

CHAPTER

29

HYDRAULIC POWER



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ILLUSTRATED TOOL AND EQUIPMENT MANUAL

CHAPTER 29
HYDRAULIC POWER

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2	BLANK	2	Sep 20/2006	2	Sep 20/2006
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1	Sep 20/2007	4	BLANK	4	BLANK
2	BLANK	29-20-01		29-20-08	
29-00-01		1	Sep 20/2007	1	Sep 20/2006
1	Sep 20/2006	2	Sep 20/2006	2	Sep 20/2006
2	BLANK	3	Sep 20/2006	3	Sep 20/2006
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1	Sep 20/2006	29-20-02		29-20-09	
2	BLANK	1	Sep 20/2006	1	Sep 20/2006
29-00-03		2	Sep 20/2006	2	Sep 20/2006
1	Sep 20/2006	3	Sep 20/2006	3	Sep 20/2006
2	BLANK	4	BLANK	4	BLANK
29-10-01		29-20-03		29-20-10	
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2	Sep 20/2006	2	Sep 20/2006	2	Sep 20/2006
3	Sep 20/2006	3	Sep 20/2006	3	Sep 20/2006
4	BLANK	4	BLANK	4	Sep 20/2006
29-10-02		29-20-04		29-30-01	
1	Sep 20/2006	1	Sep 20/2006	1	Sep 20/2006
2	Sep 20/2006	2	Sep 20/2006	2	BLANK
3	Sep 20/2006	3	Sep 20/2006	29-30-02	
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5	Sep 20/2006	5	Sep 20/2006	2	BLANK
6	Sep 20/2006	6	Sep 20/2006		
29-10-03		7	Sep 20/2006		
1	Sep 20/2006	8	BLANK		
2	Sep 20/2006	29-20-05			
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1	Sep 20/2006	2	Sep 20/2006		
2	Sep 20/2006	3	Sep 20/2006		
3	Sep 20/2006	4	BLANK		
4	BLANK	29-20-06			
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1	Sep 20/2006	2	Sep 20/2006		
2	Sep 20/2006	3	Sep 20/2006		
3	Sep 20/2006	4	BLANK		
4	Sep 20/2006				

A = Added, R = Revised, O = Overflow, D = Deleted

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PART NUMBER: B29001-23, -46 WAS MOVED TO 29-20-10



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PART NUMBER: ST848 WAS MOVED TO 20-10-03



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PART NUMBER: ST878D WAS MOVED TO 20-10-04



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ILLUSTRATED TOOL AND EQUIPMENT MANUAL

PART NUMBER: A29004-1

NAME: TOOL SET - OVERHAUL, HYDRAULIC FILTER

AIRPLANE MAINTENANCE: NO

COMPONENT MAINTENANCE: YES

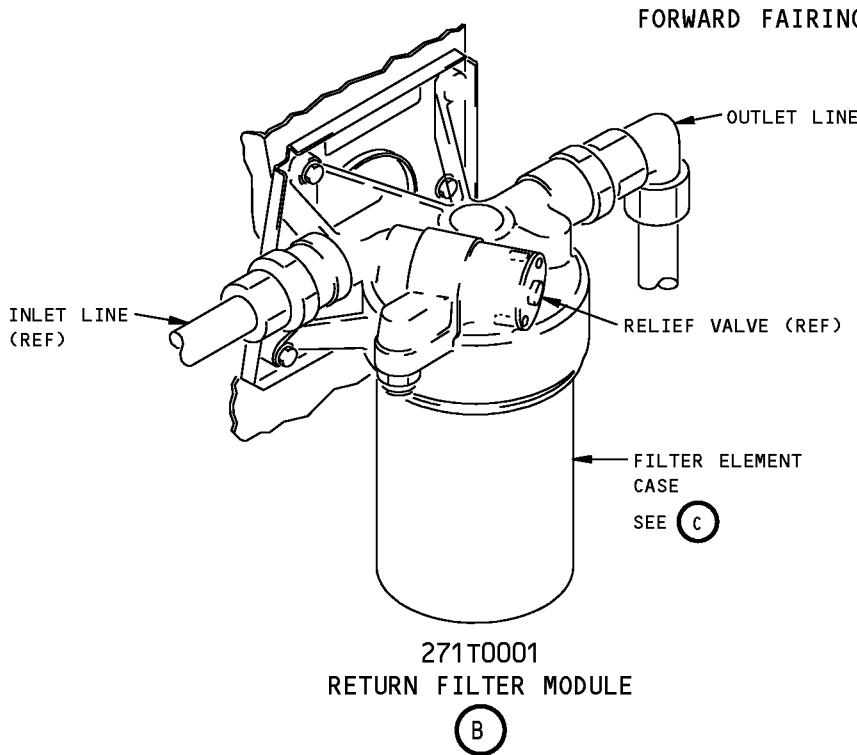
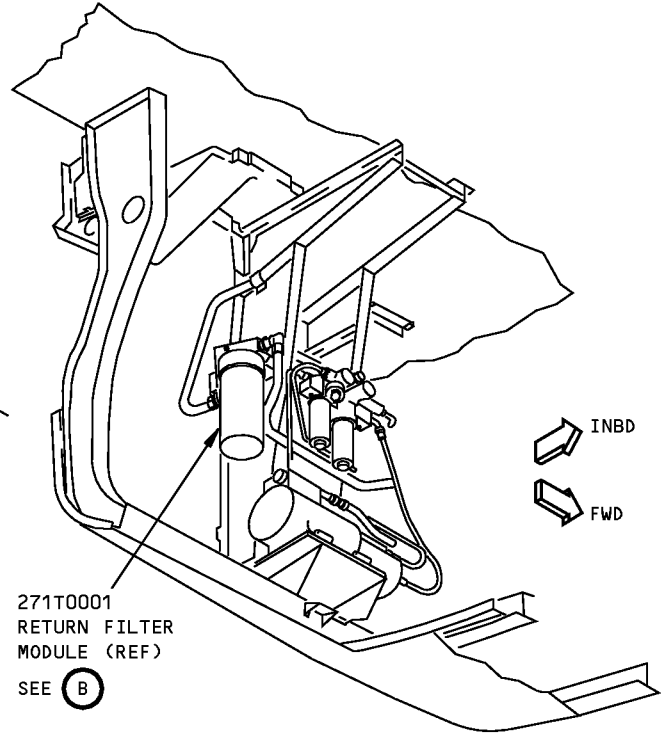
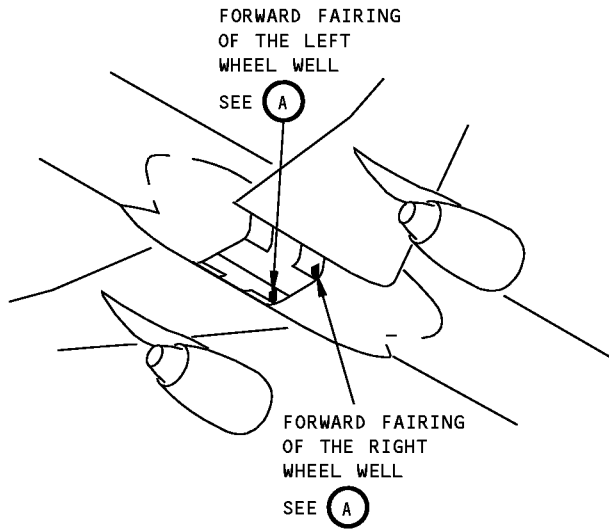
USAGE & DESCRIPTION: The A29004-1 tool set is used during component maintenance on all 757 airplanes. A29004 is used to overhaul and functional tests (with a hydraulic test stand) of the 271T0001 hydraulic return filter module assembly. refer to CMM 29-11-35 for complete usage instructions. A29004-1 consists of:

