TPIU	275134 ECAM 1	3	27-CFDS
SDAC1 : NO DATA FROM SFCC2	275134 ECAM 2	3	27-CFDS
SDAC1 : NO DATA FROM TPIU	324934 ECAM 1	1	32-CFDS
		2	32-CFDS
SDAC1 : NO TR ESS CURRENT 1PE	243251 ECAM 1	1	24-CFDS
SDAC1 : NO TR ESS CURRENT 1PE	243251 ECAM 2	1	24-CFDS
SDAC1 : NO TR ESS VOLTAGE 1PE	243251 ECAM 1	1	24-CFDS
SDAC1 : NO TR ESS VOLTAGE 1PE	243251 ECAM 2	1	24-CFDS
SDAC1 : NO TR1 CURRENT 1PU1	243251 ECAM 1	1	24-CFDS
SDAC1 : NO TR1 CURRENT 1PU1	243251 ECAM 2	1	24-CFDS
SDAC1 : NO TR1 VOLTAGE 1PU1	243251 ECAM 1	1	24-CFDS
SDAC1 : NO TR1 VOLTAGE 1PU1	243251 ECAM 2	1	24-CFDS
SDAC1 : NO TR2 CURRENT 1PU2	243251 ECAM 1	1	24-CFDS
SDAC1 : NO TR2 CURRENT 1PU2	243251 ECAM 2	1	24-CFDS
SDAC1 : NO TR2 VOLTAGE 1PU2	243251 ECAM 1	1	24-CFDS
SDAC1 : NO TR2 VOLTAGE 1PU2	243251 ECAM 2	1	24-CFDS
SDAC1 : OX PRESS REG XMIR 4HI	351315 ECAM 1	1	35-CFDS
SDAC1: OX PRESS REG XMTR 4HT SDAC1: OX PRESS REG XMTR 4HT SDAC1: PIN PROG FAIL SDAC1: PIN PROG FAIL	351315 ECAM 2	1	35-CFDS
SDAC1 : PIN PROG FAIL	315534 ECAM 1	1	31-CFDS
SDACT : PIN PROG FAIL SDACT : RH Y BRK PRESS XDCR 62GG	315534 ECAM 2	1	31-CFDS
SNACA - BU V BRK PRESS XDCR 62GG	324418 ECAM 1	1	32-CFDS
SDAC1 : RH Y BRK PRESS XDCR 62GG		1	32-LOCAL
SDAC1 : RH Y BRK PRESS XDCR 62GG	324418 ECAM 2	1	32-CFDS
SDAC1 : RH Y BRK PRESS XDCR 62GG SDAC1 : RUDDER POS XDCR 42WV	324418 ECAM 2 273115 ECAM 1	1	32-LOCAL
SDACT : RUDDER POS XDCR 42WV	273115 ECAM 1	1	22-ECAM 27-CFDS
SDACT : RUDDER POS XDCR 42WV	273115 ECAM 1	1 1	27-CFD3
SDACT : RUDDER POS XDCR 42WV	273115 ECAM 2	1	27-CFDS
SDACT : RODDER POS ADER 42WV SDACT : Y HYD PRESS XMTR 3065GN	293211 ECAM 1	1	27-CFDS
SDACT : Y HYD PRESS XMTR 3065GN	293211 ECAM 1	1	29-CFDS
SDACT : Y HYD PRESS XMTR 3065GN	293211 ECAM 1	1	27-CFD3
SDACT : Y HYD PRESS XMTR 3065GN	293211 ECAM 2	1	
SDACT : Y HYD FRESS AMIR SOOSGN	291341 ECAM 1	1	29-CFDS
SDAC1 : Y HYD QTY IND 3000GQ	291341 ECAM 1	1	29-CFDS
SDAC1 : Y HYD TEMP XMTR 3381GR	293311 ECAM 1	1	29-CFDS
SDAC1 : Y HYD TEMP XMTR 3381GR	293311 ECAM 2	1	29-CFDS
SDAC1(1WV1)/ATSU1(1TX1)	315534 ACARSMU	3	31-CFDS
SDAC1(1WV1)/ATSU1(1TX1)	315534 ATSU	3	31-CFDS
SDAC1: NO DATA FROM GAPCU	242233 ECAM 1	2	24-CFDS
SDAC1: NO DATA FROM GAPCU	242233 ECAM 2	2	24-CFDS
SDAC1: NO DATA FROM GCU1	242233 ECAM 2	2	24-CFDS
SDAC1: NO DATA FROM GCU1	242233 ECAM 2	2	24-CFDS
SDAC1: NO DATA FROM GCU2	242233 ECAM 2	2	24-CFDS
		2	
SDAC1: NO DATA FROM GCU2	242233 ECAM 2		24-CFDS

EFF: ALL

I-CFDS

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB10
SDAC2	315534	ECAM 1	3	31-CFDS
SDAC2 SDAC2 SDAC2 SDAC2 SDAC2 (1WV2) / DMU (1TV) SDAC2 (1WV2) / FDIMU (10TV) SDAC2 : ACCELEROMETER 6TU SDAC2 : ACCELEROMETER 6TU SDAC2 : B HYD PRESS XMTR 2065GN	315534	ECAM 2	1	31-ECAM
SDAC2	315534	ECAM 2	3	31-CFDS 31-CFDS
SDAC2 (1WV2) / DMU (1TV)	315534	DMU	3	31-CFDS
SDAC2 (1WV2) / FDIMU (10TV)	315534	DMU	3	31-CFDS
SDAC2 : ACCELEROMETER 6TU	313316			31-CFDS
SDAC2 : ACCELEROMETER 6TU	313316	ECAM 2		31-CFDS
SDAC2 : B HYD PRESS XMTR 2065GN	293211			27-ECAM
NIALZ * B HYD PRESS XMIR ZUGSUN	795711	ECAM 1		29-CFDS
SDAC2: B HYD PRESS XMTR 2065GN SDAC2: B HYD PRESS XMTR 2065GN SDAC2: B HYD QTY IND 2000GQ SDAC2: B HYD QTY IND 2000GQ SDAC2: B HYD TEMP XMTR 2381GR	293211			27-ECAM
SDAC2 : B HYD PRESS XMTR 2065GN	293211	ECAM 2		29-CFDS
SDAC2: B HYD QTY IND 2000GQ	291241	ECAM 1		
SDAC2: B HYD QTY IND 2000GQ	291241	ECAM 2	1	
SDAC2 : B HYD TEMP XMTR 2381GR	293311	ECAM 1		
SDAC2 : B HYD TEMP XMTR 2381GR SDAC2 : ENG1 OIL PRESS XMTR 4003EN	293311	ECAM 2		
SDAC2 : ENG1 OIL PRESS XMTR 4003EN	793315	ECAM 1		77-ECAM
DAC2: ENG1 OIL PRESS XMTR 4003EN	793315			79-CFDS
DAC2: ENG1 OIL PRESS XMTR 4003EN		ECAM 1		79-CFDS
DAC2: ENG1 OIL PRESS XMTR 4003EN	793315	ECAM 2		77-ECAM
DAC2: ENG1 OIL PRESS XMTR 4003EN	793315	ECAM 2	2	79-CFDS
DAC2 : ENG1 OIL PRESS XMTR 4003EN	793315	ECAM 2	3	79-CFDS
DAC2: ENG1 OIL PRESS XMTR 4003EN DAC2: ENG1 OIL QTY XMTR 4002EN DAC2: ENG1 OIL QTY XMTR 4002EN	793115	ECAM 1	3	79-CFDS
SDAC2 : ENG1 OIL QTY XMTR 4002EN	793115	ECAM 2	3	79-CFDS
DAC2: ENG2 OIL PRESS XMTR 4003EN	793315		2	77-ECAM
SDAC2 : ENG2 OIL PRESS XMTR 4003EN	793315	ECAM 1		79-CFDS
DAC2 : ENG2 OIL PRESS XMTR 4003EN		ECAM 1		79-CFDS
SDAC2 : ENG2 OIL PRESS XMTR 4003EN		ECAM 2		77-ECAM
SDAC2 : ENG2 OIL PRESS XMTR 4003EN		ECAM 2		79-CFDS
SDAC2 : ENG2 OIL PRESS XMTR 4003EN		ECAM 2		79-CFDS
SDAC2 : ENG2 OIL PRESS XMTR 4004EN		ECAM 1		77-ECAM
SDAC2 : ENG2 OIL PRESS XMTR 4004EN	793313	ECAM 1		79-CFDS
SDAC2 : ENG2 OIL PRESS XMTR 4004EN	793313	ECAM 2	2	
SDAC2 : ENG2 OIL PRESS XMTR 4004EN SDAC2 : ENG2 OIL QTY XMTR 4002EN	793313	ECAM 1	3	79-CFDS 79-CFDS
SDAC2 : ENG2 OIL QTY XMTR 4002EN		ECAM 1		
SDAC2 : ENG2 OIL GIT AMIR 4002EN		ECAM 2	3	79-CFDS
SDAC2 : G HYD PRESS XMTR 1065GN		ECAM 1	1 1	27-ECAM 29-CFDS
SDAC2 : G HYD PRESS XMTR 1065GN		ECAM 2	1	27-ECAM
SDAC2 : G HYD PRESS XMTR 1065GN		ECAM 2	1	29-CFDS
SDAC2 : G HYD PRESS AMIR 1003GN		ECAM 2	1	29-CFDS
SDAC2: G HYD QTY IND 1000GQ		ECAM 2	1	29-CFDS
SDAC2: G HYD TEMP XMTR 1381GR		ECAM 2	1	29-CFDS
SDAC2 : G HYD TEMP XMTR 1381GR		ECAM 2	1	29-CFDS
SDAC2 : GLC EMER CNTOR 2XE		ECAM 2	1	24-CFDS
DAC2 : GLC EMER CNTOR 2XE		ECAM 1	1	24-CFD3
SDAC2 : GLC EMER CNTOR 2XE		ECAM 2	1	24-CFDS
DAC2 : GLC EMER CNTOR 2XE		ECAM 2	1	24-ECAM
PROE : GEO EMEN CHION ENE	£7£7JJ	LUAN L		L- LUAN

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA SOURCE	CLASS	CH-PB101
SDAC2 : LH Y BRK PRESS XDCR 63GG	324418 ECAM		32-LOCAL
SDAC2 : LH Y BRK PRESS XDCR 63GG	324418 ECAM 2	2 1	32-CFDS
SDAC2: LH Y BRK PRESS XDCR 63GG SDAC2: NO CPC1 ANALOG SIGNAL SDAC2: NO CPC1 ANALOG SIGNAL	324418 ECAM 2	2 1	32-LOCAL
SDAC2 : NO CPC1 ANALOG SIGNAL	213134 ECAM	1	21-CFDS
SDAC2 : NO CPC1 ANALOG SIGNAL	213134 ECAM	1	21-ECAM
SDACZ : NO CPCT ANALOG SIGNAL	213134 ELAM 2	2 1	21-CFDS
SDAC2 : NO CPC1 ANALOG SIGNAL	213134 ECAM 2		21-ECAM
SDAC2 : NO DATA FROM ACHC	214334 ECAM		21-CFDS
SDAC2 : NO DATA FROM ACHC	214334 ECAM 2		21-CFDS
SDAC2 : NO DATA FROM ACSC1	216134 ECAM		21-CFDS
SDAC2 : NO DATA FROM ACSC1	216134 ECAM 2		21-CFDS
SDAC2 : NO DATA FROM ACSC1	216134 ECAM 2		21-ECAM
SDAC2 : NO DATA FROM ACSC2	216134 ECAM '		21-CFDS
SDAC2 : NO DATA FROM ACSC2	216134 ECAM		21-ECAM
SDAC2 : NO DATA FROM ACSC2	216134 ECAM 2		21-CFDS
SDAC2 : NO DATA FROM ACSC2	216134 ECAM 2		21-ECAM
SDAC2 : NO DATA FROM BCL1	243834 ECAM '		24-CFDS
SDAC2 : NO DATA FROM BCL1	243834 ECAM '		24-ECAM
SDAC2 : NO DATA FROM BCL1	243834 ECAM 2		24-CFDS
SDAC2 : NO DATA FROM BCL1	243834 ECAM 2		24-ECAM
SDAC2 : NO DATA FROM BCL2	243834 ECAM '		24-CFDS
SDAC2 : NO DATA FROM BCL2	243834 ECAM '		24-ECAM
SDAC2 : NO DATA FROM BCL2	243834 ECAM 2		24-CFDS
SDAC2 : NO DATA FROM BCL2	243834 ECAM 2		24-ECAM
SDAC2 : NO DATA FROM BMC1	341134 ECAM '		34-CFDS
SDAC2 : NO DATA FROM BMC1	361134 ECAM 2		36-CFDS
SDAC2 : NO DATA FROM BMC1+2	361134 ECAM '		36-CFDS
SDAC2 : NO DATA FROM BMC1+2	361134 ECAM '		36-ECAM
SDAC2 : NO DATA FROM BMC1+2	361134 ECAM 2		36-CFDS
SDAC2 : NO DATA FROM BMC1+2	361134 ECAM 2		36-ECAM
SDAC2 : NO DATA FROM BMC2	341134 ECAM '		34-CFDS
SDAC2 : NO DATA FROM BMC2	361134 ECAM 2		36-CFDS
SDAC2 : NO DATA FROM BSCU1	324224 ECAM		32-CFDS
SDAC2 : NO DATA FROM BSCU1	324224 ECAM '		32-ECAM
SDAC2 : NO DATA FROM BSCU1	324224 ECAM 2		32-CFDS
SDAC2 : NO DATA FROM BSCU1	324224 ECAM 2		32-ECAM
SDAC2 : NO DATA FROM BSCU1	324234 ECAM '		32-CFDS
SDAC2 : NO DATA FROM BSCU1	324234 ECAM '		32-ECAM
SDAC2 : NO DATA FROM BSCU1	324234 ECAM 2		32-CFDS
SDAC2 : NO DATA FROM BSCU1	324234 ECAM 2		32-ECAM
SDAC2 : NO DATA FROM BSCU1+2	324224 ECAM '		32-CFDS
SDAC2 : NO DATA FROM BSCU1+2	324224 ECAM 2		32-CFDS
SDAC2 : NO DATA FROM BSCU1+2	324234 ECAM		32-CFDS
SDAC2: NO DATA FROM BSCU1+2	324234 ECAM 2		32-CFDS
SDAC2 : NO DATA FROM BSCU2	324234 ECAM '		32-CFDS
SDAC2 : NO DATA FROM BSCU2	324234 ECAM 2		32-CFDS
SDAC2 : NO DATA FROM CPC1	213134 ECAM		21-CFDS
SDAC2 : NO DATA FROM CPC1	213134 ECAM 2	2 1	21-CFDS

EFF: ALL

**I-CFDS** 

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### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA S	SOURCE	CLASS	CH-PB101
SDAC2 : NO DATA FROM CPC2	213134 E			21-CFDS
SDAC2 : NO DATA FROM CPC2	213134 E			21-CFDS
SDAC2 : NO DATA FROM ECB	496134 E			49-CFDS
SDAC2 : NO DATA FROM ECB	496134 E			49-CFDS
SDAC2 : NO DATA FROM ECS1	216334 E			21-CFDS
SDAC2 : NO DATA FROM ECS1	216334 E			21-CFDS
SDAC2 : NO DATA FROM ECS1+2	216334 E			21-CFDS
SDAC2 : NO DATA FROM ECS1+2	216334 E	ECAM 2		21-CFDS
SDAC2 : NO DATA FROM ECS2	216334 E	ECAM 1		21-CFDS
SDAC2 : NO DATA FROM ECS2	216334 E	ECAM 2		21-CFDS
SDAC2 : NO DATA FROM EGIU1.1	2422 <b>33</b> E	ECAM 1		24-CFDS
SDAC2 : NO DATA FROM EGIU1.1	242233 E	ECAM 2		24-CFDS
SDAC2 : NO DATA FROM EGIU1.2	242233 E		2	24-CFDS
SDAC2: NO DATA FROM EGIU1.2  SDAC2: NO DATA FROM EGIU1.2  SDAC2: NO DATA FROM EGIU2.1  SDAC2: NO DATA FROM EGIU2.1  SDAC2: NO DATA FROM EGIU2.2  SDAC2: NO DATA FROM EGIU2.2  SDAC2: NO DATA FROM EVMU  SDAC2: NO DATA FROM EVMU  SDAC2: NO DATA FROM PACK1 CONT  SDAC2: NO DATA FROM PACK1 CONT  SDAC2: NO DATA FROM PACK1 CONT	242233 E	ECAM 2	2	24-CFDS
SDAC2 : NO DATA FROM EGIU2.1	242233 E	ECAM 1	2	24-CFDS
SDAC2 : NO DATA FROM EGIU2.1	242233 E	ECAM 2	2	24-CFDS
SDAC2 : NO DATA FROM EGIU2.2	242233 E	ECAM 1	2	24-CFDS
SDAC2 : NO DATA FROM EGIU2.2	242233 E	ECAM 2	2	24-CFDS
SDAC2 : NO DATA FROM EVMU	773234 E	ECAM 1	1	77-CFDS
SDAC2 : NO DATA FROM EVMU	773234 E	ECAM 2	1	77-CFDS
SDAC2 : NO DATA FROM PACK1 CONT	216134 E	ECAM 1	1	21-CFDS
SDAC2 : NO DATA FROM PACK1 CONT	216134 E	ECAM 2	1	21-CFDS
SDAC2 : NO DATA FROM PACK1 CONT	216134 E			21-ECAM
SDAC2 : NO DATA FROM PACK2 CONT	216134 E			21-CFDS
SDAC2 : NO DATA FROM PACK2 CONT	216134 E			21-ECAM
SDAC2 : NO DATA FROM PACK2 CONT	216134 E			21-CFDS
SDAC2 - NO DATA EDOM DACK2 CONT	216134 E			21-ECAM
SDAC2: NO DATA FROM FACR2 CONT SDAC2: NO DATA FROM SFCC1 SDAC2: NO DATA FROM SFCC1+2 SDAC2: NO DATA FROM SFCC1+2	275134 E			27-CFDS
SDAC2 : NO DATA FROM SFCC1	275134 E			27-CFDS
SDAC2 : NO DATA FROM SFCC1+2	275134 E			27-CFDS
SDAC2 : NO DATA FROM SFCC1+2	275134 E			27-CFDS
SDAC2 : NO DATA FROM SFCC2	275134 E			27-CFDS
SDAC2 : NO DATA FROM SFCC2	275134 E			27-CFDS
SDAC2 : NO DATA FROM TPIU	324934 E			32-CFDS
SDAC2 : NO DATA FROM TPIU	324934 E			
SDAC2 : NO TR ESS CURRENT 1PE	243251 E		1	24-CFDS
SDAC2 : NO TR ESS CURRENT 1PE	243251 E		1	24-CFDS
SDAC2 : NO TR ESS VOLTAGE 1PE	243251 E		1	24-CFDS
SDAC2 : NO TR ESS VOLTAGE 1PE	243251 E		1	24-CFDS
SDAC2 : NO TR1 CURRENT 1PU1	243251 E		1	24-CFDS
SDAC2 : NO TR1 CURRENT 1PU1	243251 E		1	24-CFDS
SDAC2 : NO TR1 VOLTAGE 1PU1	243251 E		1	24-CFDS
SDAC2 : NO TR1 VOLTAGE 1PU1	243251 E		1	24-CFDS
SDAC2 : NO TR2 CURRENT 1PU2	243251 E		1	24-CFDS
SDAC2 : NO TR2 CURRENT 1PU2	243251 E		1	24-CFDS
SDAC2 : NO TRE CORRENT TO SE	243251 E		1	24-CFDS
SDAC2 : NO TRZ VOLTAGE TPUZ	243251 E		1	24-CFDS
SDAC2 : NO TRE VOLTAGE TPUE	351315 E		1	35-CFDS
JUNCE . UN FRESS REG AMIR 401	ו נונוננ	LUMPI I	ı	J)-6FV3

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA S	OURCE	CLASS	CH-PB101
SDAC2: OX PRESS REG XMTR 4HT SDAC2: PIN PROG FAIL SDAC2: PIN PROG FAIL SDAC2: RH Y BRK PRESS XDCR 62GG SDAC2: RH Y BRK PRESS XDCR 62GG	351315 E	CAM 2	1	35-CFDS
SDAC2 : PIN PROG FAIL	315534 E	CAM 1	1	31-CFDS
SDAC2 : PIN PROG FAIL	315534 E	CAM 2	1	31-CFDS
SDAC2: RH Y BRK PRESS XDCR 62GG	324418 E	CAM 1	1	32-CFDS
SDAC2: RH Y BRK PRESS XDCR 62GG	324418 E	CAM 1	1	32-LOCAL
				32-CFDS
DAC2: RH Y BRK PRESS XDCR 62GG DAC2: RUDDER POS XDCR 42WV DAC2: Y HYD PRESS XMTR 3065GN DAC2: Y HYD PRESS XMTR 3065GN	324418 E	CAM 2	1	32-LOCAL
DAC2 : RUDDER POS XDCR 42WV	273115 E	CAM 1	1	22-ECAM
DAC2 : RUDDER POS XDCR 42WV	273115 E	CAM 1	1	27-CFDS
DAC2 : RUDDER POS XDCR 42WV	273115 E	CAM 2	1	22-ECAM
DAC2 : RUDDER POS XDCR 42WV	273115 E	CAM 2	1	27-CFDS
DAC2 : Y HYD PRESS XMTR 3065GN	293211 E	CAM 1	1	27-ECAM
DAC2 : Y HYD PRESS XMTR 3065GN	293211 E	CAM 1	1	29-CFDS
DAC2 : Y HYD PRESS XMTR 3065GN DAC2 : Y HYD PRESS XMTR 3065GN DAC2 : Y HYD QTY IND 3000GQ DAC2 : Y HYD QTY IND 3000GQ DAC2 : Y HYD TEMP XMTR 3381GR DAC2 : NO DATA FROM GAPCU DAC2 : NO DATA FROM GAPCU DAC2 : NO DATA FROM GCU1 DAC2 : NO DATA FROM GCU1 DAC2 : NO DATA FROM GCU1 DAC2 : NO DATA FROM GCU2 DAC2 : NO DATA FROM GCU2 DAC2 : NO DATA FROM GCU2 DCU CHANNEL 1 (10WQ) DCU CHANNEL 2 (10WQ) DCU/SMOKE DET LOOP DU1(105RV1)	293211 E	CAN Z		27-ECAM
DAC2 : Y HYD PRESS XMTR 3U65GN	293211 E		1	29-CFDS
DAC2 : Y HYD QTY IND 3000GQ	291341 E		1	29-CFDS
DAC2 : Y HYD QTY IND 3000GQ	291341 E		1	29-CFDS
DAC2 : Y HYD TEMP XMTR 3381GR	293311 E		1	29-CFDS
DAC2 : Y HYD TEMP XMTR 3381GR	293311 E			29-CFDS
DAC2(1WV2)/ATSU1(1TX1)	315534 A			31-CFDS
DAC2(1WV2)/ATSU1(1TX1)	315534 A		3	31-CFDS
DAC2: NO DATA FROM GAPCU	242233 E			24-CFDS
DAC2: NO DATA FROM GAPCU	242233 E			24-CFDS
DAC2: NO DATA FROM GCU1	242233 E			24-CFDS
DAC2: NO DATA FROM GCU1	242233 E			24-CFDS
DAC2: NO DATA FROM GCU2	242233 E			24-CFDS
DAC2: NO DATA FROM GCU2	242233 E			24-CFDS
DCU CHANNEL 1 (1UWQ)	261734 S			26-CFDS
DCU CHANNEL 2 (1UWQ)	261734 S	DCU	1	26-CFDS
DCU/SMOKE DET LOOP	261734 S	DCU	2	26-ECAM
DU1(1U5RV1)	232834 S	DU	1	23-CFDS
DU1(105RV1)	232834 S			23-ECAM
20 1 103 KV 17	LJ2034 0		3	23-CFDS
DU1(105RV1)/ OVER TEMPERATURE	232834 S		3	23-CFDS
DU1(105RV1)RX COAX	232834 S		_	23-CFDS
DU1(105RV1)RX COAX	232834 S		1	23-ECAM
DU1(5RV1)/ATSU1(1TX1)	232834 A		1	23-CFDS
DU1(5RV1)/ATSU1(1TX1)	232834 A		1	23-CFDS
DU1(5RV1)/ATSU1(1TX1)	232834 A		1	23-ECAM
EB XXL EB XXL	233346 C		3	23-CFDS
	233346 C		3	23-CFDS
EB XXR	233346 C 233346 C		3	23-CFDS
EB XXR			3	23-CFDS
EB 80L	233346 C		3	23-CFDS
EB 80L	233346 C		3	23-CFDS
EB 80R	233346 C		3	23-CFDS
EB 80R	233346 C		3	23-CFDS
EB 93L	233346 C	T N 9 . I	3	23-CFDS

