

CHAPTER

36

**PNEUMATIC
POWER**



737-600/700/800/900
ILLUSTRATED TOOL AND EQUIPMENT MANUAL

CHAPTER 36
PNEUMATIC POWER

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CHAPTER 36
PNEUMATIC POWER

<u>SUBJECT</u>	<u>TITLE</u>	<u>PART NO.</u>
36	PNEUMATIC POWER	
36-10-01	TEST EQUIPMENT - ENGINE BLEED AIR SYSTEMS	C36001-111, -63, -64
36-10-08	DISPATCH KIT - PRECOOLER CONTROL VALVE	C36002-1

36-CONTENTS



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PART NUMBER: C36001-63, -64, -111

NAME: TEST EQUIPMENT - ENGINE BLEED AIR SYSTEMS

AIRPLANE MAINTENANCE: YES

AMM 05-00-00, AMM 36-11-00, AMM 36-11-07, AMM 36-11-16, AMM 36-12-00

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: The C36001-63 and C36001-111 test equipment are both used on 737-300 thru -500 airplanes equipped with CFM56-3 engines.

The C36001-64 test equipment is used on all 737-600 thru -900 airplanes equipped with CFM56-7 engines.

C36001 is used in conjunction with a customer-furnished, pressurized, regulated nitrogen source. C36001 is used to perform operational or functional tests of the engine bleed air system components.

Refer to AMM 05-00-00, AMM 36-11-00, AMM 36-11-07, AMM 36-11-16, AMM 36-12-00 and the current C36001 drawing for complete usage instructions.

The design of this equipment meets the requirements of Article 3, Paragraph 3 of the Pressure Equipment Directive 97/23/EC.

Refer to AMM 05-00-00, AMM 36-11-00, AMM 36-11-07, AMM 36-11-16, AMM 36-12-00 and the current C36001 drawing for complete usage instructions.

C36001-63, -64 and -111 consist of:

C36001-63		
QUANTITY	NOMENCLATURE	PART NUMBER
1	30 PSI GAUGE ASSEMBLY	C36001-2
1	60 PSI GAUGE ASSEMBLY	C36001-3
1	VALVE ASSEMBLY	C36001-4
2	REGULATOR ASSEMBLY	C36001-45
3	LONG HOSE ASSEMBLY	C36001-110
3	SHORT HOSE ASSEMBLY	C36001-82
1	FLARELESS ELBOW REDUCER MS4	C36001-9
2	FLARELESS ELBOW REDUCER MS5	C36001-10
3	FLARELESS ELBOW REDUCER MS6	C36001-11
2	CAP AN4	C36001-12
10	FLARELESS TUBE END CAP MS4	C36001-13
1	FLARELESS TUBE END PLUG MS6	C36001-14
1	FLARELESS TUBE END CAP MS6	C36001-66
1	UNION MS4	C36001-19
1	UNION MS5	C36001-20

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(Continued)

C36001-63		
QUANTITY	NOMENCLATURE	PART NUMBER
1	UNION MS6	C36001-21
2	UNION MS4/MS6	C36001-67
1	FLARELESS TUBE END CAP WITH 0.020 INCH HOLE MS4	C36001-68
1	FLARELESS TUBE END CAP WITH 0.032 INCH HOLE MS6	C36001-69
2	HOSE EXTENSION ASSEMBLY	C36001-83
1	STORAGE CASE	

C36001-64		
QUANTITY	NOMENCLATURE	PART NUMBER
2	CAP AN4	C36001-12
2	PLUG AN4	C36001-16
1	PLUG WITH 0.032 INCH HOLE AN4	C36001-70
1	30 PSI GAUGE ASSEMBLY	C36001-71
1	30 PSI GAUGE AND VALVE ASSEMBLY	C36001-72
1	60 PSI GAUGE ASSEMBLY	C36001-73
1	REGULATOR ASSEMBLY	C36001-74
1	UNION AN4	C36001-76
2	HOSE EXTENSION ASSEMBLY	C36001-83
1	STORAGE CASE	