A29004-1		
QUANTITY	NOMENCLATURE	PART NUMBER
1	RETAINER ASSEMBLY	A29004-2
1	PUNCH	A29004-3
1	WRENCH ASSEMBLY	A29004-4
1	WRENCH ASSEMBLY	A29004-5
1	DIE SET	A29004-6
1	PUNCH	A29004-7
1	PLUG ASSEMBLY	A29004-8
1	STORAGE BOX	

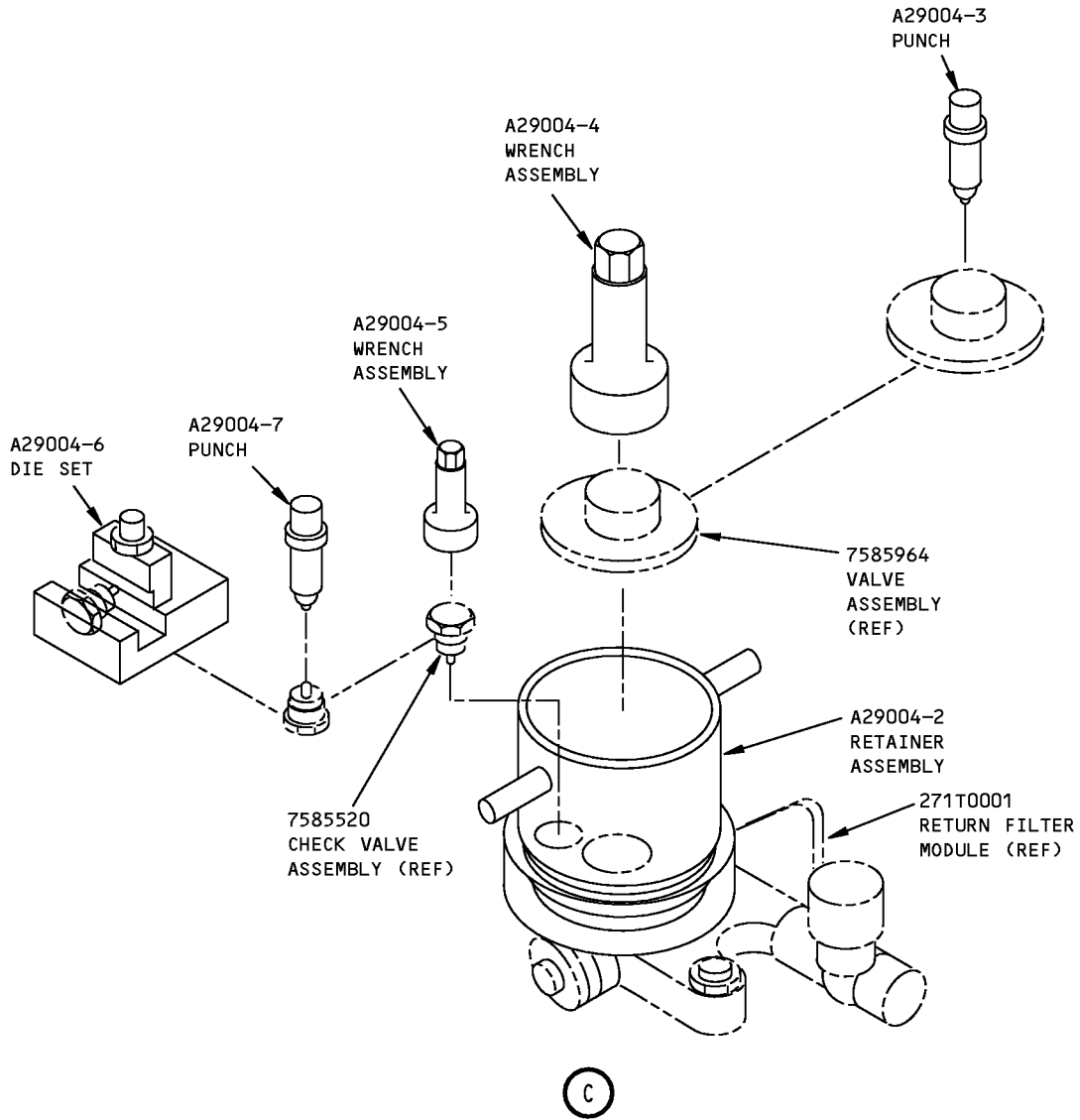
WEIGHT: 28 lbs (13 kg)

