

CHAPTER

29

**HYDRAULIC
POWER**



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

CHAPTER 29
HYDRAULIC POWER

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29-00-02	STANDARD TOOL - SLEEVESET FOR PRESETTING BACS13AP FLARELESS TUBE FITTINGS	ST878D
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29-10-06	TORQUE TOOL SET - AC MOTOR DRIVEN HYDRAULIC PUMP	C29007-1
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PART NUMBER: ST848

NAME: INSTALLATION TOOLS - O-RINGS

AIRPLANE MAINTENANCE: YES

AMM 20-10-17

COMPONENT MAINTENANCE: YES

CMM 20-50-06, CMM 71-03-01

USAGE & DESCRIPTION: The ST848 O-ring installation tools are used on 737-100 thru -900 airplanes.

ST848 tool is used to facilitate the installation of O-rings on hydraulic fittings. The ST848 tools consist of a thimble to slip over the threads of the hydraulic fitting, an expanding body to act as a guide for the slip ring, a slip ring to push the O-ring over the thimble and into place on the fitting, and an extracting rod to extract the thimble after the O-ring has been installed and the tool removed from the hydraulic fitting. The dash number after the basic part number (ST848) indicates the size of the flared tube fitting or hose fitting on which the O-ring is to be installed.

Refer to AMM 20-10-17, CMM 20-50-06, CMM 71-03-01 and the current ST848 tool drawing for complete usage instructions.

ST848 consists of:

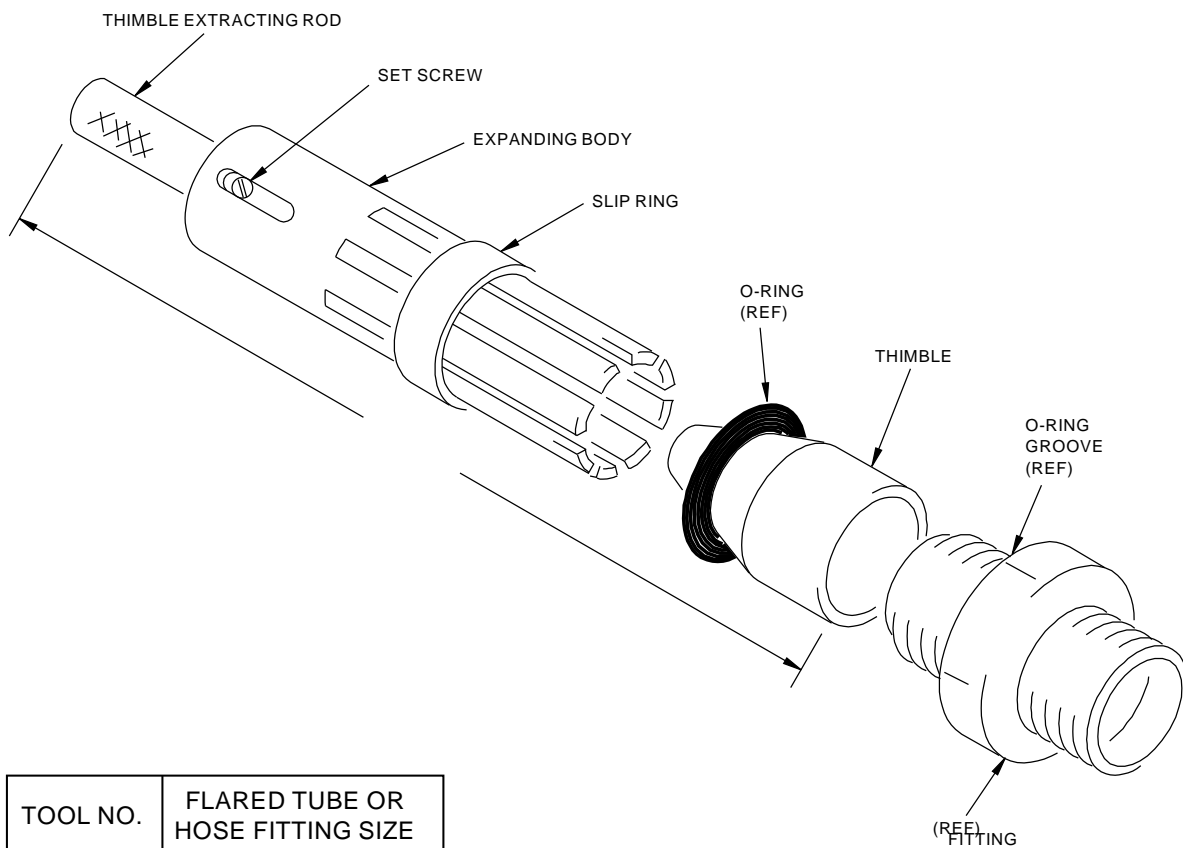
ST848		
QUANTITY	NOMENCLATURE	DETAIL NUMBER
1	BODY	2
1	EJECTOR	3
1	WRAPPER	4
1	SET SCREW	5
1	THIMBLE	6

WEIGHT: 5 lbs (each tool) (2.3 kg)

DIMENSIONS: 10 x 3 x 3 inches (each tool) (254 x 76 x 76 mm)

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TOOL NO.	FLARED TUBE OR HOSE FITTING SIZE
ST848-187	3/16
-250	1/4
-312	5/16
-375	3/8
-500	1/2
-625	5/8
-750	3/4
-1000	1
-1250	1-1/4
-1500	1-1/2
-1750	1-3/4

F90607 S0006831753_V2

**O-Ring Installation Tools
Figure 1**

29-00-01



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PART NUMBER: ST878D

NAME: STANDARD TOOL - SLEEVESET FOR PRESETTING BACS13AP
FLARELESS TUBE FITTINGS

AIRPLANE MAINTENANCE: YES

AMM 20-10-51

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: The ST878D standard tool is used on 737-100 thru -900 airplanes.

ST878D is used in conjunction with a customer-furnished lockbolt gun requires an air pressure regulator and pressure gage to provide specified pressure for each size tubing. ST878D is used to preset flareless coupling sleeves (BACS13AP or MS21922) on aluminum or steel tubing. The ST878D tool is intended for use when normal presetting tools cannot be used due to close quarters or limited access. Some circumstances may require the use of the ST879 Hand Presetting Die, or equivalent.

Refer to AMM 20-10-51 and the current ST878D drawing for complete usage instructions.

ST878D series standard tools consist of a housing assembly with provisions for attaching to a G85 lockbolt gun. The housing contains a removable set of components made up of a ram die, clamp die, and mandrel. A different ram die and clamp die are required for each diameter tubing. A different mandrel is required for each tubing diameter and wall thickness. Die and mandrel sizes range from 3/16-inch to 3/4-inch; wall thickness applicability ranges from 0.020 inch to 0.083 inch.

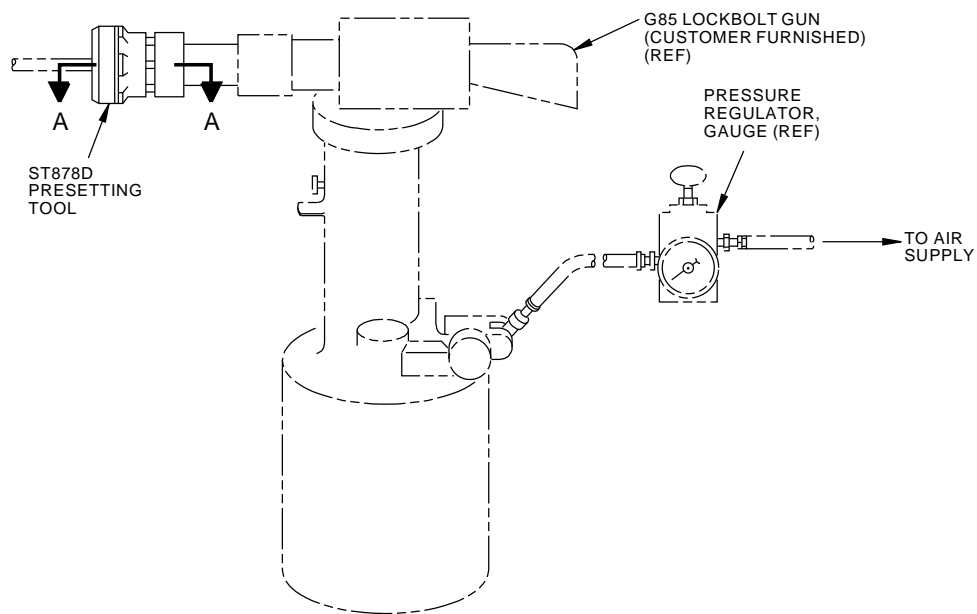
WEIGHT: 4 lbs (1.8 kg)

DIMENSIONS: 4 x 4 x 4 inches (102 x 102 x 102 mm)

29-00-02



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F90538 S0006831755_V3

Flareless Tube Fitting Sleeve Sleeveset Presetting Tool
Figure 1

29-00-02

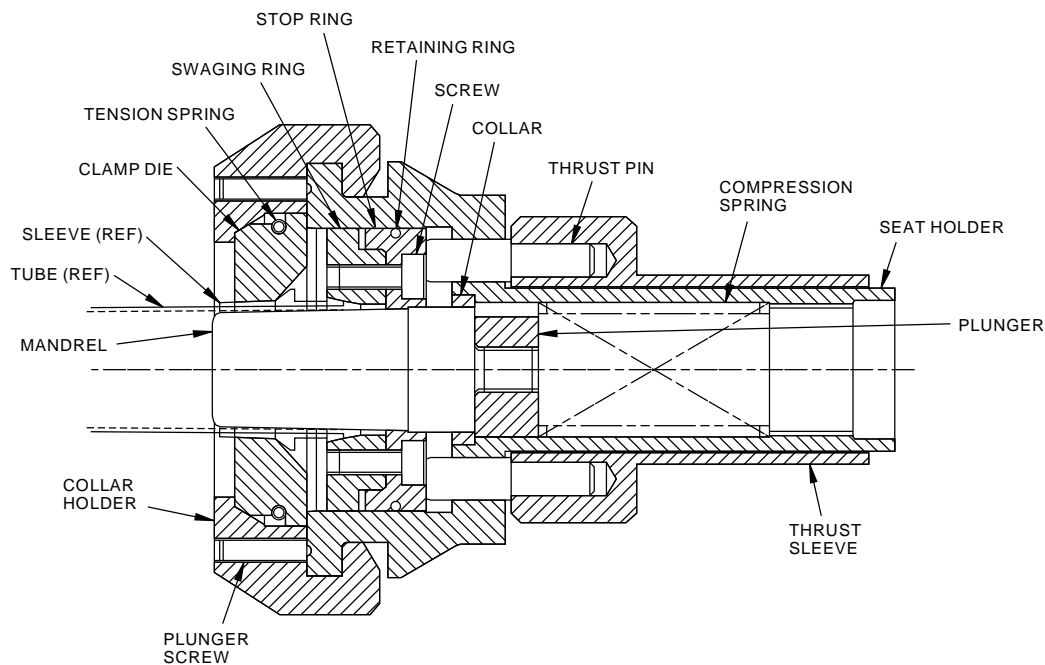
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ST878D
PRESETTING TOOL
A-A

G04589 S0006831756_V3

Component Identification - Sleeveset Presetting Tool
Figure 2

29-00-02

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PART NUMBER: C29002-17

NAME: TEST EQUIPMENT - RUDDER POWER CONTROL UNIT

AIRPLANE MAINTENANCE: YES

AMM 27-21-00, AMM 29-00-00

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: The C29002-17 test equipment is used on 737-600 thru -900 airplanes.

C29002 is used in conjunction with a customer-furnished inductive ammeter. C29002 permits operation of the yaw damper to check for excessive internal hydraulic leakage for the main and standby rudder power control units (PCU). The test is accomplished by placing the ammeter around a wire running forward from the R318 relay, installing C29002 on the rudder PCU or standby rudder PCU, pressurizing hydraulic systems A and B, moving the rudder or standby rudder and checking the current on the ammeter. If the difference in current values is not in a given range, the rudder PCU or standby rudder PCU should be replaced.

Refer to AMM 27-21-00, AMM 29-00-00 and the current C29002 drawing for complete usage instructions.

C29002-17 consists of:

C29002-17		
QUANTITY	NOMENCLATURE	PART NUMBER
1	TEST BOX	C29002-18
1	ADAPTER CABLE	C29002-19
1	ADAPTER CABLE	C29002-20

WEIGHT: 7 lbs (3 kg)

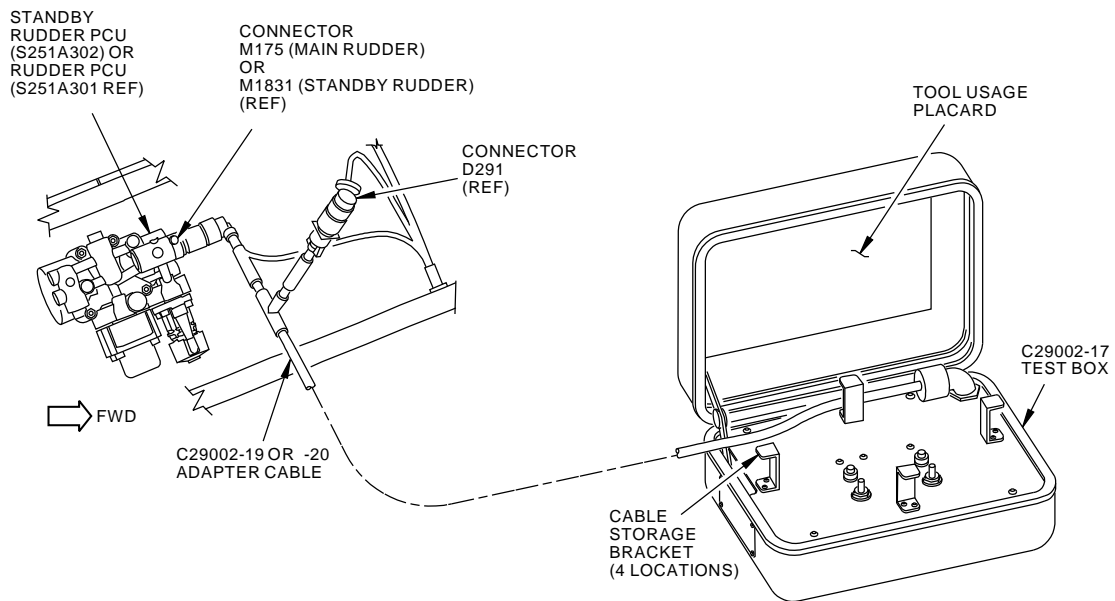
DIMENSIONS: 13 x 10 x 6 inches (331 x 254 x 153 mm)

NOTE: C29002-17 supersedes C29002-1.