C36001-111		
QUANTITY	NOMENCLATURE	PART NUMBER
1	SUPPLY ASSEMBLY	C36001-112
1	CONTROL ASSEMBLY	C36001-113
1	STORAGE CASE	

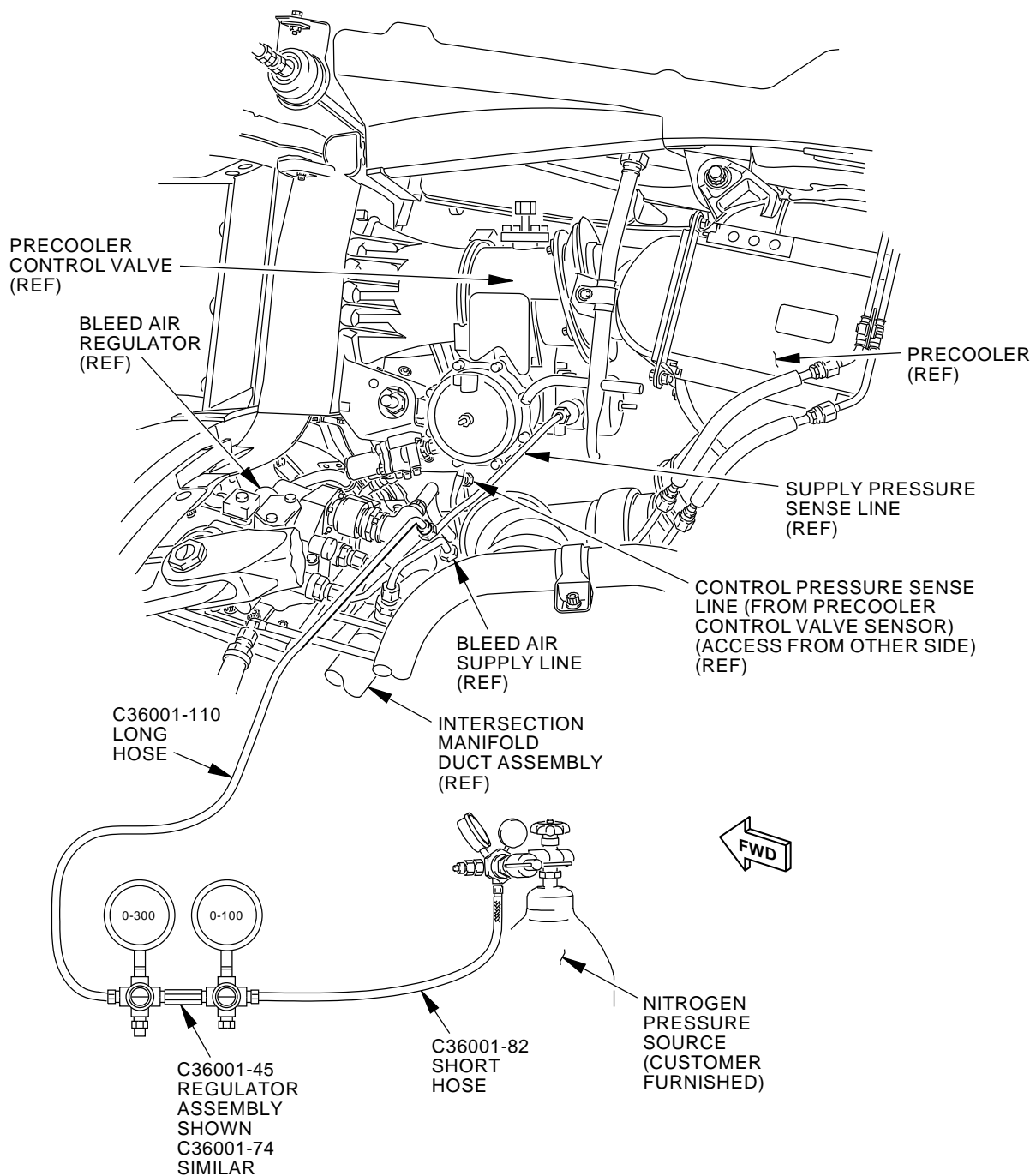
WEIGHT: C36001-63 - 40 lbs (18 kg)
C36001-64 - 27 lbs (12 kg)
C36001-111 - 25 lbs (11 kg)

DIMENSIONS: C36001-63, -64 - 12 x 20 x 25 inches (305 x 508 x 635 mm)
C36001-111 - 9 x 20 x 25 inches (229 x 508 x 635 mm)

NOTE: C36001-63 supersedes C36001-51 and -44 for 737-300 thru -500.
C36001-64 supersedes C36001-51 and -44 for 737-600 thru -900.