DIMENSIONS: 6 x 10 x 12 inches (152 x 254 x 305 mm)

ILLUSTRATED TOOL AND EQUIPMENT MANUAL



**Hydraulic Filter Overhaul Tool Set
Figure 1 (Sheet 1 of 2)**



Hydraulic Filter Overhaul Tool Set
Figure 1 (Sheet 2 of 2)



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PART NUMBER: A29003-49

NAME: TOOL SET - OVERHAUL, HYDRAULIC FILTER

AIRPLANE MAINTENANCE: NO

COMPONENT MAINTENANCE: YES

USAGE & DESCRIPTION: The A29003-49 tool set is used during component overhaul on all 757 airplanes. A29003 is used for disassembly, build-up assembly and functional test of the 271T0042 AC motor pump filter module assembly and the 271T0068 engine driven pump filter module assembly. Refer to the current A29004 drawing, CMM 29-11-41 and CMM 29-11-46 for complete usage instructions. A29003-49 consists of:

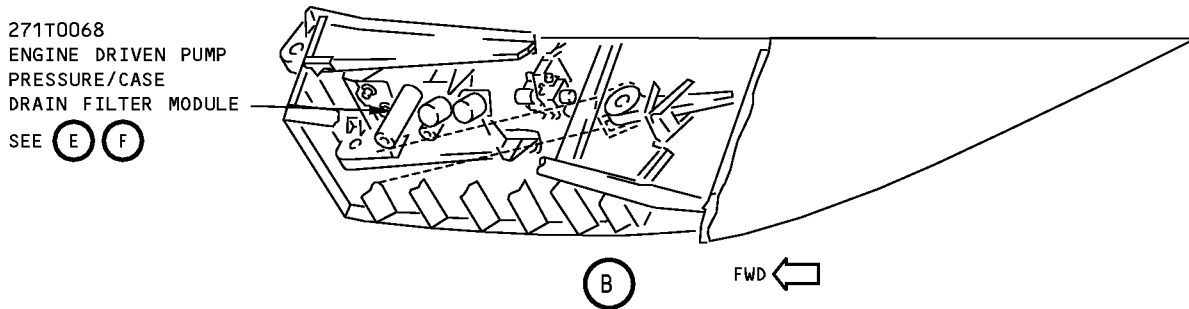
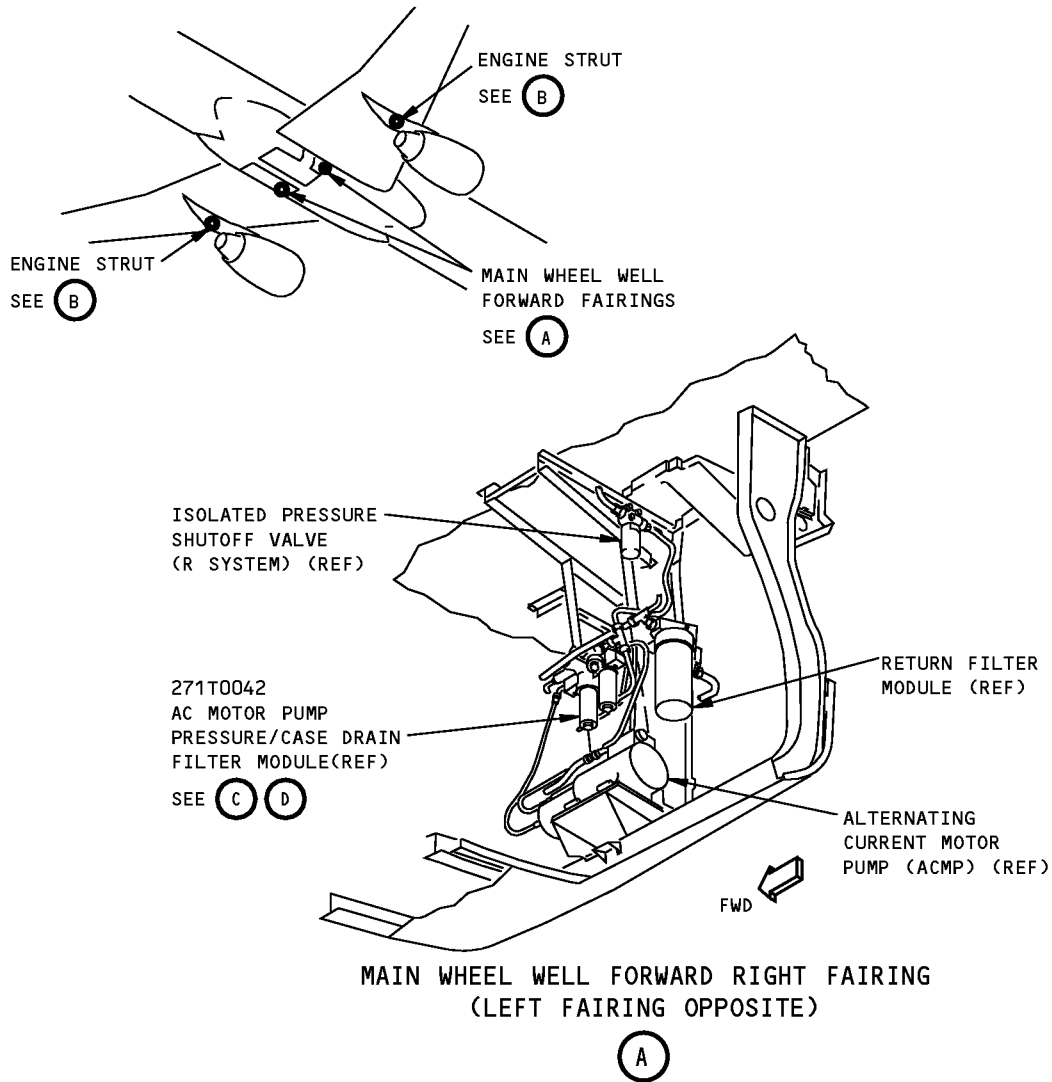
A29003-49		
QUANTITY	NOMENCLATURE	PART NUMBER
1	FIXTURE ASSEMBLY	A29003-2
1	WRENCH ASSEMBLY	A29003-3
1	WRENCH ASSEMBLY	A29003-4
1	WRENCH ASSEMBLY	A29003-5
1	WRENCH ASSEMBLY	A29003-6
1	PLUG ASSEMBLY	A29003-7
1	DUMMY CV ASSEMBLY	A29003-8
2	DUMMY FILTER ASSEMBLY	A29003-9
1	DUMMY FILTER ASSEMBLY	A29003-10
1	DUMMY FILTER CS ASSEMBLY	A29003-11
1	PLUG ASSEMBLY	A29003-12
1	WRENCH ASSEMBLY	A29003-33
1	DUMMY FILTER CS ASSEMBLY	A29003-38
1	DUMMY FILTER CS ASSEMBLY	A29003-39
1	STORAGE BOX	