29-00-03



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L07103 S0006831758_V3

Rudder Power Control Unit Test Equipment
Figure 1

29-00-03

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PART NUMBER: C29003-1

NAME: SEAL INSTALLATION EQUIPMENT - HYDRAULIC SWIVEL ASSEMBLY

AIRPLANE MAINTENANCE: NO

COMPONENT MAINTENANCE: YES

CMM 29-09-21

USAGE & DESCRIPTION: The C29003-1 seal installation equipment is used on 737-100 thru -900 airplanes.

C29003 is used to install the O-rings and backup rings onto the hydraulic swivel assembly, a component of the ground spoiler outboard actuator installation.

Refer to CMM 29-09-21 and the current C29003 drawing for complete usage instructions.

C29003-1 consists of:

C29003-1		
QUANTITY	NOMENCLATURE	PART NUMBER
1	PROTECTOR	C29003-2
1	SLEEVE	C29003-3
1	STORAGE BOX	

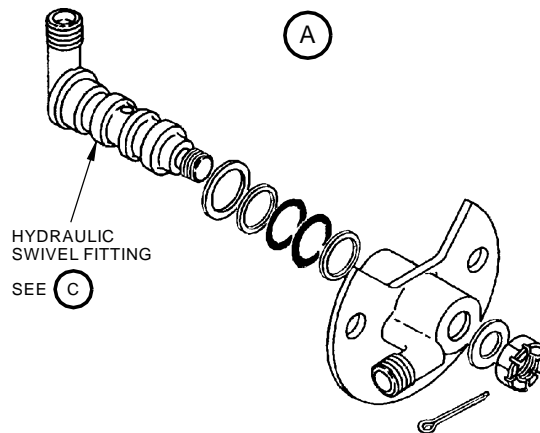
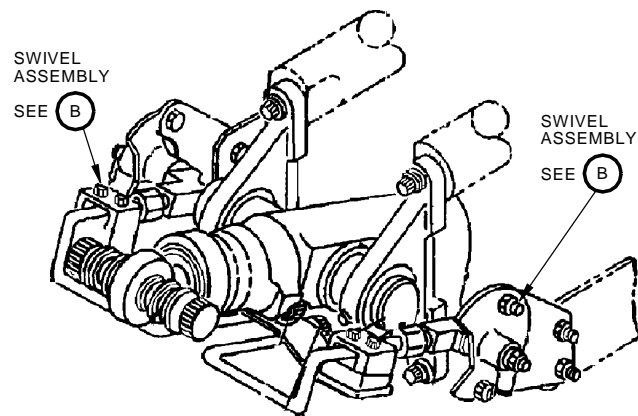
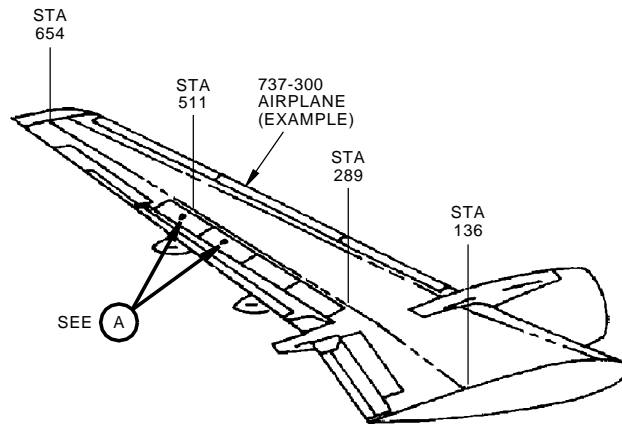
WEIGHT: 1 lb (0.45 kg)

DIMENSIONS: 0.5 x 0.5 x 2.2 inches (13 x 13 x 56 mm)

29-00-04



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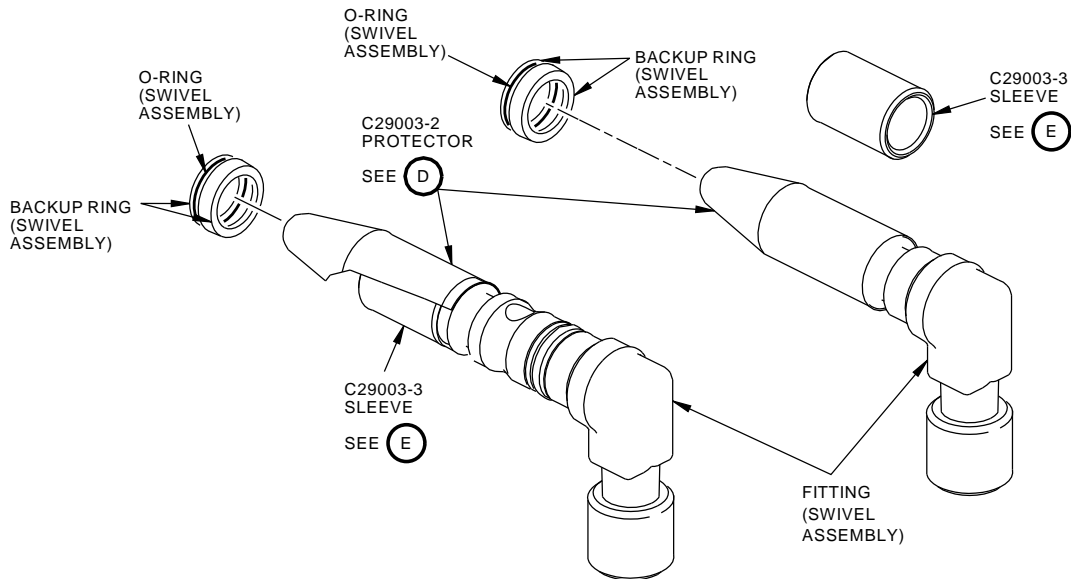
2118334 S0000454767_V1

Hydraulic Swivel Assembly Seal Installation Equipment
Figure 1 (Sheet 1 of 2)

29-00-04

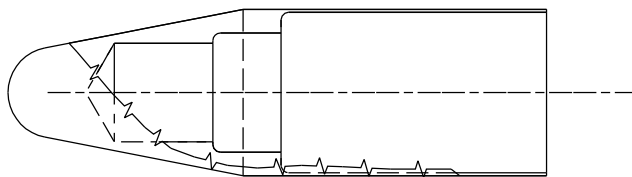


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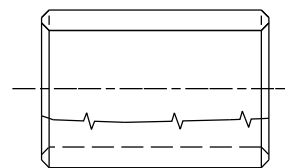
HYDRAULIC SWIVEL FITTING

(C)



C29003-2
PROTECTOR

(D)



C29003-3
SLEEVE

(E)

480594 S0006831760_V3

Hydraulic Swivel Assembly Seal Installation Equipment
Figure 1 (Sheet 2 of 2)

29-00-04



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PART NUMBER: C29001-1

NAME: CAP - SEALING, PRESSURE TRANSMITTER MOUNT

AIRPLANE MAINTENANCE: NO

COMPONENT MAINTENANCE: YES

CMM 29-11-16, CMM 29-11-18, CMM 29-11-19, CMM 29-12-11

USAGE & DESCRIPTION: The C29001-1 cap is used during component maintenance on 737-100 thru -900 airplanes.

C29001 is used to seal the hydraulic reservoir quantity transmitter opening during cleaning (reservoir flushed).

Refer to CMM 29-11-16, CMM 29-11-18, CMM 29-11-19, CMM 29-12-11 and the current C29001 drawing for complete usage instructions.

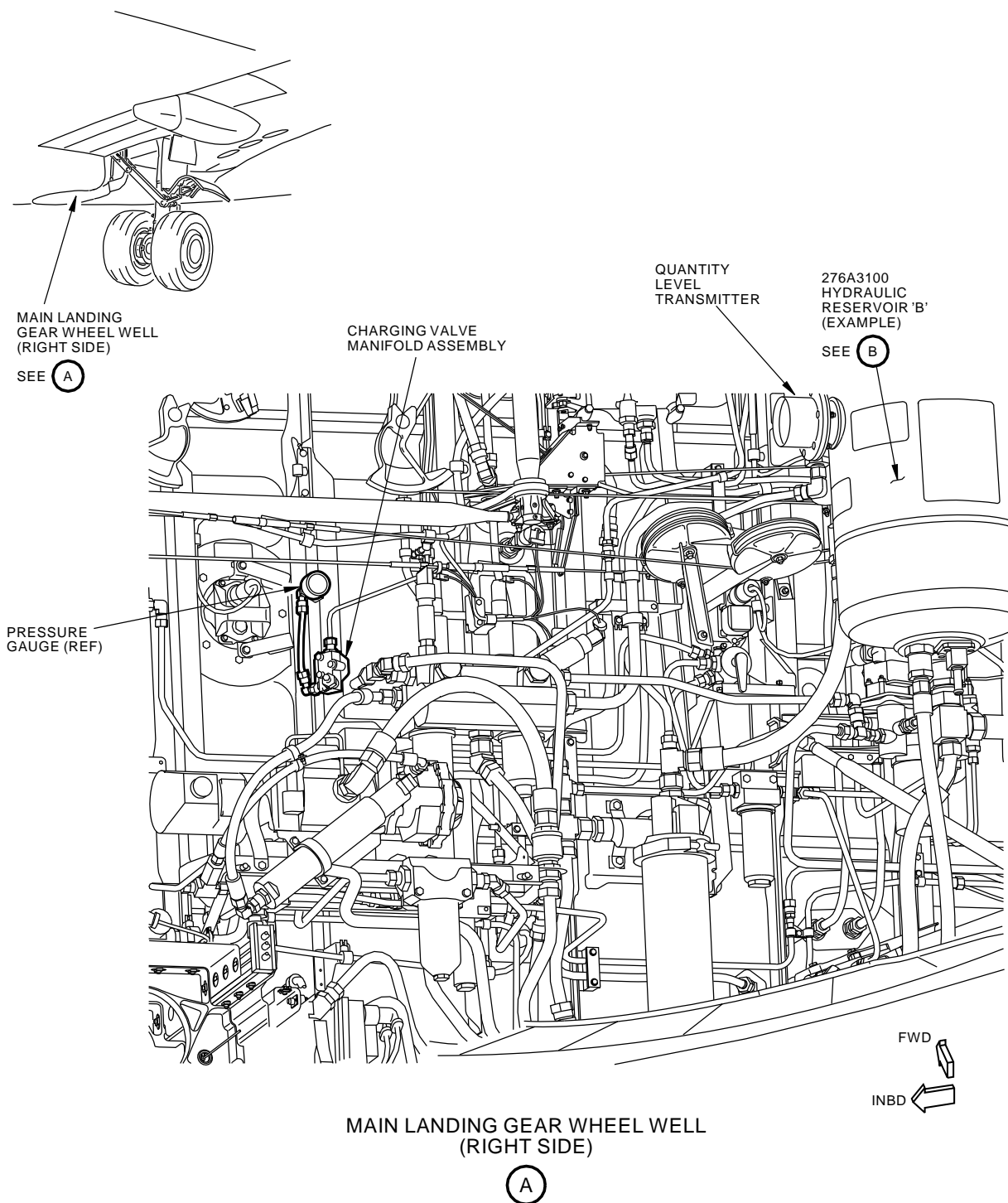
C29001-1 consists of:

C29001-1		
QUANTITY	NOMENCLATURE	PART NUMBER
1	SEALING CAP ASSEMBLY	C29001-2
1	STORAGE BOX	

WEIGHT: 0.5 lbs (0.23 kg)

DIMENSIONS: 0.5 (thick) x 5 (diameter) inches (13 (thick) x 127 (diameter) mm)

29-00-05



1571099 S0000293100_V1

Pressure Transmitter Mount Sealing Cap

Figure 1 (Sheet 1 of 3)

29-00-05

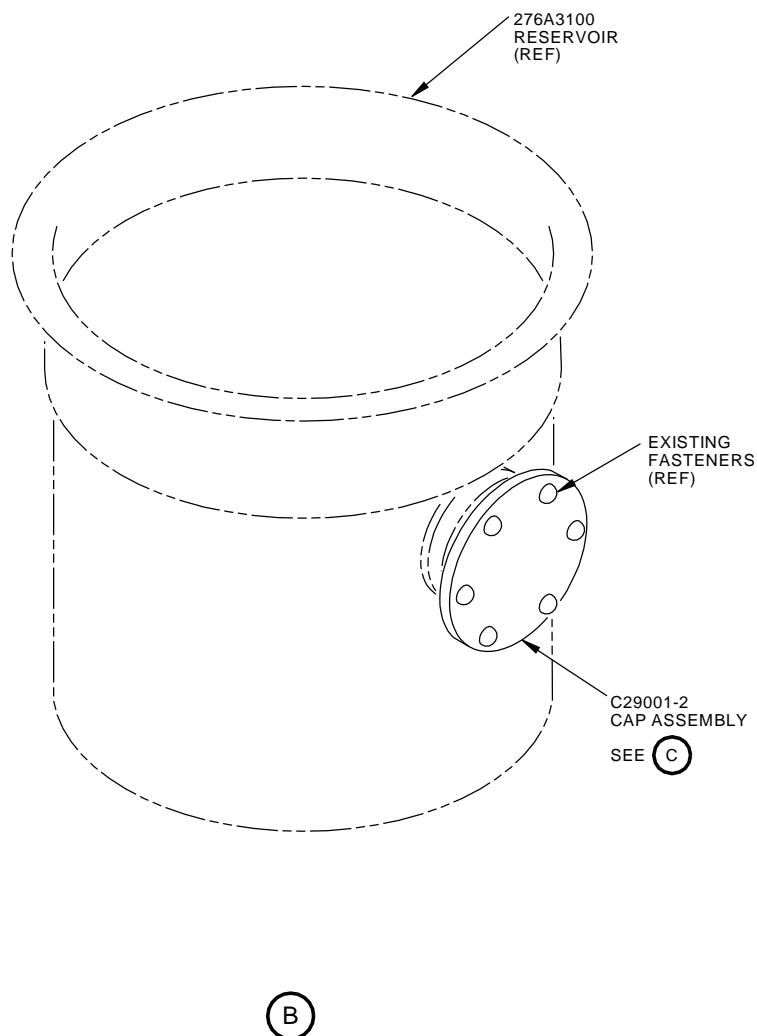
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1571104 S0000293101_V2