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**TYPICAL USE FOR
PRECOOLER CONTROL VALVE OPERATIONAL CHECK**

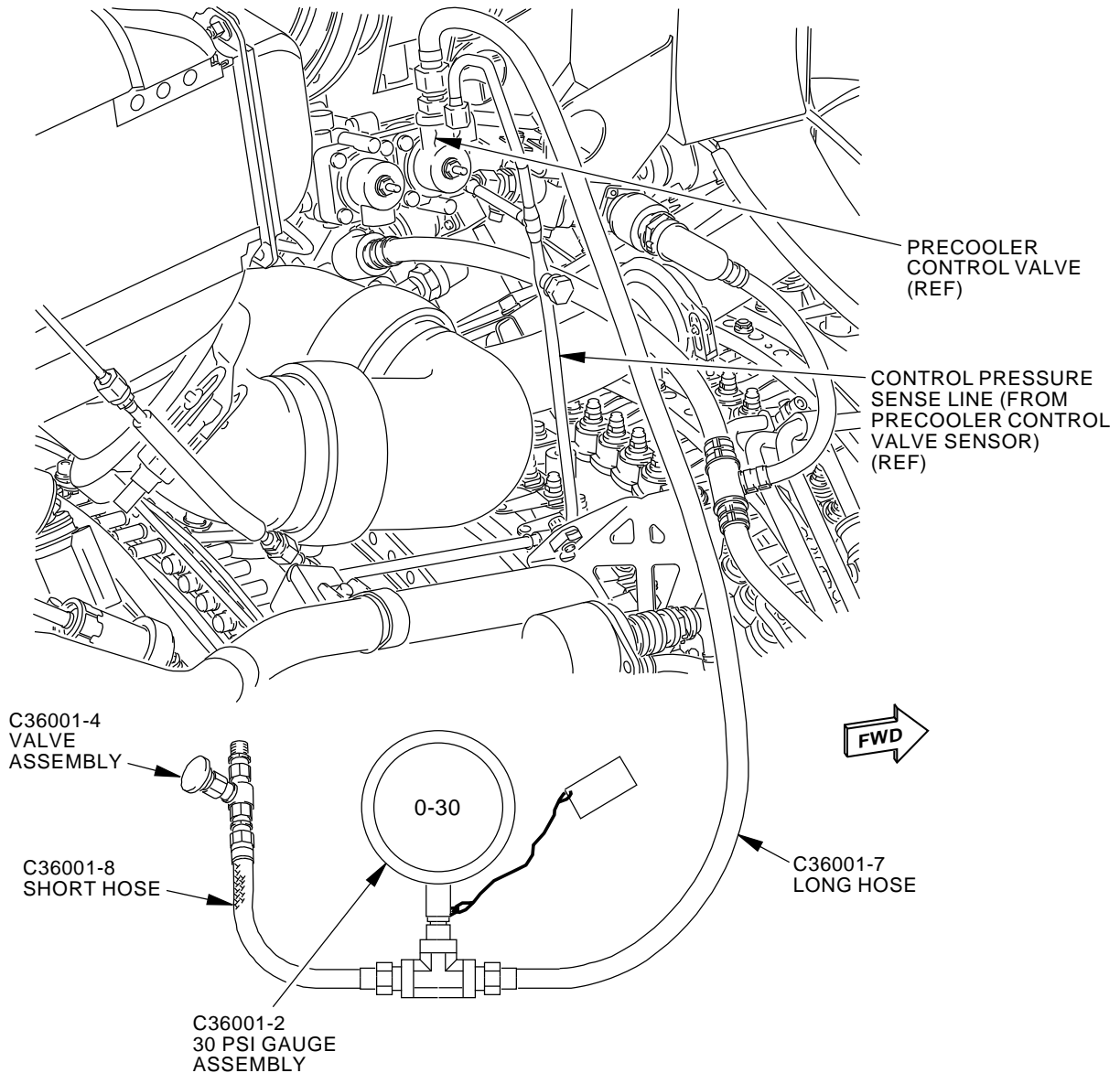
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**Engine Bleed Air Systems Test Equipment
Figure 1 (Sheet 1 of 4)**