WEIGHT: 22 lbs (10 kg)

DIMENSIONS: 8 x 8 x 17 inches (203 x 203 x 432 mm)

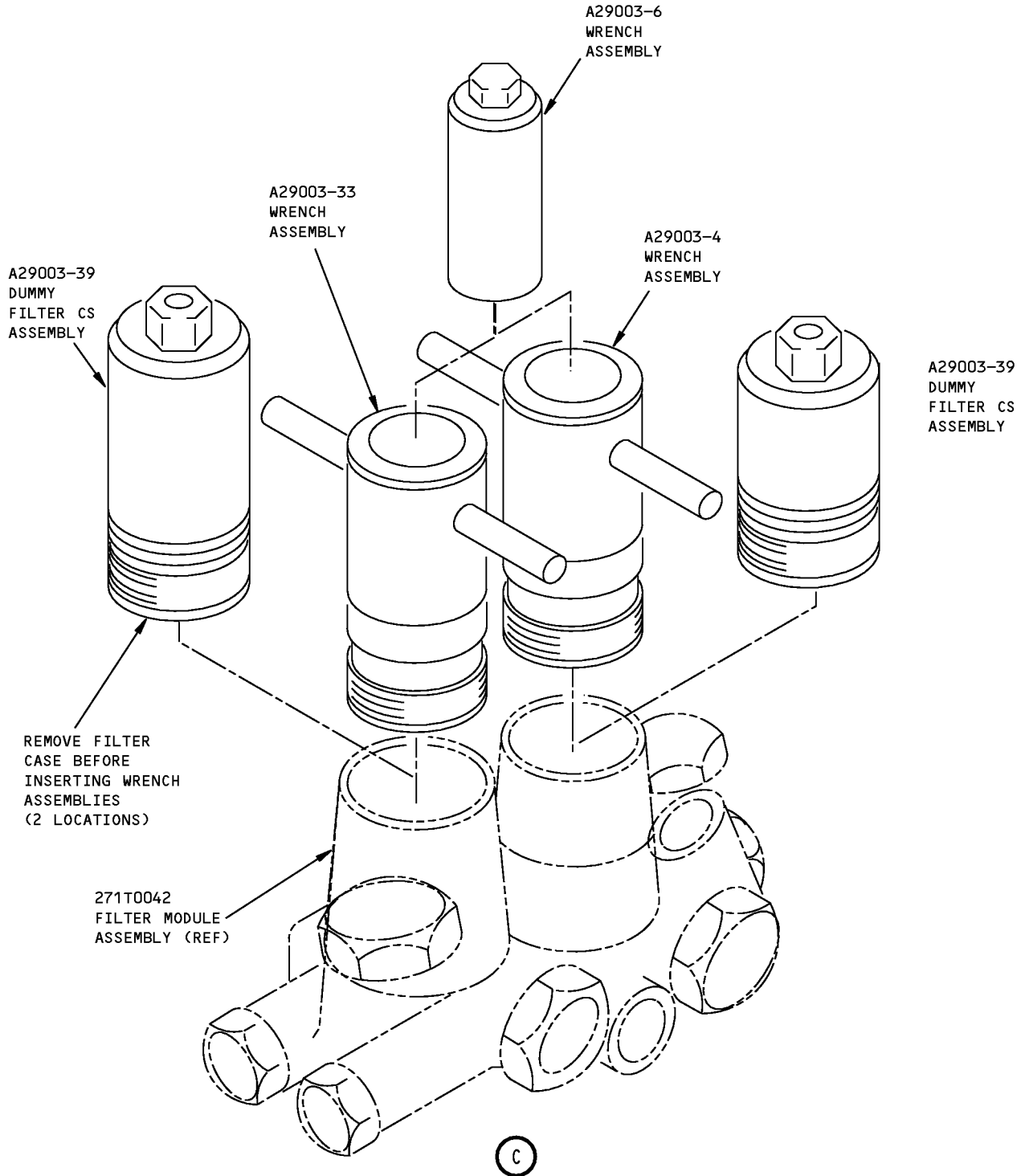
NOTE: A29003-49 supersedes A29003-1.