EFF: ALL

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SROS

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
SEB 93L		CIDS 2	3	23-CFDS
SEB 94L		CIDS 1	3	23-CFDS
SEB 94L		CIDS 2	3	23-CFDS
SEB 95L		CIDS 1	3	23-CFDS
SEB 95L		CIDS 2	3	23-CFDS
SEB 98R		CIDS 1	3	23-CFDS
SEB 98R		CIDS 2	3	23-CFDS
SEB 99L		CIDS 1	3	23-CFDS
SEB 99L		CIDS 2	3	23-CFDS
SEB 99R		CIDS 1	3	23-CFDS
SEB 99R		CIDS 2	3	23-CFDS
SEC1		EFCS 1	1	27-ECAM
SEC1		EFCS 2	1	27-ECAM
SEC1 COM BUS 1	_	EFCS 1	2	27-ECAM
SEC1 COM BUS 1	_	EFCS 2	2	27-ECAM
SEC1 COM BUS 3	_	EFCS 1	1	27-ECAM
SEC1 COM BUS 3	_	EFCS 2	1	27-ECAM
SEC1 COM OR BUS 3 FROM FCDC2	_	EFCS 1	2	27-ECAM
SEC1 COM OR BUS 3 FROM FCDC2		EFCS 2	2	27-ECAM
SEC1 COM OR WIRING FROM L SPLR3 POS XDCR 31CE5			1	27-ECAM
SEC1 COM OR WIRING FROM L SPLR3 POS XDCR 31CE5			1	27-ECAM
SEC1 COM OR WIRING FROM L SPLR4 POS XDCR 31CE7			1	27-ECAM
SEC1 COM OR WIRING FROM L SPLR4 POS XDCR 31CE7			1	27-ECAM
SEC1 COM OR WIRING FROM R SPLR3 POS XDCR 31CE6			1	27-ECAM
SEC1 COM OR WIRING FROM R SPLR3 POS XDCR 31CE6			1	27-ECAM
SEC1 COM OR WIRING FROM R SPLR4 POS XDCR 31CE8			1	27-ECAM
SEC1 COM OR WIRING FROM R SPLR4 POS XDCR 31CE8			1	27-ECAM
SEC1 COM OR WIRING FROM THS ACTR XDCR 2 9CE		EFCS 1	2	27-ECAM
SEC1 COM OR WIRING FROM THS ACTR XDCR 2 9CE		EFCS 2	2	27-ECAM
SEC1 COM OR WIRING TO L B ELEV SERVO VLV 34CE3			1	27-ECAM
SEC1 COM OR WIRING TO L B ELEV SERVO VLV 34CE3			2	27-ECAM
SEC1 COM OR WIRING TO L B ELEV SERVO VLV 34CE3			1	27-ECAM
SEC1 COM OR WIRING TO L B ELEV SERVO VLV 34CE3			2	27-ECAM
SEC1 COM OR WIRING TO R B ELEV SERVO VLV 34CE4			1	27-ECAM
SEC1 COM OR WIRING TO R B ELEV SERVO VLV 34CE4				
SEC1 COM OR WIRING TO R B ELEV SERVO VLV 34CE4				_
SEC1 COM OR WIRING TO R B ELEV SERVO VLV 34CE4				27-ECAM
SEC1 MON BUS 1		EFCS 1		27-ECAM
SEC1 MON BUS 1		EFCS 2		27-ECAM
SEC1 MON BUS 3		EFCS 1		27-ECAM
SEC1 MON BUS 3		EFCS 2		27-ECAM
	279434			27-ECAM
	279434			27-ECAM
SEC1 MON OR WIRING FROM L SPLR 3 POS XDCR 31CE5	217454	EFUS 1	1	27-ECAM
SEC1 MON OR WIRING FROM L SPLR 3 POS XDCR 31CE5	279434	EFCS 2	1	27-ECAM
SEC1 MON OR WIRING FROM L SPLR 4 POS XDCR	279434	EFCS 1	1	27-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
31CE7				
SEC1 MON OR WIRING FROM L SPLR 4 POS XDCR	279434	FFCS 2	1	27-FCAM
31CE7	L17737	LICS Z	•	ZI LUAN
SEC1 MON OR WIRING FROM R SPLR 3 POS XDCR	279434	FFCS 1	1	27-ECAM
31CE6	2.7.0.		•	2. 20/
SEC1 MON OR WIRING FROM R SPLR 3 POS XDCR	279434	EFCS 2	1	27-ECAM
31CE6	,,		-	
SEC1 MON OR WIRING FROM R SPLR 4 POS XDCR	279434	EFCS 1	1	27-ECAM
31CE8				
SEC1 MON OR WIRING FROM R SPLR 4 POS XDCR	279434	EFCS 2	1	27-ECAM
31CE8				
SEC1 MON OR WIRING FROM THS ACTR XDCR 2 9CE	279434	EFCS 1	2	27-ECAM
SEC1 MON OR WIRING FROM THS ACTR XDCR 2 9CE	279434	EFCS 2	2	27-ECAM
SEC1 MON OR WIRING TO L B ELEV SERVO VLV 34CE3			1	27-ECAM
SEC1 MON OR WIRING TO L B ELEV SERVO VLV 34CE3	279434	EFCS 1	2	27-ECAM
SEC1 MON OR WIRING TO L B ELEV SERVO VLV 34CE3	279434	EFCS 2	1	27-ECAM
SEC1 MON OR WIRING TO L B ELEV SERVO VLV 34CE3	279434	EFCS 2	2	27-ECAM
SEC1 MON OR WIRING TO L G ELEV SOL VLV 34CE1	279434	EFCS 1	1	27-ECAM
SEC1 MON OR WIRING TO L G ELEV SOL VLV 34CE1			2	27-ECAM
SEC1 MON OR WIRING TO L G ELEV SOL VLV 34CE1	279434	EFCS 2	1	27-ECAM
SEC1 MON OR WIRING TO L G ELEV SOL VLV 34CE1	279434	EFCS 2	2	27-ECAM
SEC1 MON OR WIRING TO R B ELEV SERVO VLV 34CE4	279434	EFCS 1	1	27-ECAM
SEC1 MON OR WIRING TO R B ELEV SERVO VLV 34CE4	279434	EFCS 1	2	27-ECAM
SEC1 MON OR WIRING TO R B ELEV SERVO VLV 34CE4	279434	EFCS 2	1	27-ECAM
SEC1 MON OR WIRING TO R B ELEV SERVO VLV 34CE4	279434	EFCS 2	2	27-ECAM
SEC1 MON OR WIRING TO R Y ELEV SOL VLV 34CE2	279434	EFCS 1	1	27-ECAM
SEC1 MON OR WIRING TO R Y ELEV SOL VLV 34CE2	279434	EFCS 1	2	27-ECAM
SEC1 MON OR WIRING TO R Y ELEV SOL VLV 34CE2	279434	EFCS 2	1	27-ECAM
SEC1 MON OR WIRING TO R Y ELEV SOL VLV 34CE2	279434	EFCS 2	2	27-ECAM
SEC1 OR BUS 1 FROM ELAC1 COM	279434	EFCS 1	2	27-ECAM
SEC1 OR BUS 1 FROM ELAC1 COM	279434		2	27-ECAM
SEC1 OR BUS 1 FROM ELAC2 MON	279434	EFCS 1	2	27-ECAM
SEC1 OR BUS 1 FROM ELAC2 MON	279434	EFCS 2	2	27-ECAM
SEC1 OR BUS 3 FROM ADR1	279434	EFCS 1	2	22-ECAM
SEC1 OR BUS 3 FROM ADR1	279434	EFCS 1	2	27-ECAM
SEC1 OR BUS 3 FROM ADR1	279434	EFCS 2	2	22-ECAM
SEC1 OR BUS 3 FROM ADR1	279434	EFCS 2	2	27-ECAM
SEC1 OR BUS 3 FROM ADR3	279434	EFCS 1	2	22-ECAM
SEC1 OR BUS 3 FROM ADR3	279434		2	27-ECAM
SEC1 OR BUS 3 FROM ADR3	279434		2	22-ECAM
SEC1 OR BUS 3 FROM ADR3	279434		2	27-ECAM
SEC1 OR BUS 3 FROM IR1	279434		2	27-ECAM
SEC1 OR BUS 3 FROM IR1	279434		2	27-ECAM
SEC1 OR BUS 3 FROM IR3	279434		2	27-ECAM
SEC1 OR BUS 3 FROM IR3	279434		2	27-ECAM
SEC1 OR INPUT OF CAPT PITCH CTL SSTU 4CE3	279434		1	27-ECAM
SEC1 OR INPUT OF CAPT PITCH CTL SSTU 4CE3	279434		2	27-ECAM
SEC1 OR INPUT OF CAPT PITCH CTL SSTU 4CE3	279434	EFCS 2	1	27-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CEDS	MESSAGES		SOURCE	CLASS	CH-PB101
	OR INPUT OF CAPT PITCH CTL SSTU 4CE3			2	27-ECAM
	OR INPUT OF CAPT ROLL CTL SSTU 4CE1	279434		1	27-ECAM
	OR INPUT OF CAPT ROLL CTL SSTU 4CE1	279434		2	27-ECAM
	OR INPUT OF CAPT ROLL CTL SSTU 4CE1		EFCS 2	1	27-ECAM
	OR INPUT OF CAPT ROLL CTL SSTU 4CE1		EFCS 2	2	27-ECAM
	OR INPUT OF F/O PITCH CTL SSTU 4CE4	279434		1	27-ECAM
	OR INPUT OF F/O PITCH CTL SSTU 4CE4	279434		2	27-ECAM
	OR INPUT OF F/O PITCH CTL SSTU 4CE4		EFCS 2	1	27-ECAM
	OR INPUT OF F/O PITCH CTL SSTU 4CE4		EFCS 2	2	27-ECAM
	OR INPUT OF F/O ROLL CTL SSTU 4CE2	279434		1	27-ECAM
	OR INPUT OF F/O ROLL CTL SSTU 4CE2	279434		2	27-ECAM
	OR INPUT OF F/O ROLL CTL SSTU 4CE2		EFCS 2	1	27-ECAM
SEC1	OR INPUT OF F/O ROLL CTL SSTU 4CE2		EFCS 2	2	27-ECAM
SEC1	OR INPUT OF L THROTTLE CTL UNIT 8KS1	279434	EFCS 1	1	27-ECAM
SEC1	OR INPUT OF L THROTTLE CTL UNIT 8KS1	279434	EFCS 2	1	27-ECAM
SEC1	OR INPUT OF R THROTTLE CTL UNIT 8KS2	279434	EFCS 1	1	27-ECAM
SEC1	OR INPUT OF R THROTTLE CTL UNIT 8KS2	279434	EFCS 2	1	27-ECAM
SEC1	OR INPUT OF SPBK CTL XDCR UNIT 7CE	279434	EFCS 1	1	27-ECAM
SEC1	OR INPUT OF SPBK CTL XDCR UNIT 7CE	279434	EFCS 2	1	27-ECAM
SEC1	OR INPUT OF WHEEL TACHOMETER	279434	EFCS 1	2	27-ECAM
SEC1	OR INPUT OF WHEEL TACHOMETER	279434		2	32-ECAM
SEC1	OR INPUT OF WHEEL TACHOMETER	279434		2	27-ECAM
SEC1	OR INPUT OF WHEEL TACHOMETER OR INPUT OF WHEEL TACHOMETER	279434		2	32-ECAM
SEC1	OR WIRING FROM ACCLRM 1 12CE1	279434		2	27-ECAM
SEC1	OR WIRING FROM ACCLRM 1 12CE1	279434		2	27-ECAM
	OR WIRING FROM ACCLRM 2 12CE2	279434		2	27-ECAM
	OR WIRING FROM ACCLRM 2 12CE2	279434		2	27-ECAM
	OR WIRING FROM B HYD PRESS SW1	279434		2	27-ECAM
	OR WIRING FROM B HYD PRESS SW1	279434		2	27-ECAM
	OR WIRING FROM G HYD PRESS SW1	279434		2	27-ECAM
	OR WIRING FROM G HYD PRESS SW1	279434		2	27-ECAM
	OR WIRING FROM L B ELEV POS XDCR 34CE3			1	27-ECAM
	OR WIRING FROM L B ELEV POS XDCR 34CE3			2	27-ECAM
	OR WIRING FROM L B ELEV POS XDCR 34CE3		EFCS 2	1	27-ECAM
	OR WIRING FROM L B ELEV POS XDCR 34CE3		EFCS 2	2	27-ECAM
	OR WIRING FROM L ELEV POS MON XDCR		EFCS 1	1	27-ECAM
	OR WIRING FROM L ELEV POS MON XDCR		EFCS 1	2	27-ECAM
	OR WIRING FROM L ELEV POS MON XDCR		EFCS 2	1	27-ECAM
	OR WIRING FROM L ELEV POS MON XDCR		EFCS 2	2	27-ECAM
	OR WIRING FROM L G ELEV MODE XDCR 34CE1		EFCS 1	1	27-ECAM
	OR WIRING FROM L G ELEV MODE XDCR 34CE1		EFCS 1	2	27-ECAM
	OR WIRING FROM L G ELEV MODE XDCR 34CE1		EFCS 2	1	27-ECAM
			EFCS 2	2	
	OR WIRING FROM L G ELEV MODE XDCR 34CE1		EFCS 1		27-ECAM
	OR WIRING FROM R B ELEV POS XDCR 34CE4			1	27-ECAM
	OR WIRING FROM R B ELEV POS XDCR 34CE4		EFCS 1	2	27-ECAM
	OR WIRING FROM R B ELEV POS XDCR 34CE4		EFCS 2	1	27-ECAM
	OR WIRING FROM R B ELEV POS XDCR 34CE4		EFCS 2	2	27-ECAM
SEUT	OR WIRING FROM R ELEV POS MON XDCR	217454	EFCS 1	1	27-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA S	OURCE	CLASS	CH-PB101
SEC1 OR WIRING FROM R ELEV POS MON XDCR				
SEC1 OR WIRING FROM R ELEV POS MON XDCR	279434 E	FCS 2	1	27-ECAM
SEC1 OR WIRING FROM R ELEV POS MON XDCR	279434 E	FCS 2	2	27-ECAM
SEC1 OR WIRING FROM R Y ELEV MODE XDCR 34CE2		FCS 1	1	27-ECAM
SEC1 OR WIRING FROM R Y ELEV MODE XDCR 34CE2		FCS 1	2	27-ECAM
SEC1 OR WIRING FROM R Y ELEV MODE XDCR 34CE2	279434 E	FCS 2	1	27-ECAM
SEC1 OR WIRING FROM R Y ELEV MODE XDCR 34CE2	279434 E	FCS 2	2	27-ECAM
SEC1 OR WIRING FROM SFCC1	279434 E	FCS 1	2	27-ECAM
SEC1 OR WIRING FROM SFCC1	279434 E	FCS 2	2	27-ECAM
SEC1 OR WIRING FROM SFCC2	279434 E	FCS 1	2	27-ECAM
SEC1 OR WIRING FROM SFCC2	279434 E	FCS 2	2	27-ECAM
SEC1 OR WIRING FROM Y HYD PRESS SW1	279434 E	FCS 1	2	27-ECAM
SEC1 OR WIRING FROM Y HYD PRESS SW1	279434 E	FCS 2	2	27-ECAM
SEC1 OR WIRING TO THS ACTR SERVO MOT 2 9CE	279434 E	FCS 1	2	27-ECAM
SEC1 OR WIRING TO THS ACTR SERVO MOT 2 9CE	279434 E	FCS 2	2	27-ECAM
SEC1 PERMANENT IDLE OF L THROTTLE CTL UNIT	279434 E		2	27-ECAM
8K\$1				
SEC1 PERMANENT IDLE OF L THROTTLE CTL UNIT	279434 E	FCS 2	2	27-ECAM
8K\$1				
SEC1 PERMANENT IDLE OF R THROTTLE CTL UNIT	279434 E	FCS 1	2	27-ECAM
8K\$2	_			_
SEC1 PERMANENT IDLE OF R THROTTLE CTL UNIT	279434 E	FCS 2	2	27-ECAM
8K\$2	_			_
SEC1(1CE1)/BSCU(10GG)	279434 B	SCU 1	1	32-ECAM
SEC1(1CE1)/BSCU(10GG)	279434 B	SCU 2	1	32-ECAM
SEC2	279434 E	FCS 1	1	27-ECAM
SEC2	279434 E	FCS 2	1	27-ECAM
SEC2 COM BUS 1	279434 E	FCS 1	2	27-ECAM
SEC2 COM BUS 1	279434 E	FCS 2	2	27-ECAM
SEC2 COM BUS 3	279434 E	FCS 1	1	27-ECAM
SEC2 COM BUS 3	279434 E	FCS 2	1	27-ECAM
SEC2 COM BUS 3 SEC2 COM OR BUS 5 FROM FCDC1 SEC2 COM OR BUS 5 FROM FCDC1	279434 E	FCS 1	2	27-ECAM
SEC2 COM OR BUS 5 FROM FCDC1	279434 E	FCS 2	2	
SEC2 COM OR INPUT OF THS ACT XDCR3 9CE	279434 E	FCS 2	2	27-ECAM
	279434 E			
SEC2 COM OR WIRING FROM L SPLR 5 POS XDCR	279434 E			27-ECAM
31CE9				
SEC2 COM OR WIRING FROM L SPLR 5 POS XDCR	279434 E	FCS 2	1	27-ECAM
31CE9				
SEC2 COM OR WIRING FROM R SPLR 5 POS XDCR	279434 E	FCS 1	1	27-ECAM
31CE10				
SEC2 COM OR WIRING FROM R SPLR 5 POS XDCR	279434 E	FCS 2	1	27-ECAM
31CE10				
SEC2 COM OR WIRING TO L G ELEV SERVO VLV 34CE1	279434 E	FCS 1	1	27-ECAM
SEC2 COM OR WIRING TO L G ELEV SERVO VLV 34CE1			-	_
SEC2 COM OR WIRING TO L G ELEV SERVO VLV 34CE1				
SEC2 COM OR WIRING TO L G ELEV SERVO VLV 34CE1				=
SEC2 COM OR WIRING TO R Y ELEV SERVO VLV 34CE2				27-ECAM
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EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