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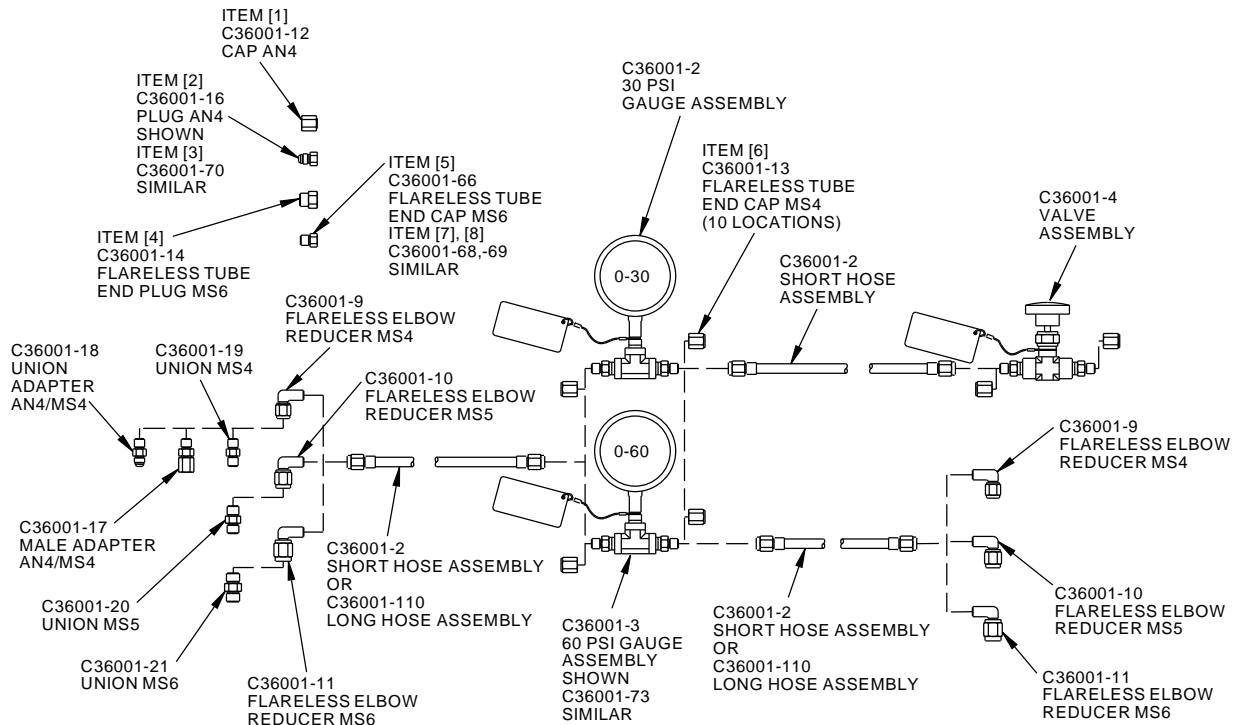
TYPICAL USE FOR
PRECOOLER CONTROL VALVE OPERATIONAL CHECK

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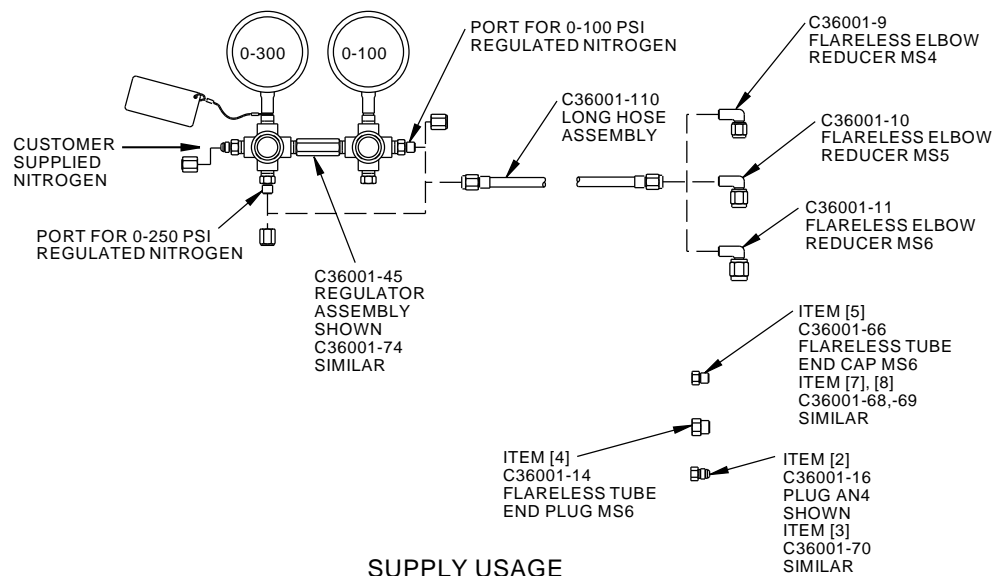
Engine Bleed Air Systems Test Equipment
Figure 1 (Sheet 2 of 4)