ILLUSTRATED TOOL AND EQUIPMENT MANUAL



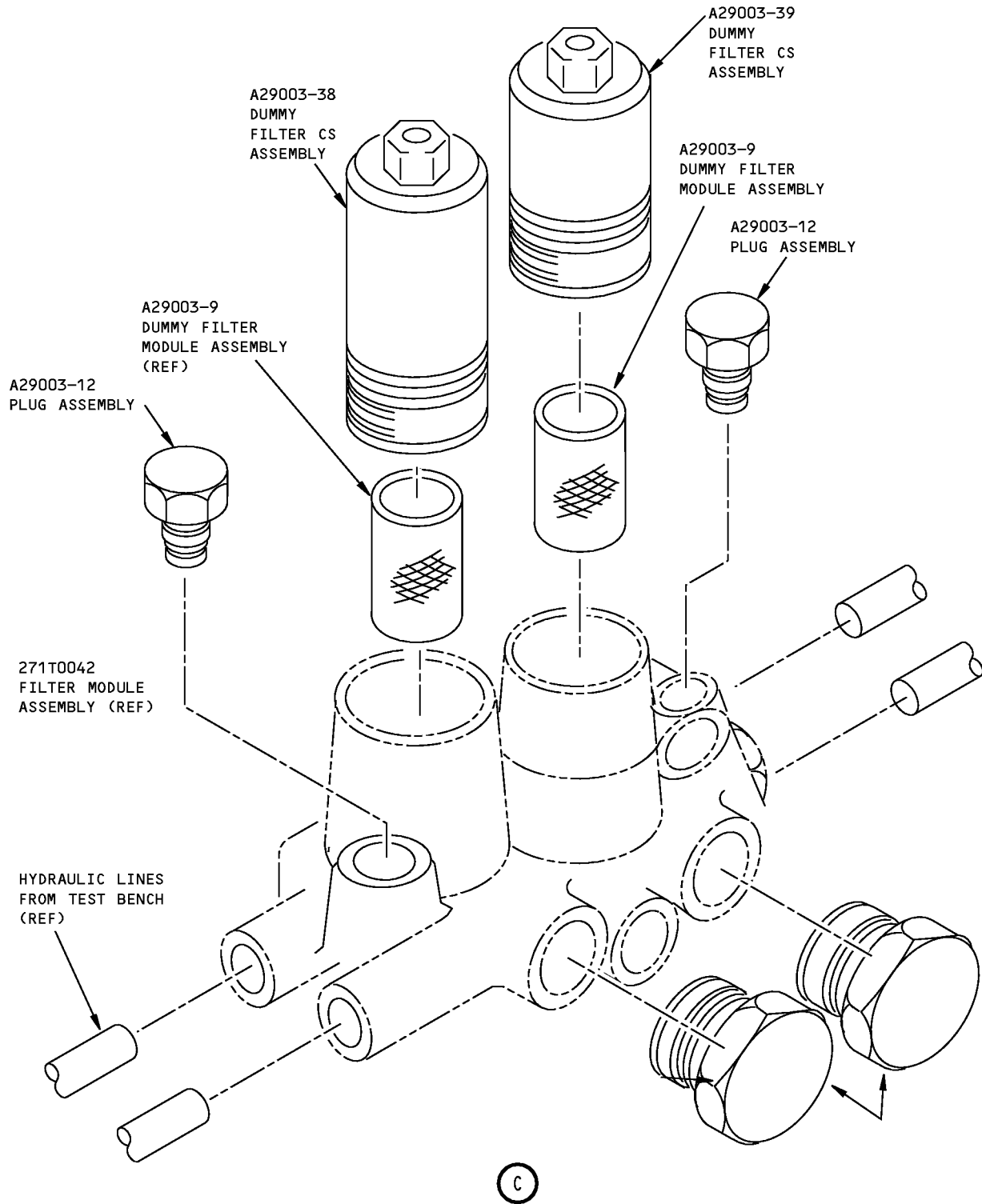
**Hydraulic Filter Overhaul Tool Set
Figure 1 (Sheet 1 of 5)**