Pressure Transmitter Mount Sealing Cap
Figure 1 (Sheet 2 of 3)

29-00-05

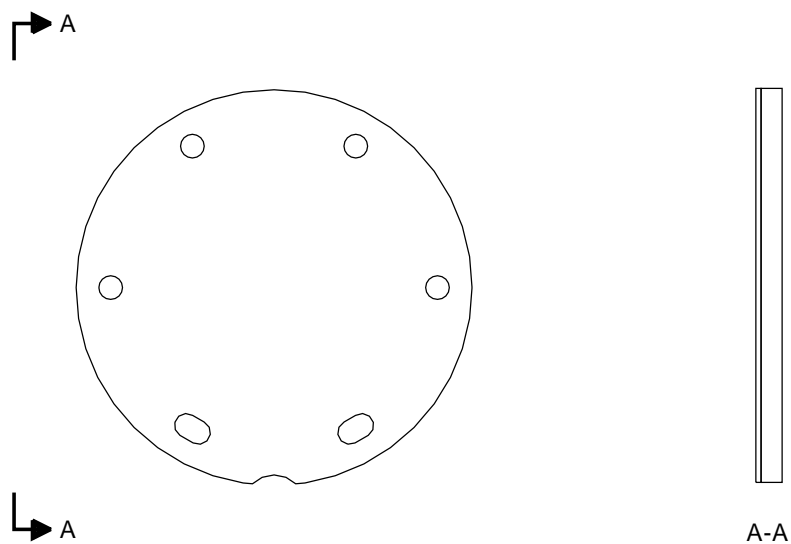
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C29001-2
SEALING CAP ASSEMBLY

(C)

2037986 S0000408610_V1

Pressure Transmitter Mount Sealing Cap
Figure 1 (Sheet 3 of 3)

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PART NUMBER: C29006-1

NAME: ADAPTER - GROUND SERVICE CONNECTION, HYDRAULIC POWER

AIRPLANE MAINTENANCE: YES

AMM 29-11-00

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: The C29006-1 ground service connection hydraulic power adapter is used on 737-300 thru -900 airplanes equipped with the nitrogen generation system (NGS).

C29006 is a right angle connector for connecting the portable hydraulic cart to the 737 airplane's hydraulic service ground disconnects.

Refer to AMM 29-11-00 and the current C29006 tool drawing for complete usage instructions.

C29006-1 consists of:

C29006-1		
QUANTITY	NOMENCLATURE	PART NUMBER
1	RETURN SIDE CONNECTOR ASSEMBLY	C29006-3
1	PRESSURE SIDE CONNECTOR ASSEMBLY	C29006-4
1	STORAGE BOX	

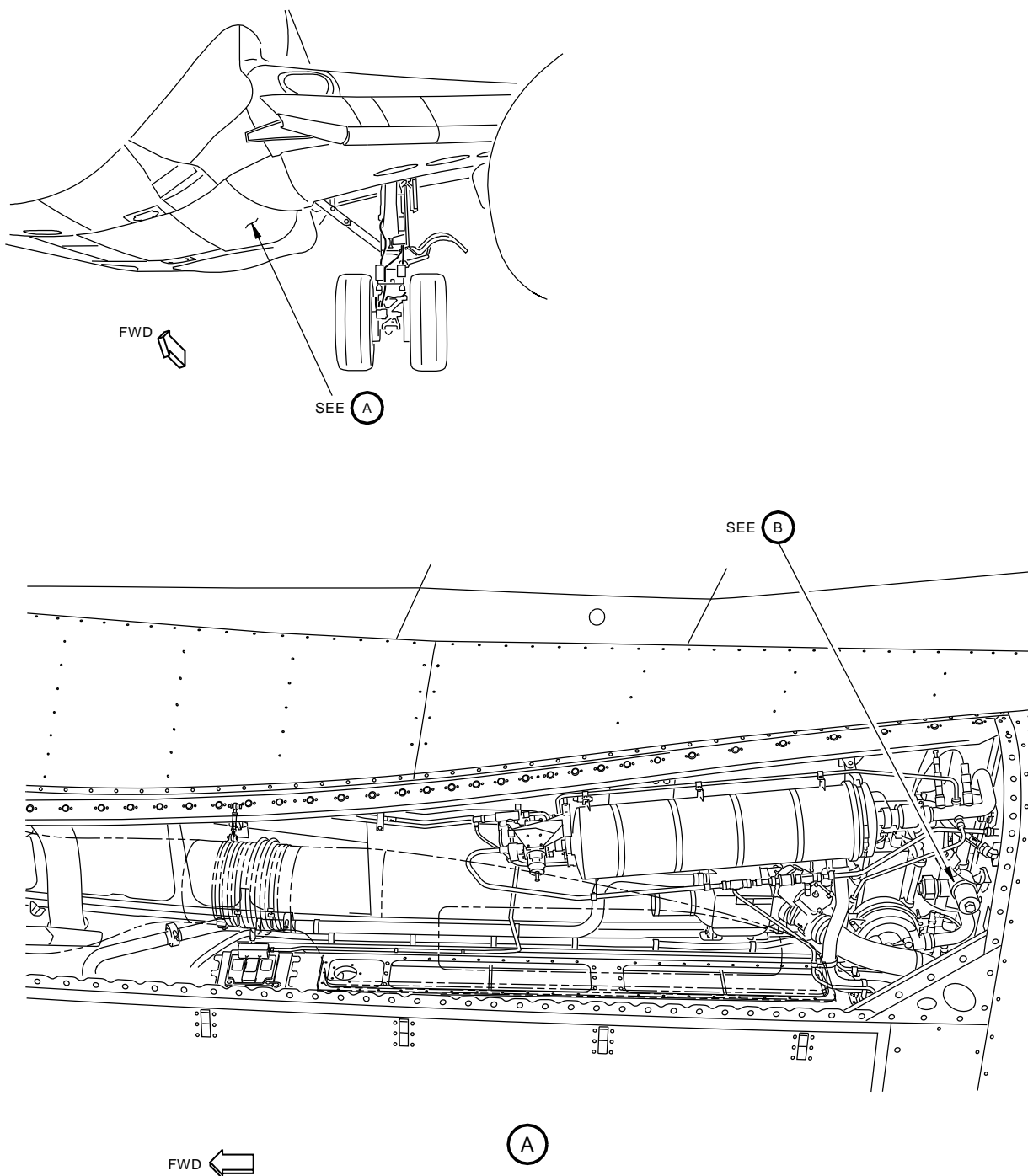
WEIGHT: 20 lbs (9 kg)

DIMENSIONS: 14 x 12 x 4 inches (356 x 305 x 102 mm)

29-00-06



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2037991 S0000408653_V1

Hydraulic Power Ground Service Connection Adapter and Location
Figure 1 (Sheet 1 of 3)

29-00-06

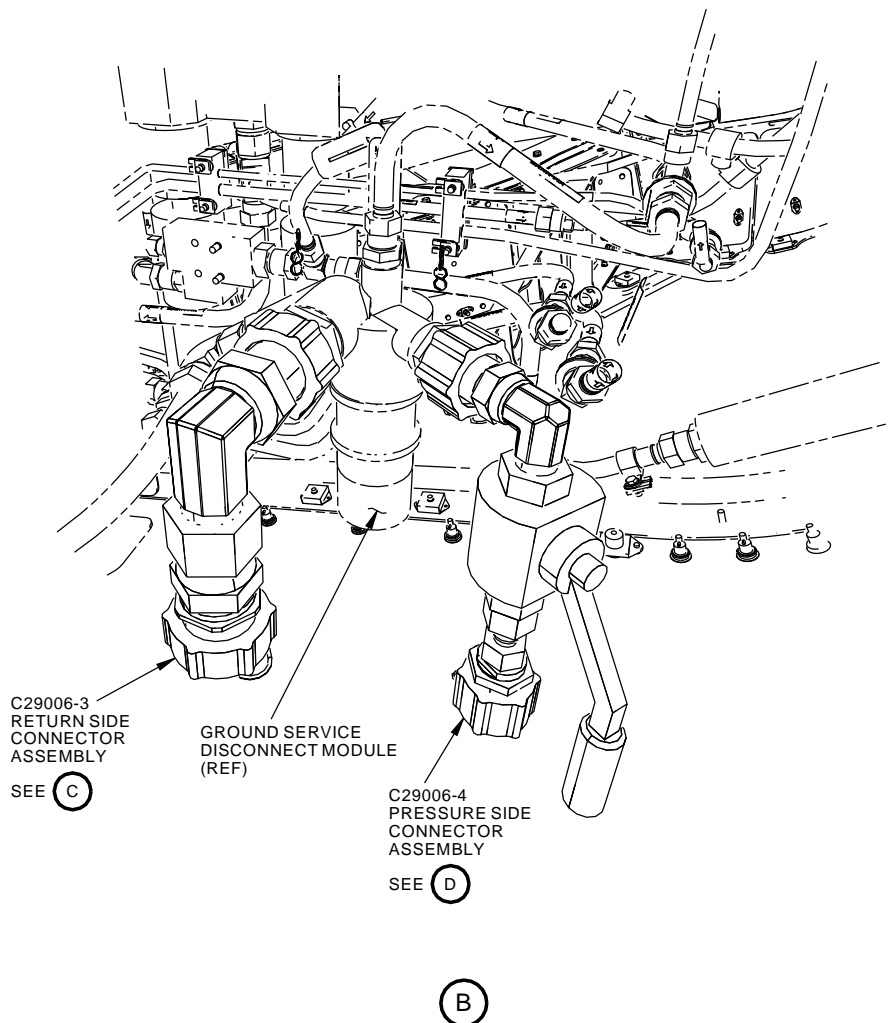
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2037993 S0000408654_V1

Hydraulic Power Ground Service Connection Adapter and Location
Figure 1 (Sheet 2 of 3)

29-00-06

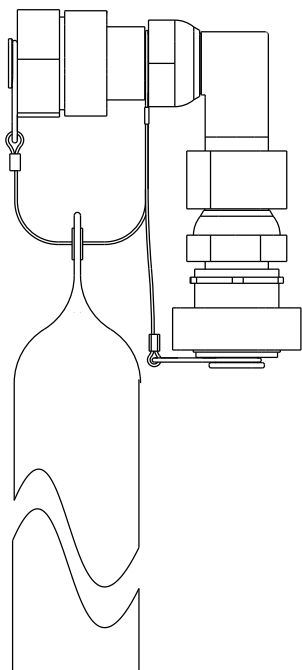
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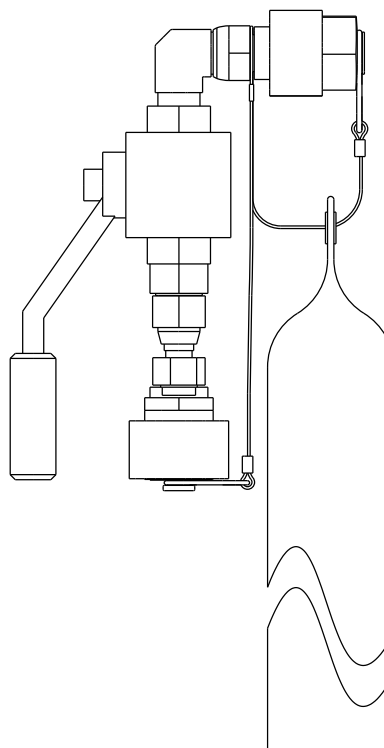


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C29006-3
RETURN SIDE CONNECTOR ASSEMBLY

(C)



C29006-4
PRESSURE SIDE CONNECTOR ASSEMBLY

(D)

2037996 S0000408655_V1

Hydraulic Power Ground Service Connection Adapter and Location
Figure 1 (Sheet 3 of 3)

29-00-06



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PART NUMBER: C29008-1

NAME: SEAL COMPRESSION EQUIPMENT - HYDRAULIC SWIVEL ASSEMBLY

AIRPLANE MAINTENANCE: NO

COMPONENT MAINTENANCE: YES

CMM 29-09-21

USAGE & DESCRIPTION: The C29008-1 seal compression equipment is used during component maintenance on all 737 airplanes.

C29008 is used to compress the O-rings and backup rings onto the hydraulic swivel fitting during assembly of the hydraulic swivel assembly. C29008 includes a drill bushing as a go/no-go check for the fit of the rings.

Refer to CMM 29-09-21 and the current C29008 drawing for complete usage instructions.