SEC2 COM OR WIRING TO R Y ELEV SERVO VLV 34CE2 27 SEC2 COM OR WIRING TO R Y ELEV SERVO VLV 34CE2 27 SEC2 COM OR WIRING TO R Y ELEV VLV 34CE2 27 SEC2 MON BUS 1 27 SEC2 MON BUS 1 27 SEC2 MON BUS 3 27 SEC2 MON BUS 3 27 SEC2 MON OR BUS 6 FROM FCDC2 27 SEC2 MON OR BUS 6 FROM FCDC2 27 SEC2 MON OR INPUT OF THS ACTR XDCR3 9CE 27 SEC2 MON OR INPUT OF THS ACTR XDCR3 9CE 27 SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR 27 31CE9 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE9 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 SEC2 MON OR WIRING TO L B ELEV SERVO VLV 34CE1 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27	79434 79434 79434 79434 79434 79434 79434 79434 79434 79434 79434 79434	EFCS EFCS EFCS EFCS EFCS EFCS EFCS EFCS	1 2 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 1 2 2 1 1 1 2 1 1 1 2 1 1 1 2 1	
SEC2 COM OR WIRING TO R Y ELEV SERVO VLV 34CE2 27 SEC2 COM OR WIRING TO R Y ELEV VLV 34CE2 27 SEC2 MON BUS 1 27 SEC2 MON BUS 1 27 SEC2 MON BUS 3 27 SEC2 MON BUS 3 27 SEC2 MON OR BUS 6 FROM FCDC2 27 SEC2 MON OR BUS 6 FROM FCDC2 27 SEC2 MON OR INPUT OF THS ACTR XDCR3 9CE 27 SEC2 MON OR INPUT OF THS ACTR XDCR3 9CE 27 SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR 27 31CE9 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE9 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 SEC2 MON OR WIRING TO L B ELEV SERVO VLV 34CE3 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27	79434 79434 79434 79434 79434 79434 79434 79434 79434 79434 79434 79434	EFCS EFCS EFCS EFCS EFCS EFCS EFCS EFCS	2 2 2 1 1 2 2 2 1 1 2 1 1 2 2 2 1 2 2 1 2 1	27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM
SEC2 COM OR WIRING TO R Y ELEV VLV 34CE2  SEC2 MON BUS 1  SEC2 MON BUS 1  SEC2 MON BUS 3  SEC2 MON BUS 3  SEC2 MON OR BUS 6 FROM FCDC2  SEC2 MON OR BUS 6 FROM FCDC2  SEC2 MON OR INPUT OF THS ACTR XDCR3 9CE  SEC2 MON OR INPUT OF THS ACTR XDCR3 9CE  SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR  31CE9  SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR  27  31CE9  SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR  27  31CE10  SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR  27  31CE10  SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR  27  31CE10  SEC2 MON OR WIRING TO L B ELEV SERVO VLV 34CE1 27  SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3  27  SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3  27  SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3	79434 79434 79434 79434 79434 79434 79434 79434 79434 79434 79434	EFCS EFCS EFCS EFCS EFCS EFCS EFCS EFCS	2 1 1 2 2 2 1 1 2 1 1 2 2 2 1 2 2 2 1 1	27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM
SEC2 MON BUS 1 27 SEC2 MON BUS 3 27 SEC2 MON BUS 3 27 SEC2 MON BUS 3 27 SEC2 MON OR BUS 6 FROM FCDC2 27 SEC2 MON OR BUS 6 FROM FCDC2 27 SEC2 MON OR INPUT OF THS ACTR XDCR3 9CE 27 SEC2 MON OR INPUT OF THS ACTR XDCR3 9CE 27 SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR 27 31CE9 SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR 27 31CE9 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING TO L B ELEV SERVO VLV 34CE1 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27	79434 79434 79434 79434 79434 79434 79434 79434 79434 79434	EFCS EFCS EFCS EFCS EFCS EFCS EFCS EFCS	1 2 2 2 1 1 2 1 1 2 2 2 1 2 2 2 1 1	27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM
SEC2 MON BUS 1  SEC2 MON BUS 3  SEC2 MON BUS 3  SEC2 MON OR BUS 6 FROM FCDC2  SEC2 MON OR BUS 6 FROM FCDC2  SEC2 MON OR BUS 6 FROM FCDC2  SEC2 MON OR INPUT OF THS ACTR XDCR3 9CE  SEC2 MON OR INPUT OF THS ACTR XDCR3 9CE  SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR  31CE9  SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR  27  31CE9  SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR  27  31CE10  SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR  27  31CE10  SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR  27  31CE10  SEC2 MON OR WIRING TO L B ELEV SERVO VLV 34CE1 27  SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3  27  SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3  27  SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3	79434 79434 79434 79434 79434 79434 79434 79434 79434 79434	EFCS EFCS EFCS EFCS EFCS EFCS EFCS	2 2 1 1 2 1 1 2 2 2 1 2 2 2 1 1 2 1	27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM
SEC2 MON BUS 3  SEC2 MON BUS 3  SEC2 MON OR BUS 6 FROM FCDC2  SEC2 MON OR BUS 6 FROM FCDC2  SEC2 MON OR BUS 6 FROM FCDC2  SEC2 MON OR INPUT OF THS ACTR XDCR3 9CE  SEC2 MON OR INPUT OF THS ACTR XDCR3 9CE  SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR  27  31CE9  SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR  27  31CE9  SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR  27  31CE10  SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR  27  31CE10  SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR  27  31CE10  SEC2 MON OR WIRING TO L B ELEV SERVO VLV 34CE1 27  SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3  27  SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3  27  SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3	79434 79434 79434 79434 79434 79434 79434 79434 79434	EFCS EFCS EFCS EFCS EFCS EFCS	1 1 2 1 1 2 2 2 1 2 2 2 1 1	27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM
SEC2 MON BUS 3  SEC2 MON OR BUS 6 FROM FCDC2  SEC2 MON OR BUS 6 FROM FCDC2  SEC2 MON OR INPUT OF THS ACTR XDCR3 9CE  SEC2 MON OR INPUT OF THS ACTR XDCR3 9CE  SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR  31CE9  SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR  27  31CE9  SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR  27  31CE10  SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR  27  31CE10  SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR  27  31CE10  SEC2 MON OR WIRING TO L B ELEV SERVO VLV 34CE1 27  SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27  SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27	79434 79434 79434 79434 79434 79434 79434 79434	EFCS EFCS EFCS EFCS EFCS EFCS	2 1 1 2 2 2 1 2 2 2 1 1	27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM
SEC2 MON OR BUS 6 FROM FCDC2 27 SEC2 MON OR BUS 6 FROM FCDC2 27 SEC2 MON OR INPUT OF THS ACTR XDCR3 9CE 27 SEC2 MON OR INPUT OF THS ACTR XDCR3 9CE 27 SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR 27 31CE9 SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR 27 31CE9 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING TO L B ELEV SERVO VLV 34CE1 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27	79434 79434 79434 79434 79434 79434 79434 79434	EFCS EFCS EFCS EFCS EFCS	1 2 2 2 1 2 2 2 1 1	27-ECAM 27-ECAM 27-ECAM 27-ECAM 27-ECAM
SEC2 MON OR BUS 6 FROM FCDC2  SEC2 MON OR INPUT OF THS ACTR XDCR3 9CE  SEC2 MON OR INPUT OF THS ACTR XDCR3 9CE  SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR  31CE9  SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR  27  31CE9  SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR  27  31CE10  SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR  27  31CE10  SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR  27  31CE10  SEC2 MON OR WIRING TO L B ELEV SERVO VLV 34CE1 27  SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27  SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27	79434 79434 79434 79434 79434 79434 79434	EFCS EFCS EFCS EFCS	2 2 1 2 2 2 1 1 2 1	27-ECAM 27-ECAM 27-ECAM 27-ECAM
SEC2 MON OR BUS 6 FROM FCDC2  SEC2 MON OR INPUT OF THS ACTR XDCR3 9CE  SEC2 MON OR INPUT OF THS ACTR XDCR3 9CE  SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR  31CE9  SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR  27  31CE9  SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR  27  31CE10  SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR  27  31CE10  SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR  27  31CE10  SEC2 MON OR WIRING TO L B ELEV SERVO VLV 34CE1 27  SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27  SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27	79434 79434 79434 79434 79434 79434	EFCS EFCS EFCS EFCS	1 2 2 2 1 1	27-ECAM 27-ECAM 27-ECAM 27-ECAM
SEC2 MON OR INPUT OF THS ACTR XDCR3 9CE 27 SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR 27 31CE9 SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR 27 31CE9 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING TO L B ELEV SERVO VLV 34CE1 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27	79434 79434 79434 79434 79434 79434	EFCS EFCS EFCS	<ul><li>2</li><li>1</li><li>1</li><li>2</li><li>1</li></ul>	27-ECAM 27-ECAM 27-ECAM
SEC2 MON OR INPUT OF THS ACTR XDCR3 9CE 27 SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR 27 31CE9 SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR 27 31CE9 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING TO L B ELEV SERVO VLV 34CE1 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27	79434 79434 79434 79434 79434 79434	EFCS EFCS EFCS	<ul><li>2</li><li>1</li><li>1</li><li>2</li><li>1</li></ul>	27-ECAM 27-ECAM
SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR 27 31CE9 SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR 27 31CE9 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 SEC2 MON OR WIRING TO L B ELEV SERVO VLV 34CE1 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27	79434 79434 79434 79434 79434	EFCS EFCS	1 1 2 1	27-ECAM
31CE9 SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR 27 31CE9 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 SEC2 MON OR WIRING TO L B ELEV SERVO VLV 34CE1 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27	79434 79434 79434 79434	EFCS EFCS	2 1	27-ECAM
SEC2 MON OR WIRING FROM L SPLR 5 POS XDCR 27 31CE9 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING TO L B ELEV SERVO VLV 34CE1 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27	79434 79434 79434	EFCS		
31CE9 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING TO L B ELEV SERVO VLV 34CE1 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27	79434 79434 79434	EFCS		
SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING TO L B ELEV SERVO VLV 34CE1 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27	79434 79434		1 1	27-ECAM
31CE1O SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE1O SEC2 MON OR WIRING TO L B ELEV SERVO VLV 34CE1 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27	79434 79434			2. 20
SEC2 MON OR WIRING FROM R SPLR 5 POS XDCR 27 31CE10 SEC2 MON OR WIRING TO L B ELEV SERVO VLV 34CE1 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27	79434	EFCS		
31CE1O SEC2 MON OR WIRING TO L B ELEV SERVO VLV 34CE1 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27	79434		2 1	27-ECAM
SEC2 MON OR WIRING TO L B ELEV SERVO VLV 34CE1 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27			- '	LI LUMII
SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27 SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27		FFCS	2 1	27-ECAM
SEC2 MON OR WIRING TO L B ELEV SOL VLV 34CE3 27	79434	EFCS		27-ECAM
SECT MON OR WITHING TO L B ELEV SOL VIV 7/057 27	79434			27-ECAM
	79434			27-ECAM
	79434			27-ECAM
SEC2 MON OR WIRING TO L G ELEV SERVO VLV 34CE3 27				27-ECAM
SEC2 MON OR WIRING TO L G ELEV SERVO VLV 34CE1 27				27-ECAM
SEC2 MON OR WIRING TO L G ELEV SERVO VLV 34CET 27 SEC2 MON OR WIRING TO L G ELEV SERVO VLV 34CE1 27				27-ECAM
	79434			27-ECAM
	79434			
				27-ECAM
	79434			27-ECAM
	79434			27-ECAM
SEC2 MON OR WIRING TO R Y ELEV SERVO VLV 34CE2 27				27-ECAM
SEC2 MON OR WIRING TO R Y ELEV SERVO VLV 34CE2 27				27-ECAM
SEC2 MON OR WIRING TO R Y ELEV SERVO VLV 34CE2 27				27-ECAM
SEC2 MON OR WIRING TO R Y ELEV SERVO VLV 34CE2 27				
	79434			27-ECAM
	79434			22-ECAM
	79434			27-ECAM
	79434			22-ECAM
	79434			27-ECAM
	79434			22-ECAM
	79434			27-ECAM
	79434			22-ECAM
	79434			27-ECAM
SEC2 OR BUS 2 FROM IR1 27	79434	<b>EFCS</b>	1 2	27-ECAM

EFF: ALL

**I-CFDS** 

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CFDS ME	ESSAGES	ATA	SOURCE	CLASS	CH-PB101
SEC2 OR	R BUS 2 FROM IR1	279434	EFCS 2	2	27-ECAM
	R BUS 2 FROM IR2		EFCS 1	2	27-ECAM
	R BUS 2 FROM IR2		EFCS 2	2	27-ECAM
	R INPUT OF CAPT PITCH CTL SSTU 4CE3	279434		1	27-ECAM
	R INPUT OF CAPT PITCH CTL SSTU 4CE3	279434		2	27-ECAM
	R INPUT OF CAPT PITCH CTL SSTU 4CE3	279434		1	27-ECAM
	R INPUT OF CAPT PITCH CTL SSTU 4CE3		EFCS 2	2	27-ECAM
	R INPUT OF CAPT ROLL CTL SSTU 4CE1	279434		1	27-ECAM
	R INPUT OF CAPT ROLL CTL SSTU 4CE1	279434		2	27-ECAM
	R INPUT OF CAPT ROLL CTL SSTU 4CE1		EFCS 2	1	27-ECAM
	R INPUT OF CAPT ROLL CTL SSTU 4CE1		EFCS 2	2	27-ECAM
	R INPUT OF F/O PITCH CTL SSTU 4CE4	279434		1	27-ECAM
	R INPUT OF F/O PITCH CTL SSTU 4CE4	279434		2	27-ECAM
	R INPUT OF F/O PITCH CTL SSTU 4CE4		EFCS 2	1	27-ECAM
	R INPUT OF F/O PITCH CTL SSTU 4CE4		EFCS 2	2	27-ECAM
	R INPUT OF F/O ROLL CTL SSTU 4CE2	279434		1	27-ECAM
	R INPUT OF F/O ROLL CTL SSTU 4CE2	279434		2	27-ECAM
	R INPUT OF F/O ROLL CTL SSTU 4CE2		EFCS 2	1	27-ECAM
	R INPUT OF F/O ROLL CTL SSTU 4CE2		EFCS 2	2	27-ECAM
	R INPUT OF L THROTTLE CTL UNIT 8KS1	279434		2	27-ECAM
	R INPUT OF L THROTTLE CTL UNIT 8KS1		EFCS 2	2	27-ECAM
	R INPUT OF R THROTTLE CTL UNIT 8KS2	279434		2	27-ECAM
	R INPUT OF R THROTTLE CTL UNIT 8KS2		EFCS 2	2	27-ECAM
	R INPUT OF SPBK CTL XDCR UNIT 7CE	279434		2	27-ECAM
SEC2 OR	R INPUT OF SPBK CTL XDCR UNIT 7CE		EFCS 2	2	27-ECAM
SEC2 OR	R INPUT OF WHEEL TACHOMETER	279434		2	27-ECAM
	R INPUT OF WHEEL TACHOMETER	279434		2	32-ECAM
SEC2 OR	R INPUT OF WHEEL TACHOMETER	279434		2	27-ECAM
	R INPUT OF WHEEL TACHOMETER	279434		2	32-ECAM
	R OUTPUT TO THS ACTR SERVO MOT3 9CE			2	27-ECAM
	R OUTPUT TO THS ACTR SERVO MOTS 9CE			2	27-ECAM
	R WIRING FROM ACCLRM 3 12CE3	279434		2	27-ECAM
	R WIRING FROM ACCLRM 3 12CE3	279434		2	27-ECAM
	R WIRING FROM ACCERM 4 12CE4		EFCS 1	2	27-ECAM
	R WIRING FROM ACCERM 4 12CE4	_	EFCS 2	2	_
	R WIRING FROM B HYD PRESS SW2		EFCS 1	2	27-ECAM
	R WIRING FROM B HYD PRESS SW2		EFCS 2	2	27-ECAM
	R WIRING FROM G HYD PRESS SW2		EFCS 1	2	27-ECAM
	R WIRING FROM G HYD PRESS SW2		EFCS 2	2	27-ECAM
	R WIRING FROM L B ELEV MODE XDCR 34CE3	279434		2	27-ECAM
	R WIRING FROM L B ELEV MODE XDCR 34CE3		EFCS 2	2	27-ECAM
	R WIRING FROM L B ELEV MODE XDCR 34CES	279434		1	27-ECAM
	R WIRING FROM L ELEV POS MON ADER		EFCS 1	2	27-ECAM
	R WIRING FROM L ELEV POS MON XDCR		EFCS 2	1	27-ECAM
	R WIRING FROM L ELEV POS MON XDCR		EFCS 2	2	27-ECAM
	R WIRING FROM L ELEV POS MON ADCR R WIRING FROM L G ELEV POS ADCR 34CE1	279434		1	
			EFCS 1	2	27-ECAM
	R WIRING FROM L G ELEV POS XDCR 34CE1 R WIRING FROM L G ELEV POS XDCR 34CE1		EFCS 2	1	27-ECAM 27-ECAM
SEUZ UK	WIKING FROM L G ELEV PUS AVER 54CET	Z17434	EFUS 2	ı	ZI TECAM

EFF: ALL

**I-CFDS** 

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CFDS MESSAGES	ATA SO	JRCE	CLASS	CH-PB101
SEC2 OR WIRING FROM L G ELEV POS XDCR 34CE1	279434 EF	CS 2	2	27-ECAM
SEC2 OR WIRING FROM R B ELEV MODE XDCR 34CE4	279434 EF	CS 1	1	27-ECAM
SEC2 OR WIRING FROM R B ELEV MODE XDCR 34CE4	279434 EF	CS 1	2	27-ECAM
SEC2 OR WIRING FROM R B ELEV MODE XDCR 34CE4	279434 EF	CS 2	1	27-ECAM
SEC2 OR WIRING FROM R B ELEV MODE XDCR 34CE4	279434 EF	CS 2	2	27-ECAM
SEC2 OR WIRING FROM R ELEV POS MON XDCR	279434 EF	CS 1	1	27-ECAM
SEC2 OR WIRING FROM R ELEV POS MON XDCR	279434 EF	CS 1	2	27-ECAM
SEC2 OR WIRING FROM R ELEV POS MON XDCR	279434 EF	CS 2	1	27-ECAM
SEC2 OR WIRING FROM R ELEV POS MON XDCR	279434 EF		2	27-ECAM
SEC2 OR WIRING FROM R Y ELEV POS XDCR 34CE2	279434 EF		1	27-ECAM
SEC2 OR WIRING FROM R Y ELEV POS XDCR 34CE2	279434 EF		2	27-ECAM
SEC2 OR WIRING FROM R Y ELEV POS XDCR 34CE2	279434 EF		1	27-ECAM
SEC2 OR WIRING FROM R Y ELEV POS XDCR 34CE2	279434 EF		2	27-ECAM
SEC2 OR WIRING FROM SFCC1	279434 EF		2	27-ECAM
SEC2 OR WIRING FROM SFCC1	279434 EF		2	27-ECAM
SEC2 OR WIRING FROM SFCC2	279434 EF		2	27-ECAM
SEC2 OR WIRING FROM SFCC2	279434 EF		2	27-ECAM
SEC2 OR WIRING FROM Y HYD PRESS SW2	279434 EF		2	27-ECAM
			2	
SEC2 OR WIRING FROM Y HYD PRESS SW2	279434 EF			27-ECAM
SEC2 OR WIRING TO L B ELEV MODE XDCR 34CE3	279434 EF		1	27-ECAM
SEC2 OR WIRING TO L B ELEV MODE XDCR 34CE3	279434 EF		1	27-ECAM
SEC2 PERMANENT IDLE OF L THROTTLE CTL UNIT 8KS1	279434 EF	CS 1	2	27-ECAM
SEC2 PERMANENT IDLE OF L THROTTLE CTL UNIT 8KS1	279434 EF	CS 2	2	27-ECAM
SEC2 PERMANENT IDLE OF R THROTTLE CTL UNIT	279434 EF	CS 1	2	27-ECAM
8KS2 SEC2 PERMANENT IDLE OF R THROTTLE CTL UNIT	279434 EF	CS 2	2	27-ECAM
8K\$2	2=2/=/ ==			<b>=0</b>
SEC2(1CE2)/BSCU(10GG)	279434 BS			32-ECAM
SEC2(1CE2)/BSCU(10GG)	279434 BS			32-ECAM
SEC3	279434 EF			27-ECAM
SEC3	279434 EF			27-ECAM
SEC3 COM BUS 1	279434 EF		2	27-ECAM
SEC3 COM BUS 1	279434 EF			
SEC3 COM BUS 3	279434 EF	CS 1	1	27-ECAM
SEC3 COM BUS 3 SEC3 COM OR BUS 5 FROM FCDC1 SEC3 COM OR BUS 5 FROM FCDC1	279434 EF	CS 2	1	27-ECAM
SEC3 COM OR BUS 5 FROM FCDC1	217434 EF	เรา	_	Z/-ELAM
SECS COM OR BOS S I ROM I COCI	279434 EF	CS 2	2	27-ECAM
SEC3 COM OR WIRING FROM L SPLR 1 POS XDCR	279434 EF	CS 1	1	27-ECAM
31CE1				
SEC3 COM OR WIRING FROM L SPLR 1 POS XDCR 31CE1	279434 EF	CS 2	1	27-ECAM
SEC3 COM OR WIRING FROM L SPLR 2 POS XDCR 31CE3	279434 EF	CS 1	1	27-ECAM
SEC3 COM OR WIRING FROM L SPLR 2 POS XDCR	279434 EF	CS 2	1	27-ECAM
31CE3 SEC3 COM OR WIRING FROM R SPLR 1 POS XDCR	279434 EF	CS 1	1	27-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
SEC3 COM OR WIRING FROM R SPLR 1 POS XDCR	279434	EFCS 2	1	27-ECAM
31CE2				
SEC3 COM OR WIRING FROM R SPLR 2 POS XDCR	279434	EFCS 1	1	27-ECAM
31CE4				
SEC3 COM OR WIRING FROM R SPLR 2 POS XDCR	279434	EFCS 2	1	27-ECAM
31CE4				
31CE4 SEC3 MON BUS 1 SEC3 MON BUS 1 SEC3 MON BUS 3 SEC3 MON BUS 3 SEC3 MON BUS 3 SEC3 MON OR BUS 6 FROM FCDC2	279434	EFCS 1	2	27-ECAM
SEC3 MON BUS 1	279434	EFCS 2	2	27-ECAM
SEC3 MON BUS 3	279434	EFCS 1	1	27-ECAM
SEC3 MON BUS 3	279434	EFCS 2	1	27-ECAM
SEC3 MON BUS 3 SEC3 MON OR BUS 6 FROM FCDC2	279434	EFCS 1	2	27-ECAM
SEC3 MON OR BUS 6 FROM FCDC2	279434	EFCS 2	2	27-ECAM
SEC3 MON OR WIRING FROM L SPLR 1 POS XDCR	279434	EFCS 1	1	27-ECAM
31CE1				
SEC3 MON OR WIRING FROM L SPLR 1 POS XDCR	279434	EFCS 2	1	27-ECAM
31CE1				
SEC3 MON OR WIRING FROM L SPLR 2 POS XDCR	279434	EFCS 1	1	27-ECAM
31CE3				
SEC3 MON OR WIRING FROM L SPLR 2 POS XDCR	279434	EFCS 2	1	27-ECAM
31CE3				
SEC3 MON OR WIRING FROM R SPLR 1 POS XDCR	279434	EFCS 1	1	27-ECAM
31CE2				
SEC3 MON OR WIRING FROM R SPLR 1 POS XDCR	279434	EFCS 2	1	27-ECAM
31CE2				_
SEC3 MON OR WIRING FROM R SPLR 2 POS XDCR	279434	EFCS 1	1	27-ECAM
31CE4			_	<b></b>
SEC3 MON OR WIRING FROM R SPLR 2 POS XDCR	279434	EFCS 2	1	27-ECAM
31CE4	270/7/		2	27 - 50 - 14
SEC3 OR BUS 1 FROM ELAC1 MON SEC3 OR BUS 1 FROM ELAC1 MON	279454	EFCS 1	2	27-ECAM
SEC3 OR BUS 1 FROM ELAC1 MON	279454	EFUS 2	2	27-ECAM
	279434			27-ECAM
SEC3 OR BUS 1 FROM ELAC2 COM	_	EFCS 2		27-ECAM
SEC3 OR BUS 2 FROM ADR2		EFCS 1	2	27-CFDS
SEC3 OR BUS 2 FROM ADR2		EFCS 2	2	22-ECAM
SEC3 OR BUS 2 FROM ADR2		EFCS 2	2	27-CFDS
SEC3 OR BUS 2 FROM ADR2		EFCS 2	2	27-ECAM
SEC3 OR BUS 2 FROM ADR3		EFCS 1	2	22-ECAM
SEC3 OR BUS 2 FROM ADR3		EFCS 1	2	27-CFDS
SEC3 OR BUS 2 FROM ADR3		EFCS 1	2	27-ECAM
SEC3 OR BUS 2 FROM ADR3		EFCS 2	2	22-ECAM
SEC3 OR BUS 2 FROM ADR3		EFCS 2	2	27-CFDS
SEC3 OR BUS 2 FROM ADR3		EFCS 2	2	27-ECAM
SEC3 OR BUS 2 FROM IR2		EFCS 1	2	27-CFDS
SEC3 OR BUS 2 FROM IR2		EFCS 2	2	27-CFDS
SEC3 OR BUS 2 FROM IR3		EFCS 1	2	27-CFDS
SEC3 OR BUS 2 FROM IR3		EFCS 2	2	27-CFDS
SEC3 OR INPUT OF CAPT ROLL CTL SSTU 4CE1	219454	EFCS 1	1	27-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
SEC3 OR INPUT OF CAPT ROLL CTL SSTU 4CE1			2	27-ECAM
SEC3 OR INPUT OF CAPT ROLL CTL SSTU 4CE1	279434		1	27-ECAM
SEC3 OR INPUT OF CAPT ROLL CTL SSTU 4CE1	279434		2	27-ECAM
SEC3 OR INPUT OF F/O ROLL CTL SSTU 4CE2	279434	EFCS 1	1	27-ECAM
SEC3 OR INPUT OF F/O ROLL CTL SSTU 4CE2	279434	EFCS 1	2	27-ECAM
SEC3 OR INPUT OF F/O ROLL CTL SSTU 4CE2	279434	EFCS 2	1	27-ECAM
SEC3 OR INPUT OF F/O ROLL CTL SSTU 4CE2	279434	EFCS 2	2	27-ECAM
SEC3 OR INPUT OF L THROTTLE CTL UNIT 8KS1	279434	EFCS 1	1	27-ECAM
SEC3 OR INPUT OF L THROTTLE CTL UNIT 8KS1	279434	EFCS 2	1	27-ECAM
SEC3 OR INPUT OF R THROTTLE CTL UNIT 8KS2	279434	EFCS 1	1	27-ECAM
SEC3 OR INPUT OF R THROTTLE CTL UNIT 8KS2	279434	EFCS 2	1	27-ECAM
SEC3 OR INPUT OF SPBK CTL XDCR UNIT 7CE	279434	EFCS 1	1	27-ECAM
SEC3 OR INPUT OF SPBK CTL XDCR UNIT 7CE	279434	EFCS 2	1	27-ECAM
SEC3 OR INPUT OF WHEEL TACHOMETER	279434		2	27-ECAM
SEC3 OR INPUT OF WHEEL TACHOMETER	279434		2	32-ECAM
SEC3 OR INPUT OF WHEEL TACHOMETER SEC3 OR INPUT OF WHEEL TACHOMETER SEC3 OR INPUT OF WHEEL TACHOMETER	279434		2	27-ECAM
SEC3 OR INPUT OF WHEEL TACHOMETER	279434		2	32-ECAM
SEC3 OR WIRING FROM B HYD PRESS SW2	279434		2	27-ECAM
SEC3 OR WIRING FROM B HYD PRESS SW2	279434		2	27-ECAM
SEC3 OR WIRING FROM G HYD PRESS SW2	279434		2	27-ECAM
SEC3 OR WIRING FROM G HYD PRESS SW2	279434		2	27-ECAM
SEC3 OR WIRING FROM SFCC1	279434		2	27-CFDS
SEC3 OR WIRING FROM SFCC1	279434		2	27-ECAM
SEC3 OR WIRING FROM SFCC1	279434		2	27-CFDS
SEC3 OR WIRING FROM SFCC1	279434		2	27-ECAM
SEC3 OR WIRING FROM SFCC2	279434		2	27-CFDS
SEC3 OR WIRING FROM SFCC2	279434		2	27-ECAM
SEC3 OR WIRING FROM SFCC2	279434		2	27-CFDS
SEC3 OR WIRING FROM SFCC2	279434		2	27-ECAM
SEC3 OR WIRING FROM Y HYD PRESS SW2	279434		2	27-ECAM
SEC3 OR WIRING FROM Y HYD PRESS SW2	279434		2	27-ECAM
SEC3 PERMANENT IDLE OF L THROTTLE CTL UNIT			2	27-ECAM
8KS1	217434	LIC3 I	۷	ZI LUAN
SEC3 PERMANENT IDLE OF L THROTTLE CTL UNIT	279434	EECS 2	2	27-ECAM
8KS1	217434	LICS Z	2	ZI-ECAM
SEC3 PERMANENT IDLE OF R THROTTLE CTL UNIT	270/7/	EFCS 1	2	27-ECAM
SECS PERMANENT TILE OF R THROTTLE CIL UNIT	217434	Ercs I	2	ZI-ECAM
SEC3 PERMANENT IDLE OF R THROTTLE CTL UNIT	270/7/	EFCS 2	2	27-ECAM
	219434	EFUS Z	2	ZI-ECAM
8K\$2	270/7/	DCCII 1	4	72 FCAM
SEC3(1CE3)/BSCU(10GG)		BSCU 1	1	32-ECAM
SEC3(1CE3)/BSCU(10GG)		BSCU 2		32-ECAM
SENSOR FAILURE	ASD	APU	*	49-ECAM
SERIAL NUMBER ENCORE 20	497351		3	49-CFDS
SERIAL NUMBER ENCODER (8061KM)	497331		3	49-CFDS
SFCC 1 FLP HALF SPEED CHECK PCU 6201CM	215451	3FUU 1	1	27-ECAM
	275451		1	
SFCC 1 FLP UNCOMM MOVE CHECK PCU 6201CM			1	
SFCC 1 SLT HALF SPEED CHECK PCU 6001CM	218451	SFCC 1	1	27-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
SFCC 1 SLT HALF SPEED CHECK PCU 6001CM	278451	SFCC 1	1	
SFCC 1 SLT UNCOMM MOVE CHECK PCU 6001CM	278451	SFCC 1	1	27-ECAM
SFCC 2 FLP HALF SPEED CHECK PCU 6201CM		SFCC 2		27-ECAM
SFCC 2 FLP HALF SPEED CHECK PCU 6201CM		SFCC 2		27-0BSV
SFCC 2 FLP UNCOMM MOVE CHECK PCU 6201CM		SFCC 2		27-ECAM
SFCC 2 SLT HALF SPEED CHECK PCU 6001CM		SFCC 2		27-ECAM
SFCC 2 SLT HALF SPEED CHECK PCU 6001CM		SFCC 2		27-0BSV
SFCC 2 SLT UNCOMM MOVE CHECK PCU 6001CM		SFCC 2		27-ECAM
SFCC1		EFCS 1		27-ECAM
SFCC1		EFCS 2		27-ECAM
SFCC1 (21CV) / DMU (1TV) SFCC1 (21CV) / FDIMU (10TV)	275134		3	27-CFDS
SFCC1 (21CV) / FDIMU (10TV)	275134			27-CFDS
SFCC1 - FLAP		EFCS 1		27-ECAM
SFCC1 - FLAP		EFCS 2		27-ECAM
SFCC1 - SLAT		EFCS 1		27-ECAM
SFCC1 - SLAT		EFCS 2		27-ECAM
SFCC1 OR FLP FPPU		SFCC 1		27-ECAM
SFCC1 OR FLP FPPU		SFCC 1		27-0BSV
SFCC1 OR FLP LH APPU		SFCC 1		27-ECAM
SFCC1 OR FLP LH APPU	275100	SFCC 1	1	27-0BSV
SFCC1 OR FLP PCU VALVEBLOCK	275100	SFCC 1	1	27-ECAM
SFCC1 OR FLP PCU VALVEBLOCK	275100	SFCC 1	1	27-0BSV
SFCC1 OR FLP PPU POWER	275100	SFCC 1	1	27-CFDS
SFCC1 OR FLP PPU POWER	275100	SFCC 1	1	27-ECAM
SFCC1 OR FLP PPU POWER	275100	SFCC 1	1	27-0BSV
SFCC1 OR FLP RH APPU	275100	SFCC 1	1	27-ECAM
SFCC1 OR FLP RH APPU	275100	SFCC 1	1	27-0BSV
SFCC1 OR SLAT PCU VALVEBLOCK	278100	SFCC 1	1	27-ECAM
SFCC1 OR SLAT PCU VALVEBLOCK	278100	SFCC 1	1	27-0BSV
SFCC1 OR SLT FPPU	278100	SFCC 1	1	27-ECAM
SFCC1 OR SLT FPPU	278100	SFCC 1	1	27-0BSV
SFCC1 OR SLT LH APPU	278100	SFCC 1	1	27-ECAM
SFCC1 OR SLT LH APPU	278100	SFCC 1	1	27-0BSV
SFCC1 OR SLT PPU POWER	278100	SFCC 1	1	27-ECAM
SFCC1 OR SLT PPU POWER	278100	SFCC 1	1	27-0BSV
SFCC1 OR SLT RH APPU	278100	SFCC 1	1	27-ECAM
SFCC1 OR SLT RH APPU	278100	SFCC 1	1	27-0BSV
SFCC1 21CV	275134	SFCC 1	1	27-ECAM
SFCC1 21CV	275134	SFCC 1	1	27-0BSV
SFCC1(21CV)/GPWC(100SG)	275134	GPWC	1	27-CFDS
SFCC1(21CV)/GPWC(100SG)	275134	GPWC	3	27-CFDS
SFCC1(21CV)/GPWS FLP MOD SW(7WZ)/GPWC(100SG)	275134	GPWC	1	27-CFDS
SFCC1(21CV)/GPWS FLP MOD SW(7WZ)/GPWC(100SG)	275134		1	34-ECAM
SFCC1(21CV)/GPWS FLP MODE SW(7WZ)/GPWC(100SG)			1	21-CFDS
SFCC1(21CV)/GPWS FLP MODE SW(7WZ)/GPWC(100SG)			1	34-ECAM
SFCC1(21CV)/SFCC2(22CV)/ ADIRU1 (1FP1)	275134		3	27-CFDS
the state of the s				
SFCC1(21CV)/SFCC2(22CV)/ ADIRU2(1FP2)	275134	ADR 2	2	27-CFDS