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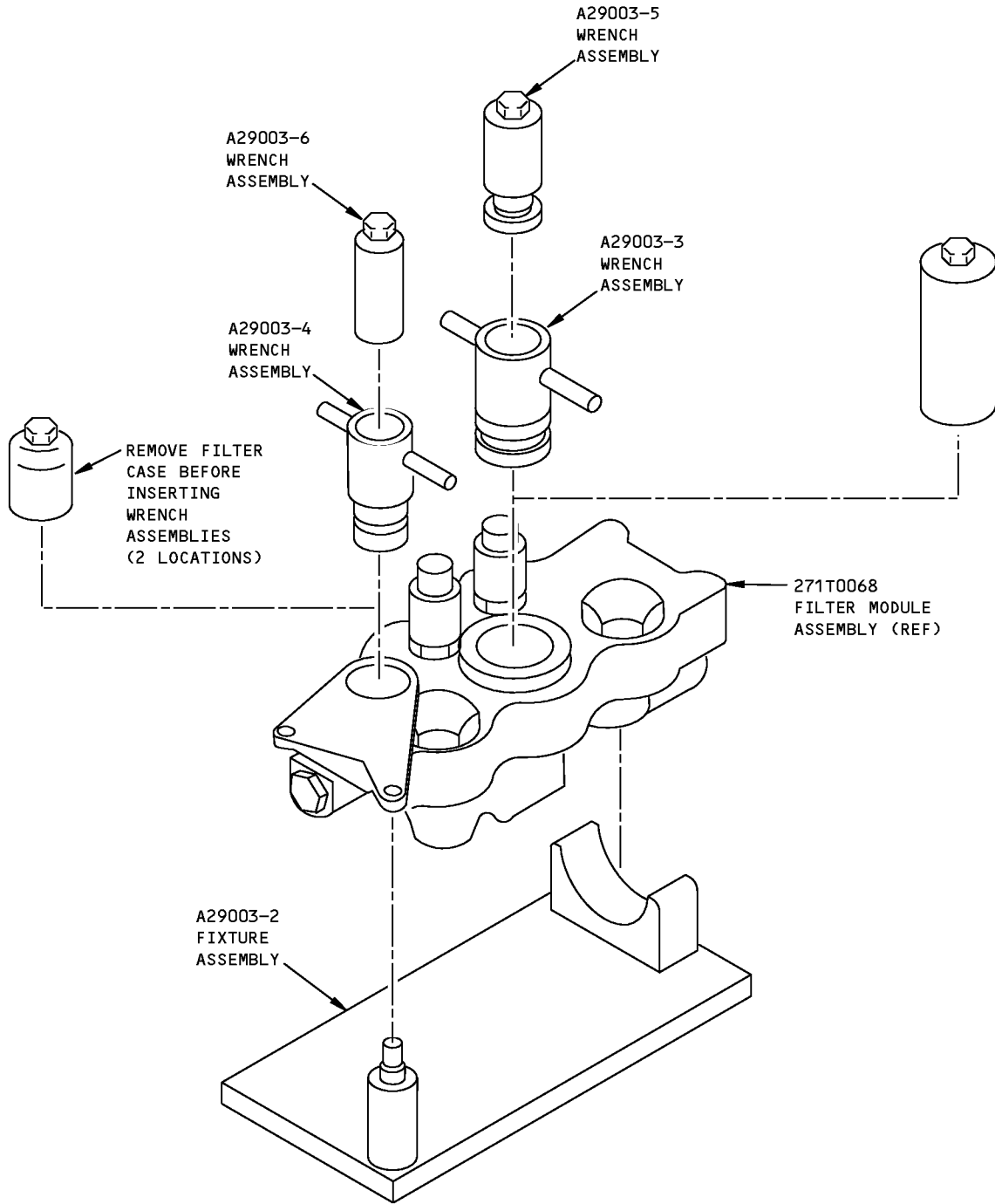
**Hydraulic Filter Overhaul Tool Set
Figure 1 (Sheet 2 of 5)**

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**Hydraulic Filter Overhaul Tool Set
Figure 1 (Sheet 3 of 5)**

