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SERVICE BULLETIN  
REVISION TRANSMITTAL SHEET

TITLE : AIR CONDITIONING ELECTRICAL INSTALLATION - PROVIDE PROTECTIONS  
AGAINST WATER CONTAMINATION OF ELECTRICAL HARNESS.

MODIFICATION No. 24291P3789

ATA SYSTEM : 21

This page transmits Revision No. 1 of Service Bulletin No. A320-21-1097.  
No more work is necessary to do this Revision.

REASON

This Revision is issued to inform the operators that a technical  
information has been added in Para. 2.B. and that a new customer has  
been added.

SERVICE BULLETIN SUMMARY

Page 1 - EFFECTIVITY modified.

SERVICE BULLETIN

Pages 3 and 4 - EFFECTIVITY modified.

Pages 11 and 12 - Text for 2781VC added.

Pages 13 and 14 - Text shifted.

Page 17-18 - Figure 2 modified.

FILING INSTRUCTIONS

Replace pages SUMMARY 1 of 4  
SERVICE BULLETIN 1 of 21, 3, 4, 11, 12, 13, 14 and 17-18.

Put this Revision Transmittal Sheet in front of the Service Bulletin.

REVISION SEQUENCES

ORIGINAL : Jun 21/95

REVISION No. : 1 - Mar 25/96

5 DATE : Jun 21/95

SERVICE BULLETIN No. : A320-21-1097

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This summary is for information only and is not approved for  
modification on the aircraft.

**TITLE : AIR CONDITIONING ELECTRICAL INSTALLATION - PROVIDE PROTECTIONS  
AGAINST WATER CONTAMINATION OF ELECTRICAL HARNESS.**

**MODIFICATION No. 24291P3789**

**ATA SYSTEM : 21**

**REASON/DESCRIPTION/OPERATIONAL CONSEQUENCES**

Operators have reported electrical connector damage in the forward  
galley area due to water condensation ingress between FR21 and FR24.

To overcome this phenomenon this Service Bulletin proposes :

- at ceiling, FR24, installation of a water protection shield between  
the insulation blanket and the connectors and modification of wire  
installation at connector backshell to provide a drip loop,
- at R passenger/crew door 1, FR21, modification of the wire attachment  
to provide a drip loop by adding a bracket.

**EFFECTIVITY**

This Service Bulletin is applicable to the following customer(s) : AAA,  
ACA, ADR, AFR, AIB, ALK, AMC, ANA, AUA, AZA, BAW, BV, CDN, CSC, CYP,  
DLH, FHA, GFA, HP, IAC, IBE, ITF, KAC, MON, MSR, MXA, NWA, OHY, OYC,  
RJA, SAA, SHK, SWR, TAI, TAR, UAL, XF, XP, XR, XW, XZ.

This modification is embodied before delivery on A/C MSN 562 and  
subsequent.

NOTE 1 : Config. No. 1 is applicable to aircraft on which modification  
No. 20886K0858 or No. 21369K1480 or No. 22966K2835 is not  
embodied.

NOTE 2 : Config. No. 2 is applicable to aircraft with modification  
No. 20886K0858 or No. 21369K1480 or No. 22966K2835.

**SERVICE BULLETIN TO BE ACCOMPLISHED PREVIOUSLY OR SIMULTANEOUSLY**

None.

# **A320/A321**

## SERVICE BULLETIN

### SUMMARY

#### REFERENCES/REPERCUSSIONS

TFU : 21-00-00-021  
OEB : None  
AOT : None  
SIL : None  
LIFE LIMIT : None  
LINE MAINTENANCE AFFECTED : NO  
OTHER : None

#### NATURE OF THE WORK

AIRCRAFT : YES  
EQUIPMENT : NO  
HARD : NO  
SOFT : NO  
OBRM : NO

#### COMPLIANCE

Recommended.

#### MANPOWER

For Config. No. 1

TOTAL MANHOURS 13.5

ELAPSED TIME (HOURS) 11.0

For Config. No. 2

TOTAL MANHOURS 10.0

ELAPSED TIME (HOURS) 9.0

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SUMMARY

MATERIAL INFORMATION

AIRCRAFT DATA

Qty per A/C :

1 plate assy, 1 plate, 1 bracket.

EQUIPMENT DATA

None.

APPENDICES

None.

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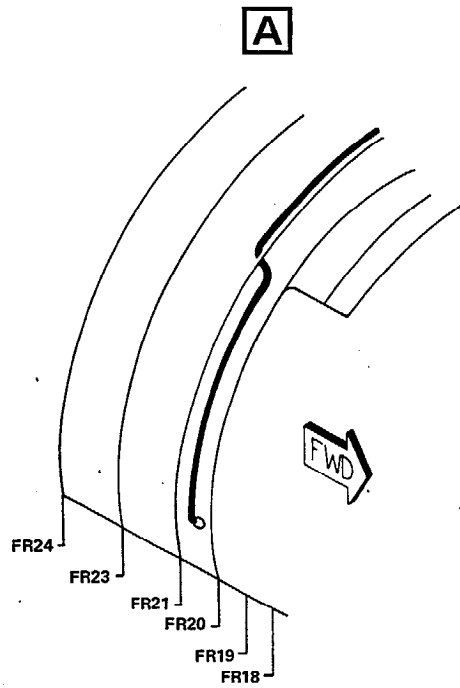
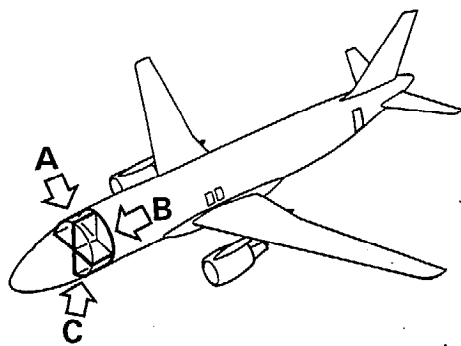
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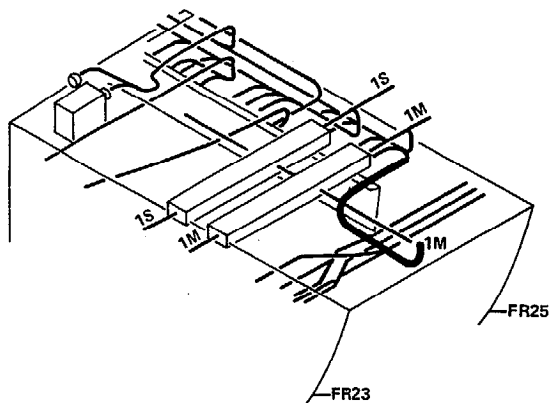
# **A320/A321**