C29008-1 consists of:

C29008-1		
QUANTITY	NOMENCLATURE	PART NUMBER
1	LOWER ASSEMBLY	C29008-2
1	UPPER ASSEMBLY	C29008-3
3	ROLLER 1 (65-44723-1)	C29008-5
3	ROLLER 2 (65-44723-3)	C29008-6
3	ROLLER 3 (65-44723-3 OPTION)	C29008-7
3	ROLLER 4 (65-44726-1)	C29008-8
3	AXLE PIN	C29008-9
1	STORAGE BOX	

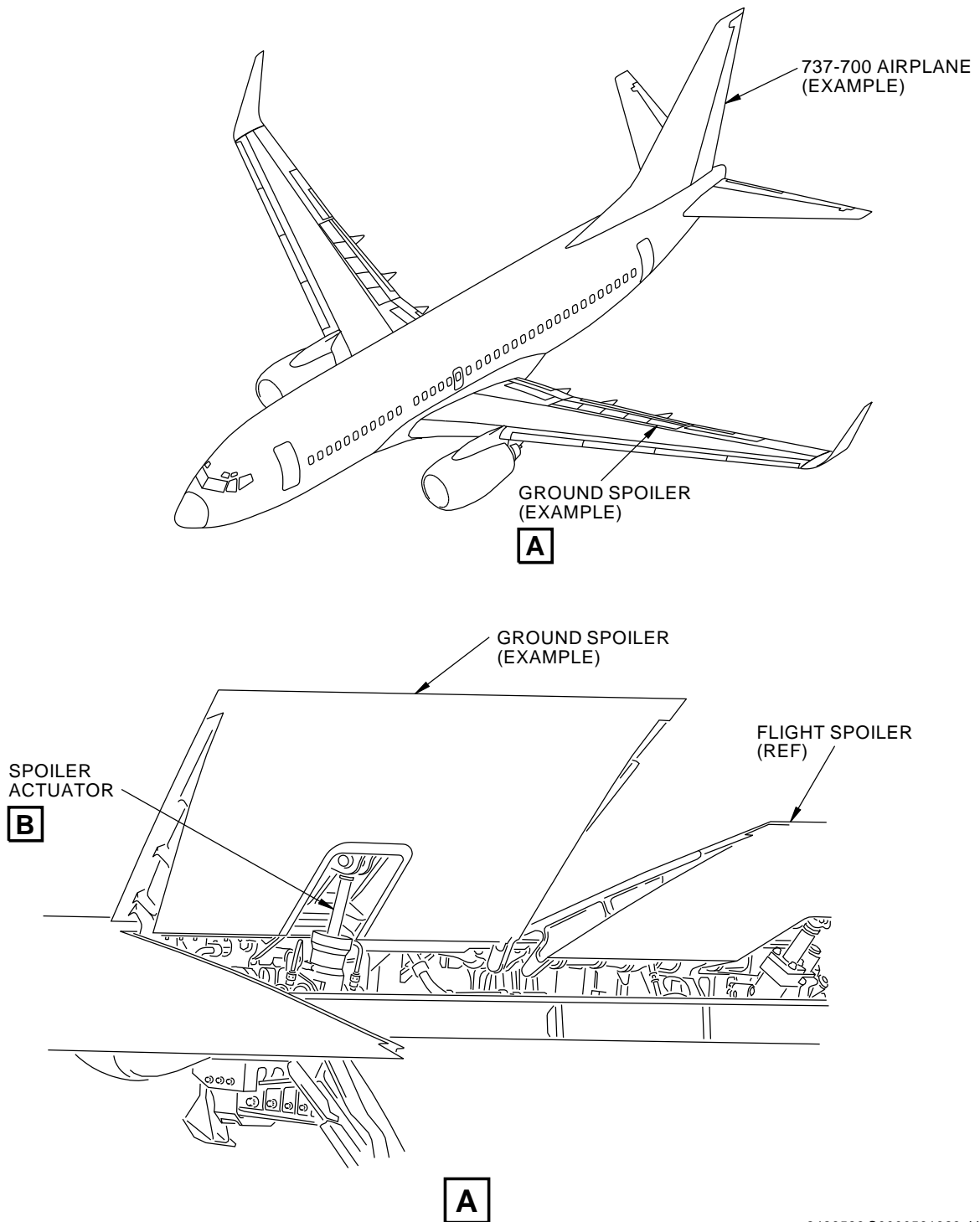
WEIGHT: 5 lbs (2.3 kg)

DIMENSIONS: 4 x 6 x 10 inches (102 x 152 x 254 mm)

29-00-07



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2426589 S0000561329_V1

Hydraulic Swivel Assembly Seal Compression Equipment
Figure 1 (Sheet 1 of 5)

29-00-07

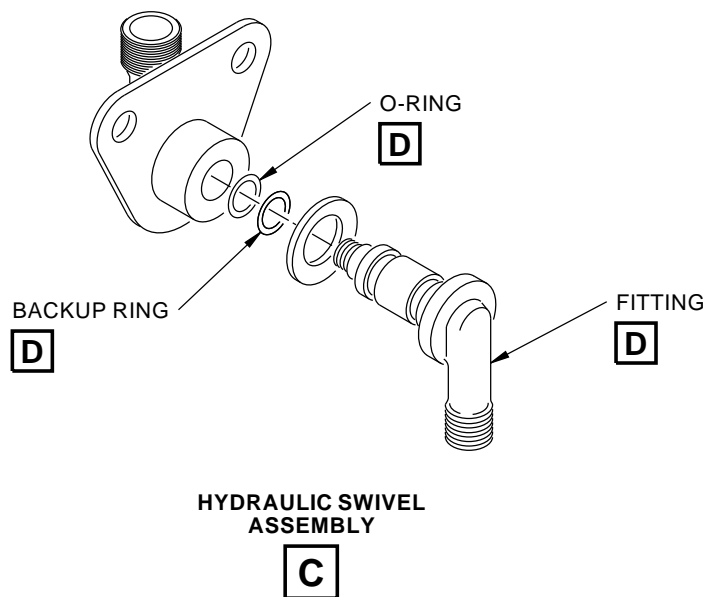
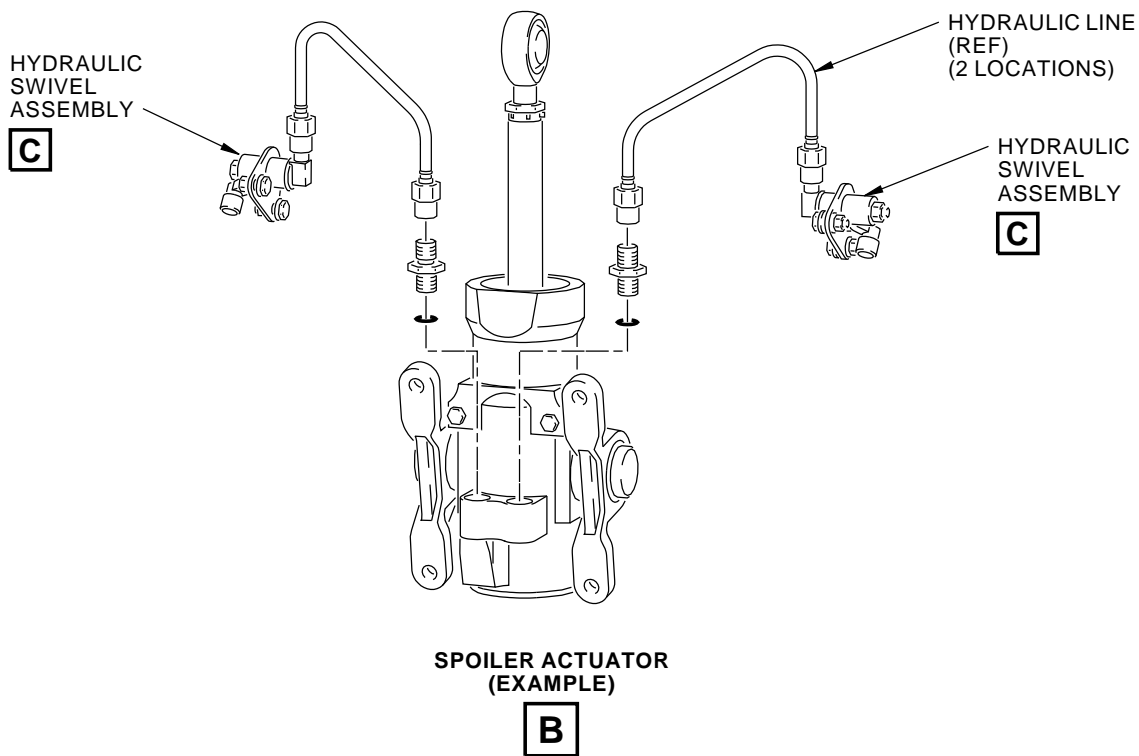
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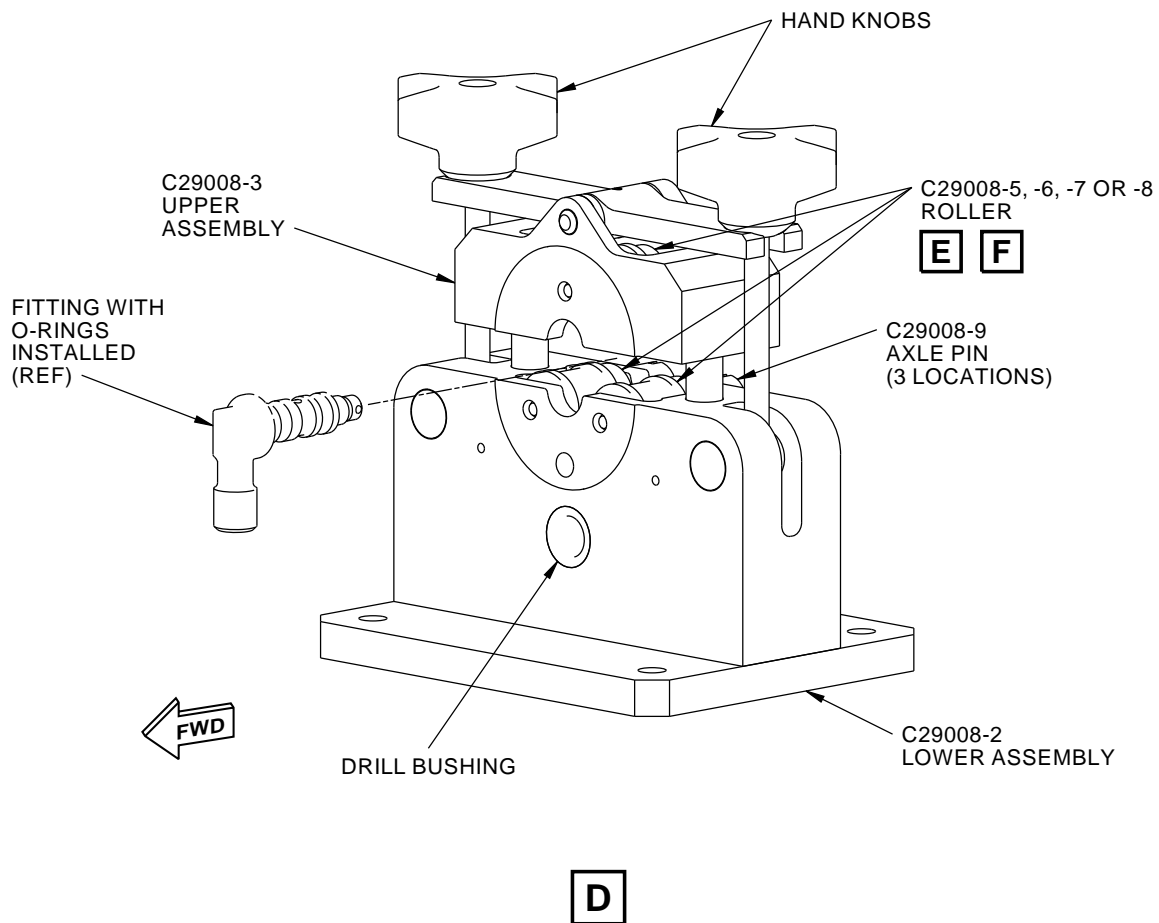
2426593 S0000561330_V1

Hydraulic Swivel Assembly Seal Compression Equipment
Figure 1 (Sheet 2 of 5)

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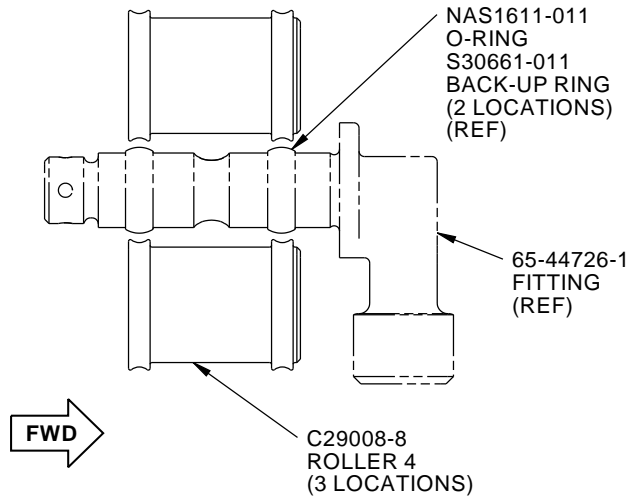
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Hydraulic Swivel Assembly Seal Compression Equipment
Figure 1 (Sheet 3 of 5)

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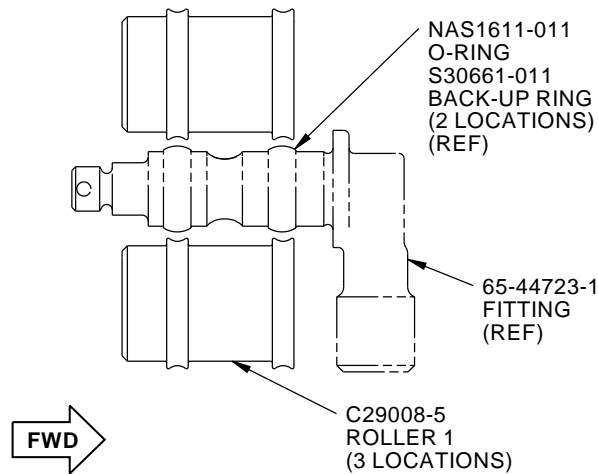


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69-54784-1
SWIVEL ASSEMBLY

E



69-69882 -1, -2, -3, -4, -5, -6
SWIVEL ASSEMBLY

E

2426599 S0000561332_V1

Hydraulic Swivel Assembly Seal Compression Equipment
Figure 1 (Sheet 4 of 5)