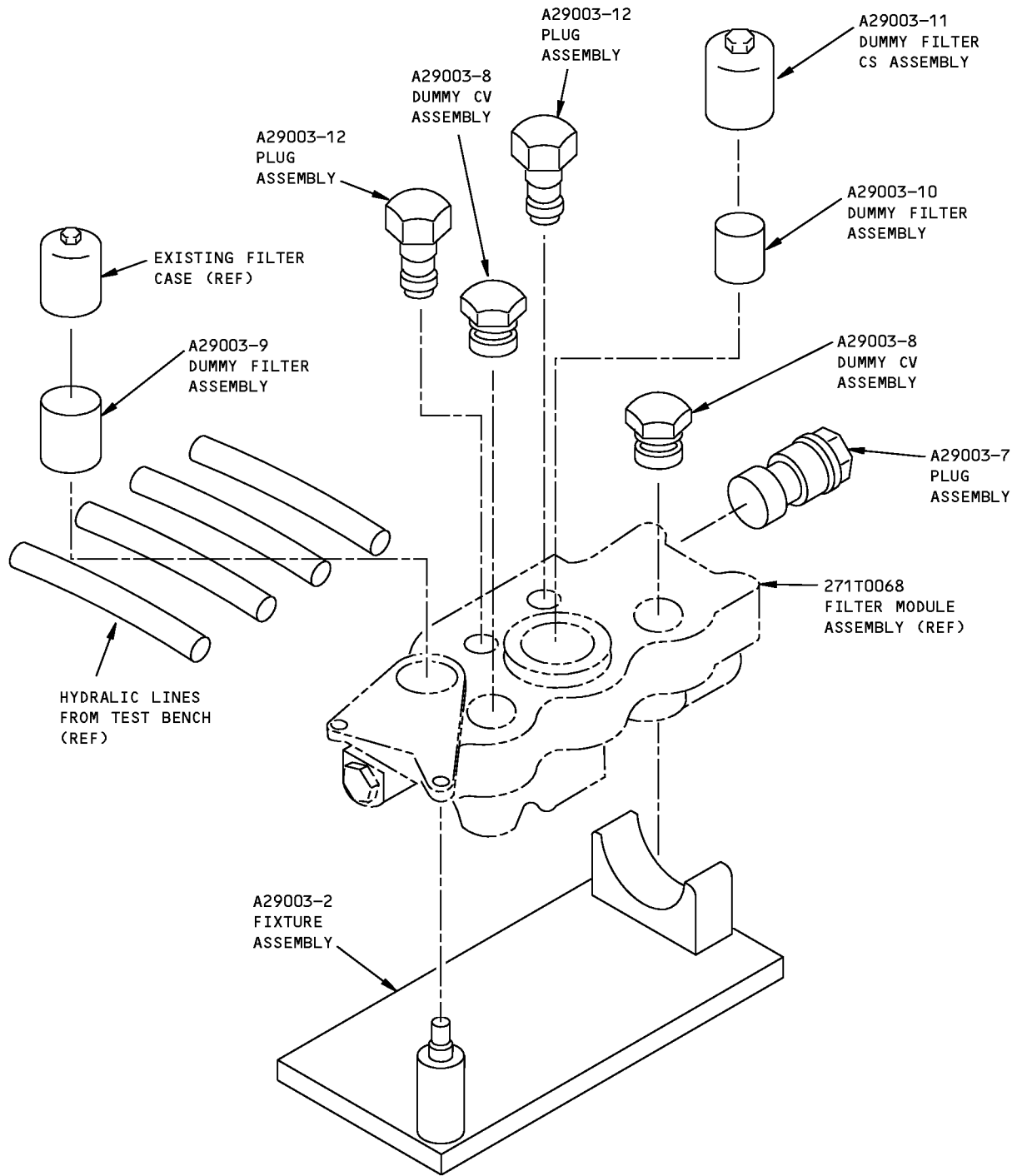
ILLUSTRATED TOOL AND EQUIPMENT MANUAL



(E)

**Hydraulic Filter Overhaul Tool Set
Figure 1 (Sheet 4 of 5)**

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**Hydraulic Filter Overhaul Tool Set
Figure 1 (Sheet 5 of 5)**

ILLUSTRATED TOOL AND EQUIPMENT MANUAL

PART NUMBER: B29002-1

NAME: LOCK SET - RESERVOIR VENT VALVE

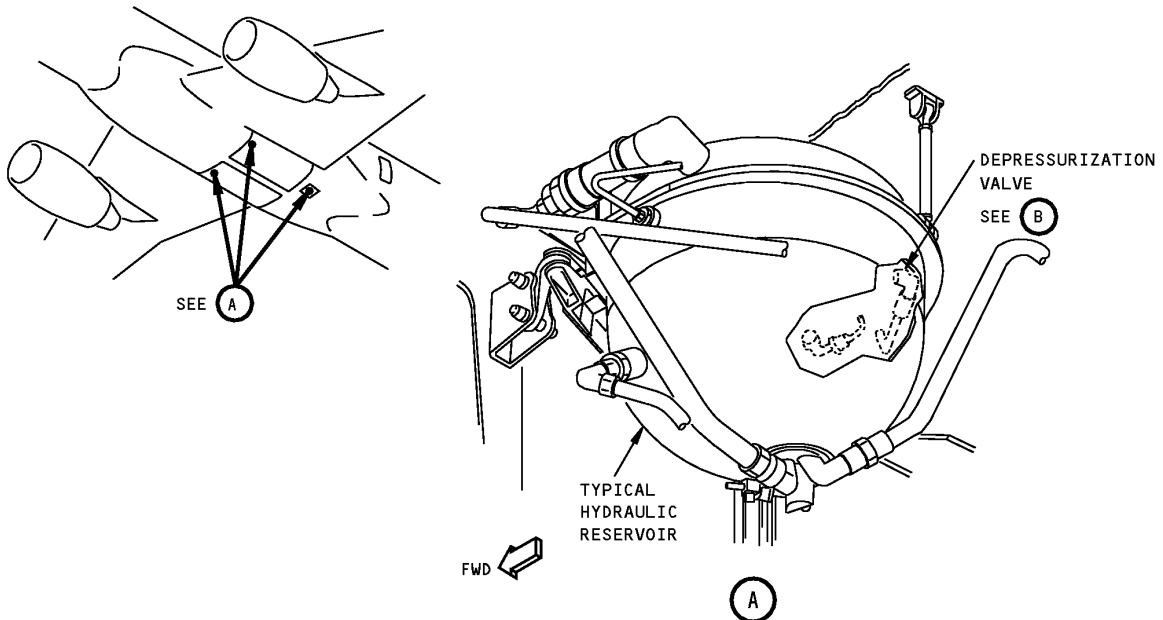
AIRPLANE MAINTENANCE: YES

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: B29002-1 is used on all 757 airplanes. B29002 is used to hold the reservoir vent valve in the open position to depressurize the reservoir. Refer to AMM 29-11-00 for complete usage instructions. The B29002-1 lock set consists of three B29002-2 lock assemblies contained in a storage box.