## **SERVICE BULLETIN**

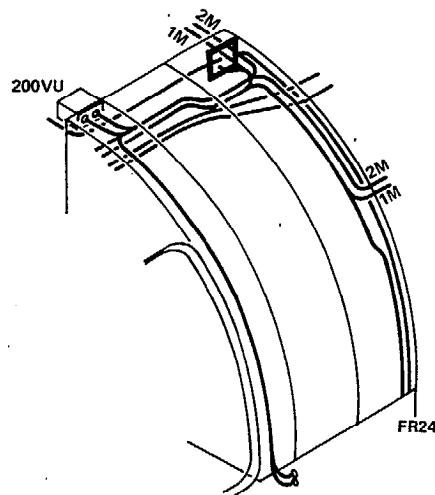
### **SUMMARY**



**C**



**B**



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SERVICE BULLETIN

TITLE : AIR CONDITIONING ELECTRICAL INSTALLATION - PROVIDE PROTECTIONS  
 AGAINST WATER CONTAMINATION OF ELECTRICAL HARNESS.

MODIFICATION No. 24291P3789

ATA SYSTEM : 21

1. PLANNING INFORMATION

A. EFFECTIVITY

(1) Aircraft models : 320-111, 320-211, 320-212, 320-231, 320-232,  
 321-111, 321-112, 321-131.

(2) Aircraft

Customer and Fleet No.	MSN	Kit No. 211097	Qty of Kits	Config No.
AAA001-013	022,023,024,025,026,027 029,030,140,142,157,229 547	A01	13	1
ACA201-234	059,068,073,084,122,126 127,141,149,150,154,159 183,233,242,248,253,254 255,265,277,290,310,311 324,330,333,341,342,350 359,378,384,426	A01	34	1
ADRO01-003	043,113,114	A01	03	1
AFRO01,002	005,007	A01	02	1
004-008	014,019,020,021,002	A01	05	1
031-048	061,062,063,100,101,102 128,129,133,186,187,188 226,227,228,285,286,287	A01	18	1
106,107	131,132	A01	02	1
AIB001	258	A01	01	1
401,402	376,386	A01	02	1
ALK001,002	374,406	A01	02	1
AMCO01,002	112,293	A01	02	1

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Customer and Fleet No.	MSN	Kit No. 211097	Qty of Kits	Config No.
ANA001-022	138,139,148,151,167,170 196,212,219,245,300,328 365,383,413,482,501,507 531,534,549,554	A01	22	1
AUA476	552	A01	01	1
AZA001-012	477,488,494,495,434,524 526,532,515,516,513,514	A01	12	1
BAW001-010	006,008,011,017,018,039 042,103,109,120	A01	10	1
BV 051,052	185,191	A01	02	1
CDN401-405	174,175,210,231,232	A01	05	1
407-411	283,284,302,305,309	A01	05	1
415,416	403,404	A01	02	1
CSC051-053	540,551,556	A01	03	1
CYP001-008	028,035,037,038,180,256 295,316	A01	08	1
DLH001-010	069,070,071,072,078,083 086,093,094,104	A01	10	1
012-034	110,111,116,117,135,137 147,161,162,172,200,201 202,209,216,217,218,267 268,269,346,382,401	A01	23	1
101-111	458,468,473,474,484,493 412,502,505,518,560	A01	11	2
FHA001,002	332,369	A01	02	1
101,102	538,555	A01	02	1
GFA801-816	313,325,345,375,419,421 438,445,459,466,481,497 536,537,542,543	A01	16	1
HP 620-622	052,053,054	A01	03	1
624-629	055,064,065,066,067,076	A01	06	1
631-637	077,081,082,091,092,098 099	A01	07	1

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## SERVICE BULLETIN

Customer and Fleet No.	MSN	Kit No. 211097	Qty of Kits	Config No.
IAC001-012	045,046,047,048,049,050	A01	12	1
014-031	051,056,057,058,074,075 080,089,090,095,096,097 396,398,416,423,431,432 451,469,486,490,492,499	A01	18	1
IBE001-022	134,136,143,146,158,173 176,177,199,207,223,224 240,241,246,264,266,274 303,312,323,356	A01	22	1
ITF001-003	010,012,013	A01	03	1
005-018	016,033,036,044,004,003 108,115,130,155,156,184 214,239	A01	14	1
020-027	278,337,352,236,237,377 491,525	A01	08	1
101-105	498,509,521,529,544	A01	05	1
201,202	144,145	A01	02	1
301,302	204,211	A01	02	1
401-403	215,244,270	A01	03	1
KAC001-003	181,182,195	A01	03	1
MON001,002	379,389	A01	02	1
MSR001-007	165,166,178,194,198,351 366	A01	07	1
MXA001-010	252,259,260,261,275,276 296,320,321,353	A01	10	1
012	368	A01	01	1
016	433	A01	01	1
NWA301-350	031,032,034,040,041,060 106,107,118,121,125,152 153,160,171,192,197,206 208,213,262,263,272,273 281,282,297,298,306,307 318,319,329,339,340,355 358,360,367,372,380,381 387,388,399,400,408,410 417,418	A01	50	2
OHY001	385	A01	01	1
OYC001-006	163,164,168,169,179,193	A01	06	1