EFF: ALL

**I-CFDS** 

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SROS

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
SFCC1/2 (21CV/22CV)/ ADIRU1(1FP1) AOA INPUT A	275134	ADR 1		27-CFDS
SFCC1/2 (21CV/22CV)/ ADIRU1(1FP1) AOA INPUT B	275134	ADR 1	3	27-CFDS
SFCC1/2 (21CV/22CV)/ ADIRU2(1FP2) AOA INPUT A	275134	ADR 2	2	27-CFDS
SFCC1/2 (21CV/22CV)/ ADIRU2(1FP2) AOA INPUT B	275134	ADR 2	2	27-CFDS
SFCC1/2 (21CV/22CV)/ ADIRU3(1FP3) AOA INPUT A	275134	ADR 3	2	27-CFDS
SFCC1/2 (21CV/22CV)/ ADIRU3(1FP3) AOA INPUT A			2	34-ECAM
SFCC1/2 (21CV/22CV)/ ADIRU3(1FP3) AOA INPUT B	275134	ADR 3	2	27-CFDS
SFCC2		EFCS 1		27-ECAM
SFCC2	275134	EFCS 2	2	27-ECAM
FCC2 (22CV) / DMU (1TV)	275134		3	27-CFDS
SFCC2 (22CV) / DMU (1TV) SFCC2 (22CV) / FDIMU (10TV) SFCC2 - FLAP SFCC2 - FLAP	275134		3	27-CFDS
SFCC2 - FLAP	275134	EFCS 1		27-ECAM
SFCC2 - FLAP	275134	EFCS 2		27-ECAM
FCC2 - SLAT		EFCS 2		27-ECAM
FCC2 OR FLP FPPU		SFCC 2		27-ECAM
FCC2 OR FLP FPPU		SFCC 2		27-0BSV
FCC2 OR FLP LH APPU		SFCC 2		27-ECAM
FCC2 OR FLP LH APPU		SFCC 2		27-0BSV
FCC2 OR FLP PCU VALVEBLOCK		SFCC 2		27-ECAM
FCC2 OR FLP PCU VALVEBLOCK		SFCC 2		27-0BSV
FCC2 OR FLP PPU POWER		SFCC 2		27-CFDS
FCC2 OR FLP PPU POWER		SFCC 2		27-ECAM
FCC2 OR FLP PPU POWER		SFCC 2		27-0BSV
FCC2 OR FLP RH APPU		SFCC 2		27-ECAM
FCC2 OR FLP RH APPU		SFCC 2		27-0BSV
FCC2 OR SLAT PCU VALVEBLOCK		SFCC 2		27-ECAM
FCC2 OR SLAT PCU VALVEBLOCK		SFCC 2		27-0BSV
FCC2 OR SLT FPPU		SFCC 2		27-ECAM
FCC2 OR SLT FPPU		SFCC 2		27-0BSV
FCC2 OR SLT LH APPU		SFCC 2		27-ECAM
FCC2 OR SLT LH APPU		SFCC 2		27-0BSV
FCC2 OR SLT PPU POWER		SFCC 2		27-ECAM
FCC2 OR SLT PPU POWER		SFCC 2		27-0BSV
FCC2 OR SLT RH APPU		SFCC 2		27-ECAM
FCC2 OR SLT RH APPU		SFCC 2		27-0BSV
FCC2 SLAT		EFCS 1	2	27-ECAM
FCC2 22CV		SFCC 2	1	27-ECAM
FCC2 22CV		SFCC 2	1	27-0BSV
HUNT 3PB1/BCL1 CIRCUIT	243800		1	24-ECAM
HUNT 3PB2/BCL2 CIRCUIT	243800		1	24-ECAM
INGLE MOTOR OPERATION		SFCC 1	3	27-CFDS
INGLE MOTOR OPERATION		SFCC 2	3	27-CFDS
INGLE MOTOR OPERATION		SFCC 1	3	27-CFDS
INGLE MOTOR OPERATION		SFCC 2	3	27-CFDS
KIN AIR INLET V 15HQ	212652		1	21-ECAM
KIN AIR OUTLET V 22HQ	212653		1	21-ECAM
SKIN TEMP SENSOR 28HQ	212613	AEVC	3	21-CFDS
SKIN TEMP SENSOR 28HQ	212613		3	21-0BSV

EFF: ALL

SROS

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
SLIDE BOTTLE AFT L		CIDS 1		25-CFDS
SLIDE BOTTLE AFT L	256200	CIDS 2	1	25-CFDS
SLIDE BOTTLE AFT R	256200	CIDS 1	1	25-CFDS
SLIDE BOTTLE AFT R	256200	CIDS 2	1	25-CFDS
SLIDE BOTTLE EMER L	256200	CIDS 1	1	25-CFDS
SLIDE BOTTLE EMER L	256200	CIDS 2	1	25-CFDS
SLIDE BOTTLE EMER R	256200	CIDS 1	1	25-CFDS
SLIDE BOTTLE EMER R	256200	CIDS 2	1	25-CFDS
SLIDE BOTTLE EXIT L	256200	CIDS 1	1	25-CFDS
SLIDE BOTTLE EXIT L	256200	CIDS 2	1	25-CFDS
SLIDE BOTTLE EXIT R	256200	CIDS 1	1	25-CFDS
SLIDE BOTTLE EXIT R		CIDS 2		25-CFDS
SLIDE BOTTLE FWD L		CIDS 1		25-CFDS
SLIDE BOTTLE FWD L		CIDS 2		25-CFDS
SLIDE BOTTLE FWD R		CIDS 1		25-CFDS
SLIDE BOTTLE FWD R		CIDS 2		25-CFDS
SLIDE BOTTLE MID L		CIDS 1		25-CFDS
SLIDE BOTTLE MID R		CIDS 1	1	25-CFDS
SLT ASYMMETRY LH CHECK SLT MECH DRIVE		SFCC 1	=	27-CFDS
SIT ASSMMETES IN CHECK SIT WELH DELVE	278000	SECC 2	1	27-CFDS
SLT ASYMMETRY RH CHECK SLT MECH DRIVE	278000	SECC 1	1	27-CFDS
SIT ASYMMETRY RH CHECK SIT MECH DRIVE	278000	SFCC 2	1	27-CFDS
SLT ASYMMETRY RH CHECK SLT MECH DRIVE SLT FPPU 28 CV OR WIRING TO SFCC	278119	SFCC 1	1	27-CFDS
SIT FPPH 28 CV OR WIRING TO SECC	278119	SFCC 1 SFCC 2 SFCC 1 SFCC 2 SFCC 1 SFCC 1 SFCC 2 SFCC 2	1	27-CFDS
SLT FPPU 28 CV OR WIRING TO SFCC SLT FPPU 28CV OR WIRING TO SLT 1 SLT FPPU 28CV OR WIRING TO SLT 1	278119	SFCC 1	1	27-ECAM
SIT FPPH 28CV OR WIRING TO SIT 1	278119	SFCC 1	1	27-0BSV
SIT FPPH 28CV OR WIRING TO SIT 2	278119	SFCC 2	1	27-ECAM
SIT FPPH 28CV OR WIRING TO SIT 2	278119	SFCC 2	1	27-0BSV
SLT FPPU 28CV OR WIRING TO SLT 2 SLT FPPU 28CV OR WIRING TO SLT 2 SLT HALF SPEED-CHK PCU		SFCC 1		27-CFDS
SLT HALF SPEED-CHK PCU	278451	SFCC 2	2	27-CFDS
SLT LH APPU 31 CV OR WIRING TO SFCC	278118	SFCC 2 SFCC 1 SFCC 2	1	27-CFDS
SLT LH APPU 31 CV OR WIRING TO SFCC	278118	SFCC 2	1	27-CFDS
SLT LH WTB BLU SOLENOID 35 CV OR WIRING TO	278151	SFCC 1	1	27-CFDS
SFCC	210151	3100 1	•	ET CIDS
SLT LH WTB BLU SOLENOID 35CV OR WIRING TO SLT	278151	SFCC 1	1	27-ECAM
SLT LH WTB GRN SOLENOID 35 CV OR WIRING TO SFCC	278151	SFCC 2	1	27-CFDS
SLT LH WTB GRN SOLENOID 35CV OR WIRING TO SLT 2	278151	SFCC 2	1	27-ECAM
SLT OVERSPEED CHECK SLT MECH DRIVE	278000	SFCC 1	1	27-CFDS
SLT OVERSPEED CHECK SLT MECH DRIVE		SFCC 2		27-CFDS
SLT OVERSPEED LH CHECK SLT MECH DRIVE		SFCC 1		27-CFDS
SLT OVERSPEED LH CHECK SLT MECH DRIVE		SFCC 2		27-CFDS
SLT OVERSPEED RH CHECK SLT MECH DRIVE		SFCC 1		27-CFDS
		SFCC 2		27-CFDS
SLT PIN PROG DISAGREE AIRCRAFT TYPE		SFCC 1		27-CFDS
SLT PIN PROG DISAGREE AIRCRAFT TYPE		SFCC 2		27-CFDS
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EFF: ALL

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
SLT PIN PROG DISAGREE FUNCTIONAL SLT PIN PROG DISAGREE FUNCTIONAL SLT RH APPU 32 CV OR WIRING TO SFCC	275134	SFCC 1	1	27-CFDS
SLT PIN PROG DISAGREE FUNCTIONAL	275134	SFCC 2	1	27-CFDS
SLT RH APPU 32 CV OR WIRING TO SFCC	278118	SFCC 1	1	27-CFDS
SLT RH APPU 32 CV OR WIRING TO SFCC	278118	SFCC 2	1	27-CFDS
SLT RH WTB BLU SOLENOID 36 CV OR WIRING TO	278151	SFCC 1	1	27-CFDS
SFCC				
SLT RH WTB BLU SOLENOID 36CV OR WIRING TO SLT 1	278151	SFCC 1	1	27-ECAM
SLT RH WTB GRN SOLENOID 36 CV OR WIRING TO SFCC	278151	SFCC 2	1	27-CFDS
SLT RH WTB GRN SOLENOID 36CV OR WIRING TO SLT 2				27-ECAM
SLT RUNAWAY CHECK SLT MECH DRIVE SLT RUNAWAY CHECK SLT MECH DRIVE SLT SYS LOCKED CHECK SFCC 1 & SFCC 2 SLT SYS LOCKED CHECK SFCC 1 & SFCC 2 SLT SYSTEM JAM CHECK SLT MECH DRIVE	278000	SFCC 1	1	27-CFDS
SLT RUNAWAY CHECK SLT MECH DRIVE	278000	SFCC 2	1	27-CFDS
SLT SYS LOCKED CHECK SFCC 1 & SFCC 2	278100	SFCC 1	1	27-ECAM
SLT SYS LOCKED CHECK SFCC 1 & SFCC 2	278100	SFCC 2	1	27-ECAM
SLT SYSTEM JAM CHECK SLT MECH DRIVE	278000	SFCC 1	1	27-CFDS
SLT SYSTEM JAM CHECK SLT MECH DRIVE	278000	SFCC 2	1	27-CFDS
SLT UNCOMMANDED MOVEMENT CHECK SLT PCU	278451	SFCC 1	1	27-CFDS
SLT UNCOMMANDED MOVEMENT CHECK SLT PCU	278451	SFCC 2	1	27-CFDS
SLT 1 ASYMMETRY LH CHECK SLT MECH DRIVE			1	27-ECAM
SLT 1 ASYMMETRY RH CHECK SLT MECH DRIVE	278000	SFCC 1	1	27-ECAM
SLT 1 FAULTY SLT 2 DATA		SFCC 1	2	27-ECAM
SLT 1 FAULTY SLT 2 DATA CHECK SFCC 1 AND/OR 2	275134	SFCC 1	2	27-CFDS
SLT 1 NO ADIRU 2 DATA	341234	SFCC 1	2	27-ECAM
SLT 1 NO ADIRU 2 DATA	341234	SFCC 1	2	34-ECAM
SLT 1 NO SFCC 2 DATA	275134	SFCC 1	2	27-ECAM
SLT 1 NO SFCC 2 DATA CHECK WIRING & SFCC 2	275134	SFCC 1	2	27-CFDS
SLT 1 OVERSPEED CHECK SLT MECH DRIVE	278000	SFCC 1	1	27-ECAM
SLT 1 OVERSPEED LH CHECK SLT MECH DRIVE	278000	SFCC 1	1	27-ECAM
SLT 1 OVERSPEED RH CHECK SLT MECH DRIVE SLT 1 PCU VALVEBLOCK 25CV SLT 1 PCU VALVEBLOCK 25CV	278000	SFCC 1	1	27-ECAM
SLT 1 PCU VALVEBLOCK 25CV	278453	SFCC 1	1	27-ECAM
		SFCC 1	1	27-0BSV
SLT 1 PIN PROG DISAGREE AIRCRAFT TYPE	275134	SFCC 1	1	27-ECAM
SLT 1 PIN PROG DISAGREE AIRCRAFT TYPE		SFCC 1	1	27-0BSV
SLT 1 PIN PROG DISAGREE FUNCTIONAL		SFCC 1	1	27-ECAM
	275134		1	27-0BSV
	278000		1	27-ECAM
SLT 1 SYSTEM JAM CHECK SLT MECH DRIVE		SFCC 1	1	27-ECAM
SLT 1 WTB C/B 9CV		SFCC 1	1	27-ECAM
SLT 2 ASYMMETRY LH CHECK SLT MECH DRIVE		SFCC 2	1	27-ECAM
SLT 2 ASYMMETRY RH CHECK SLT MECH DRIVE		SFCC 2	1	27-ECAM
SLT 2 FAULTY SLT 1 DATA		SFCC 2	2	27-ECAM
SLT 2 FAULTY SLT 1 DATA CHECK SFCC 1 AND/OR 2				27-CFDS
SLT 2 NO ADIRU 2 DATA		SFCC 2		27-ECAM
SLT 2 NO ADIRU 2 DATA		SFCC 2		34-ECAM
SLT 2 NO SFCC 1 DATA		SFCC 2		27-ECAM
SLT 2 NO SFCC 1 DATA CHECK WIRING & SFCC 1	275134	SFCC 2	2	27-CFDS