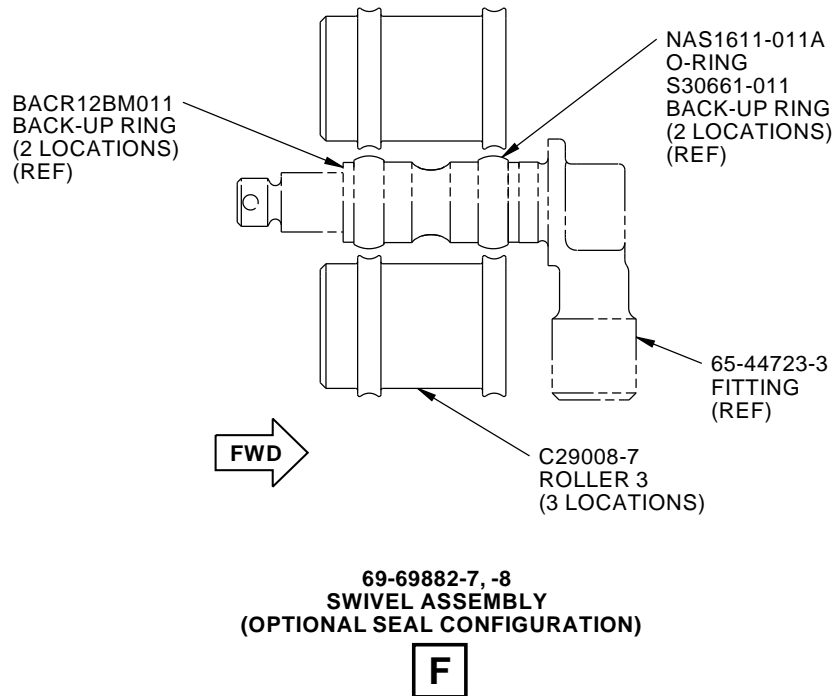
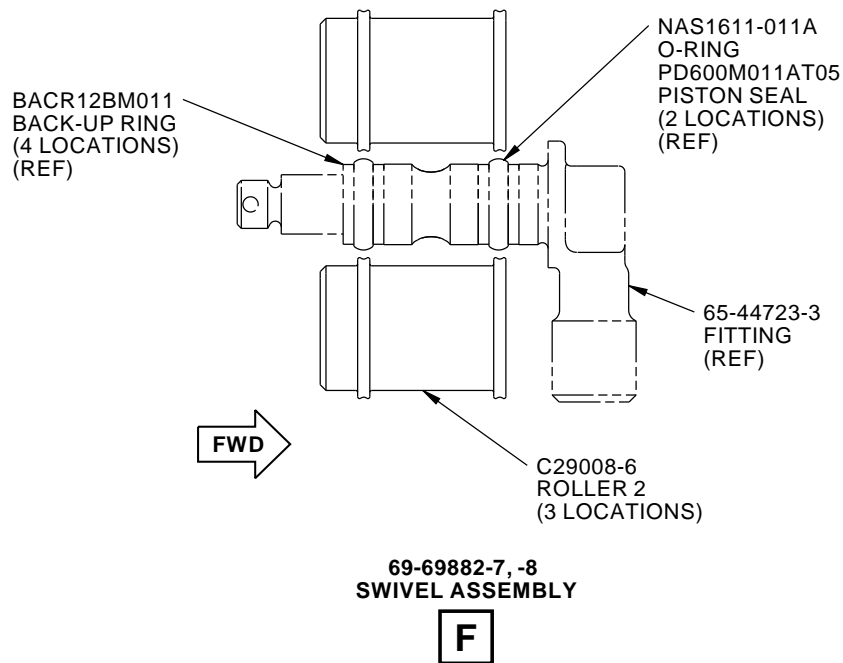
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2426600 S0000561333_V1

Hydraulic Swivel Assembly Seal Compression Equipment
Figure 1 (Sheet 5 of 5)

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PART NUMBER: F80135-1, -10, -13

NAME: CABLE ASSEMBLY - HYDRAULIC LEAKAGE CHECK

AIRPLANE MAINTENANCE: YES

AMM 29-00-00

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: The F80135-1, -10 or -13 (preferred) cable assemblies are used on 737-100 thru -900 airplanes.

F80135 is used to determine internal pump leakage. F80135 is connected in series between the airplane wiring and the electrically driven hydraulic motor pump. F80135 has jumper leads to connect to a 0-50 amp AC ammeter. F80135 is used to measure pump current which can then be related to internal hydraulic system leakage. The F80135-1 cable is used on the "B" system electrically driven hydraulic pump. The F80135-10 cable is used on the standby system electrically driven hydraulic pump.

Refer to AMM 29-00-00 and the current F80135 drawing for complete usage instructions.

F80135-13 consists of:

F80135-13		
QUANTITY	NOMENCLATURE	PART NUMBER
1	CABLE ASSEMBLY	F80135-1
1	CABLE ASSEMBLY	F80135-10
1	STORAGE BOX	

WEIGHT: 2 lbs (0.9 kg)

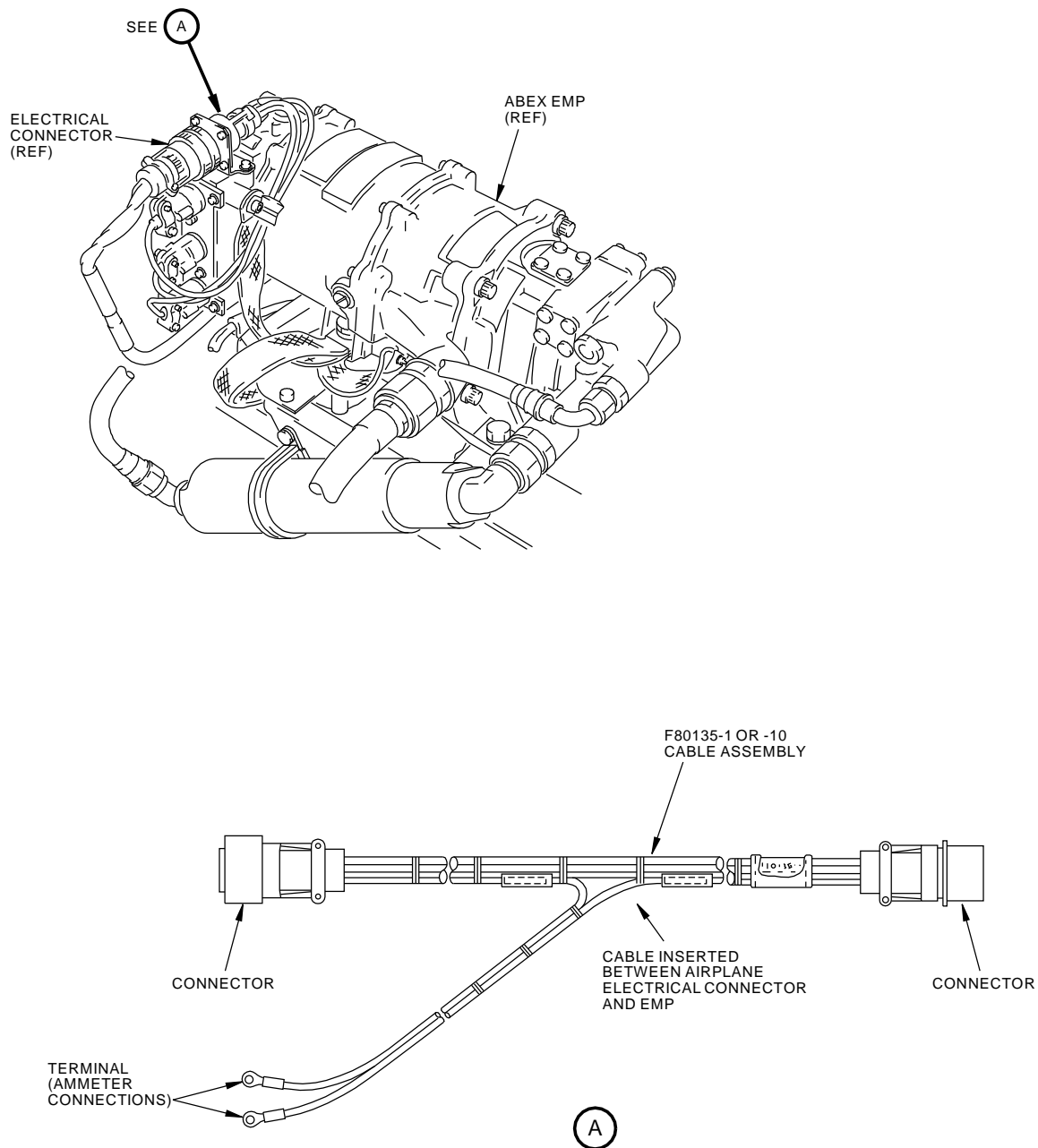
DIMENSIONS: 30 x 3 x 3 inches (762 x 76 x 76 mm)

NOTE: F80135-13 replaces both F80135-1 and -10 for future procurement.

29-10-01



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F90602 S0006831763_V3

Hydraulic Leak Check Cable Assembly
Figure 1

29-10-01

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PART NUMBER: B29002-5

NAME: LOCK SET - HYDRAULIC RESERVOIR VENT VALVE

AIRPLANE MAINTENANCE: YES

AMM 29-00-00, AMM 29-11-01, AMM 29-21-31, AMM 29-33-21

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: The B29002-5 lock set is used on 737-300 thru -500 airplanes.

The B29002-5 lock set is used on 737-600 thru -900 airplanes that have not incorporated Service Bulletin SB 737-29-1106 (737NG line numbers 1 thru 1344).

B29002 is used to hold the reservoir vent valve in the open position in order to stop inadvertent pressurization of the reservoir or to depressurize the reservoir.

Refer to AMM 29-00-00, AMM 29-11-01, AMM 29-21-31, AMM 29-33-21 and the current B29002 drawing for complete usage instructions.

B29002-5 consists of:

B29002-5		
QUANTITY	NOMENCLATURE	PART NUMBER
2	LOCK ASSEMBLY	B29002-2
1	STORAGE BOX	

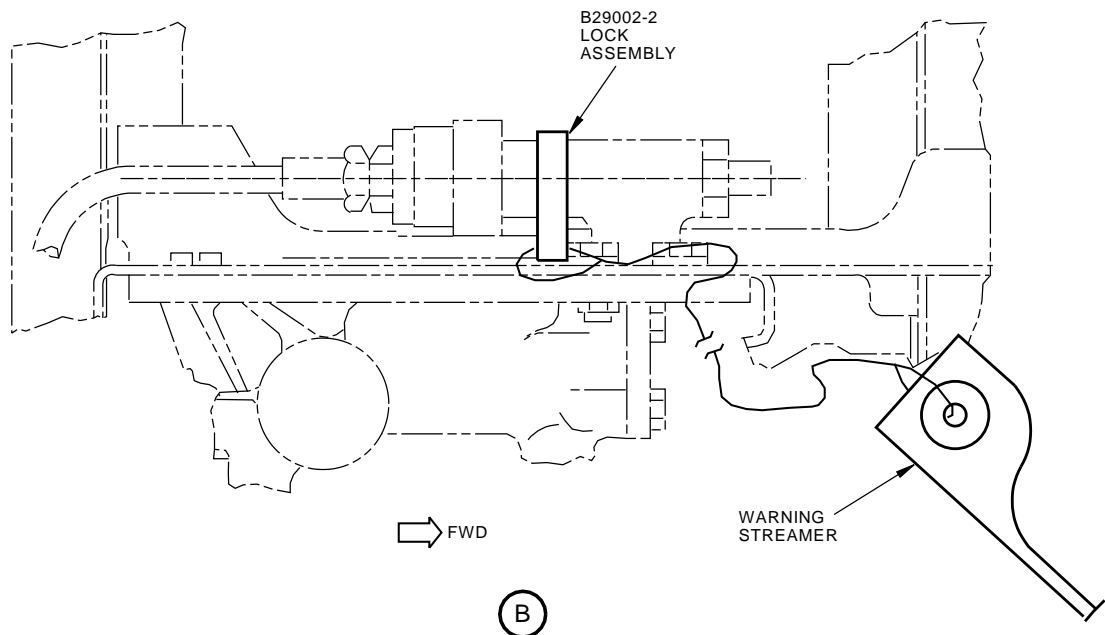
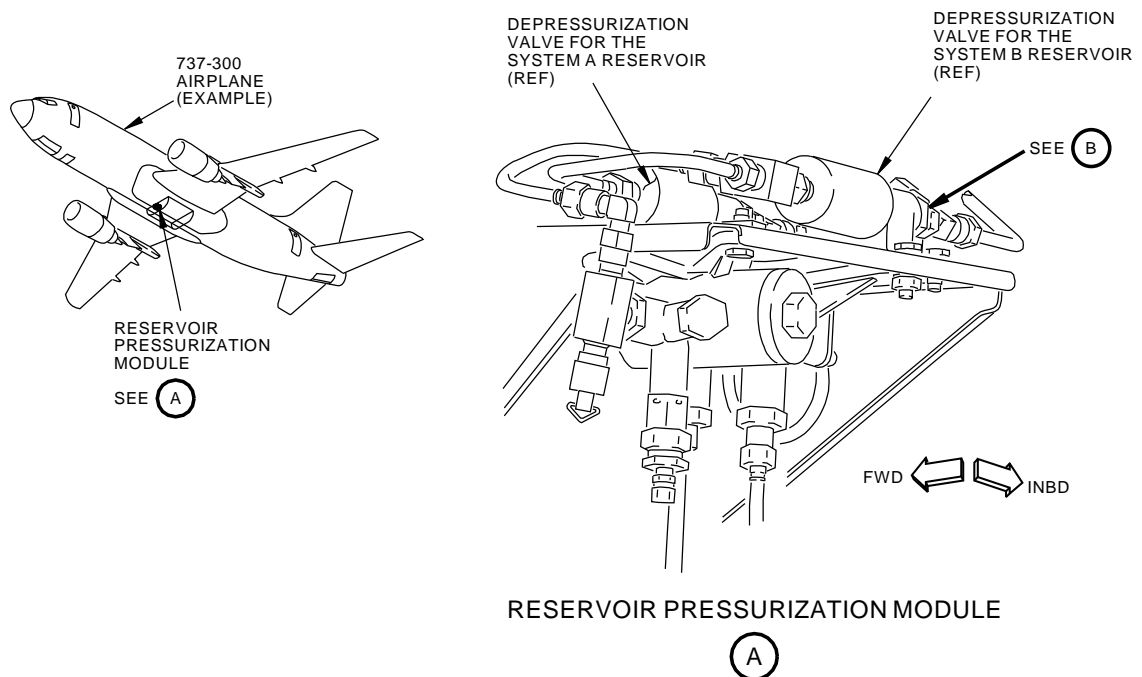
WEIGHT: 1 lb (0.45 kg)

DIMENSIONS: 10 x 8 x 3 inches (254 x 203 x 76 mm)

29-10-02



737-600/700/800/900
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G77447 S0006831765_V3

Hydraulic Reservoir Vent Valve Lockset
Figure 1

29-10-02

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737-600/700/800/900
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PART NUMBER: F72917-19

NAME: TEST CONSOLE - GROUND FAULT PROTECTION SYSTEM,
HYDRAULIC ELECTRIC MOTOR DRIVEN PUMP

AIRPLANE MAINTENANCE: YES

AMM 29-11-21

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: The F72917-19 test console is used on 737-100 thru -500 airplanes from line numbers 419 and on.

F72917-19 is also used on 737 airplanes prior to line number 419 that have incorporated Service Bulletin 737-29-1029.

F72917-19 may also be used on 737-600 thru -900, 737-7, 737-8, 737-8200 and 737-9 airplanes in place of the G29015 ground fault circuit interrupter (GFCI) tester equipment.