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## SERVICE BULLETIN

Customer and Fleet No.	MSN	Kit No. 211097	Qty of Kits	Config No.
RJA001,002	087,088	A01	02	2
SAA001-007	243,249,250,251,334,335 440	A01	07	1
SHK001-003	322,326,344	A01	03	1
SWR226-230	533,545,548,553,559	A01	05	1
276-281	517,519,520,522,535,541	A01	06	1
TAI001,002	558,561	A01	02	1
051-054	448,453,460,461	A01	04	1
TAR001-008	119,124,205,370,390,402 123,511	A01	08	1
UAL401-429	435,439,442,450,452,454 456,457,462,463,464,465 470,472,475,479,483,485 487,489,500,503,504,506 508,510,512,523,539	A01	29	1
XF 001-009	393,394,414,430,443,447 415,405,361	A01	09	1
053-056	428,496,527,530	A01	04	1
101	425	A01	01	1
201,202	550,557	A01	02	1
501,502	446,422	A01	02	1
504-508	371,397,409,427,528	A01	05	1
551	279	A01	01	1
XP 001	085	A01	01	1
051-059	203,220,221,222,294,299 301,348,349	A01	09	1
062,063	391,392	A01	02	1
502-505	362,363,455,471	A01	04	1
XR 501-525	225,230,238,247,257,271 280,291,292,304,308,314 315,317,327,336,338,429 444,449,467,476,478,480 437	A01	25	1
XW 501-506	347,354,357,373,411,424	A01	06	1
509	441	A01	01	1

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## SERVICE BULLETIN

Customer and Fleet No.	MSN	Kit No. 211097	Qty of Kits	Config No.
XZ 003-004	189,190	A01	02	1
101-110	234,235,288,289,331,343 395,407,420,436	A01	10	1

This modification is embodied before delivery on A/C MSN 562 and subsequent.

NOTE 1 : Config. No. 1 is applicable to aircraft on which modification No. 20886K0858 or No. 21369K1480 or No. 22966K2835 is not embodied.

NOTE 2 : Config. No. 2 is applicable to aircraft with modification No. 20886K0858 or No. 21369K1480 or No. 22966K2835.

(3) Spares

None.

B. REASON

(1) History

Operators have reported electrical connector damage in the forward galley area due to water condensation ingress between FR21 and FR24.

(2) Objective/Action

To overcome this phenomenon this Service Bulletin proposes :

- at ceiling, FR24, installation of a water protection shield between the insulation blanket and the connectors and modification of wire installation at connector backshell to provide a drip loop,
- at R passenger/crew door 1, FR21, modification of the wire attachment to provide a drip loop by adding a bracket.

(3) Advantages

Protection of electrical connectors from water ingress will permit efficient functioning of the concerned systems.

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**SERVICE BULLETIN****(4) Operational/Maintenance Consequences**

None.

**(5) Accomplishment Timescale**

It is recommended to accomplish this Service Bulletin at the earliest opportunity where manpower and facilities are available.

**C. DESCRIPTION**

To accomplish this Service Bulletin, it is necessary to :

- (1) Modify the routing of the vacuum cleaner between FR20 and FR21.
- (2) Install a drip pan between FR23 and FR24 on the cabin ceiling.
- (3) Provide a drain hole on the L furnishings harness conduit at the cabin floor.

**D. APPROVAL**

The design data contained in this Service Bulletin has been approved under the authority of DGAC Design Organisation Approval No. C 01. The changes specified in this Service Bulletin have been approved by the DGAC when they are major, or under the authority of DGAC Design Organisation Approval No. C 01, when they are minor.

**E. MANPOWER**

This Service Bulletin is written for an aircraft in a maintenance condition. The manhours/elapsed time estimates do not include the time to prepare for the modification, non-productive elapsed time or administration.

For Config. No. 1

Gain access	2.0
Modify the routing of the vacuum cleaner between FR20 and FR21	4.0

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**SERVICE BULLETIN**

Install a drip pan between FR23 and FR24 on the cabin ceiling	2.0
Provide a drain hole on the L furnishings harness conduit at the cabin floor	0.5
Test	3.0
Close-up	2.0
TOTAL MANHOURS	13.5
ELAPSED TIME (HOURS)	11.0
For Config. No. 2	
Gain access	2.0
Modify the routing of the vacuum cleaner between FR20 and FR21	0.5
Install a drip pan between FR23 and FR24 on the cabin ceiling	2.0
Provide a drain hole on the L furnishings harness conduit at the cabin floor	0.5
Test	3.0
Close-up	2.0
TOTAL MANHOURS	10.0
ELAPSED TIME (HOURS)	9.0

**F. MATERIAL - COST AND AVAILABILITY****(1) Material**

Customers with aircraft shown in paragraph 1.A.(2) should send a purchase order to Airbus Industrie. Quote the number of this Service Bulletin. The address is :

AIRBUS INDUSTRIE  
AIRSPARES  
MATERIAL SUPPORT CENTER  
P.O. BOX 63 02 62  
22312 HAMBURG  
GERMANY

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### (2) Cost and availability

Kit No.	Cost (US Dollars)	Availability : Calendar days from receipt of order
211097A01	362.00	90

NOTE : The sales terms (costs and availability) are estimated in relation to economic conditions at the issue date of the Service Bulletin.

### G. TOOLING - PRICE AND AVAILABILITY

None.

### H. WEIGHT AND BALANCE

Manufacturers Empty Weight : + 0.050 kg (+ 0.110 lb)

Effect on balance : + 0.435 kgm (+ 3.146 lb.ft)

### I. REFERENCES

Aircraft Maintenance Manual (AMM) : 06-41-53, 12-34-24, 20-21-11,  
23-32-00, 23-33-00, 23-73-00,  
24-41-00, 25-23-41, 25-23-45,  
25-80-00, 30-71-00, 30-73-00,  
31-60-00, 33-21-00, 33-25-00,  
33-27-00, 33-34-00, 33-51-00,  
35-23-00, 51-23-00, 52-10-00,  
52-73-00

Structural Repair Manual (SRM) : 51-40-00

Consumable Material List (CML)

### J. PUBLICATIONS AFFECTED

Illustrated Parts Catalog (IPC) : 53-16-01

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**2. ACCOMPLISHMENT INSTRUCTIONS****A. GENERAL****(1) Preparation**