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
	278000			27-ECAM
SLT 2 OVERSPEED LH CHECK SLT MECH DRIVE	278000	SFCC 2	1	27-ECAM
SLT 2 OVERSPEED RH CHECK SLT MECH DRIVE	278000	SFCC 2	1	27-ECAM
SLT 2 PCU VALVEBLOCK 26CV SLT 2 PCU VALVEBLOCK 26CV	278453	SFCC 2	1	27-ECAM
SLT 2 PCU VALVEBLOCK 26CV	278453	SFCC 2	1	27-0BSV
SLT 2 PIN PROG DISAGREE AIRCRAFT TYPE	275134	SFCC 2	1	27-ECAM
SLT 2 PIN PROG DISAGREE AIRCRAFT TYPE SLT 2 PIN PROG DISAGREE FUNCTIONAL	275134	SFCC 2	1	27-0BSV
SLT 2 PIN PROG DISAGREE FUNCTIONAL	275134	SFCC 2	1	27-ECAM
SLT 2 PIN PROG DISAGREE FUNCTIONAL	275134	SFCC 2	1	27-0BSV
CIT 3 DINAUAV CHECK CIT MECH NOTVE	270000	CECC 3	1	27-ECAM
SLT 2 SYSTEM JAM CHECK SLT MECH DRIVE SLT 2 WTB C/B 11CV SLT/FLP CSU 51CV OR WIRING TO FLP 1 SLT/FLP CSU 51CV OR WIRING TO FLP 1	278000	SFCC 2	1	27-ECAM
SLT 2 WTB C/B 11CV	278100	SFCC 2	1	27-ECAM
SLT/FLP CSU 51CV	275117	SFCC 1	1	27-ECAM
SLT/FLP CSU 51CV	275117	SECC 1	1	27-0BSV
SIT/FIP CSII 51CV	275117	SFCC 2	1	27-ECAM
SIT/FIP CSU 51CV	275117	SECC 2	1	27-0BSV
SIT/FID CSU 51CV OD WIDING TO FID 1	275117	SFCC 1	1	27-ECAM
SIT/FID CSU 51CV OR WIRING TO FID 1	275117	SECC 1	1	27-0BSV
SLIVELD CSU 54CV OR MIRING TO FLP 1	275117	SECC 3	1	27-063V 27-ECAM
DETAILE OUG STOT ON WINING TO TELL E		0.00 L	•	27-ECAM 27-OBSV
SLT/FLP CSU 51CV OR WIRING TO FLP 2 SLT/FLP CSU 51CV OR WIRING TO SLT 1	275111	3FUU Z	1	
	275117	3FUU 1	1	27-ECAM
SLT/FLP CSU 51CV OR WIRING TO SLT 1	275117	SFLL 1	1	27-0BSV
SLT/FLP CSU 51CV OR WIRING TO SLT 2 SLT/FLP CSU 51CV OR WIRING TO SLT 2 SLT/FLP 1 LEVER MECHANIC SLT/FLP 2 LEVER MECHANIC	2/511/	SFUU 2	1	27-ECAM
SLI/FLP USU 51UV OR WIRING TO SLI Z	2/511/	SFUU 2	1	27-0BSV
SLT/FLP 1 LEVER MECHANIC	275143	SFCC 1	1	27-ECAM
,			=	27-ECAM
SLT1 PCU VALVEBLOCK 25CV VALVE SENSOR 27-84-53			S	27-CFDS
SLT2 PCU VALVEBLOCK 26CV VALVE SENSOR 27-84-53			S	27-CFDS
SMK DET AFT LDCC (XWH)	261615		2	26-CFDS
SMK DET AFT LDCC (XWH) CONTAMINATION	261615	SDCU	3	26-CFDS
SMK DET AFT LDCC (XWH) SMK DET AFT LDCC (YWH)				26-ECAM
SMK DET FWD LDCC (XWH)	261615	SDCU	2	26-CFDS
SMK DET FWD LDCC (XWH) CONTAMINATION	261615	SDCU	3	26-CFDS
SMK DET FWD LDCC (XWH) SMK DET FWD LDCC (YWH)	261615	SDCU	1	26-ECAM
SMK DET LAV X	261715	SDCU	1	26-ECAM
SMK DET LAV X CONTAMINATION	261715	SDCU	3	26-CFDS
SMOKE DET LAV A (1WQ)	261715	SDCU	1	26-CFDS
SMOKE DET LAV A (1WQ)	261715	SDCU	1	26-ECAM
SMOKE DET LAV A (1WQ)	261715	SDCU	1	26-0BSV
SMOKE DET LAV B (2WQ)	261715	SDCU	1	26-CFDS
SMOKE DET LAV B (2WQ)	261715	SDCU	1	26-ECAM
SMOKE DET LAV B (2WQ)	261715		1	26-0BSV
SMOKE DET LAV D (4WQ)	261715		1	26-CFDS
SMOKE DET LAV D (4WQ)	261715		1	26-ECAM
SMOKE DET LAV D (4WQ)	261715		1	26-0BSV
SMOKE DET LAV E (5WQ)	261715		1	26-CFDS
SMOKE DET LAV E (5WQ)	261715	SDCII	1	26-ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

	ATA SOURCE CLASS CH-F	 РВ 101
SMOKE DET LAV F (6WQ) SMOKE DET LAV F (6WQ) SMOKE DET LAV F (6WQ) SMOKE DET LAV H (8WQ) SMOKE DET LAV H (8WQ) SMOKE DET LAV H (8WQ) SMOKE DET LOOP SMOKE DET LOOP SMOKE DET WIRING SMOKE DET WIRING SMOKE DET WIRING SMOKE DET 1WH FWD LDCC SMOKE DET 1WH FWD LDCC SMOKE DET 1WH FWD LDCC	261715 SDCU 1 26-0 261715 SDCU 1 26-0 261715 SDCU 1 26-0 261715 SDCU 1 26-0 261715 SDCU 1 26-0	 CFDS
SMOKE DET LAV F (6WQ)	261715 SDCU 1 26-1	ECAM
SMOKE DET LAV F (6WQ)	261715 SDCU 1 26-0	)BSV
SMOKE DET LAV H (8WQ)	261715 SDCU 1 26-0	CFDS
SMOKE DET LAV H (8WQ)	261715 SDCU 1 26-8	ECAM
SMOKE DET LAV H (8WQ)	261715 SDCU 1 26-0	<b>DBSV</b>
SMOKE DET LOOP	261715 SDCU 1 26-1 261715 SDCU 1 26-1 261700 SDCU 1 26-1 261700 SDCU 2 26-1	ECAM
SMOKE DET LOOP	261700 SDCU 2 26-6	ECAM
SMOKE DET WIRING	261600 SDCU 2 26-0	CFDS
SMOKE DET WIRING	261700 SDCU 2 26-0	CFDS
SMOKE DET WIRING	261700 SDCU 2 26-6	
SMOKE DET 1WH FWD LDCC	261615 SDCU 2 26-0	
SMOKE DET 1WH FWD LDCC SMOKE DET 1WH FWD LDCC + SMOKE DET 2WH FWD	261615 SDCU 2 26-1	
SMOKE DET 1WH FWD LDCC + SMOKE DET 2WH FWD	261600 SDCU 1 26-1	ECAM
I DCC		
SMOKE DET 10WH AFT LDCC SMOKE DET 10WH AFT LDCC SMOKE DET 2WH FWD LDCC SMOKE DET 2WH FWD LDCC SMOKE DET 3WH AFT LDCC SMOKE DET 3WH AFT LDCC	261615 SDCII 2 26-0	EDS
SMOKE DET 10WH AFT LDCC	261615 SDCU 2 26-0 261615 SDCU 2 26-1	FC AM
SMOKE DET 2WH FWD LDCC	261615 SDCU 2 26-0	
SMOKE DET 2MH FWD LDCC	261615 SDCU 2 26-1	
SMOVE DET ZWH IND EDCC	261615 SDCU 2 26-0	
SMOKE DET 2WH FWD LDCC SMOKE DET 3WH AFT LDCC SMOKE DET 3WH AFT LDCC SMOKE DET 3WH AFT LDCC + SMOKE DET 4WH AFT	261615 SDCU 2 26-6	
SMOKE DET ZUM AET LDCC - CMOKE DET AUM AET	261600 SDCU 1 26-1	
SMOKE DET 3WH FWD LDCC SMOKE DET 3WH FWD LDCC SMOKE DET 3WH FWD LDCC + SMOKE DET 4WH FWD	261615 SDCU 2 26-0	CFDS
SMOKE DET 3WH FWD LDCC	261615 SDCU 2 26-1	ECAM
SMOKE DET 3WH FWD LDCC + SMOKE DET 4WH FWD	261600 SDCU 1 26-1	ECAM
LDCC		
SMOKE DET 4WH AFT LDCC	261615 SDCU 2 26-0	CFDS
SMOKE DET 4WH AFT LDCC	261615 SDCU 2 26-1	
SMOKE DET 4WH FWD LDCC	261615 SDCU 2 26-0	
SMOKE DET 4WH FWD LDCC	261615 SDCU 2 26-6 261615 SDCU 2 26-6	
SMOKE DET 5WH AFT LDCC	261615 SDCU 2 26-0	
SMOKE DET 5WH AET LDCC	261615 SDCU 2 26-1	
SMOKE DET 5WH AFT LDCC SMOKE DET 5WH AFT LDCC + SMOKE DET 6WH AFT	261600 SDCU 1 26-1	
LDCC		.07.11
SMOKE DET 6WH AFT LDCC	261615 SDCU 2 26-0	`FDS
SMOKE DET 6WH AFT LDCC	261615 SDCU 2 26-1	
SMOKE DET 7WH AFT LDCC	261615 SDCU 2 26-0	
SMOKE DET 7WH AFT LDCC	261615 SDCU 2 26-6	
SMOKE DET 7WH AFT LDCC + SMOKE DET 8WH AFT		ECAM
	201000 3000 1 20-1	LCAM
LDCC SMOKE DET 8WH AFT LDCC	261615 SDCU 2 26-0	CFDS
SMOKE DET 8WH AFT LDCC		
SMOKE DET 9WH AFT LDCC	261615 SDCU 2 26-0	
SMOKE DET 9WH AFT LDCC	261615 SDCU 2 26-1	
SMOKE DET 9WH AFT LDCC + SMOKE DET 10HW AFT LDCC	261600 SDCU 1 26-1	ECAM
SMOKE DETECTOR 1WA	261515 AEVC 1 26-B	ECAM

EFF: ALL

**I-CFDS** 

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#### TROUBLE SHOOTING MANUAL

CFDS MESSAGES				CH-PB101
SMOKE DETECTOR 1WA SPBK CTL XDCR UNIT 7CE	261515	AEVC	3	26-CFDS 27-ECAM 27-ECAM 27-ECAM 27-ECAM
SPBK CTL XDCR UNIT 7CE	279213	EFCS 1	1	27-ECAM
SPBK CTL XDCR UNIT 7CE	279213	EFCS 1	2	27-ECAM
SPBK CTL XDCR UNIT 7CE	279213	EFCS 2	1	27-ECAM
SPBK CTL XDCR UNIT 7CE	279213	EFCS 2	2	27-ECAM
SPBK CTL XDCR UNIT 7CE SPBK CTL XDCR UNIT 7CE SPD SNSR1 (8060KM1) AND ECB (59KD) SPD SNSR1 (8060KM1) AND SPD SNSR2 (8060KM2) SPD SNSR2 (8060KM2) AND ECB (59KD) SPEED SENSOR (8060KM) SPEED SENSOR (8060KM) SPEED SENSOR (8060KM) SPEED SENSOR (8060KM1) SPEED SENSOR (8060KM1) SPEED SENSOR (8060KM2) SPEED SENSOR (8060KM2) SPEED SENSOR (8060KM2) AND ECB (59KD) SPEED SENSOR (8060KM2) AND ECB (59KD) SPEED SENSOR P26 SPEED SENSOR P26 SPEED SENSOR P26 SPEED SENSOR P26 + ECB (59KD) SPEED SENSOR P26 SPEED SNSR P26 AND ECB 59KD SPEED SNSR P26, P27 SPEED SNSR P27 SPEED SNSR P27 AND ECB 59KD SPEED SNSR P27 SPEED SNSR P27 AND ECB 59KD SPEED SNSR P27 SPEED SNSR	497113	APU	1	49-ECAM
SPD SNSR1 (8060KM1) AND SPD SNSR2 (8060KM2)	497113	APU	1	49-ECAM
SPD SNSR2 (8060KM2) AND ECB (59KD)	497113	APU	1	49-ECAM
SPEED SENSOR (8060KM)	497113	APU	1	49-ECAM
SPEED SENSOR (8060KM)	497113	APU	3	49-CFDS
SPEED SENSOR (8060KM) AND ECB (59KD)	497113	ΔPII	1	49-FCAM
SPEED SENSOR (8060KM) AND ESD (37KB)	497113	ΔΡΙΙ	3	49-CFDS
SPEED SENSOR (8060KM1) AND ECR (59KD)	497113	APII	1	49-FCAM
SPEED SENSOR (SOCIETY AND ECD (SYRD)	/.07113	ADII	7	40 CENS
SPEED SENSOR (SOUDKMZ) AND ECD (SOVD)	471113	APU	1	49-CFD3
SPEED SENSOR (OUGURM2) AND ECD (JAN)	471113	APU	1	49-ECAM
SPEED SENSUR PZO	47/113	APU	7	49-EUAM
SPEED SENSUR PZO	49/113	APU	3	49-6105
SPEED SENSUR P26 + EUB (39KD)	49/113	APU	1	49-ELAM
SPEED SENSURS (8U6UKM2) AND (8U6UKM2)	49/113	APU	1_	49-ECAM
SPEED SNSR P26	49/113	APU	3	49-CFDS
SPEED SNSR P26 AND ECB 59KD	497113	APU	1	49-ECAM
SPEED SNSR P26, P27	497113	APU	1	49-ECAM
SPEED SNSR P27	497113	APU	3	49-CFDS
SPEED SNSR P26, P27 SPEED SNSR P27 SPEED SNSR P27 AND ECB 59KD SPEED SNSR1 (8060KM1) SPEED SNSR2 (8060KM2) SRAM FAILURE (CPU1) SRAM FAILURE (CPU2) START AIR, SAV ENG1A START AIR, SAV ENG1B START AIR, SAV ENG1B START AIR, SAV ENG2A START AIR, SAV ENG2A START AIR, SAV ENG2B START AIR, SAV ENG2B	497113	APU	1	49-ECAM
SPEED SNSR1 (8060KM1)	497113	APU	3	49-CFDS
SPEED SNSR2 (8060KM2)	497113	APU	3	49-CFDS
SRAM FAILURE (CPU1)	313634	DMU	2	31-ECAM
SRAM FAILURE (CPU2)	313634	DMU	2	31-ECAM
START AIR, SAV ENG1A	801100	EIU1FAD	1	77-ECAM
START AIR, SAV ENG1A	801100	EIU1FAD	1	8U-CFDS
START AIR, SAV ENG1B	801100	FTII1FAD	1	77-FCAM
START AIR, SAV ENG1B	801100	EIU1FAD	1	80-CFDS
START AIR, SAV ENG2A	801100	EIU2FAD	1	77-ECAM
START AIR, SAV ENGZA	801100	ETU2FAD	1	80-CFDS 77-ECAM 80-CFDS
START ATR. SAV ENG2B	801100	FTII2FAD	1	77-ECAM
START AIR, SAV ENG2B	801100	EIU2FAD		80-CFDS
STARTER MOTOR (8KA)	494251			49-ECAM
STARTER MOTOR (8KA) / APU ROTATION	494251			49-ECAM
STARTER MOTOR (8KA) / STARTER CLUTCH (8033KM)				49-ECAM
STARTER MOTOR (SKA) / STARTER CLUTCH (SUSSEM)	494251			49-ECAM
	494251			
STARTER MOTOR 8KA OR STARTER CLUTCH ASSY				49-ECAM
STATIC INVERTER 3XB	242851			24-ECAM
STEERING ELC BOX 5GC		BSCU 1		32-ECAM
STEERING ELC BOX 5GC		BSCU 2		32-ECAM
STEERING ELEC BOX (5GC)		BSCU 1		32-ECAM
STEERING ELEC BOX (5GC)		BSCU 2		32-ECAM
STEERING ELEC BOX 5GC		BSCU 1		32-ECAM
STEERING ELEC BOX 5GC	705440	BSCU 2	1	32-ECAM

EFF: ALL

**I-CFDS** 

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## TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA			CH-PB101
STEERING ELECTRO HYDRAULIC MODULE 6GC STEERING ELECTRO-HYD MODULE 6GC OR BSCU STEERING ELECTRO-HYD MODULE 6GC OR BSCU STEERING ELECTRO-HYD MODULE(6GC)	325151	BSCU 1	1	32-ECAM
STEERING ELECTRO HYDRAULIC MODULE 6GC	325151	BSCU 1	3	32-CFDS
STEERING ELECTRO HYDRAULIC MODULE 6GC	325151	BSCU 2	1	32-ECAM
STEERING ELECTRO HYDRAULIC MODULE 6GC	325151	BSCU 2	3	32-CFDS
STEERING ELECTRO-HYD MODULE 6GC OR BSCU	325151	BSCU 1	1	32-ECAM
STEERING ELECTRO-HYD MODULE 6GC OR BSCU	325151	BSCU 2	1	32-ECAM
STEERING ELECTRO-HYD MODULE(6GC)	325151	BSCU 1	1	32-ECAM
STEERING ELECTRO-HYD MODULE(6GC)	325151	BSCU 1	3	32-CFDS
STEERING ELECTRO-HYD MODULE(6GC)	325151	BSCU 2	1	32-ECAM
STEERING ELECTRO-HYD MODULE(6GC) STEERING ELECTRO-HYD MODULE(6GC) STEERING ELECTRO-HYD MODULE(6GC)/BSCU(10GG) STEERING ELECTRO-HYD MODULE(6GC)/BSCU(10GG) STEERING ELECTRO-HYD MODULE(6GC)/BSCU(10GG) STEERING FEEDBACK CONTROL SENSOR 3GC STEERING FEEDBACK CONTROL SENSOR(3GC) STEERING FEEDBACK CONTROL SENSOR(3GC) STEERING FEEDBACK MONIT SENSOR 4GC STEERING FEEDBACK MONIT SENSOR 4GC STEERING FEEDBACK MONITOR SENSOR(4GC) STEERING FEEDBACK MONITOR SENSOR(4GC) STEERING HANDWHEEL OR BSCU STEERING HANDWHEEL OR BSCU STEERING HANDWHEEL OR BSCU STOW SW, J5/J6, ECU ENG1A STOW SW, J5/J6, ECU ENG1B STOW SW, J5/J6, ECU ENG1B STOW SW, J5/J6, ECU ENG2A STOW SW, J5/J6, ECU ENG2B STOW SW, J5/J6, ECU ENG2B STOW SW, J5/J6, ECU ENG2B SURGE CONTROL VALVE (8058KM) SURGE CONTROL VALVE (8058KM) / ECB (59KD)	325151	BSCU 2	3	32-CFDS
STEERING ELECTRO-HYD MODULE(6GC)/BSCU(10GG)	325151	BSCU 1	1	32-ECAM
STEERING ELECTRO-HYD MODULE(6GC)/BSCU(10GG)	325151	BSCU 2	1	32-ECAM
STEERING FEEDBACK CONTROL SENSOR 3GC	325119	BSCU 1	1	32-ECAM
STEERING FEEDBACK CONTROL SENSOR 3GC	325119	BSCU 2	1	32-ECAM
STEERING FEEDBACK CONTROL SENSOR(3GC)	325119	BSCU 1	1	32-ECAM
STEERING FEEDBACK CONTROL SENSOR(3GC)	325119	BSCU 2	1	32-ECAM
STEERING FEEDBACK MONIT SENSOR 4GC	325119	BSCU 1	1	32-ECAM
STEERING FEEDBACK MONIT SENSOR 4GC	325119	BSCU 2	1	32-ECAM
STEERING FEEDBACK MONITOR SENSOR(4GC)	325119	BSCU 1	1	32-ECAM
STEERING FEEDBACK MONITOR SENSOR(4GC)	325119	BSCU 2	1	32-ECAM
STEERING HANDWHEEL OR BSCU	324234	BSCU 1	1	32-ECAM
STEERING HANDWHEEL OR BSCU	324234	BSCU 2	1	32-ECAM
STOW SW. J5/J6. FCU FNG1A	783118	FTU1FAD	1	77-ECAM
STOW SW. J5/J6. ECU ENG1A	783118	EIU1FAD	2	77-ECAM
STOW SW. J5/J6. ECU ENG1B	783118	EIU1FAD	1	77-ECAM
STOW SW. J5/J6. FCU FNG1B	783118	FTU1FAD	2	77-ECAM
STOW SW. J5/J6. FCU FNG2A	783118	FTU2FAD	1	77-ECAM
STOW SW. J5/J6. FCU FNG2A	783118	FTU2FAD	2	77-ECAM
STOW SW. J5/J6. FCU FNG2B	783118	FTU2FAD	1	77-ECAM
STOW SW. J5/J6. FCU FNG2B	783118	FTU2FAD	2	77-FCAM
SURGE CONTROL VALVE (8058KM)	495152	APII	1	49-CEDS
SURGE CONTROL VALVE (8058KM)	495152	ΔPII	1	49-FCAM
SURGE CONTROL VALVE (8058KM) / ECB (59KD)	495152	APII	1	49-CEDS
SURGE CONTROL VALVE (8058KM) SURGE CONTROL VALVE (8058KM) SURGE CONTROL VALVE (8058KM) / ECB (59KD) SURGE CONTROL VALVE P18	495152	APII	1	49-FCAM
SURGE LIMIT EXCEEDED	ASD	APU	*	49-ECAM
SYSTEM STOP DUE TO LOW PRESSSURE		SFCC 2	3	27-CFDS
SYSTEM STOP DUE TO LOW PRESSURE		SFCC 1	3	27-CFDS
SYSTEM STOP DUE TO LOW PRESSURE		SFCC 1	3	27-CFDS
SYSTEM STOP DUE TO LOW PRESSURE		SFCC 2	3	27-CFDS
TACHOMETER 19GG OR BSCU		BSCU 1	1	27-ECAM
TACHOMETER 19GG OR BSCU		BSCU 1	1	32-ECAM
TACHOMETER 19GG OR BSCU		BSCU 2	1	27-ECAM
TACHOMETER 19GG OR BSCU		BSCU 2	1	32-ECAM
TACHOMETER 1799 OR BSCU		BSCU 2	1	27-ECAM
TACHOMETER 2000 OR BSCU		BSCU 2	1	32-ECAM
TACHOMETER 2000 OR BSCU		BSCU 1	1	27-ECAM
TACHOMETER 2000 OR BSCU		BSCU 1	1	32-ECAM
TACHOMETER 2000 OR BSCU		BSCU 1	1	27-ECAM
INCHUMETER ZING UK DOCU	324231	03CU	ı	ZI-ECAM

EFF: ALL

**I-CFDS** 

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## TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
TACHOMETER 21GG OR BSCU		BSCU 1		32-ECAM
TACHOMETER 21GG OR BSCU		BSCU 2		27-ECAM
TACHOMETER 21GG OR BSCU	324257	BSCU 2	1	32-ECAM
TACHOMETER 22GG OR BSCU	324257	BSCU 1	1	27-ECAM
TACHOMETER 22GG OR BSCU	324257	BSCU 1	1	32-ECAM
TACHOMETER 22GG OR BSCU	324257	BSCU 2	1	27-ECAM
TACHOMETER 22GG OR BSCU	324257	BSCU 2	1	32-ECAM
TACHOMETER1(19GG) DRIVE MECHANISM	324257	BSCU 1	1	32-ECAM
TACHOMETER1(19GG) DRIVE MECHANISM	324257	BSCU 1	3	32-CFDS
TACHOMETER1(19GG) DRIVE MECHANISM	324257	BSCU 2	1	32-ECAM
TACHOMETER1(19GG) DRIVE MECHANISM	324257	BSCU 2	3	32-CFDS
TACHOMETER1(19GG)/BSCU (10GG)	324257	BSCU 1	1	27-ECAM
TACHOMETER1(19GG)/BSCU (10GG)		BSCU 1	1	32-ECAM
TACHOMETER1(19GG)/BSCU (10GG)		BSCU 2	1	27-ECAM
TACHOMETER1(19GG)/BSCU (10GG)		BSCU 2	1	32-ECAM
TACHOMETER2(21GG) DRIVE MECHANISM	324257		1	32-ECAM
TACHOMETER2(21GG) DRIVE MECHANISM	324257		3	32-CFDS
TACHOMETER2(21GG) DRIVE MECHANISM		BSCU 2	1	32-ECAM
TACHOMETER2(21GG) DRIVE MECHANISM		BSCU 2	3	32-CFDS
TACHOMETER2(21GG)/BSCU (10GG)		BSCU 1	1	27-ECAM
TACHOMETER2(21GG)/BSCU (10GG)		BSCU 1	1	32-ECAM
TACHOMETER2(21GG)/BSCU (10GG)		BSCU 2	1	27-ECAM
TACHOMETER2(21GG)/BSCU (10GG)		BSCU 2	1	32-ECAM
TACHOMETERS(20GG) DRIVE MECHANISM	324257		1	32-ECAM
TACHOMETERS(20GG) DRIVE MECHANISM	324257		3	32-CFDS
TACHOMETERS(20GG) DRIVE MECHANISM		BSCU 2	1	32-ECAM
TACHOMETERS(20GG) DRIVE MECHANISM		BSCU 2	3	32-CFDS
TACHOMETERS(20GG) DRIVE MECHANISM TACHOMETERS(20GG)/BSCU (10GG)		BSCU 1	1	27-ECAM
TACHOMETERS(20GG)/BSCU (10GG)		BSCU 1	1	32-ECAM
TACHOMETER3(20GG)/BSCU (10GG)		BSCU 2	1	27-ECAM
TACHOMETER3(20GG)/BSCU (10GG)		BSCU 2	1	32-ECAM
	324257			
TACHOMETER4(22GG) DRIVE MECHANISM			1 3	32-ECAM
TACHOMETER4(22GG) DRIVE MECHANISM		BSCU 1 BSCU 2	3 1	32-CFDS 32-ECAM
TACHOMETER4(22GG) DRIVE MECHANISM				_
TACHOMETER4(22GG) DRIVE MECHANISM		BSCU 2		
TACHOMETER4(22GG)/BSCU (10GG)		BSCU 1	1	27-ECAM
TACHOMETER4(22GG)/BSCU (10GG)		BSCU 1	1	32-ECAM
TACHOMETER4(22GG)/BSCU (10GG)		BSCU 2	1	27-ECAM
TACHOMETER4(22GG)/BSCU (10GG)		BSCU 2	1	32-ECAM
TAT SENSOR (11FP1)	341118		1_	34-CFDS
TAT SENSOR (11FP1)	341118		3	34-CFDS
TAT SENSOR (11FP1)	341118		1_	34-CFDS
TAT SENSOR (11FP1)	341118		3	34-CFDS
TAT SENSOR (11FP1)/ ADIRU1 (1FP1)	341118		1	22-ECAM
TAT SENSOR (11FP1)/ ADIRU1 (1FP1)	341118		1	27-ECAM
TAT SENSOR (11FP1)/ ADIRU1 (1FP1)	341118		1	34-CFDS
TAT SENSOR (11FP1)/ ADIRU1 (1FP1)	341118 341118		1	34-ECAM
TAT SENSOR (11FP1)/ ADIRU3 (1FP3)			1	22-ECAM