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CONTROL USAGE



SUPPLY USAGE

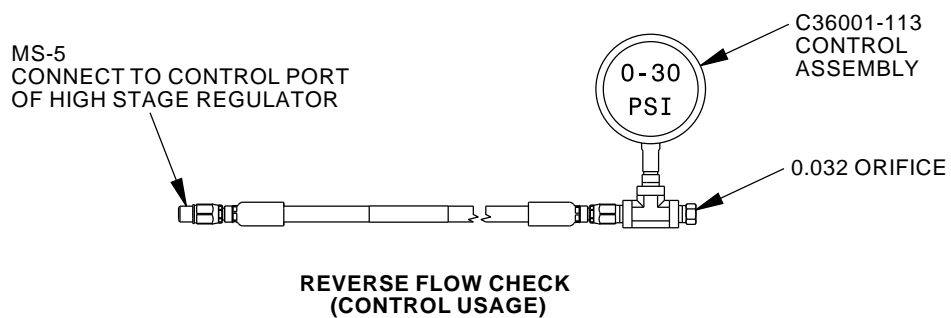
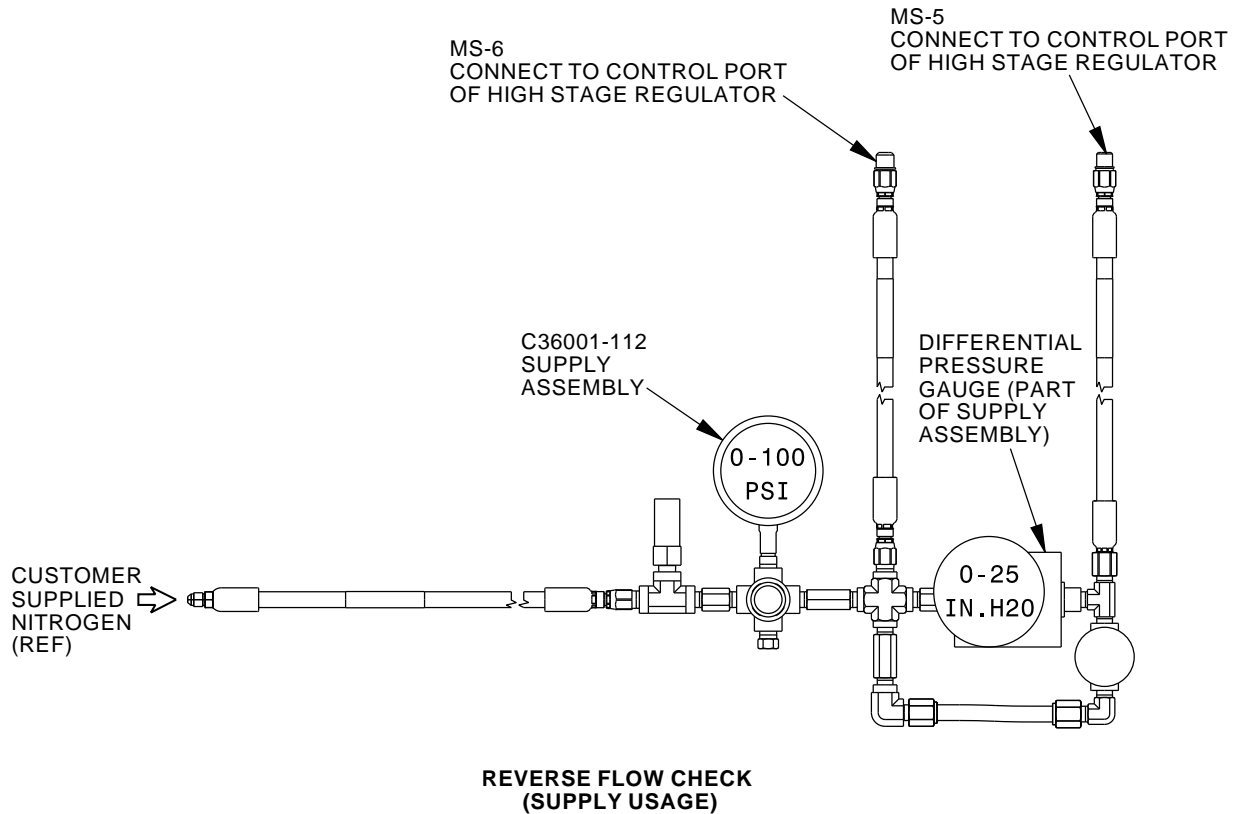
2118473 S0000455218_V2