- (a) De-energize the aircraft electrical circuits  
(Refer to AMM 24-41-00, P. Block 201) and electrically ground the aircraft (Refer to AMM 12-34-24, P. Block 201).
- (b) Put the access platforms in position at the access doors 824 and 841.
- (c) Open the forward passenger/crew door 841  
(Refer to AMM 52-10-00, P. Block 201).
- (d) Open the access door 822 (Refer to AMM 06-41-53).
- (e) Open, safety and tag this(these) circuit breaker(s) :

PANEL	SERVICE	IDENT.	LOCATION
123VU	GND/PWR/PROTECTION	2XG	7 AB
105VU	ELEC/BAT BUS/REF/BCL1	8PB1	1 AS
105VU	ELEC/BAT/REF/BCL1	9PB1	1 AS
105VU	ELEC/BAT BUS/REF/BCL2	8PB2	1 AS
105VU	ELEC/BAT/REF/BCL2	9PB2	1 AS
105VU	ELEC/STAT INV/CNTOR/CTL	14XB	1 AS
105VU	ELEC/HOT BUS/702PP SPLY	12PB2	1 AS
105VU	ELEC/HOT BUS/702PP SPLY	5PB2	1 AS

- (f) In the forward passenger compartment, remove the ceiling panel 231BC (Refer to AMM 25-23-41, P. Block 401).
- (g) In the forward passenger compartment, remove the R door frame Linings 232AW and 232BW (Refer to AMM 25-23-45, P. Block 401).

**(2) Standard procedures**

- (a) For the material specification (Mat. No.) given in this Service Bulletin, refer to CML.

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- (b) To torque the standard threaded fasteners  
(Refer to AMM 20-21-11).

**WARNING : METHYL-ETHYL-KETONE (MEK) (MAT. No. 11-003) IS DANGEROUS.**  
AVOID INHALING FUMES. USE IN A WELL VENTILATED AREA.  
METHYL-ETHYL-KETONE IS HIGHLY FLAMMABLE.  
METHYL-ETHYL-KETONE IS A SKIN IRRITANT. WEAR  
PROTECTIVE GLOVES OR USE A BARRIER CREAM. WASH  
IMMEDIATELY WITH CLEAN WATER IF SKIN IS SPLASHED WITH  
SOLVENT.

- (c) To clean the surfaces to be sealed with Mat. No. 11-003.
- (d) To renew the protective finish (Refer to AMM 51-23-00) with  
Mat. No. 16-002 and No. 16-006.
- (e) To drill and deburr the holes (Refer to SRM 51-40-00).
- (f) To shorten the rivets as required.
- (g) It is recommended to tag the retained parts and note the  
location to help later installation.

### **B. MODIFICATION**

- (1) Modify the routing of the vacuum cleaner between FR20 and FR21.

Refer to Figure 1

FOR CONFIG. No. 1

- (a) Remove the components which prevent the removal of the  
insulation blanket.
- (b) Remove the insulation blanket between FR20 and FR21  
(Refer to AMM 25-80-00, P. Block 201).
- (c) Installation of the new bracket :
  - 1 Apply sealant Mat. No. 09-018 between the brackets Item 1  
and the stop 1.
  - 2 Put in position :  
1 bracket D5391375200000 Item 1
  - 3 Drill to a dia. of 3.2 mm (0.126 in.)

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### 4 Attach with :

2 rivets      ASNA2050DCJ03215      Item 4

### 5 Apply paint Mat. No. 16-002 and 16-006.

### (d) Installation of the routing :

#### 1 Put in position the routing and the two electrical bondings and attach with :

1 clamp	NSA5516-14NV	Item 12
1 washer	ASNA2397-10L	Item 5
1 screw	NAS1096-3-7	Item 8

(e) Cut out the insulation blanket for the passage of the new bracket and apply the adhesive material KB6 on the cut section.

(f) Install the insulation blanket between FR20 and FR21 (Refer to AMM 25-80-00, P. Block 201).

(g) Install the components removed for the removal of the insulation blanket.

### FOR CONFIG. No. 2

(h) Cut the cable tie Item (10).

(i) Put in position the routing and the two electrical bondings and attach with :

1 cable tie      NSA935401-04      Item 10

(2) Install a drip pan between FR23 and FR24 on the cabin ceiling.

Refer to Figure 2

### FOR A320 AIRCRAFT

(a) Disconnect and remove from the plate assy Item (3) :

- two connectors 2773VC and 2775VC
- or
- three connectors 2773VC, 2775VC and 2781VC.



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## SERVICE BULLETIN

### FOR A321 AIRCRAFT

(b) Disconnect and remove from the plate assy Item (3) :

- three connectors 2773VC, 2775VC and 2771VC  
or
- four connectors 2773VC, 2775VC, 2771VC and 2781VC.

### FOR ALL AIRCRAFT

(c) Remove :

4 cable ties	Item (10) (discard)
2 screws	Item (6) (discard)
2 screws	Item (7) (discard)
4 washers	Item (14) (retain)
2 supports	Item (13) (retain)
1 plate assy	Item (3) (discard)

(d) Install :

1 plate	D9241239020000	Item 2
1 plate assy	D9241239200000	Item 3
2 spacers	NSA5527-03-06	Item 9
2 supports		Item (13)
4 washers		Item (14)
2 screws	NAS1096-3-16	Item 6
2 screws	NAS1096-3-8	Item 7
2 bobbins	NSA935510-02	Item 11
4 cable ties	NSA935401-04	Item 10

NOTE : The supports Item (13) and the washers Item (14) were retained at removal.

### FOR A320 AIRCRAFT

(e) Install and connect on the new plate assy Item 3 :

- two connectors 2773VC and 2775VC  
or
- three connectors 2773VC, 2775VC and 2781VC.

### FOR A321 AIRCRAFT

(f) Install and connect on the new plate assy Item 3 :

- three connectors 2773VC, 2775VC and 2771VC  
or
- four connectors 2773VC, 2775VC, 2771VC and 2781VC.

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- (3) Provide a drain hole on the L furnishings harness conduit at the cabin floor.

Refer to Figure 3

- (a) On the conduit, drill a drain hole at the lower point.

CAUTION : DO NOT CUT THE WIRE IN THE CONDUIT.