The F72917-19 test console is used only on applicable 737-100 and -200 airplanes for only the "B" system electric motor driven pump (EMDP).

The F72917-19 test console is used on both "A" and "B" electric motor driven pumps (EMDP) on all other 737 airplanes.

F72917 is used to test the system "A" and "B" EMDP ground fault protection system. F72917 is connected to the aircraft electrical system in place of the EMDP and is then used to test the aircraft ground fault protection system.

Refer to AMM 29-11-21 and the current F72917 drawing for complete usage instructions.

F72917-19 consists of:

F72917-19		
QUANTITY	NOMENCLATURE	PART NUMBER
1	CONSOLE ASSEMBLY	F72917-20
1	STORAGE BOX	

WEIGHT: 10 lbs (4.5 kg)

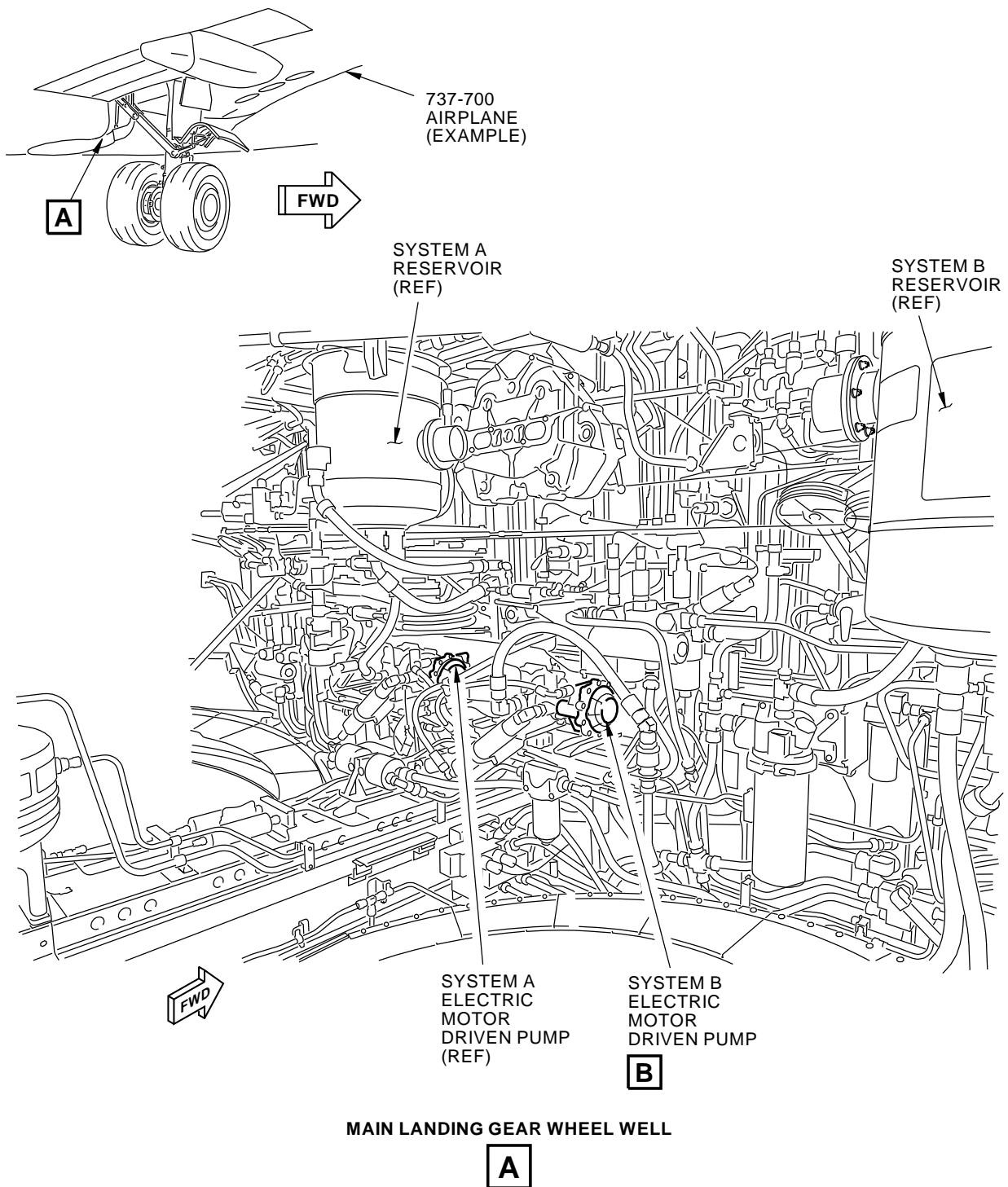
DIMENSIONS: 10 x 10 x 5 inches (254 x 254 x 127 mm)

NOTE: G29015 replaces F72917 for future procurement.
F72917-19 supersedes the F72917-1.

29-10-03



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ILLUSTRATED TOOL AND EQUIPMENT MANUAL



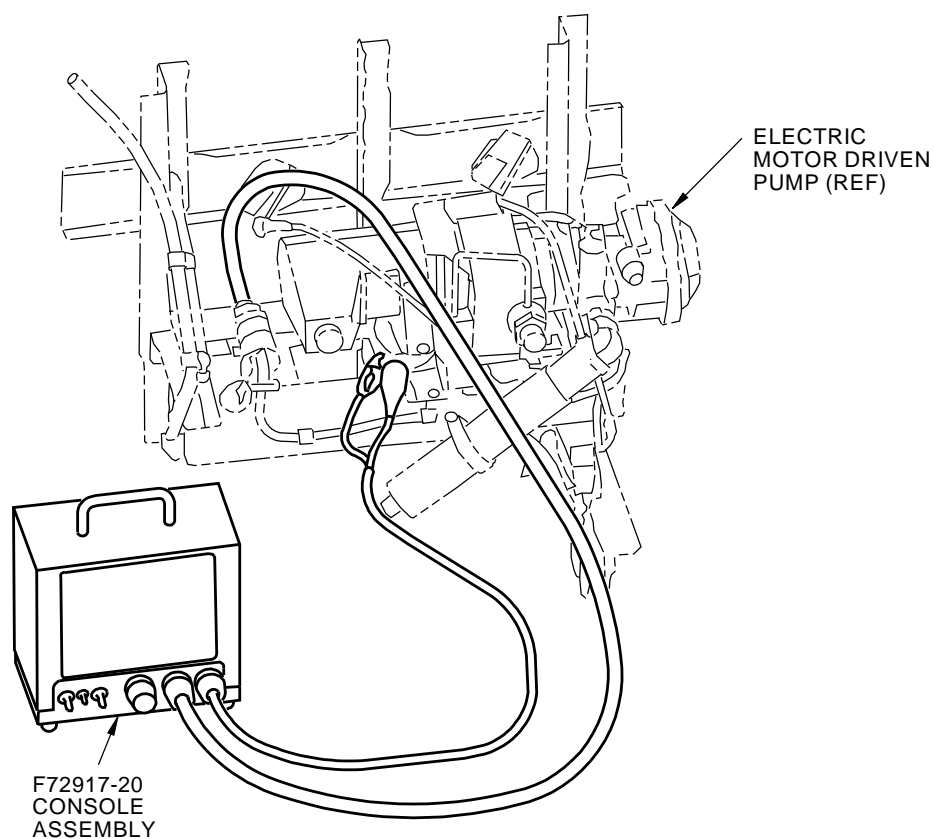
2118295 S0000454782_V2

Hydraulic Electric Motor Driven Pump, Ground Fault Protection System, Test Console
Figure 1 (Sheet 1 of 2)

29-10-03



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



B

G83443 S0006831767_V5

Hydraulic Electric Motor Driven Pump, Ground Fault Protection System, Test Console
Figure 1 (Sheet 2 of 2)

29-10-03

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

PART NUMBER: F72918-1, -2

NAME: DUMMY TEST RELIEF VALVE - MODULAR SYSTEM

AIRPLANE MAINTENANCE: NO

COMPONENT MAINTENANCE: YES

CMM 29-13-03, CMM 29-23-21

USAGE & DESCRIPTION: F72918-1 and F72918-2 dummy test relief valves are used during component maintenance on all 737 airplanes.

Both F72918-1 and -2 are solid aluminum plugs, which replace the pressure relief valves on hydraulic modules during 4500 psi hydraulic proof pressure testing. Both F72918-1 and -2 are used in conjunction with a 0 to 4500 psi hydraulic test stand.

Refer to CMM 29-13-03, system A and B hydraulic modular package assembly for part numbers 276A2003, 65-17821, 65-44580, and 65C26873 for use with the F72918-1 dummy test relief valve.

Refer to CMM 29-23-21, standby system hydraulic modular package assembly for part numbers 276A2001, 65-44680, and 65-44681 for use with the F72918-2 dummy test relief valve.

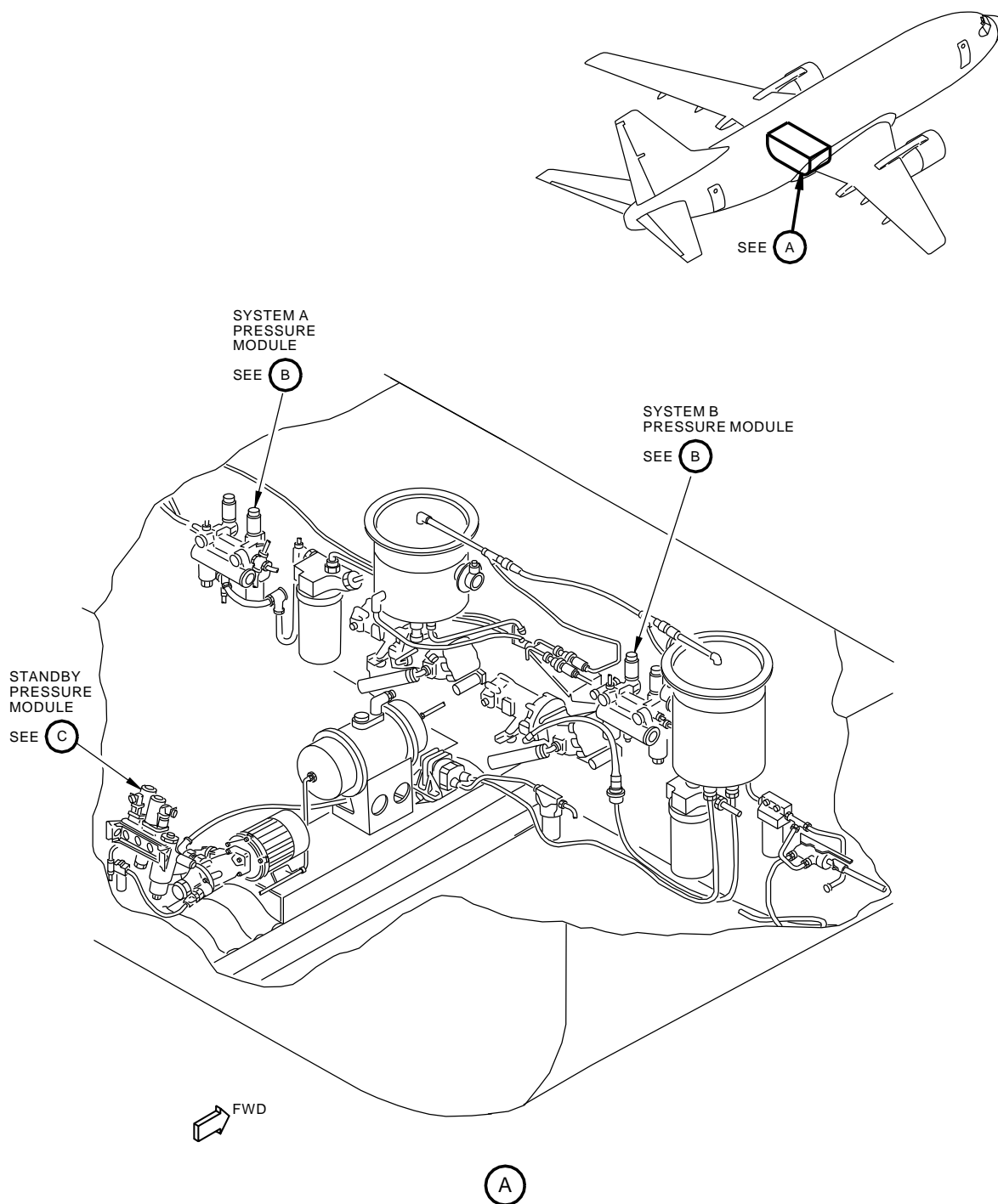
Both F72918-1 and F72918-2 dummy test relief valves are solid aluminum plugs, fitted with O-rings.

NOTE: F72918-1 replaces the cancelled SE29-1301 for future procurement.
F72918-2 replaces the cancelled SE29-1302 for future procurement.