EFF: ALL

**I-CFDS** 

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## TROUBLE SHOOTING MANUAL

FDS MESSAGES				CH-PB101
AT SENSOR (11FP1)/ ADIRU3 (1FP3) AT SENSOR (11FP1)/ ADIRU3 (1FP3) AT SENSOR (11FP1)/ ADIRU3 (1FP3) AT SENSOR (11FP1)/ TAT SENSOR (11FP2) AT SENSOR (11FP1)/ TAT SENSOR (11FP2) AT SENSOR (11FP1)/ TAT SENSOR (11FP2) AT SENSOR (11FP2) AT SENSOR (11FP2) AT SENSOR (11FP2) AT SENSOR (11FP2)/ ADIRU2 (1FP2) AT SENSOR (11FP2) AT SENSOR 11FP1 AT SENSOR 11FP2 BV VLV, HMU ENG1A	341118	ADR 3	1	27-ECAM
AT SENSOR (11FP1)/ ADIRU3 (1FP3)	341118	ADR 3	1	34-CFDS
AT SENSOR (11FP1)/ ADIRU3 (1FP3)	341118	ADR 3	1	34-ECAM
AT SENSOR (11FP1)/ TAT SENSOR (11FP2)	341118	ADR 1	3	34-CFDS
AT SENSOR (11FP1)/ TAT SENSOR (11FP2)	341118	ADR 2	3	34-CFDS
AT SENSOR (11FP1)/ TAT SENSOR (11FP2)	341118	ADR 3	3	34-CFDS
AT SENSOR (11FP2)	341118	ADR 2	1	34-CFDS
AT SENSOR (11FP2)	341118	ADR 2	3	34-CFDS
AT SENSOR (11FP2)/ ADIRU2 (1FP2)	341118	ADR 2	2	34-ECAM
AT SENSOR 11FP1	341118	PHC 1	1	30-ECAM
AT SENSOR 11FP2	341118	PHC 2	1	30-ECAM
•				
BV VLV, HMU ENG1A		EIU1FAD		77-ECAM
BV VLV, HMU ENG1B		EIU1FAD		77-ECAM
BV VLV, HMU ENG1B		EIU1FAD		77-ECAM
BV VLV, HMU ENG2A	752310	EIU2FAD	1	77-ECAM
BV VLV, HMU ENG2A	752310	EIU2FAD		77-ECAM
BV VLV, HMU ENG2B	752310	EIU2FAD	1	77-ECAM
BV VLV, HMU ENG2B	752310	EIU2FAD	2	77-ECAM
BV VLV, J11, ECU ENG1A	752310	EIU1FAD	S	75-CFDS
SV VLV, J11, ECU ENG1A	752310	EIU1FAD	1	77-ECAM
BV VLV, J11, ECU ENG1A	752310	EIU1FAD	2	77-ECAM
BV VLV, J11, ECU ENG2A	752310	EIU2FAD	S	75-CFDS
BV VLV, J11, ECU ENG2A	752310	EIU2FAD	1	77-ECAM
BV VLV, J11, ECU ENG2A	752310	EIU2FAD	2	77-ECAM
BV VLV, J12, ECU ENG1B	752310	EIU1FAD	S	75-CFDS
BV VLV, J12, ECU ENG1B	752310	EIU1FAD	1	77-ECAM
BV VLV, J12, ECU ENG1B	752310	EIU1FAD	2	77-ECAM
BV VLV, J12, ECU ENG2B	752310	EIU2FAD	S	75-CFDS
BV VLV, J12, ECU ENG2B	752310	EIU2FAD	1	77-ECAM
BV VLV, J12, ECU ENG2B	752310	EIU2FAD	2	77-ECAM
CAS (1SG)	344334	TCAS	1	34-ECAM
CAS ARINC 429	344334	TCAS	1	34-ECAM 34-ECAM 34-ECAM
CAS BOT ANTENNA (7SG2)	344311	TCAS	1	34-ECAM
CAS BOT ANTENNA (7SG2) : COAXIAL J1	344311	TCAS	1	34-ECAM
CAS BOT ANTENNA (7SG2) : COAXIAL J2	344311	TCAS	1	34-ECAM
CAS BOT ANTENNA (7SG2) : COAXIAL J3	344311		1	34-ECAM
CAS BOT ANTENNA (7SG2) : COAXIAL J4	344311	TCAS	1	34-ECAM
CAS CU	344334	TCAS	1	34-ECAM
CAS TOP ANTENNA (7SG1)	344311		1	34-ECAM
CAS TOP ANTENNA (7SG1) : COAXIAL J1	344311	TCAS	1	34-ECAM
CAS TOP ANTENNA (7SG1) : COAXIAL J2	344311		1	34-ECAM
CAS TOP ANTENNA (7SG1) : COAXIAL J3	344311		1	34-ECAM
CAS TOP ANTENNA (7SG1) : COAXIAL J4	344311		1	34-ECAM
CAS(1SG)/ ATC1(1SH1)	344334		3	34-CFDS
CAS(1SG)/ ATC1(1SH1)	344334		3	34-ECAM
			3	34-EFIS
CAS(1SG)/ ATC1(1SH1)	344334	AILI		J7 LI 13

EFF: ALL

SROS

**I-CFDS** 

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## TROUBLE SHOOTING MANUAL

FDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
CAS(1SG)/ ATC2(1SH2)	344334	ATC 2 ATC 2 ATC 2	3	34-CFDS
CAS(1SG)/ ATC2(1SH2)	344334	ATC 2	3	34-ECAM
CAS(1SG)/ ATC2(1SH2)	344334	ATC 2	3	34-EFIS
CAS(1SG)/ ATC2(1SH2)	344334	AIL Z	3	34-0BSV
CAS(100SG)		TCAS		34-ECAM
CC SNSR, J13, ECU ENG1A	732170	EIU1FAD		73-CFDS
CC SNSR, J13, ECU ENG1A	732170	EIU1FAD	2	77-ECAM
CC SNSR, J13, ECU ENG1B	732170	EIU1FAD	S	73-CFDS
CC SNSR, J13, ECU ENG1B	732170	EIU1FAD	2	77-ECAM
CC SNSR, J13, ECU ENG2A	732170	EIU2FAD	S	73-CFDS
CC SNSR, J13, ECU ENG2A	732170	EIU2FAD	2	77-ECAM
CC SNSR, J13, ECU ENG2B	732170	EIU2FAD	S	73-CFDS
CC SNSR, J13, ECU ENG2B	732170	EIU2FAD	2	77-ECAM
DC AC SENSOR 50XU1	242218	AC GEN	3	24-CFDS
DC AC SENSOR 50XU2		AC GEN		24-CFDS
EMP CTL SYS 1 CHAN A 28VDC SUPPLY INTERRUPT	240000	TEMPCTL	3	24-CFDS
EMP CTL SYS 1 CHAN B 28VDC SUPPLY INTERRUPT	240000	TEMPCTL	3	24-CFDS
EMP CTL SYS 2 CHAN A 28VDC SUPPLY INTERRUPT	240000	TEMPCTL	3	24-CFDS
EMP CTL SYS 2 CHAN B 28VDC SUPPLY INTERRUPT	240000	TEMPCTL	3	24-CFDS
EMP SENSOR AFT CAB		TEMPCTL		21-CFDS
EMP SENSOR AFT CAB		TEMPCTL		21-ECAM
EMP SENSOR AFT CAB		TEMPCTL		21-CFDS
EMP SENSOR AFT CAB		TEMPCTL		21-ECAM
EMP SENSOR AFT CAB DUCT		TEMPCTL		21-CFDS
EMP SENSOR AFT CAB DUCT		TEMPCTL		21-ECAM
EMP SENSOR CKPT		TEMPCTL		21-CFDS
EMP SENSOR CKPT		TEMPCTL		21-ECAM
EMP SENSOR CKPT		TEMPCTL		21-CFDS
EMP SENSOR CKPT		TEMPCTL		21-ECAM
EMP SENSOR CKPT DUCT		TEMPCTL		21-ECAM
EMP SENSOR CKPT DUCT		TEMPCTL		21-CFDS
EMP SENSOR FWD CAB		TEMPCTL		21-CFDS
EMP SENSOR FWD CAB		TEMPCTL		21-ECAM
EMP SENSOR FWD CAB		TEMPCTL		21-CFDS
EMP SENSOR FWD CAB		TEMPCTL		
EMP SENSOR FWD CAB DUCT		TEMPCTL	3	21-CFDS
EMP SENSOR FWD CAB DUCT		TEMPCTL		21-ECAM
EMP SENSOR L/H AND R/H MIXER		TEMPCTL		21-CFDS
EMP SENSOR L/H MIXER		TEMPCTL	3	21-CFDS
EMP SENSOR C/H MIXER		TEMPCTL	3	21-CFDS
EMP SENSOR K/H MIXER EMP SENSOR 6HA1	361117		2	36-ECAM
EMP SENSOR 6HA1			3	36-CFDS
	361117			
EMP SENSOR 6HA1	361117		2	36-ECAM
EMP SENSOR 6HA1	361117		3	36-CFDS
EMP SENSOR 6HA2	361117		2	36-ECAM
EMP SENSOR 6HA2	361117		3	36-CFDS
EMP SENSOR 6HA2	361117		2	36-ECAM
EMP SENSOR 6HA2	361117	RWC 5	3	36-CFDS

EFF: ALL

SROS

**I-CFDS** 

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## TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA SOURCE	CLASS	CH-PB101
TEST ABORTED	233300 CIDS 1		23-CFDS
TEST ABORTED	233300 CIDS 2		23-CFDS
TEST ABORTED	233600 CIDS 1		23-CFDS
TEST ABORTED	233600 CIDS 2	3	23-CFDS
THRM 7170HM1 OR FAN AIR VALVE 9HA1 OR SENSE			36-ECAM
LINE			
THRM 7170HM1 OR FAN AIR VALVE 9HA1 OR SENSE LINE	361154 BMC 1	2	36-CFDS
	361154 BMC 1	1	30-LOCAL
THRM 7170HM1 OR FAN AIR-V 9HA1 THRM 7170HM1 OR FAN AIR-V 9HA1	361154 BMC 1		36-CFDS
THRM 7170HM1 OR FAN AIR-V 9HA1	361154 BMC 1		36-ECAM
THRM 7170HM1 OR FAN AIR-V 9HA1	361154 BMC 1		36-CFDS
THRM 7170HM2 OR FAN AIR VALVE 9HA2 OR SENSE			36-ECAM
LINE			
THRM 7170HM2 OR FAN AIR VALVE 9HA2 OR SENSE LINE THRM 7170HM2 OR FAN AIR-V 9HA2 THS ACTR OVRD SW 1 9CE THS ACTR OVRD SW 2 9CE OF ELAC1	361154 BMC 2	2	36-CFDS
THRM 7170HM2 OR FAN AIR-V 9HA2	361154 BMC 2	1	30-LOCAL
THRM 7170HM2 OR FAN AIR-V 9HA2	361154 BMC 2	1	36-CFDS
THRM 7170HM2 OR FAN AIR-V 9HA2	361154 BMC 2	1	36-ECAM
THRM 7170HM2 OR FAN AIR-V 9HA2	361154 BMC 2	3	36-CFDS
THS ACTR OVRD SW 1 9CE	274451 EFCS 1	2	27-ECAM
THS ACTR OVRD SW 1 9CE	274451 EFCS 2	2	27-ECAM
THS ACTR OVRD SW 2 9CE OF ELAC1	274451 EFCS 1	2	27-ECAM
THS ACTR OVRD SW 1 9CE THS ACTR OVRD SW 2 9CE OF ELAC1 THS ACTR OVRD SW 2 9CE OF ELAC1 THS ACTR OVRD SW 3 9CE	274451 EFCS 2	2	27-ECAM
THS ACTR OVRD SW 3 9CE	274451 EFCS 1	2	27-ECAM
THS ACTR OVRD SW 3 9CE	274451 EFCS 2	2	27-ECAM
THS ACTR POS ERROR 9CE OF ELAC1	274451 EFCS 1	1	27-ECAM
THS ACTR OVRD SW 3 9CE THS ACTR POS ERROR 9CE OF ELAC1 THS ACTR POS ERROR 9CE OF ELAC1 THS ACTR POS ERROR 9CE OF ELAC2 THS ACTR POS ERROR 9CE OF ELAC2	274451 EFCS 2	1	27-ECAM
THS ACTR POS ERROR 9CE OF ELAC2	274451 EFCS 1	1	27-ECAM
THS ACTR POS ERROR 9CE OF ELAC2	274451 EFCS 2	1	27-ECAM
THS ACTR POS ERROR 9CE OF SEC1	274451 EFCS 1		27-ECAM
THS ACTR POS ERROR 9CE OF SEC1	274451 EFCS 2	2	27-ECAM
THS ACTR POS ERROR 9CE OF SEC2	274451 EFCS 1	2	
THS ACTR POS ERROR 9CE OF SEC2	274451 EFCS 2	2	27-ECAM
THS ACTR SERVO MOT 1 9CE	274451 EFCS 1		27-ECAM
THS ACTR SERVO MOT 1 9CE	274451 EFCS 2	1	27-ECAM
THS ACTR SERVO MOT 2 9CE	274451 EFCS 1	1	27-ECAM
THS ACTR SERVO MOT 2 9CE	274451 EFCS 2	1	27-ECAM
THS ACTR SERVO MOT 2 9CE OF ELAC1	274451 EFCS 1	1	27-ECAM
THS ACTR SERVO MOT 2 9CE OF ELACT	274451 EFCS 2	1	27-ECAM
THS ACTR SERVO MOT 3 9CE OF SEC2	274451 EFCS 1	2	27-ECAM
THS ACTR SERVO MOT 3 9CE OF SEC2	274451 EFCS 2	2	27-ECAM
THS ACTR XDCR2 MON 9CE	274451 EFCS 1	1	27-ECAM
THS ACTR XDCR2 MON 9CE	274451 EFCS 2	1	27-ECAM
THS ACTR XDCR2 9CE	274451 EFCS 1	1	27-ECAM
THS ACTR XDCR2 9CE	274451 EFCS 2	1	27-ECAM
	761117 EIU1FAD	-	77-ECAM
TLA SNSR, J3, ECU	(6111/ FIII1FAD		

EFF: ALL

**I-CFDS** 

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## TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB10
TLA SNSR, J4, ECU				77-ECAM
TLA SNSR, J4, ECU	761117	EIU2FAD		77-ECAM
TOTAL PRESS XDCR P23	495117			49-ECAM
TOTAL PRESS XDCR(8044KM)		APU		
TR ISOL VALVE, HCU ENG1A		EIU1FAD		
TR ISOL VALVE, HCU ENG1B		EIU1FAD		77-ECAM
TR ISOL VALVE, HCU ENG2A		EIU2FAD		77-ECAM
TR ISOL VALVE, HCU ENG2B	783753	EIU2FAD	1	77-ECAM
TR LATCH, STOW SW ENG1A	783100	EIU1FAD	1	77-ECAM
TR LATCH, STOW SW ENG1B	783100	EIU1FAD	1	77-ECAM
TR LATCH, STOW SW ENG2A	783100	EIU2FAD	1	77-ECAM
TR LATCH, STOW SW ENG2B	783100	EIU2FAD	1	77-ECAM
TR LOCK, TR ACT ENG1A	783300	EIU1FAD	1	77-ECAM
TR LOCK, TR ACT ENG1A	783300	EIU1FAD	1	78-CFDS
TR LOCK, TR ACT ENG1B	783300	EIU1FAD	1	77-ECAM
TR LOCK, TR ACT ENG1B	783300	EIU1FAD	1	78-CFDS
TR LOCK, TR ACT ENG2A	783300	EIU2FAD	1	77-ECAM
TR LOCK, TR ACT ENG2A	783300	EIU2FAD	1	78-CFDS
TR LOCK, TR ACT ENG2B	783300	EIU2FAD	1	77-ECAM
TR LOCK, TR ACT ENG2B	783300	EIU2FAD	1	78-CFDS
TR PR SW, J5+J6, ECU	783116	EIU1FAD	1	77-ECAM
TR PR SW, J5+J6, ECU	783116	EIU1FAD	1	78-CFDS
FR PR SW, J5+J6, ECU	783116	EIU2FAD	1	77-ECAM
TR PR SW, J5+J6, ECU	783116	EIU2FAD	1	78-CFDS
TR PR SW, J5+J6, ECU ENG1A	783116	EIU1FAD	1	77-ECAM
TR PR SW, J5+J6, ECU ENG1B	783116	EIU1FAD	1	77-ECAM
TR PR SW, J5+J6, ECU ENG2A	783116	EIU2FAD	1	77-ECAM
TR PR SW, J5+J6, ECU ENG2B	783116	EIU2FAD	1	77-ECAM
TR PR SW, J5/J6, ECU ENG1A	783116	EIU1FAD	1	77-ECAM
TR PR SW, J5/J6, ECU ENG1A	783116	EIU1FAD	2	77-ECAM
TR PR SW, J5/J6, ECU ENG1B	783116	EIU1FAD	1	77-ECAM
TR PR SW, J5/J6, ECU ENG1B	783116	EIU1FAD	2	77-ECAM
TR PR SW, J5/J6, ECU ENG2A	783116	EIU2FAD	1	77-ECAM
TR PR SW, J5/J6, ECU ENG2A		EIU2FAD		
TR PR SW, J5/J6, ECU ENG2B	783116	EIU2FAD	1	77-ECAM
TR PR SW, J5/J6, ECU ENG2B	783116	EIU2FAD	2	77-ECAM
TRANSF-PRESS XDCR 7HA1	361115	BMC 1	3	36-CFDS
TRANSF-PRESS XDCR 7HA2	361115	BMC 2	3	36-CFDS
TRIM AIR PRESS VALVE	216352	TEMPCTL	1	21-ECAM
TRIM AIR PRESS VALVE	216352	TEMPCTL	3	21-CFDS
TRIM AIR PRESS VALVE OR PRESS SWITCH	216352	TEMPCTL	2	21-ECAM
TRIM VALVE AFT CAB	216351	TEMPCTL	1	21-ECAM
TRIM VALVE AFT CAB	216351	TEMPCTL	2	21-ECAM
TRIM VALVE AFT CAB	216351	TEMPCTL	3	21-CFDS
TRIM VALVE AFT CAB	216351	TEMPCTL	3	21-ECAM
TRIM VALVE CKPT	216351	TEMPCTL	1	21-ECAM
TRIM VALVE CKPT	216351	TEMPCTL	2	21-ECAM
TRIM VALVE CKPT	216351	TEMPCTL	3	21-CFDS

EFF: ALL

**I-CFDS** 

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## TROUBLE SHOOTING MANUAL

FDS MESSAGES	АТА	SOURCE	CLASS	CH-PB101
RIM VALVE CKPT				21-ECAM
RIM VALVE FWD CAB		TEMPCTL		21-ECAM
RIM VALVE FWD CAB		TEMPCTL		21-ECAM
RIM VALVE FWD CAB		TEMPCTL		
RIM VALVE FWD CAB	216351	TEMPCTL	3	
R1	243251	TR 1	3	24-CFDS
R1	243251	TR 1	3	24-ECAM
R2	243251	TR 2	3	24-CFDS
R2	243251	TR 2	3	24-ECAM
J XXL	233644	CIDS 1	3	23-CFDS
J XXL	233644	CIDS 2	3	23-CFDS
J XXR	233644	CIDS 1	3	23-CFDS
J XXR		CIDS 2		23-CFDS
12 SNSR, J10, ECU		EIU1FAD		73-CFDS
12 SNSR, J10, ECU		EIU1FAD		73-CFDS
12 SNSR, J10, ECU		EIU1FAD		77-ECAM
12 SNSR, J10, ECU		EIU1FAD		77-ECAM
12 SNSR, J10, ECU		EIU2FAD		73-CFDS
12 SNSR, J10, ECU		EIU2FAD		73-CFDS
12 SNSR, J10, ECU	732140	EIU2FAD	1	77-ECAM
12 SNSR, J10, ECU	732140	EIU2FAD	2	77-ECAM
12 SNSR, J10, ECU ENG1B	732140	EIU1FAD		77-ECAM
12 SNSR, J10, ECU ENG2B	732140	EIU2FAD		77-ECAM
12 SNSR, J9, ECU	732140	EIU1FAD	S	73-CFDS
12 SNSR, J9, ECU	732140	EIU1FAD	1	73-CFDS
12 SNSR, J9, ECU	732140	EIU1FAD		77-ECAM
12 SNSR, J9, ECU	732140	EIU1FAD	2	77-ECAM
12 SNSR, J9, ECU	732140	EIU2FAD	S	73-CFDS
12 SNSR, J9, ECU		EIU2FAD		73-CFDS
12 SNSR, J9, ECU	732140	EIU2FAD	1	77-ECAM
12 SNSR, J9, ECU		EIU2FAD		77-ECAM
12 SNSR, J9, ECU ENG1A		EIU1FAD		77-ECAM
12 SNSR, J9, ECU ENG2A		EIU2FAD		
25 SNS, J12, ECU ENG2B		EIU2FAD		73-CFDS
25 SNSR, J11, ECU		EIU1FAD		73-CFDS
25 SNSR, J11, ECU	732120	EIU1FAD	1	73-CFDS
25 SNSR, J11, ECU		EIU1FAD		77-ECAM
25 SNSR, J11, ECU		EIU1FAD		77-ECAM
25 SNSR, J11, ECU	732120	EIU2FAD	S	73-CFDS
25 SNSR, J11, ECU		EIU2FAD		73-CFDS
25 SNSR, J11, ECU		EIU2FAD		77-ECAM
25 SNSR, J11, ECU		EIU2FAD		77-ECAM
25 SNSR, J11, ECU ENG1A		EIU1FAD		77-ECAM
25 SNSR, J11, ECU ENG1A		EIU1FAD		77-ECAM
25 SNSR, J11, ECU ENG1A		EIU1FAD		73-CFDS
25 SNSR, J11, ECU ENG2A		EIU2FAD		77-ECAM
25 SNSR, J11, ECU ENG2A		EIU2FAD		77-ECAM
25 SNSR, J11, ECU ENG2A	732120	EIU2FAD	3	73-CFDS