### C. TESTS

- (1) Energize the aircraft electrical circuits (Refer to AMM 24-41-00, P. Block 201).
- (2) Remove the safety clips and tags and close the circuit breakers mentioned in Para. 2.A.(1)(e).
- (3) Test of the opening/closing of the right aft cabin door and the right aft emergency exit.
  - (a) Do the EIS start procedure (Refer to AMM 31-60-00, P. Block 201).
  - (b) On the ECAM control panel, push the DOOR key (On the lower ECAM DU the DOOR/OXY page comes into view).
  - (c) Open and close the right aft cabin door and the right aft emergency exit.
  - (d) On the DOOR/OXY page, make sure that :
    - the door open and closed indications are correct,
    - the escape slide arming indications are correct.
  - (e) Do the EIS stop procedure (Refer to AMM 31-60-00, P. Block 201).
- (4) Do the following test only for the right doors :
  - operational test of the warning system related to the emergency exits (Refer to AMM 52-73-00, P. Block 501).
- (5) Do the BITE test of the CIDS (Refer to AMM 23-73-00, P. Block 501).
- (6) Do the prerecorded announcement operation of the Prerecorded Announcement and boarding Music (PRAM) Reproducer (Refer to AMM 23-32-00, P. Block 501).
- (7) Do the test of the passenger entertainment (Music) (Refer to AMM 23-33-00, P. Block 501).

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- (8) Do the BITE test of the CIDS (Refer to AMM 23-73-00, P. Block 501).
- (9) Do the operational test of the waste water ice-protection  
(Refer to AMM 30-71-00, P. Block 501).
- (10) Do the BITE test of the potable water ice-protection  
(Refer to AMM 30-73-00, P. Block 501).
- (11) Do the operational test of manual mask release  
(Refer to AMM 35-23-00, P. Block 501).
- (12) Do the operational test of emergency lights by TEST EMER LIGHT SYS  
pushbutton (Refer to AMM 33-51-00, P. Block 501).
- (13) Do the operational test of the general illumination  
(Refer to AMM 33-21-00, P. Block 501).
- (14) Do the operational test of the FWD and AFT cargo compartment  
lighting (Refer to AMM 33-34-00, P. Block 501).
- (15) Do the operational test of the passenger reading light-system  
(Refer to AMM 33-25-00, P. Block 501).
- (16) Do the operational test of the cabin attendant work-light  
(Refer to AMM 33-27-00, P. Block 501).

### **D. CLOSE-UP**

- (1) Make sure that the work areas are clean and clear of tools and  
other items of equipment.
- (2) In the forward passenger compartment, install the R door frame  
linings 232AW and 232BW (Refer to AMM 25-23-45, P. Block 401).
- (3) In the forward passenger compartment, install the ceiling panel  
231BC (Refer to AMM 25-23-41, P. Block 401).
- (4) Close the access door(s).
- (5) Remove the access platform(s).
- (6) Disconnect the aircraft electrical ground-connection  
(Refer to AMM 12-34-24, P. Block 201).
- (7) Restore systems and aircraft to normal operating condition.

### **E. DOCUMENTATION**

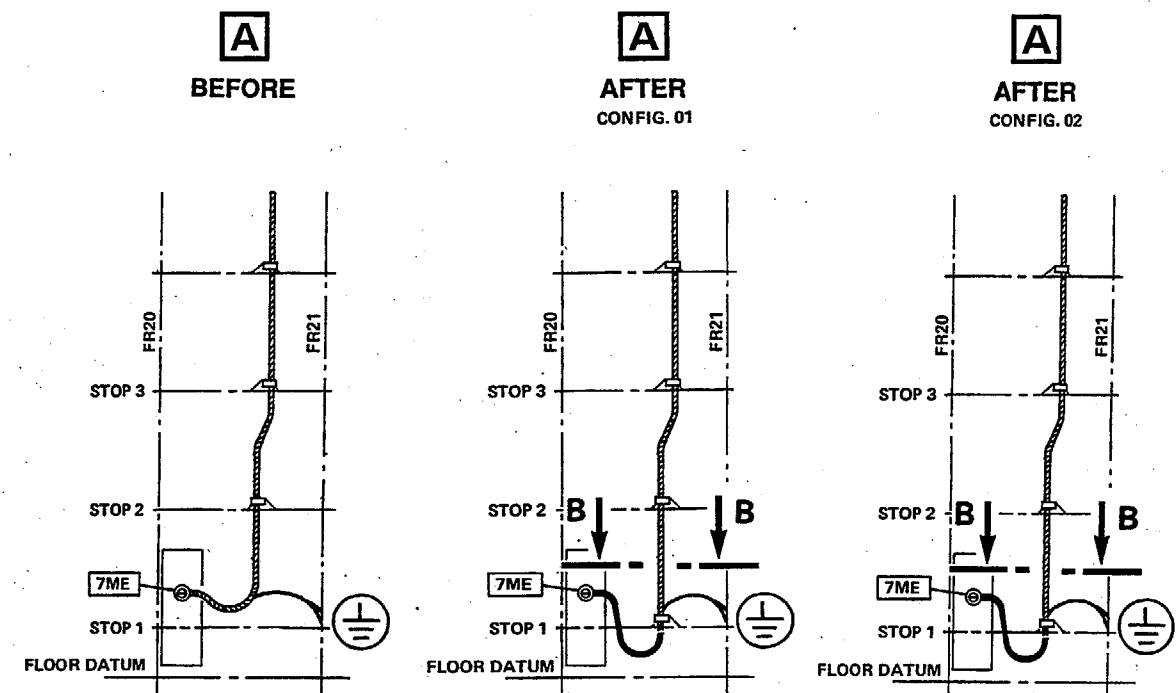
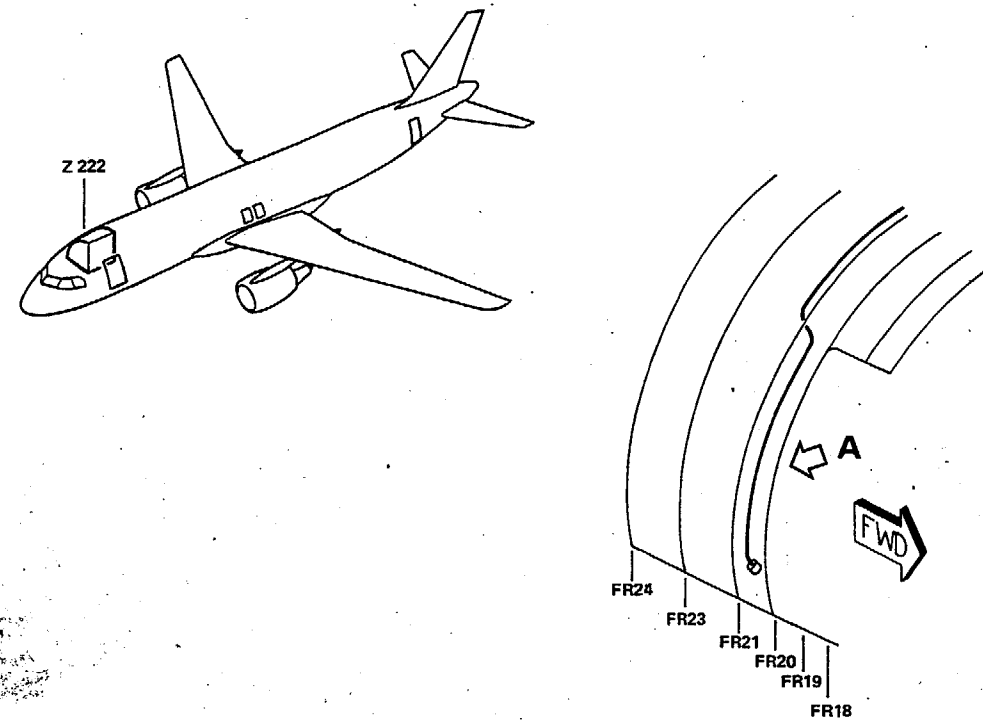
Write in the applicable aircraft records that you have done all the work  
given in this Service Bulletin.