29-10-04



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1571875 S0000293465_V1

Modular System Dummy Test Relief Valve
Figure 1 (Sheet 1 of 2)

29-10-04

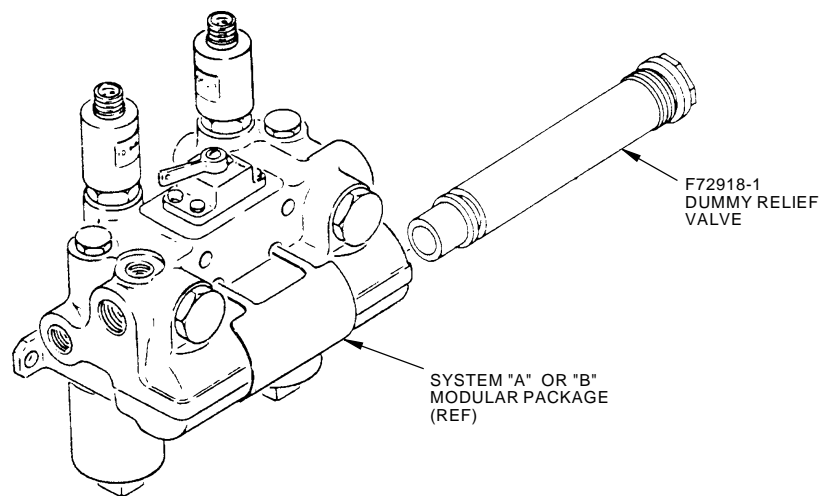
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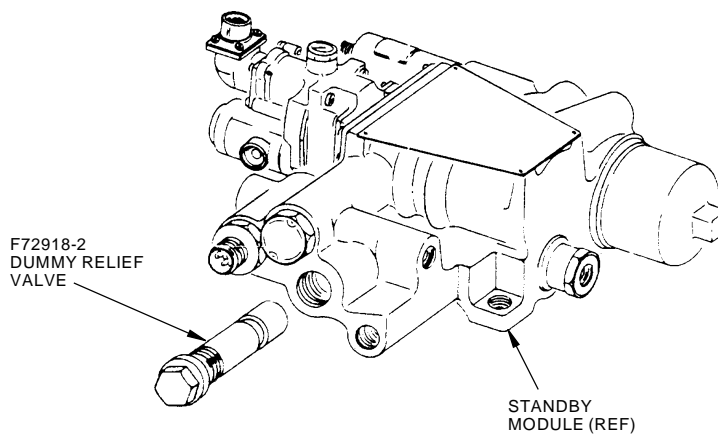
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737-600/700/800/900
ILLUSTRATED TOOL AND EQUIPMENT MANUAL



(B)



(C)

1571881 S0000293467_V1

Modular System Dummy Test Relief Valve
Figure 1 (Sheet 2 of 2)

29-10-04

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

PART NUMBER: G29015-1

NAME: GROUND FAULT CIRCUIT INTERRUPTER TESTER - HYDRAULIC PUMP

AIRPLANE MAINTENANCE: YES

AMM 29-11-21, AMM 29-15-06

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: The G29015-1 ground fault circuit interrupter tester is used on 737-100 thru -500 airplanes prior to line number 419 and for only the hydraulic system "B" electric motor driven pump (EMDP). G29015-1 is also used on 737-100 and -200 for only the hydraulic system "B" electric motor driven pump (EMDP) on airplanes incorporating Service Bulletin 737-29-1029.

The G29015-1 ground fault circuit interrupter tester is used on both hydraulic system "A" and "B" electric motor driven pumps (EMDP) on 737-300 thru -900 airplanes, line numbers 419 and later.

G29015 is used to test the system "A" and "B" EMDP ground fault protection system. G29015 is connected to the aircraft electrical system in place of the EMDP and is then used to test the aircraft pump motor ground fault current protection system.

Refer to AMM 29-11-21, AMM 29-15-06 and the current G29015 drawing for complete usage instructions.

G29015-1 consists of:

G29015-1		
QUANTITY	NOMENCLATURE	PART NUMBER
1	MAIN CABLE ASSEMBLY	G29015-4
1	AUXILIARY PUMP CABLE ADAPTER	G29015-3
1	TEST BOX ASSEMBLY	G29015-2
1	STORAGE CASE	

WEIGHT: 25 lbs (11 kg)

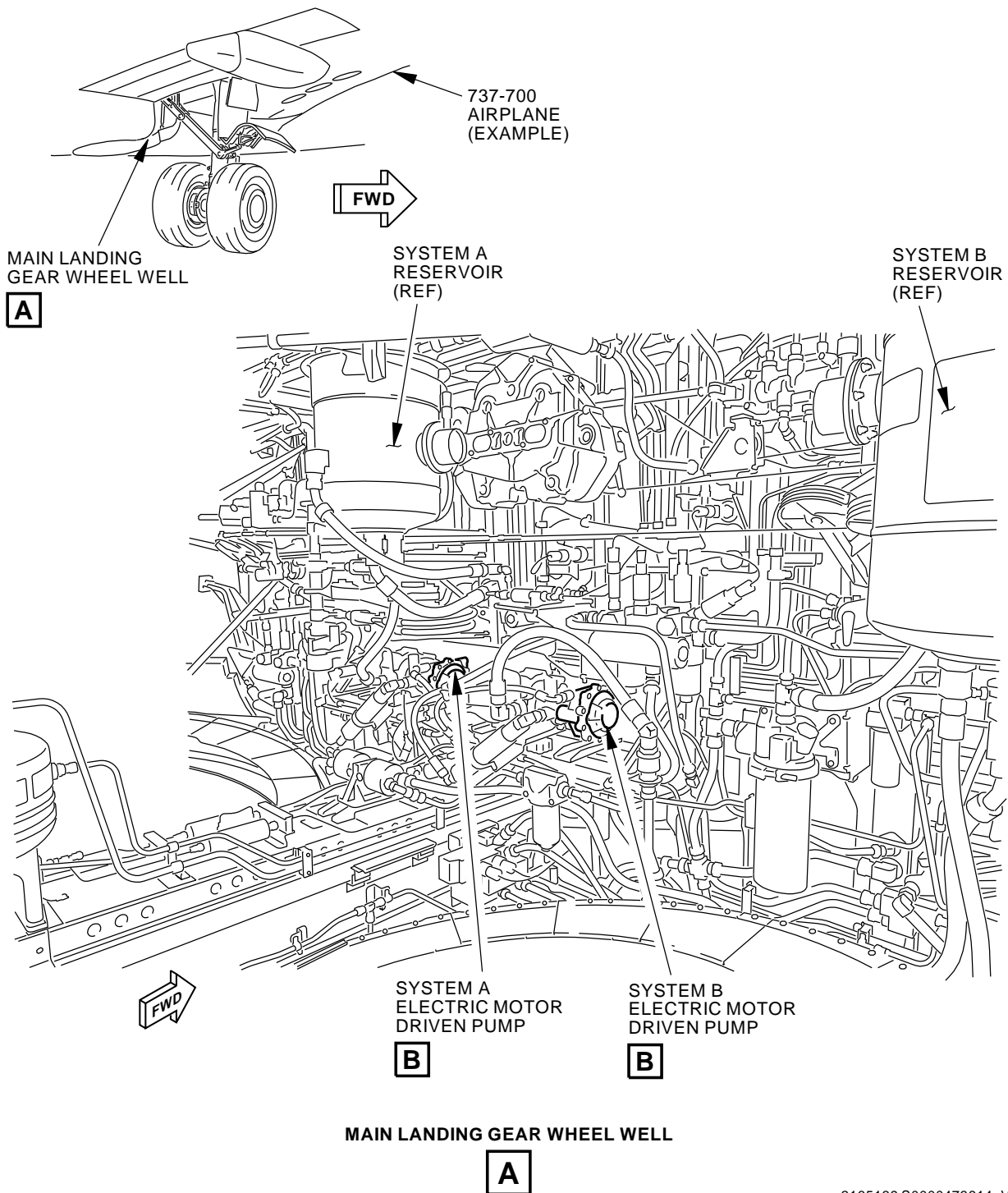
DIMENSIONS: 9 x 13 x 12 inches (229 x 330 x 305 mm)

NOTE: G29015 replaces F72917 for future procurement.

29-10-05



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



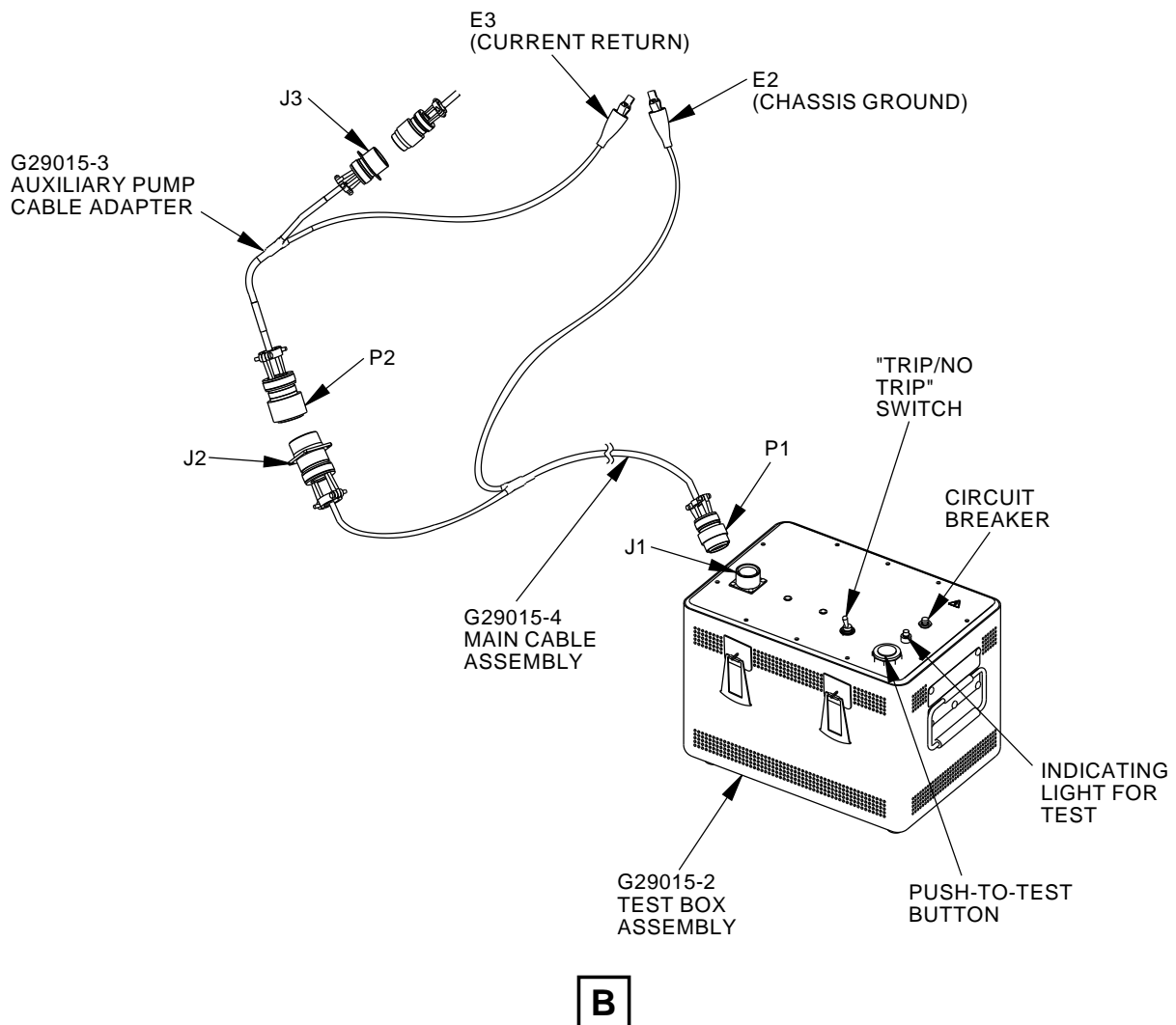
2165139 S0000473614_V2

Hydraulic Pump Ground Fault Circuit Interrupter Tester
Figure 1 (Sheet 1 of 2)

29-10-05



737-600/700/800/900
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2165110 S0000473615_V2

Hydraulic Pump Ground Fault Circuit Interrupter Tester
Figure 1 (Sheet 2 of 2)

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

PART NUMBER: C29007-1

NAME: TORQUE TOOL SET - AC MOTOR DRIVEN HYDRAULIC PUMP

AIRPLANE MAINTENANCE: YES

AMM 29-11-21

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: The C29007-1 torque tool set is used on 737-600 thru -900 airplanes.

C29007 is used to react torque on the bolts used when installing the electric motor driven hydraulic pumps.

Refer to AMM 29-11-21 and the current C29007 drawing for complete usage instructions.

C29007-1 consists of:

C29007-1		
QUANTITY	NOMENCLATURE	PART NUMBER
1	TORQUE REACTION ROD ASSEMBLY 1	C29007-2
1	TORQUE REACTION ROD ASSEMBLY 2	C29007-3
1	STORAGE CASE	

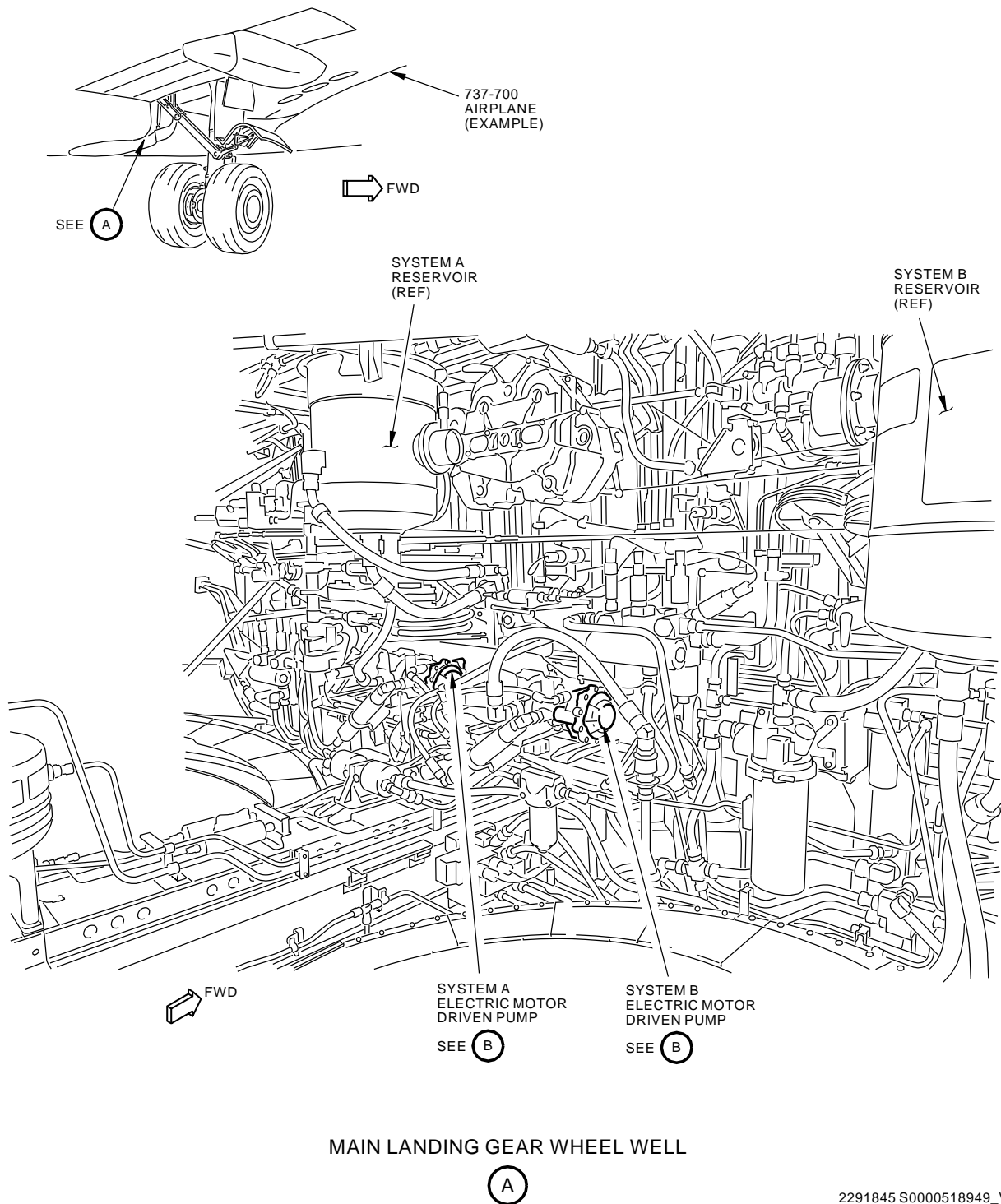
WEIGHT: 0.5 lbs (0.2 kg)