**Engine Bleed Air Systems Test Equipment
Figure 1 (Sheet 3 of 4)**

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**Engine Bleed Air Systems Test Equipment
Figure 1 (Sheet 4 of 4)**

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REPAIRABLE/REPLACEABLE PARTS			
ITEM NUMBER	PART NUMBER	NOMENCLATURE	VENDOR CODE
[1]	C36001-12	CAP AN4	---
[2]	C36001-16	PLUG AN4	---
[3]	C36001-70	PLUG WITH 0.032-INCH HOLE AN4	---
[4]	C36001-14	FLARELESS TUBE END PLUG MS6	---
[5]	C36001-66	FLARELESS TUBE END CAP MS6	---
[6]	C36001-13	FLARELESS TUBE END CAP MS4	---
[7]	C36001-68	FLARELESS TUBE END CAP WITH 0.020-INCH HOLE MS4	---
[8]	C36001-69	FLARELESS TUBE END CAP WITH 0.032-INCH HOLE MS6	---

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PART NUMBER: C36002-1

NAME: DISPATCH KIT - PRECOOLER CONTROL VALVE

AIRPLANE MAINTENANCE: YES

AMM 36-12-02

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: The C36002-1 dispatch kit is used on all 737-600 thru -900 airplanes.
C36002 is used to allow dispatch of an airplane with a deactivated precooler control valve.

Refer to AMM 36-12-02 and the current drawing for complete usage instructions.

C36002-1 consists of:

C36002-1		
QUANTITY	NOMENCLATURE	PART NUMBER
1	BLANK TUBE FITTING REDUCER	C36002-3
1	STORAGE BOX	

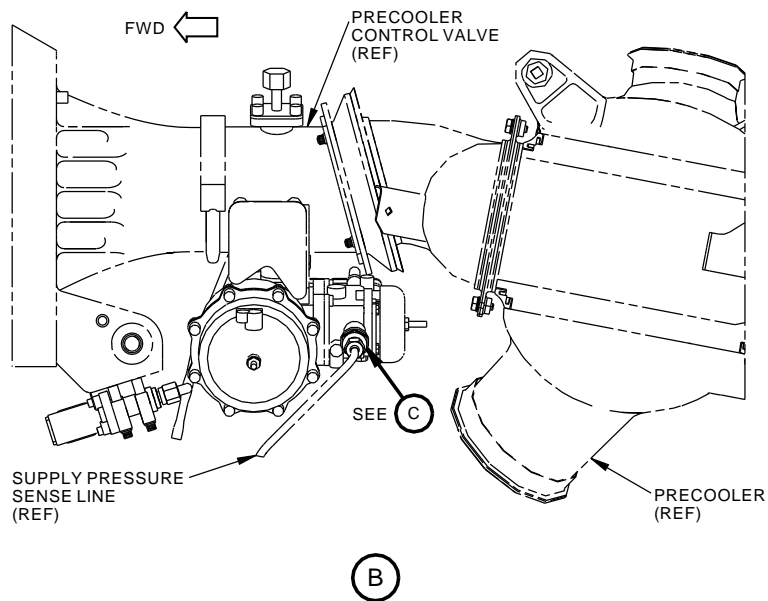
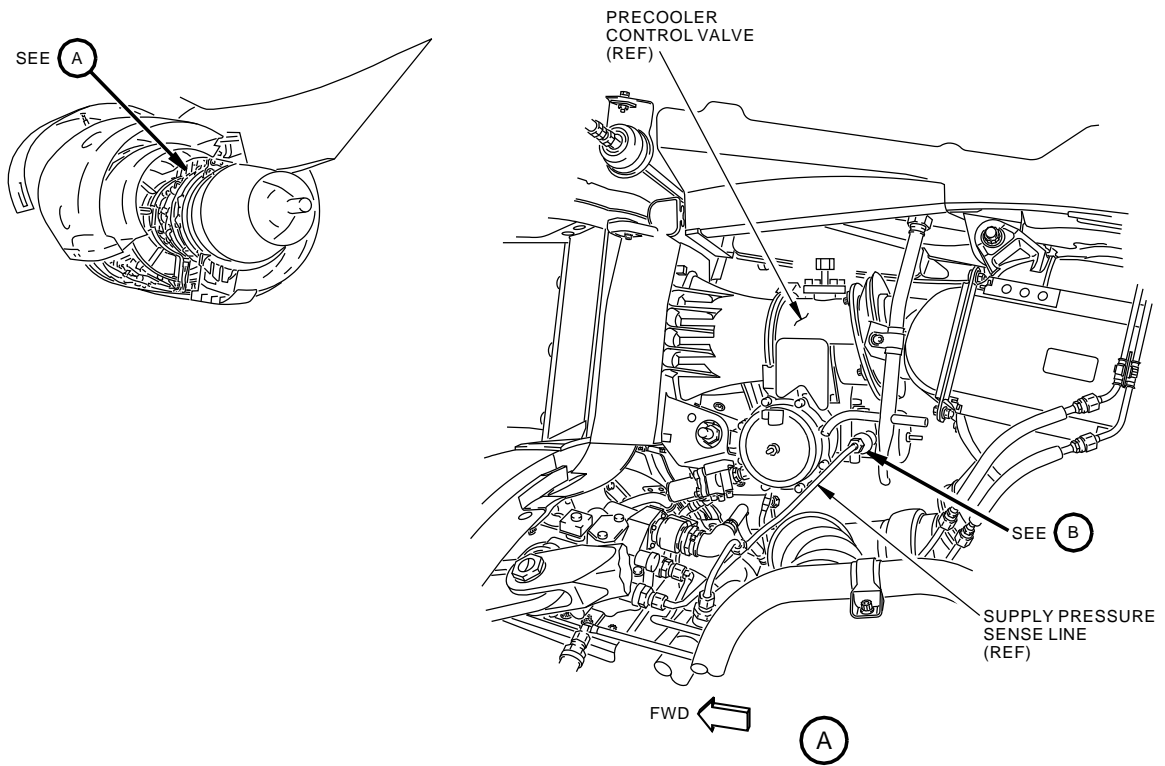
WEIGHT: 1.5 oz (0.04 kg)

DIMENSIONS: 1 x 1 x 1.5 inches (25 x 25 x 38 mm)

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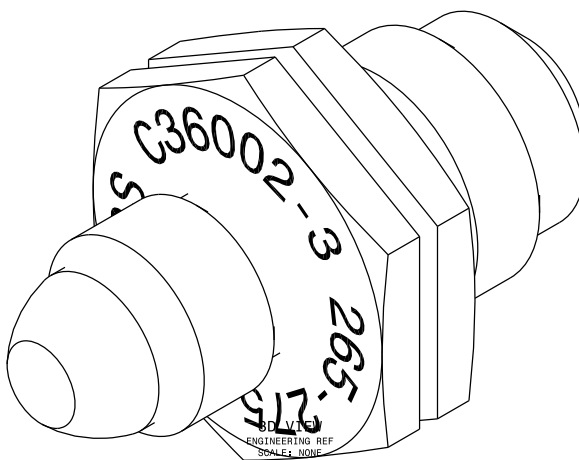
2308628 S0000524473_V1

Precooler Control Valve Dispatch Kit
Figure 1 (Sheet 1 of 2)

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C36002-3
BLANK TUBE FITTING REDUCER



2308693 S0000524474_V1

Precooler Control Valve Dispatch Kit
Figure 1 (Sheet 2 of 2)

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