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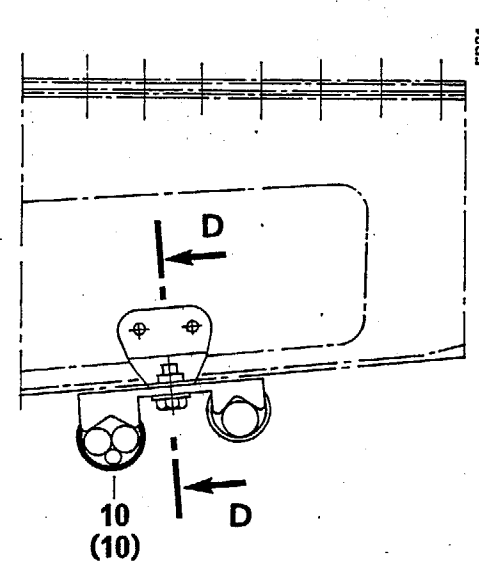
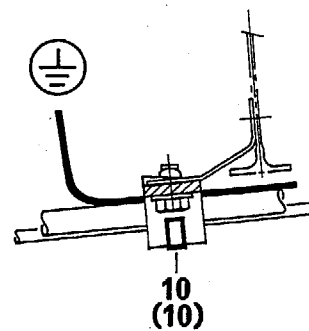
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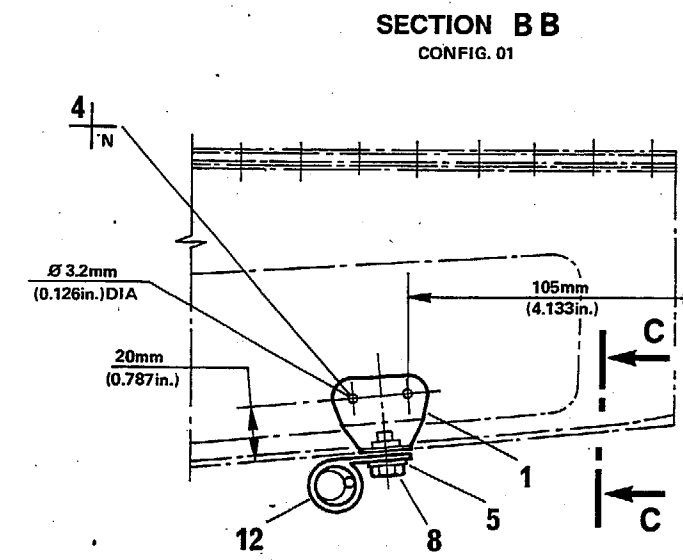
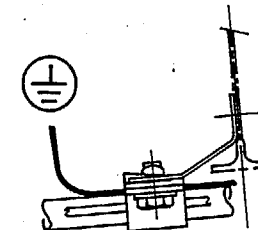