EFF: ALL

SROS

**I-CFDS** 

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## TROUBLE SHOOTING MANUAL

CFDS MESSAGES	АТА	SOURCE	CLASS	CH-PB101
T25 SNSR, J11, ECU* ENG1A		EIU1FAD		73-CFDS
T25 SNSR, J11, ECU* ENG2A		EIU2FAD		73-CFDS
T25 SNSR, J12, ECU		EIU1FAD		73-CFDS
T25 SNSR, J12, ECU		EIU1FAD		73-CFDS
T25 SNSR, J12, ECU		EIU1FAD		77-ECAM
T25 SNSR, J12, ECU		EIU1FAD		77-ECAM
Γ25 SNSR, J12, ECU		EIU2FAD		73-CFDS
Γ25 SNSR, J12, ECU		EIU2FAD		73-CFDS
T25 SNSR, J12, ECU		EIU2FAD		77-ECAM
Γ25 SNSR, J12, ECU	732120	EIU2FAD	2	77-ECAM
T25 SNSR, J12, ECU ENG1B	732120	EIU1FAD	1	77-ECAM
r25 SNSR, J12, ECU ENG1B	732120	EIU1FAD	2	77-ECAM
T25 SNSR, J12, ECU ENG1B	732120	EIU1FAD	3	73-CFDS
T25 SNSR, J12, ECU ENG2B	732120	EIU2FAD	1	77-ECAM
r25 SNSR, J12, ECU ENG2B	732120	EIU2FAD	2	77-ECAM
r25 SNSR, J12, ECU ENG2B	732120	EIU2FAD	3	73-CFDS
r25 SNSR, J12, ECU* ENG1B	732120	EIU1FAD	S	73-CFDS
[25 SNSR, J12, ECU* ENG2B		EIU2FAD		73-CFDS
3 SNSR, J13, ECU		EIU1FAD		77-ECAM
3 SNSR, J13, ECU		EIU2FAD		77-ECAM
3 SNSR, J13, ECU ENG1A		EIU1FAD		77-CFDS
3 SNSR, J13, ECU ENG1A		EIU1FAD		77-ECAM
3 SNSR, J13, ECU ENG1A		EIU1FAD		77-ECAM
T3 SNSR, J13, ECU ENG1B		EIU1FAD		77-ECAM
3 SNSR, J13, ECU ENG1B		EIU1FAD		77-ECAM
3 SNSR, J13, ECU ENG1B		EIU1FAD		77-ECAM
T3 SNSR, J13, ECU ENG2A		EIU2FAD		77-CFDS
T3 SNSR, J13, ECU ENG2A		EIU2FAD		77-ECAM
T3 SNSR, J13, ECU ENG2A		EIU2FAD		77-ECAM
T3 SNSR, J13, ECU ENG2B		EIU2FAD		77-ECAM
3 SNSR, J13, ECU ENG2B		EIU2FAD		77-ECAM
T3 SNSR, J13, ECU ENG2B		EIU2FAD		77-ECAM
1495 SNSR, J13, ECU ENG1A		EIU1FAD		
1495 SNSR, J13, ECU ENG1A		EIU1FAD		77-CFDS
1495 SNSR, J13, ECU ENG1A		EIU1FAD		77-ECAM
1495 SNSR, J13, ECU ENG1A		EIU1FAD		77-ECAM
1495 SNSR, J13, ECU ENG1B		EIU1FAD		77-CFDS
1495 SNSR, J13, ECU ENG1B		EIU1FAD		77-CFDS
1495 SNSR, J13, ECU ENG1B		EIU1FAD		77-ECAM
1495 SNSR, J13, ECU ENG1B		EIU1FAD		77-ECAM
		EIU2FAD		77-ECAM
1495 SNSR, J13, ECU ENG2A		EIU2FAD	ა 1	77-CFDS
T495 SNSR, J13, ECU ENG2A				
T495 SNSR, J13, ECU ENG2A		EIU2FAD	1	77-ECAM
T495 SNSR, J13, ECU ENG2A		EIU2FAD		77-ECAM
1495 SNSR, J13, ECU ENG2B		EIU2FAD		77-CFDS
1495 SNSR, J13, ECU ENG2B		EIU2FAD		77-CFDS
1495 SNSR, J13, ECU ENG2B		EIU2FAD		77-ECAM
r495 SNSR, J13, ECU ENG2B	772110	EIU2FAD	2	77-ECAM

EFF: ALL

SROS

**I-CFDS** 

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## TROUBLE SHOOTING MANUAL

T5 SNSR, J13, ECU ENG1B T5 SNSR, J13, ECU ENG2B T5 SNSR, J13, ECU* ENG1B T5 SNSR, J13, ECU* ENG1B T5 SNSR, J13, ECU* ENG2B T5 SNSR, J13, ECU* ENG2B T5 SNSR, J13, ECU ENG1B JNDERSPEED JAC GEN OVHT JAC SYS CONT JACU GEN SUPPLY JACU GEN SUPPLY JACU GEN SUPPLY	772200 772200 772200 772200 772200 772200 772200 ASD 383164 383134 383164 383100 753110	EIU1FAD EIU2FAD EIU2FAD EIU1FAD EIU1FAD EIU2FAD EIU2FAD EIU1FAD APU TOILET TOILET TOILET	3 3 3 5 5 5 5 5 7 2 2 2	77-CFDS 77-CFDS 77-CFDS 77-CFDS 77-CFDS 77-CFDS 77-CFDS 77-CFDS 77-CFDS 49-ECAM 38-CFDS 38-CFDS
T5 SNSR, J13, ECU ENG2A T5 SNSR, J13, ECU ENG2B T5 SNSR, J13, ECU* ENG1A T5 SNSR, J13, ECU* ENG1B T5 SNSR, J13, ECU* ENG2A T5 SNSR, J13, ECU* ENG2B T5 SNSR, J13, ECU ENG1B JINDERSPEED JAC GEN OVHT JAC SYS CONT JACU GEN JACU GEN SUPPLY JACU GEN SUPPLY	772200 772200 772200 772200 772200 772200 772200 ASD 383164 383134 383164 383100 753110	EIU2FAD EIU1FAD EIU1FAD EIU2FAD EIU2FAD EIU1FAD APU TOILET TOILET TOILET TOILET	3 3 5 5 5 5 3 * 2 2	77-CFDS 77-CFDS 77-CFDS 77-CFDS 77-CFDS 77-CFDS 49-ECAM 38-CFDS 38-CFDS
IS SNSR, J13, ECU ENG2B IS SNSR, J13, ECU* ENG1A IS SNSR, J13, ECU* ENG1B IS SNSR, J13, ECU* ENG2A IS SNSR, J13, ECU* ENG2B IS SNSR, J13, ECU ENG1B JNDERSPEED VAC GEN OVHT VAC SYS CONT VACU GEN VACU GEN SUPPLY VBV ACT, HMU ENG1A	772200 772200 772200 772200 772200 772200 ASD 383164 383164 383164 383100 753110	EIU2FAD EIU1FAD EIU2FAD EIU2FAD EIU1FAD APU TOILET TOILET TOILET TOILET	3 S S S S 3 * 2 2	77-CFDS 77-CFDS 77-CFDS 77-CFDS 77-CFDS 77-CFDS 49-ECAM 38-CFDS 38-CFDS
IS SNSR, J13, ECU* ENG1A IS SNSR, J13, ECU* ENG1B IS SNSR, J13, ECU* ENG2A IS SNSR, J13, ECU* ENG2B IS SNSR, J13, ECU ENG1B JNDERSPEED VAC GEN OVHT VAC SYS CONT VACU GEN VACU GEN VACU GEN SUPPLY VBV ACT, HMU ENG1A	772200 772200 772200 772200 772200 ASD 383164 383134 383164 383100 753110 753110	EIU1FAD EIU2FAD EIU2FAD EIU1FAD APU TOILET TOILET TOILET TOILET EIU1FAD	S S S S * 2 2	77-CFDS 77-CFDS 77-CFDS 77-CFDS 77-CFDS 49-ECAM 38-CFDS 38-CFDS
T5 SNSR, J13, ECU* ENG1B T5 SNSR, J13, ECU* ENG2A T5 SNSR, J13, ECU* ENG2B T5 SNSR, J13, ECU ENG1B JNDERSPEED VAC GEN OVHT VAC SYS CONT VACU GEN VACU GEN SUPPLY VBV ACT, HMU ENG1A	772200 772200 772200 772200 ASD 383164 383134 383164 383100 753110	EIU1FAD EIU2FAD EIU2FAD EIU1FAD APU TOILET TOILET TOILET TOILET EIU1FAD	S S S * 2 2	77-CFDS 77-CFDS 77-CFDS 77-CFDS 49-ECAM 38-CFDS 38-CFDS
TS SNSR, J13, ECU* ENG2A TS SNSR, J13, ECU* ENG2B TS SNSR, J13, ECU ENG1B JNDERSPEED VAC GEN OVHT VAC SYS CONT VACU GEN VACU GEN SUPPLY VBV ACT, HMU ENG1A	772200 772200 772200 ASD 383164 383134 383164 383100 753110 753110	EIU2FAD EIU2FAD EIU1FAD APU TOILET TOILET TOILET TOILET EIU1FAD	S S 3 * 2 2	77-CFDS 77-CFDS 77-CFDS 49-ECAM 38-CFDS 38-CFDS
TS SNSR, J13, ECU* ENG2B TS SNSR, J13, ECU ENG1B JNDERSPEED /AC GEN OVHT /AC SYS CONT /ACU GEN /ACU GEN SUPPLY /BV ACT, HMU ENG1A	772200 772200 ASD 383164 383134 383164 383100 753110 753110	EIU2FAD EIU1FAD APU TOILET TOILET TOILET TOILET EIU1FAD	\$ 3 * 2 2	77-CFDS 77-CFDS 49-ECAM 38-CFDS 38-CFDS
IS SNSR, J13, ECU ENG1B  JNDERSPEED  /AC GEN OVHT  /AC SYS CONT  /ACU GEN  /ACU GEN SUPPLY  /BV ACT, HMU ENG1A	772200 ASD 383164 383134 383164 383100 753110 753110	EIU1FAD APU TOILET TOILET TOILET TOILET EIU1FAD	3 * 2 2 2	77-CFDS 49-ECAM 38-CFDS 38-CFDS
UNDERSPEED VAC GEN OVHT VAC SYS CONT VACU GEN VACU GEN VACU GEN SUPPLY VBV ACT, HMU ENG1A	ASD 383164 383134 383164 383100 753110 753110	APU TOILET TOILET TOILET TOILET EIU1FAD	* 2 2 2	49-ECAM 38-CFDS 38-CFDS
/AC GEN OVHT /AC SYS CONT /ACU GEN /ACU GEN SUPPLY /BV ACT, HMU ENG1A	383164 383134 383164 383100 753110 753110	TOILET TOILET TOILET TOILET EIU1FAD	2 2 2	38-CFDS 38-CFDS
/AC SYS CONT /ACU GEN /ACU GEN SUPPLY /BV ACT, HMU ENG1A	383134 383164 383100 753110 753110	TOILET TOILET TOILET EIU1FAD	2 2	38-CFDS
/AC SYS CONT /ACU GEN /ACU GEN SUPPLY /BV ACT, HMU ENG1A	383134 383164 383100 753110 753110	TOILET TOILET TOILET EIU1FAD	2 2	
/ACU GEN /ACU GEN SUPPLY /BV ACT, HMU ENG1A	383164 383100 753110 753110	TOILET TOILET EIU1FAD	2	38-CFDS
/ACU GEN SUPPLY /BV ACT, HMU ENG1A	383100 753110 753110	TOILET EIU1FAD	2	
/BV ACT, HMU ENG1A	753110 753110	EIU1FAD	<u> </u>	38-CFDS
· · · · · · · · · · · · · · · · · · ·	753110			75-CFDS
		FTII1FAD		77-ECAM
	(751111	EIU1FAD		75-CFDS
· · · · · · · · · · · · · · · · · · ·		EIU1FAD		77-ECAM
		EIU2FAD		75-CFDS
		EIU2FAD		77-ECAM
		EIU2FAD		75-CFDS
·				
•		EIU2FAD		77-ECAM
		EIU1FAD		75-CFDS
•		EIU1FAD		75-CFDS
•		EIU1FAD		77-ECAM
		EIU1FAD		77-ECAM
•		EIU2FAD		75-CFDS
•		EIU2FAD		75-CFDS
•		EIU2FAD		77-ECAM
		EIU2FAD		77-ECAM
		EIU1FAD		75-CFDS
		EIU1FAD		75-CFDS
BV SNSR, J12, ECU	753170	EIU1FAD	1	77-ECAM
BV SNSR, J12, ECU	753170	EIU1FAD	2	77-ECAM
BV SNSR, J12, ECU	753170	EIU2FAD	S	75-CFDS
BV SNSR, J12, ECU	753170	EIU2FAD	1	75-CFDS
BV SNSR, J12, ECU	753170	EIU2FAD	1	77-ECAM
	753170	EIU2FAD	2	77-ECAM
	231233	ATSU	1	23-CFDS
	231233		1	23-ECAM
	231233		1	46-ECAM
		VHF 1	1	23-CFDS
	313234		2	31-CFDS
	313234		2	31-ECAM
	23XXXX		1	23-CFDS
	231211		1	23-CFDS
	231211		1	23-CFDS
	231233		1	23-CFDS

EFF: ALL

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**I-CFDS** 

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## TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
VHF2 : NO DATA FROM CFDIU	313234	VHF 2	2	31-CFDS
VHF2: NO DATA FROM CFDIU VHF2: NO DATA FROM CONTROL SOURCE VHF2 ANTENNA (4RC2)/COAX VHF2 TRANSCEIVER VHF3 (1RC3) VHF3: NO DATA FROM CFDIU VHF3: NO DATA FROM CFDIU VHF3: NO DATA FROM CONTROL SOURCE VHF3 ANTENNA (4RC3)/COAX VHF3 TRANSCEIVER VHF3(1RC3)/ATSU1(1TX1) VOR1(3RS1) VOR2(3RS2) VSC VSC FEEDBACK FAULTY LAV X VSV ACT, J11, ECU VSV ACT, J12, ECU VSV ACT, J12, ECU	313234	VHF 2	2	31-ECAM
VHF2: NO DATA FROM CONTROL SOURCE	23XXXX	VHF 2	1	23-CFDS
VHF2 ANTENNA (4RC2)/COAX	231211	VHF 2	1	23-CFDS
VHF2 TRANSCEIVER	231233	VHF 2	1	23-CFDS
VHF3 (1RC3)	231233	VHF 3	1	23-CFDS 31-CFDS
VHF3 : NO DATA FROM CFDIU	313234	VHF 3	2	31-CFDS
VHF3 : NO DATA FROM CFDIU	313234	VHF 3	2	77-ECAM
VHF3: NO DATA FROM CONTROL SOURCE	23XXXX	VHF 3	1	23-CFDS
VHF3 ANTENNA (4RC3)/COAX	231211	VHF 3	1	23-CFDS 23-CFDS
VHF3 TRANSCEIVER	231233	VHF 3	1	23-CFDS
VHF3(1RC3)/ATSU1(1TX1)	231233	ACARSMU	1	23-CFDS
VOR1(3RS1)	345533	VOR 1	1	34-CFDS
VOR2(3RS2)	345533	VOR 2	1	34-CFDS
VSC	383134	TOILET	2	38-CFDS
VSC FEEDBACK FAULTY LAV X	383134		2	38-CFDS
VSV ACT, J11, ECU	753210	EIU1FAD	S	75-CFDS
VSV ACT, J11, ECU	753210	EIU1FAD	1	75-CFDS
VSV ACT, J11, ECU	753210	EIU1FAD	1	77-ECAM
VSV ACT, J11, ECU	753210	EIU2FAD		75-CFDS
VSV ACT, J11, ECU	753210	EIU2FAD	1	75-CFDS
VSV ACT, J11, ECU	753210	EIU2FAD	1	77-ECAM
VSV ACT, J12, ECU	753210	EIU1FAD		75-CFDS
101 A01, 012, 200	1 752 10	EIU1FAD	1	75-CFDS
VSV ACT, J12, ECU	753210	EIU1FAD	1	77-ECAM
VSV ACT, J12, ECU		EIU2FAD		75-CFDS
VSV ACT, J12, ECU	753210	EIU2FAD	1	75-CFDS
VSV ACT, J12, ECU	753210	EIU2FAD	1	77-ECAM
VSV, ACT, HMU ENG1A	753210	EIU1FAD	1	75-CFDS
VSV, ACT, HMU ENG1A	753210	EIU1FAD	1	77-ECAM
VSV, ACT, HMU ENG1B	753210	EIU1FAD	1	75-CFDS
VSV, ACT, HMU ENG1B	753210	EIU1FAD	1	77-ECAM
VSV, ACT, HMU ENG2A	753210	E1U2FAD	1	75-CFDS
VSV, ACT, HMU ENG2A		EIU2FAD		
VSV, ACT, HMU ENG2B		EIU2FAD		
VSV, ACT, HMU ENG2B		EIU2FAD		77-ECAM
VSV, ACT, J11, ECU		EIU1FAD		77-ECAM
VSV, ACT, J11, ECU		EIU1FAD		77-ECAM
VSV, ACT, J11, ECU		EIU2FAD	1	77-ECAM
VSV, ACT, J11, ECU		EIU2FAD	2	77-ECAM
VSV, ACT, J12, ECU		EIU1FAD	1	77-ECAM
VSV, ACT, J12, ECU		EIU1FAD	2	77-ECAM
VSV, ACT, J12, ECU		EIU2FAD EIU2FAD	1 2	77-ECAM
VSV, ACT, J12, ECU VTR X		CIDS 1	3	77-ECAM
		CIDS 1	3	23-CFDS
VTR X		EIU1FAD		23-CFDS
VTURI, BLD SNSR, ECU ENG1A VTURI, BLD SNSR, ECU ENG1B		EIU1FAD		75-CFDS 75-CFDS
VIUNT, DLV SNOK, ECU ENGID	1 23 100	CIOILAD	3	17-0173

EFF: ALL

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## TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
VTURI, BLD SNSR, ECU ENG2A VTURI, BLD SNSR, ECU ENG2B WAI FILTER OR VALVE 10DL WAI FILTER OR VALVE 10DL WAI FILTER OR VALVE 9DL WAI FILTER OR VALVE 9DL WAI:NO BLEED AIR ENG 1 WAI:NO BLEED AIR ENG 2 WHC1 2DG1 WHC2 2DG2	753180	EIU2FAD	3	75-CFDS
VTURI, BLD SNSR, ECU ENG2B	753180	EIU2FAD	3	75-CFDS
WAI FILTER OR VALVE 10DL			_	
WAI FILTER OR VALVE 10DL	301151	TEMPCTL	3	30-ECAM
WAI FILTER OR VALVE 9DL	301151	TEMPCTL	3	30-CFDS
WAI FILTER OR VALVE 9DL	301151	TEMPCTL	3	30-ECAM
WAI FILTER OR VALVE 1UDL WAI FILTER OR VALVE 10DL WAI FILTER OR VALVE 9DL WAI FILTER OR VALVE 9DL WAI:NO BLEED AIR ENG 1 WAI:NO BLEED AIR ENG 2 WHC1 2DG1 WHC2 2DG2 WORK LIGHT AFT 1,2,L,R WORK LIGHT FWD 1,2,L,R WORK LIGHT PCB AFT 1,2,L,R WORK LIGHT PCB FWD 1,2,L,R WORK LIGHT PCB MID 1,2,L,R WORK LIGHT PCB MID 1,2,L,R WORK LIGHT PCB MID 1,2,L,R WRG: MODE S ADDRESS / ATC1 (1SH1) WRG : MODE S ADDRESS / ATC2(1SH2) WRG : PIN PROG/GPWC (1WZ) WRG ACFT TYPE PIN PROG OR ECB 59KD WRG PIN PROG/BSCU(1OGG) WRG PIN PROG/BSCU(1OGG) WRG: ACFT TYPE PIN PROG / ECB (59KD) WRG: ACFT TYPE PIN PROG / ECB (59KD) WRG: APU AVAILABLE WRG: APU FAULT RELAY WRG: APU FAULT RELAY WRG: APU LOAD VALVE WRG: CAN BUS X	361100	TEMPCTL	1	36-CFDS
WAI:NO BLEED AIR ENG 2	361100	TEMPCTL	1	36-CFDS
WHC1 2DG1	304234	WHC 1	1	30-CFDS
WHC2 2DG2	304234	WHC 2	3	30-CFDS
WORK LIGHT AFT 1,2,L,R	332712	CIDS 1	3	33-CFDS
WORK LIGHT FWD 1,2,L,R	332712	CIDS 1	3	33-CFDS
WORK LIGHT MID 1,2,L,R	332712	CIDS 1	3	33-CFDS
WORK LIGHT PCB AFT 1.2.L.R	332738	CIDS 1	3	33-CFDS
WORK LIGHT PCB FWD 1.2.L.R	332738	CIDS 1	3	33-CFDS
WORK LIGHT PCB MID 1.2.L.R	332738	CIDS 1	3	33-CFDS
WRG : MODE S ADDRESS / ATC1 (1SH1)	345233	ATC 1	1	34-CFDS
WRG - MODE S ADDRESS / ATC2(15H2)	345233	ATC 2	1	34-CFDS
WRG - PIN PROG/GPWC (1W7)	344834	GPWC _	1	34-FCAM
WRG ACET TYPE PIN PROG OR ECR 59KD	496100	ΔPII	3	49-CFDS
WRG PIN PROG/RSCH(10GG)	324234	RSCII 1	1	32-FCAM
WRG PIN PROG/BSCU(10GG)	324234	BSCU 2	1	32-FCAM
WRG TIN TROUBESS (1889)	496100	APII	, 3	49-CEDS
WRG: ACFT TYPE PIN PROG /ECB (59KD)	496100	APII	3	49-CFDS
WRG. ACH THE TIN TROG FEED (SARA)	496100	APII	2	49 ECAM
WRG. AFO AVAILABLE	496100	ADII	2	49 ECAM
WRG. AFO TAGET RELAT	476 100 496 100	APU	2	40 ECAM
WRG. AID LOAD VALVE	3//33/	CPUC	7	3/-CENS
WRG: CAN BUS X	261000	SDCU	2	26-CFDS
WRG: CAN BUS X WRG: CAN BUS X / SMK DET AFT LDCC (XWH) WRG: CAN BUS X/ SMK DET FWD LDCC (XWH) WRG: CAN BUS/ SMK DET LAV X/DEU-B(FIN) WRG: ECB PIN AB-H5 WRG: ECB PIN AB-H8	26 1000	2000	2	26-CFD3
WRG. CAN DUS X / SMX DET AFT LDCC (XWH)	26 1000	2 N C C	2	26-CFD3
WRG. CAN DUS A/ SMK DET FWD LDCC (AWH)	26 1000	2000	4	26-CFD3
WRG: CAN DUS/ SMR DET LAV X/DEU-D(FIN)	404100	SPCO	7	40 CENS
WKG: ECD PIN AD-NO	470 100	APU	2	47-CFUS
WKG: EUD PIN AD-NO	470000	APU	7	47-EUAM
WRG: ECB PIN AB-H9 WRG: ECB PIN AB-J6				
	496100	AC GEN		49-CFDS
WRG: EPC CONTROL/GAPCU (24XG) WRG: EXT PWR FEEDER/ WRG: POR + CHECK INTLK				24-LOCAL
		AC GEN	1	24-0BSV
WRG: EXT PWR FEEDER/ WRG: POR + GAPCU (24XG)		AC GEN	1	24-0BSV
WRG: EXT PWR FEEDER/ WRG: POR/GAPCU (24XG)		AC GEN	1	24-0BSV
WRG: EXT PWR PIN E INTERLOCK/GAPCU (24XG)		AC GEN	1	24-0BSV
WRG: FEEDER NEUTRAL/ GEN APU (8XS)		AC GEN	1	24-ECAM
WRG: FEEDER/WRG: POR/ GCU1 (1XU1)		AC GEN	1	24-ECAM
WRG: FEEDER/WRG: POR/ GCU2 (1XU2)		AC GEN	1	24-ECAM
WRG: GEN APU FEEDER		AC GEN		24-ECAM
WRG: GEN APU POR/GAPCU (24XG)/WRG: FEEDER		AC GEN		24-ECAM
WRG: GEN1 FEEDER		AC GEN		24-ECAM
WRG: GEN1 FEEDER PHASE A /IDG1 (E1-4000XU)	242200	AC GEN	1	24-ECAM