DIMENSIONS: 12 x 3 x 0.12 inches (305 x 76 x 3 mm)

29-10-06



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



2291845 S0000518949_V1

AC Motor Driven Hydraulic Pump Torque Tool Set
Figure 1 (Sheet 1 of 2)

29-10-06

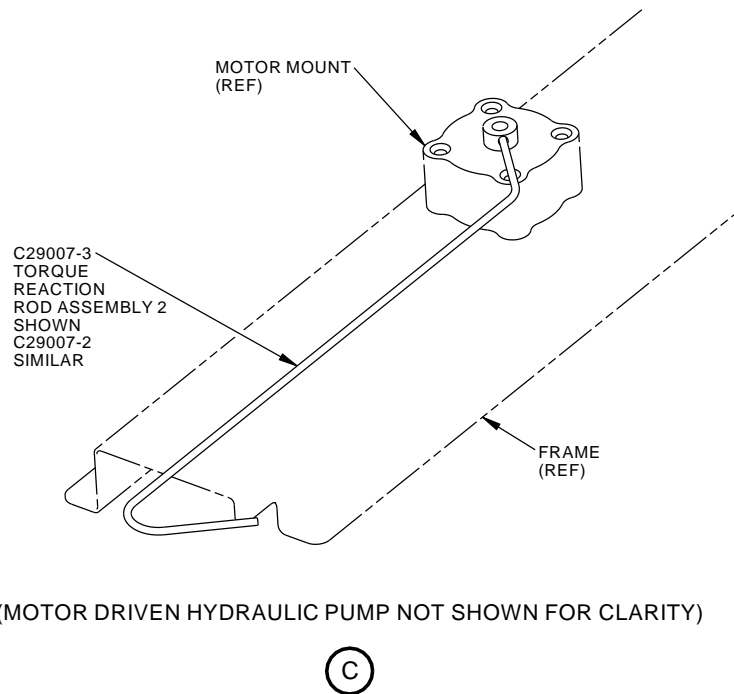
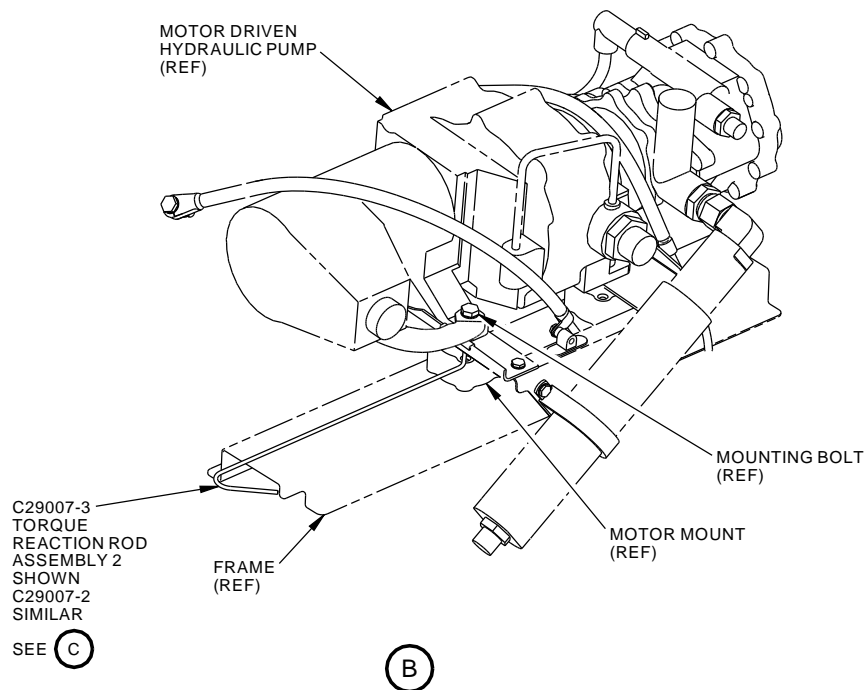
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ILLUSTRATED TOOL AND EQUIPMENT MANUAL



(MOTOR DRIVEN HYDRAULIC PUMP NOT SHOWN FOR CLARITY)

2291851 S0000518952_V1

AC Motor Driven Hydraulic Pump Torque Tool Set
Figure 1 (Sheet 2 of 2)

29-10-06



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

PART NUMBER: C29004-1

NAME: DRAIN HOSE - HYDRAULIC RESERVOIR

AIRPLANE MAINTENANCE: YES

AMM 29-00-00, AMM 29-21-31

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: The C29004-1 drain hose is used on 737-300 thru -900 airplanes.

C29004 is used to drain the standby hydraulic system reservoir.

Refer to AMM 29-00-00, AMM 29-21-31 and the current C29004 drawing for complete usage instructions.

C29004-1 consists of:

C29004-1		
QUANTITY	NOMENCLATURE	PART NUMBER
1	DRAIN HOSE ASSEMBLY	C29004-2
1	STORAGE BOX	

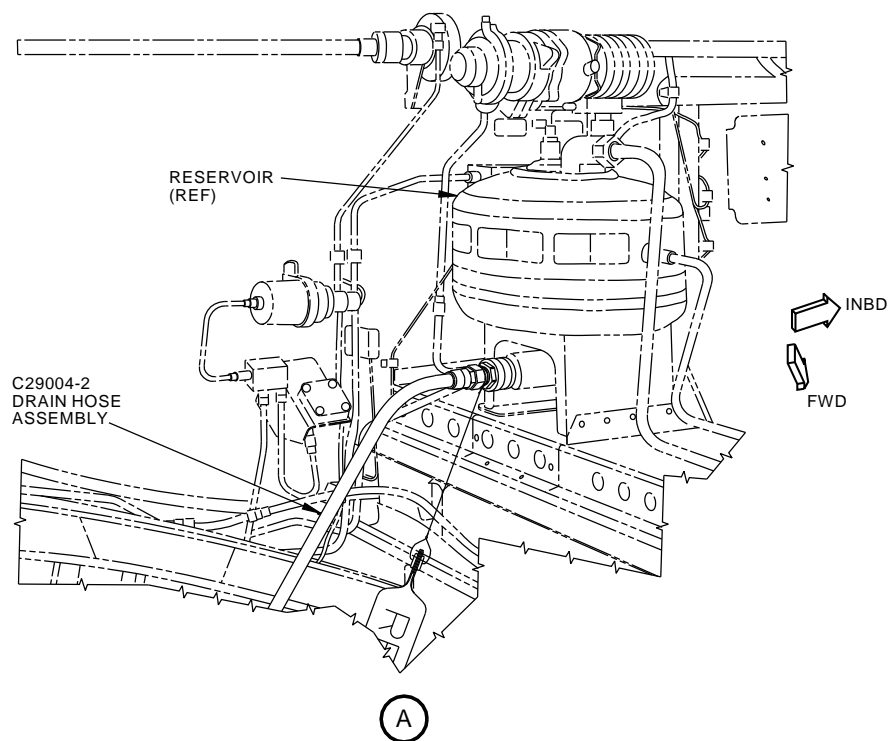
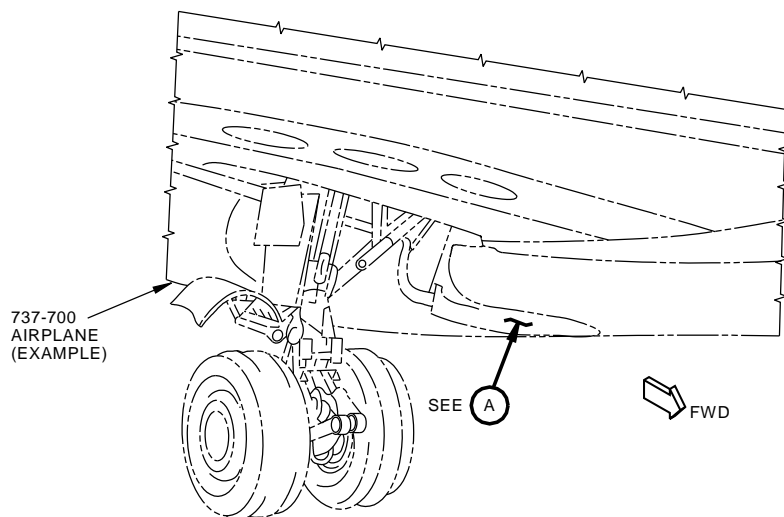
WEIGHT: 1 lb (0.45 kg)

DIMENSIONS: 2 x 7.5 x 7.5 inches (51 x 191 x 191 mm)

29-20-01



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



1341828 S0000238516_V2

**Hydraulic Reservoir Drain Hose
Figure 1**

29-20-01

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737-600/700/800/900
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PART NUMBER: C29005-1

NAME: ADAPTER - TEE, STANDBY HYDRAULIC SYSTEM TEST

AIRPLANE MAINTENANCE: YES

AMM 29-21-00

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: The C29005-1 tee adapter is used on 737-600 thru -900 airplanes.

C29005 is used to pressure test the standby hydraulic system. The standby hydraulic system is located in the wheelwell.

Refer to AMM 29-21-00 and the current C29005 drawing for complete usage instructions.

C29005-1 consists of:

C29005-1		
QUANTITY	NOMENCLATURE	PART NUMBER
1	ADAPTER ASSEMBLY	C29005-2
1	STORAGE BOX	

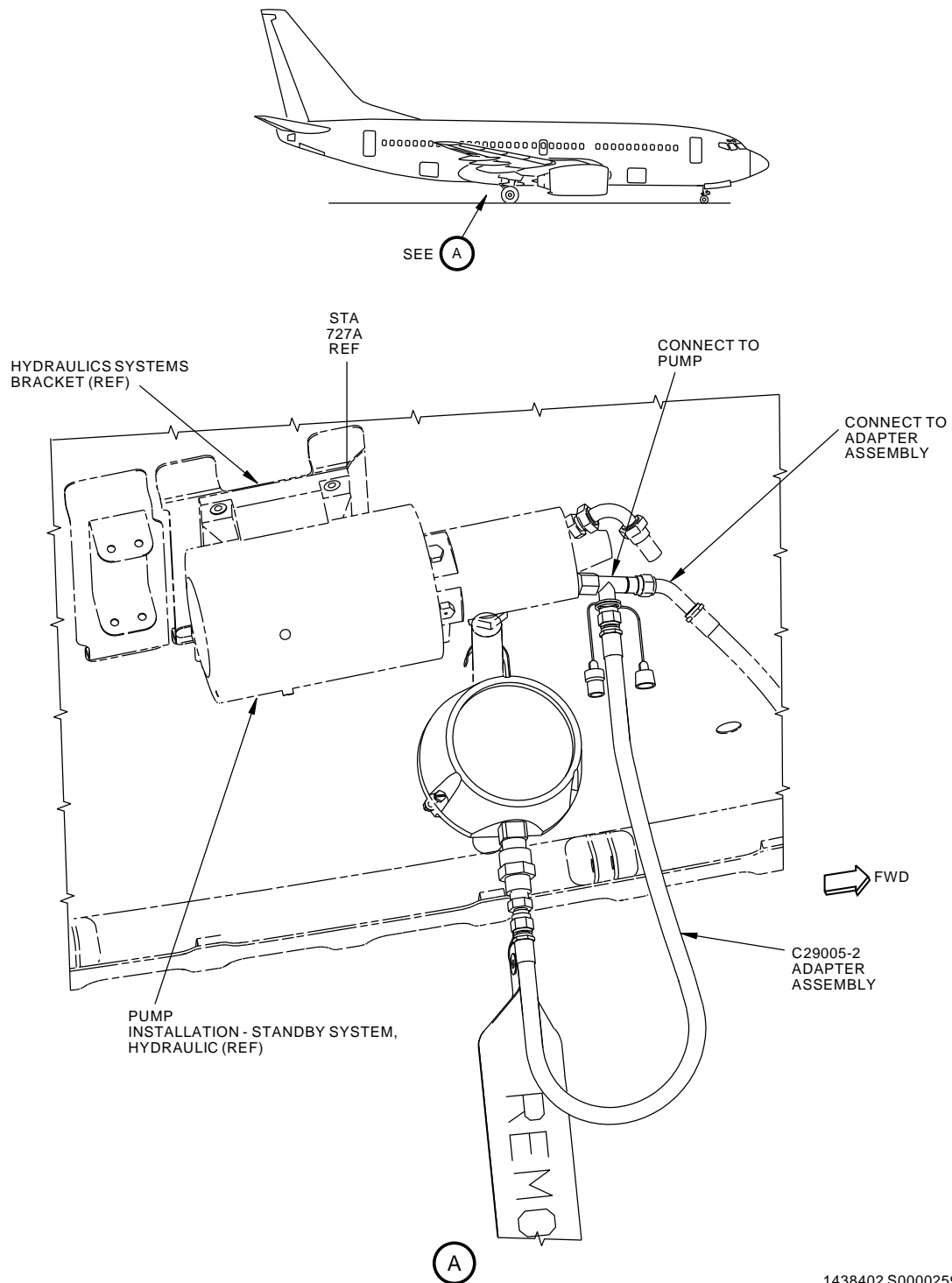
WEIGHT: 5 lbs (2.25 kg)

DIMENSIONS: 5 x 12 x 18 inches (127 x 305 x 457 mm)

29-20-02



737-600/700/800/900
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1438402 S0000259434_V1

Standby Hydraulic System Test Tee Adapter
Figure 1

29-20-02