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CONFIG. 02

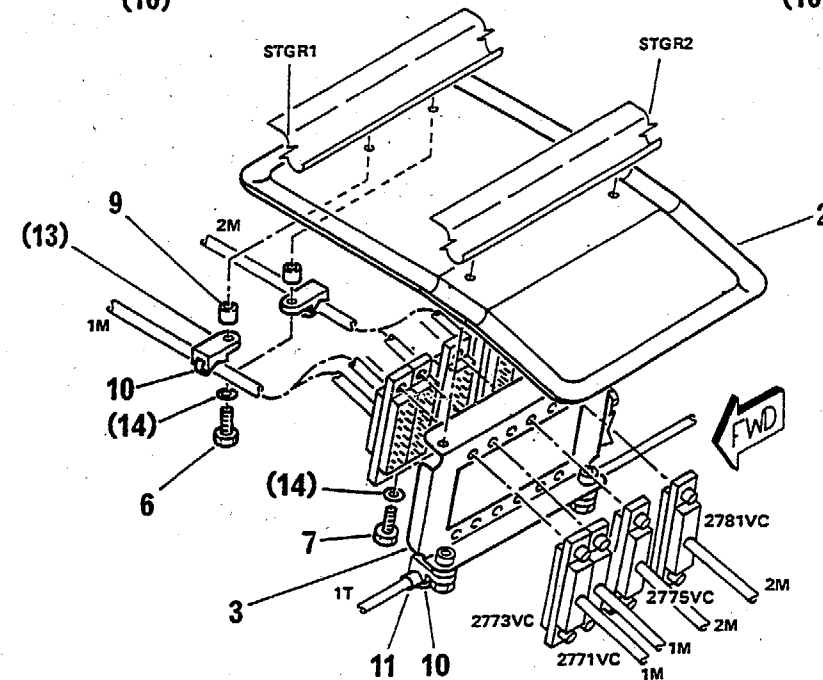
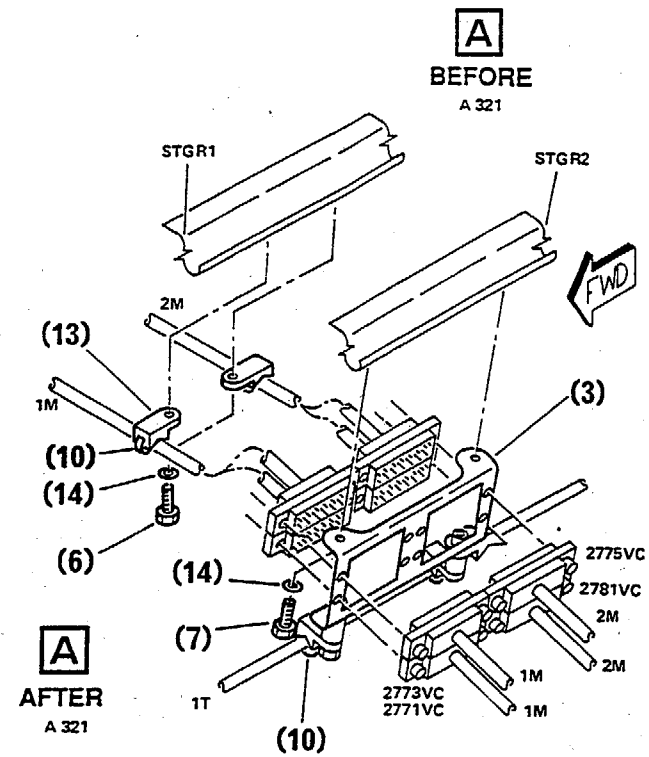
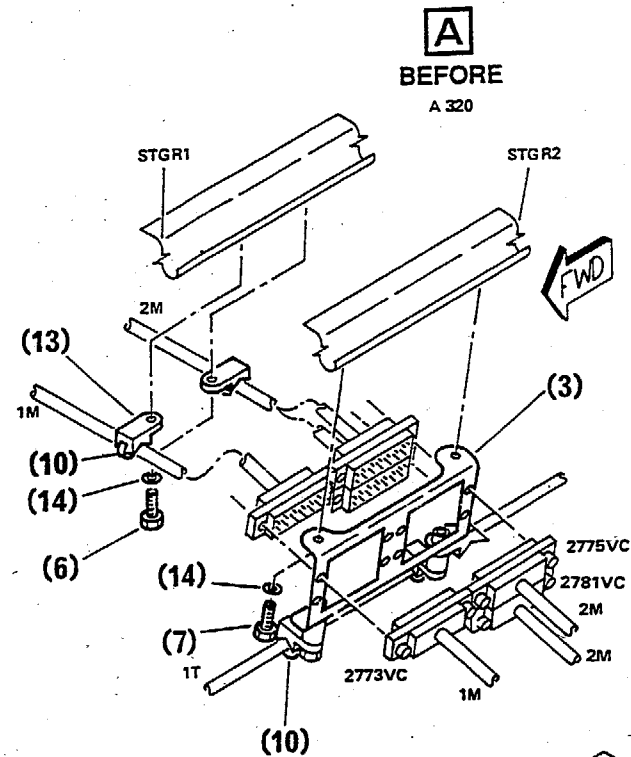
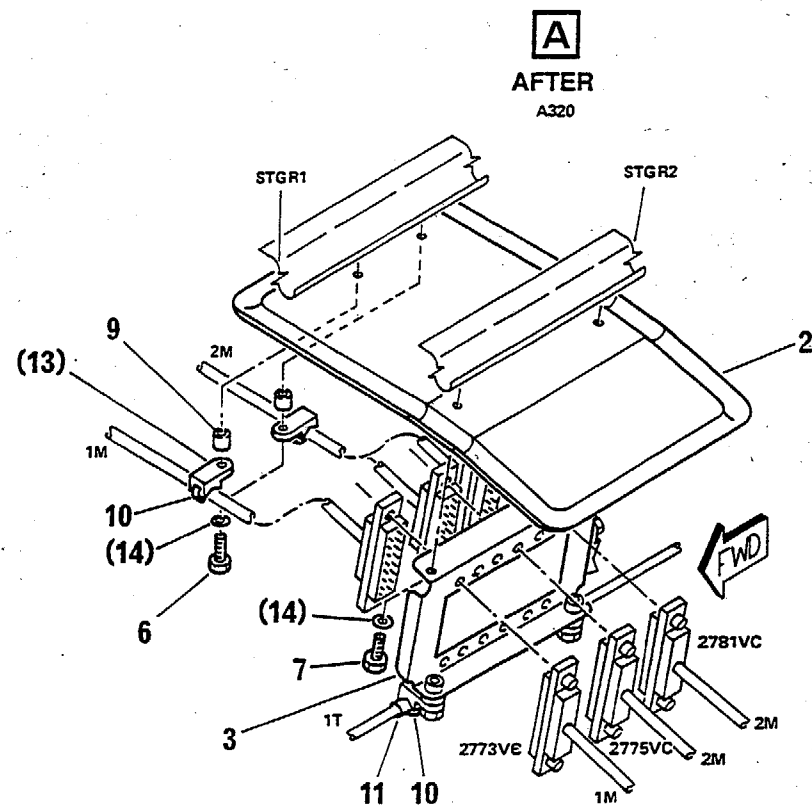
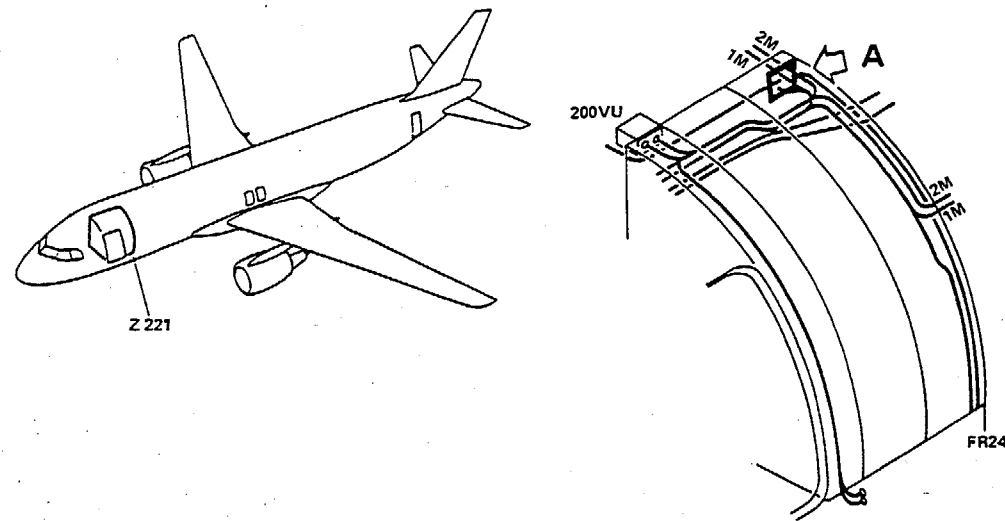
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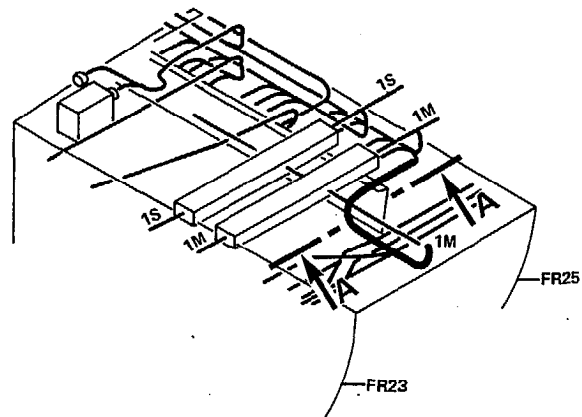
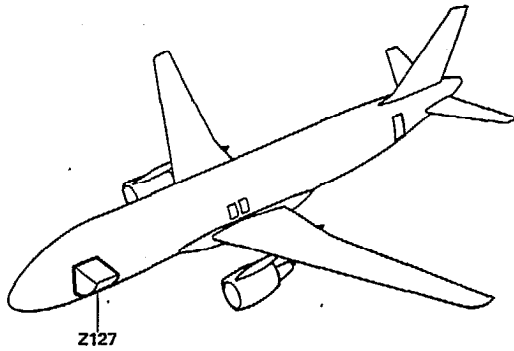
**SECTION C C**  
CONFIG. 01