EFF: ALL

**I-CFDS** 

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## TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
WRG: GEN1 FEEDER PHASE B /IDG1 (E1-4000XU)	242200	AC GEN	1	24-ECAM
WRG: GEN1 FEEDER PHASE C /IDG1 (E1-4000XU) WRG: GEN1 FEEDER/CTA (41XU1) WRG: GEN1 NEUTRAL FEEDER /IDG1 (E1-4000XU)	242200	AC GEN	1	24-ECAM
WRG: GEN1 FEEDER/CTA (41XU1)	242200	AC GEN	1	24-ECAM
WRG: GEN1 NEUTRAL FEEDER /IDG1 (E1-4000XU)	242200	AC GEN	1	24-ECAM
WR(1" (1FN/ FFFI)FR	/4//!!!	Δ1. (¬ F N	1	/4-FI.AM
WRG: GEN2 FEEDER PHASE A /IDG2 (E2-4000XU)	242200	AC GEN	1	24-ECAM
WRG: GEN2 FEEDER PHASE B /IDG2 (E2-4000XU)	242200	AC GEN	1	24-ECAM
WRG: GEN2 FEEDER PHASE C /IDG2 (E2-4000XU)	242200	AC GEN	1	24-ECAM
WRG: GEN2 FEEDER/CTA (41XU2)	242200	AC GEN	1	24-ECAM
WRG: GEN2 NEUTRAL FEEDER /IDG2 (E2-4000XU)	242200	AC GEN	1	24-ECAM
WRG: IDG1 FEEDER/IDG1 (E1-4000XU)	242100	AC GEN	1	24-ECAM
WRG: IDG2 FEEDER/IDG2 (E2-4000XU)	242100	AC GEN	1	24-ECAM
WRG: LOAD VALVE OPEN SIGNAL	496100	APU	2	49-ECAM
WRG: PIN PROG /GPWC(100SG)	344834	GPWC	1	34-CFDS
WRG: PIN PROG/ ACARS MU (1RB)	232434	ACARSMU	1	23-ECAM
WRG: PIN PROG/ ACARS MU (1RB)	232434	ACARSMU	3	23-CFDS
WRG: PIN PROG/GAPCU	244100	AC GEN	1	24-ECAM
WRG: PIN PROG/GAPCU (24XG)	244100	AC GEN	2	24-ECAM
WRG: PIN PROG/GAPCU (24XG)/CFDIU (1TW)	244000	AC GEN	1	24-CFDS
WRG: PIN PROG/GCU1 (1XU1)	242200	AC GEN	1	24-ECAM
WRG: PIN PROG/GCU2 (1XU2)	242200	AC GEN	1	24-ECAM
WRG: POR NEUTRAL GCU1 (1XU1)	242200	AC GEN	1	24-ECAM
WRG: POR NEUTRAL GCU2 (1XU2)	242200	AC GEN	1	24-ECAM
WRG: GEN2 FEEDER PHASE A /IDG2 (E2-4000XU) WRG: GEN2 FEEDER PHASE B /IDG2 (E2-4000XU) WRG: GEN2 FEEDER PHASE C /IDG2 (E2-4000XU) WRG: GEN2 FEEDER/CTA (41XU2) WRG: GEN2 NEUTRAL FEEDER /IDG2 (E2-4000XU) WRG: IDG1 FEEDER/IDG1 (E1-4000XU) WRG: IDG2 FEEDER/IDG2 (E2-4000XU) WRG: IDG2 FEEDER/IDG2 (E2-4000XU) WRG: LOAD VALVE OPEN SIGNAL WRG: PIN PROG /GPWC(100SG) WRG: PIN PROG/ ACARS MU (1RB) WRG: PIN PROG/ ACARS MU (1RB) WRG: PIN PROG/GAPCU WRG: PIN PROG/GAPCU (24XG) WRG: PIN PROG/GAPCU (24XG) WRG: PIN PROG/GCU1 (1XU1) WRG: PIN PROG/GCU2 (1XU2) WRG: POR NEUTRAL GCU1 (1XU1) WRG: POR NEUTRAL GCU2 (1XU2) WRG: POR NEUTRAL/GAPCU (24XG) WRG: POR/GAPCU (24XG) WRG: POR/GCU1 (1XU1) WRG: POR/GCU1 (1XU1)	242300	AC GEN	1	24-ECAM
WRG: POR/GAPCU (24XG)	242300	AC GEN	1	24-ECAM
WRG: POR/GCU1 (1XU1)	242200	AC GEN	1	24-ECAM
WRG: POR/GCU1 (1XU1)/ WRG: FEEDER	242200	AC GEN	1	24-ECAM
WRG: POR/GCU2 (1XU2)	242200	AC GEN	1	24-ECAM
WRG: POR/GCU2 (1XU2)/ WRG: FEEDER	242200	AC GEN	1	24-ECAM
WRG: POR/WRG: GEN APU FEEDER/GAPCU (24XG)	242300	AC GEN	1	24-ECAM
WRG: POR/WRG: GEN1 FEEDER/GCU1 (1XU1)	242200	AC GEN	1	24-ECAM
WRG: POR/WRG: GEN2 FEEDER/GCU2 (1XU2)	242200	AC GEN	1	24-ECAM
WRG: START IN PROGRESS	496100	APU	2	49-ECAM
WRG: ZERO MACH-AOA PIN PROG	241200	ADR 3	2	34-ECAM
WRG: POR/GAPCU (24XG) WRG: POR/GCU1 (1XU1) WRG: POR/GCU1 (1XU1)/ WRG: FEEDER WRG: POR/GCU2 (1XU2) WRG: POR/GCU2 (1XU2)/ WRG: FEEDER WRG: POR/WRG: GEN APU FEEDER/GAPCU (24XG) WRG: POR/WRG: GEN1 FEEDER/GCU1 (1XU1) WRG: POR/WRG: GEN2 FEEDER/GCU2 (1XU2) WRG: START IN PROGRESS WRG: ZERO MACH-AOA PIN PROG	341200	ADR 1	2	34-ECAM
WRG: ZERO MACH-AOA PIN PROG	341200	ADR 2	2	34-ECAM
WRG:ACFT TYPE PIN PROG / ECB (59KD)	496100		3	49-CFDS
WRG:ACFT TYPE PIN PROG/ ADIRU1 (1FP1)	341200		1	34-ECAM
WRG:ACFT TYPE PIN PROG/ ADIRU1 (1FP1)	341200		1	34-ECAM
WRG:ACFT TYPE PIN PROG/ ADIRU1 (1FP1)	341200		2	34-ECAM
WRG:ACFT TYPE PIN PROG/ ADIRU2 (1FP2)	341200		1	34-ECAM
WRG:ACFT TYPE PIN PROG/ ADIRU2 (1FP2)	341200		2	34-ECAM
WRG:ACFT TYPE PIN PROG/ ADIRU2 (1FP2)	341200		1	34-ECAM
WRG:ACFT TYPE PIN PROG/ ADIRU2 (1FP2)	341200		2	34-ECAM
WRG:ACFT TYPE PIN PROG/ ADIRU3 (1FP3)	341200		1	34-ECAM
WRG:ACFT TYPE PIN PROG/ ADIRUS (1FP3)	341200		2	34-ECAM
WRG:ACFT TYPE PIN PROG/ ADIRUS (1FP3)	341200		1	34-ECAM
		IR 3	2	34-ECAM

EFF: ALL

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## TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
WRG:AOA AVERAGE-UNIQUE PIN PROG	341200	ADR 1	1	34-ECAM
WRG:AOA AVERAGE-UNIQUE PIN PROG	341200	ADR 2	2	34-ECAM
WRG:AOA AVERAGE-UNIQUE PIN PROG	341200	ADR 3	2	34-ECAM
WRG:BARO SOURCE SELECT PIN PROG	341200	ADR 1	3	34-CFDS
WRG:BARO SOURCE SELECT PIN PROG	341200	ADR 2		34-CFDS
WRG:BARO SOURCE SELECT PIN PROG	341200			34-CFDS
WRG:CONFIG PIN PROG /SDU1(105RV1)	232834		1	23-CFDS
WRG:CONFIG PIN PROG /SDU1(105RV1)	232834		1	23-ECAM
WRG:GEN APU FEEDER PHASE A/ GEN APU (8XS)		AC GEN	1	24-ECAM
WRG:GEN APU FEEDER PHASE B/ GEN APU (8XS)		AC GEN	1	24-ECAM
WRG:GEN APU FEEDER PHASE C/ GEN APU (8XS)		AC GEN	1	24-ECAM
WRG:GPS PIN PROG/ ADIRU1 (1FP1)	341200			34-CFDS
WRG:GPS PIN PROG/ ADIRU2 (1FP2)	341200			34-CFDS
WRG:GPS PIN PROG/ ADIRUS (1FP3)	341200			34-CFDS
WRG:ICAO ADRESS PIN PROG /SDU1(105RV1)	232834		1	23-CFDS
WRG:ICAO ADRESS PIN PROG /SDU1(105RV1)	232834		1	23-ECAM
WRG:MTG POS PIN PROG/ ADIRU1 (1FP1)	341200		1	34-ECAM
WRG:MTG POS PIN PROG/ ADIRU1 (1FP1)	341200			34-ECAM
WRG:MTG POS PIN PROG/ ADIRUT (1FP1) WRG:MTG POS PIN PROG/ ADIRU2 (1FP2)	341200			34-ECAM
	341200			
WRG:MTG POS PIN PROG/ ADIRUZ (1FP2)				34-ECAM
WRG:MTG POS PIN PROG/ ADIRU3 (1FP3)	341200			34-ECAM
WRG:MTG POS PIN PROG/ ADIRU3 (1FP3)	341200			34-ECAM
WRG:PIN PROG	261700		1	
WRG:PIN PROG A/C TYPE	261700		1	26-ECAM
WRG:PIN PROG/ATSU1(1TX1)	462100		1	46-CFDS
WRG:PIN PROG/ATSU1(1TX1)	462100		1	46-ECAM
WRG:PIN PROG/ATSU1(1TX1)		ACARSMU		46-CFDS
WRG:SDI PIN PROG	341200		2	34-ECAM
WRG:SDI PIN PROG/ ADIRU1 (1FP1)	341200		1	34-ECAM
WRG:SDI PIN PROG/ ADIRU1 (1FP1)	341200		3	
WRG:SDI PIN PROG/ ADIRU2 (1FP2)	341200		2	34-ECAM
WRG:SDI PIN PROG/ ADIRU2 (1FP2)	341200			34-CFDS
WRG:SDI PIN PROG/ ADIRU3 (1FP3)	341200			34-ECAM
WRG:SDI PIN PROG/ ADIRU3 (1FP3)	341200		3	34-CFDS
WRG:SDI PIN PROG/ ADM1(19FP1)/ADIRU1(1FP1)	341200	ADR 1	1	34-ECAM
WRG:SDI PIN PROG/ ADM2(19FP2)/ADIRU2(1FP2)	341200	ADR 2	2	34-CFDS
WRG:SDI PIN PROG/ ADM3(19FP3)/ADIRU3(1FP3)	341200	ADR 3	2	34-CFDS
WRG:SDI PIN PROG/ ADM5(19FP5)/ADIRU1(1FP1)	341200	ADR 1	2	34-CFDS
WRG:SDI PIN PROG/ ADM7(19FP7)/ADIRU2(1FP2)	341200	ADR 2	2	34-CFDS
WRG:SDI PIN PROG/ ADM8(19FP8)/ADIRU3(1FP3)	341200	ADR 3	2	34-CFDS
WRG:SDI PIN PROG/ADM1/5 (19FP1/5)/ADIRU1(1FP1)	341200	ADR 1	2	34-CFDS
WRG:SDI PIN PROG/ADM2/7 (19FP2/7)/ADIRU2(1FP2)	341200	ADR 2	2	34-CFDS
WRG:SDI PIN PROG/ADM3/8 (19FP3/8)/ADIRU3(1FP3)			2	34-CFDS
	341200		1	34-CFDS
WRG:VMO-MMO DISCRETE/ ADIRU1 (1FP1)			4	34-CFDS
	341200	ADR 2	1	J- CI VJ
WRG:VMO-MMO DISCRETE/ ADIRU1 (1FP1) WRG:VMO-MMO DISCRETE/ ADIRU2 (1FP2) WRG:VMO-MMO DISCRETE/ ADIRU3 (1FP3)	341200 341200		1	34-CFDS
WRG:VMO-MMO DISCRETE/ ADIRU2 (1FP2)	341200			

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## TROUBLE SHOOTING MANUAL

CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
WRONG INHIBIT SIGN FROM CARGO DOOR YELLOW	292400	SFCC 2	3	29-CFDS
SYSTEM				
WRONG INHIBIT SIGN FROM CARGO DOOR YELLOW	292400	SFCC 2	3	29-ECAM
SYSTEM				
WXR ANTENNA (11SQ) WXR ANTENNA (11SQ) WXR CNT PNL (3SQ)/ WXR1 (1SQ1)	344111			34-EFIS
WXR ANTENNA (11SQ)	344111			34-EFIS
WXR CNT PNL (3SQ)/ WXR1 (1SQ1)	344112	RADAR 1	1	34-EFIS
WXR CNT PNL (3SQ)/ WXR1 (1SQ1) WXR CONTROL PANEL (3SQ)/GPWC(10OSG) WXR CTL PNL (3SQ)/ WXR1 (1SQ1) WXR CTL PNL (3SQ)/ WXR2 (1SQ2) WXR MOUNTING TRAY (9SQ) WXR MOUNTING TRAY (9SQ) WXR1 (1SQ1) WXR1 (1SQ1)	344112	GPWC	1	34-CFDS
WXR CTL PNL (3SQ)/ WXR1 (1SQ1)	344112	RADAR 1	1	34-EFIS
WXR CTL PNL (3SQ)/ WXR2 (1SQ2)	344112	RADAR 2	1	34-EFIS
WXR MOUNTING TRAY (9SQ)	344137	RADAR 1	1	34-CFDS
WXR MOUNTING TRAY (9SQ)	344137	RADAR 2	1	34-CFDS
WXR1 (1SQ1)	344133	RADAR 1	1	34-ECAM
WXR1 (1SQ1)	344133	RADAR 1	1	34-EFIS
WXR1 (1SQ1) WXR1 (1SQ1) BUS HAZARD /GPWC (1WZ) WXR1 (1SQ1)/GPWC (1WZ) WXR1(1SQ1) BUS HAZARD /GPWC(100SG) WXR1(1SQ1) RANGE /GPWC(100SG) WXR1(1SQ1)/WRG:AUDIO OUTPUT	344133	GPWC	1	34-ECAM
WXR1 (1SQ1)/GPWC (1WZ)	344133	GPWC	1	34-ECAM
WXR1(1SQ1) BUS HAZARD /GPWC(100SG)	344133	GPWC	1	34-ECAM
WXR1(1SQ1) RANGE /GPWC(100SG)	344133	GPWC	1	34-ECAM
WXR1(1SQ1)/WRG:AUDIO OUTPUT	344133	RADAR 1	1	34-LOCAL
WXR1(1SQ1)/WXR2(1SQ2) ND CAPT(3WT1)/DMC1(1WT1)	344133	EIS 1	1	34-CFDS
WXR1(1SQ1)/WXR2(1SQ2) ND CAPT(3WT1)/DMC2(1WT2)				34-CFDS
WXR1(1SQ1)/WXR2(1SQ2) ND CAPT(3WT1)/DMC3(1WT3)	344133	EIS 3	1	34-CFDS
WXR1(1SQ1)/WXR2(1SQ2) PFD FO (2WT2)/DMC1(1WT1)	344133	EIS 1	1	34-CFDS
WXR1(1SQ1)/WXR2(1SQ2) PFD FO (2WT2)/DMC2(1WT2)	344133	EIS 2	1	34-CFDS
WXR1(1SQ1)/WXR2(1SQ2) PFD FO (2WT2)/DMC3(1WT3)	344133	EIS 3	1	34-CFDS
WXR1(1SQ1)/WXR2(1SQ2) PFDCAPT(2WT1)/DMC1(1WT1)				34-CFDS
WXR1(1SQ1)/WXR2(1SQ2) PFDCAPT(2WT1)/DMC3(1WT3)				34-CFDS
WXR1(1SQ1)/WXR2(1SQ2)/ ND FO(3WT2)/DMC1(1WT1)				34-CFDS
WXR1(1SQ1)/WXR2(1SQ2)/ ND FO(3WT2)/DMC2(1WT2)			1	34-CFDS
WXR1(1SQ1)/WXR2(1SQ2)/ ND FO(3WT2)/DMC3(1WT3)	344133	EIS 3	1	34-CFDS
WXR2 (1SQ2)		RADAR 2		34-ECAM
WXR2 (1SQ2)		RADAR 2		34-EFIS
WXR2 (1SQ2) BUS HAZARD /GPWC (1WZ)	344133	GPWC	1	34-ECAM
WXR2 (1SQ2)/GPWC (1WZ)	344133			34-ECAM
WXR2(1SQ2)/WRG:AUDIO OUTPUT				34-LOCAL
X WINDSHIELD SENSOR	561000		1	30-ECAM
X WINDSHIELD SENSOR		WHC 2		30-ECAM
X-FEED VALVE 6HV OR CKT	361200			36-ECAM
X-FEED VALVE 6HV OR CKT	361200			36-CFDS
X-FEED VALVE 6HV OR CKT	361200			36-CFDS
XPDR1(1SH1)/ATSU1(1TX1)	345233			34-CFDS
XPDR2(1SH2)/ATSU1(1TX1)	345233			34-CFDS
Y HYD PRESS SW1		EFCS 1	2	27-ECAM
Y HYD PRESS SW1		EFCS 2	2	27-ECAM
Y HYD PRESS SW1		EFCS 1	2	27-ECAM
Y HYD PRESS SW1		EFCS 2		27-ECAM
		EFCS 1		27-ECAM
Y HYD PRESS SW2				

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CFDS MESSAGES	ATA	SOURCE	CLASS	CH-PB101
Y HYD PRESS SW2	293200	EFCS 1	2	27-ECAM
Y HYD PRESS SW2	293200	EFCS 2	2	27-ECAM
Y HYD PRESS XMTR 3065GN	293200	EFCS 1	2	27-ECAM
Y HYD PRESS XMTR 3065GN	293200	EFCS 2	2	27-ECAM
ZC (8HK) / DMU (1TV)	216334	DMU	3	21-CFDS
ZC (8HK) / FDIMU (10TV)	216334	DMU	3	21-CFDS
ZC PIN PROGRAM MISMATCH		TEMPCTL		21-CFDS
		CIDS 1		21-CFDS
		EIU1FAD		77-ECAM
		EIU1FAD		77-ECAM
ZC, EIU (ECSD), J3 ENG2A		EIU2FAD		77-ECAM
ZC, EIU (ECSD), J3 ENG2B		EIU2FAD		77-ECAM
ZC, EIU (030), J3 ENG1A		EIU1FAD		77-ECAM
ZC, EIU (030), J3 ENG1B		EIU1FAD		77-ECAM
ZC, EIU (030), J3 ENG1B		EIU1FAD		77-ECAM
ZC, EIU (030), J3 ENG2A		EIU2FAD		77-ECAM
ZC, EIU (030), J3 ENG2B		EIU2FAD		77-ECAM
ZC, EIU (030), J3 ENG2B		EIU2FAD		77-ECAM
ZC, EIU(ECSD), J3 ENG1A		EIU1FAD		21-CFDS
ZC, EIU(ECSD), J3 ENG1A		EIU1FAD		77-ECAM
ZC, EIU(ECSD), J3 ENG1B		EIU1FAD		21-CFDS
ZC, EIU(ECSD), J3 ENG1B		EIU1FAD		77-ECAM
ZC, EIU(ECSD), J3 ENG2A		EIU2FAD		21-CFDS
ZC, EIU(ECSD), J3 ENG2A		EIU2FAD		77-ECAM
ZC, EIU(ECSD), J3 ENG2B		EIU2FAD		21-CFDS
ZC, EIU(ECSD), J3 ENG2B		EIU2FAD		77-ECAM
ZC, EIU(030), J3 ENG1A		EIU1FAD		21-CFDS
ZC, EIU(030), J3 ENG1A		EIU1FAD		77-ECAM
ZC, EIU(030), J3 ENG1B		EIU1FAD		21-CFDS
ZC, EIU(030), J3 ENG1B		EIU1FAD		77-ECAM
ZC, EIU(030), J3 ENG2A		EIU2FAD		21-CFDS
ZC, EIU(030), J3 ENG2A	216334	EIU2FAD	1	77-ECAM
ZC, EIU(030), J3 ENG2B	216334	EIU2FAD EIU2FAD	1	21-CFDS
ZC, EIU(030), J3 ENG2B				
ZN CNT EIU (030), J3 ENG1A		EIU1FAD		
ZN CNT EIU (030), J3 ENG2A		EIU2FAD		77-ECAM
ZONE CONT		TEMPCTL		21-ECAM
ZONE CONT		TEMPCTL		21-ECAM
ZONE CONT		TEMPCTL		21-CFDS
ZONE CONT OR SENSOR SUPPLY SHORT		TEMPCTL	1	21-ECAM
ZONE CONT OR SENSOR SUPPLY SHORT		TEMPCTL	2	21-ECAM
115VU (CRANK/MODE AUTO/ ING SEL SW)		EIU1FAD		77-ECAM
115VU (CRANK/MODE AUTO/ ING SEL SW)		EIU2FAD		77-ECAM
115VU (MASTER LEVER1 SW)		EIU1FAD		77-ECAM
115VU (MASTER LEVER2 SW)		EIU2FAD		77-ECAM
20% DEU-A IN 1 ZONE	つてフてハハ	CIDS 1	1	23-ECAM
50% DEU-A		CIDS 1	-	23-ECAM

EFF: ALL

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