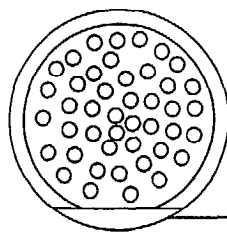
Modification of the Routing of the Vacuum Cleaner  
Figure 1



Installation of a Drip Pan between FR23 and FR24  
Figure 2



### **SECTION AA**



ON CONDUIT DRILL A DRAIN  
HOLE AT LOWER POINT

Drilling of a Drain Hole on the L Furnishings Harness Conduit  
at the Cabin Floor  
Figure 3

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**3. MATERIAL INFORMATION****A. LIST OF COMPONENTS**

ITEM	NEW PART No.	QTY	KEYWORD	ITEM	OLD PART No.	INT INST DISP
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**Kit No. 211097A01**

1	D5391375200000	1	Bracket			
2	D9241239020000	1	Plate			
3	D9241239200000	1	Plate	(3)	D9241071100200	*
4	ASNA2050DCJ03215	2	Rivet			
5	ASNA2397-10L	1	Washer			
6	NAS1096-3-16	2	Screw			
7	NAS1096-3-8	2	Screw			
8	NAS1096-3-7	1	Screw			
9	NSA5527-03-06	2	Spacer			
10	NSA935401-04	5	Tie			
11	NSA935510-02	2	Bobbin			
12	NSA5516-14NV	1	Clamp			

NOTE \* : Discard.

**B. SPECIAL TOOLS**

None.

**C. LIST OF MATERIALS - OPERATOR SUPPLIED**

DESCRIPTION	REFERENCE TO CML	QTY PER A/C
Polysulfide polymer	Mat. No. 09-018	As required
Methyl-Ethyl-Ketone	Mat. No. 11-003	As required
Polyurethane primer	Mat. No. 16-006	As required
Paint	Mat. No. 16-002	As required
Adhesive tape KB6	JEHIER SA BP 22 49210 CHEMILLE FRANCE	As required

**D. PARTS TO BE RE-IDENTIFIED BY OPERATOR**

None.

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AIRBUS INDUSTRIE  
CUSTOMER SERVICES DIRECTORATE  
TECHNICAL PUBLICATIONS  
1 Rond Point Maurice BELLONTE  
31707 BLAGNAC CEDEX FRANCE  
Tel : (33) 61-93-33-33  
Telex : AIRBUS 530526 F



SERVICE BULLETIN

TITLE : AIR CONDITIONING ELECTRICAL INSTALLATION - PROVIDE PROTECTIONS  
AGAINST WATER CONTAMINATION OF ELECTRICAL HARNESS.

MODIFICATION No. 24291P3789

ATA SYSTEM : 21

IS BEING HERewith SUBMITTED TO YOU FOR REVIEW

Please fill :           ... REJECTED  
                          ... WILL BE EMBODIED  
                          ... EFFECTIVITY

This SB can only be incorporated in your "customized" documentation within  
the agreed time schedule in so far as this sheet is returned to us on  
purchase date and signed by a duly authorized and empowered officer or  
representative.

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NAME :

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.....19..

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5 DATE : Jun 21/95

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