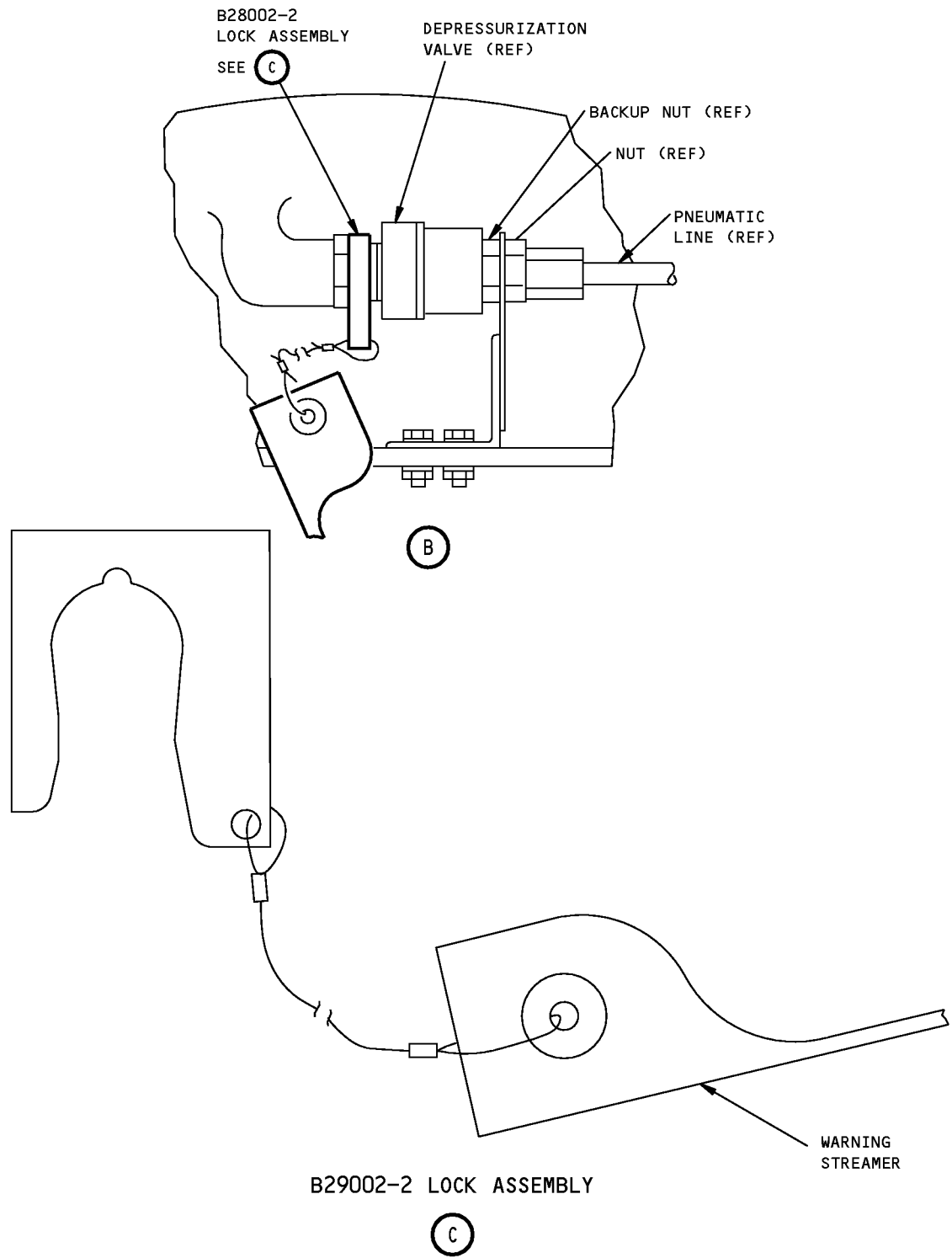
WEIGHT: 1 lb (0.45 kg)

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



**Reservoir Vent Valve Lock Set
Figure 1 (Sheet 1 of 2)**

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**Reservoir Vent Valve Lock Set
Figure 1 (Sheet 2 of 2)**



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ILLUSTRATED TOOL AND EQUIPMENT MANUAL

PART NUMBER: B29003-8

NAME: OVERHAUL EQUIPMENT - HYDRAULIC FILTER, PRESSURE AND RETURN MODULE

AIRPLANE MAINTENANCE: NO

COMPONENT MAINTENANCE: YES

USAGE & DESCRIPTION: The B29003-8 overhaul equipment is used during component maintenance on all 757 airplanes. B29003 is used to disassemble, assemble, and test the 271N2020 center (C) system return filter module and the 271N2040 power transfer unit pressure (PTU) filter module. Refer to CMM 29-11-37 and CMM 29-11-62 for complete usage instructions. B29003-8 consists of:

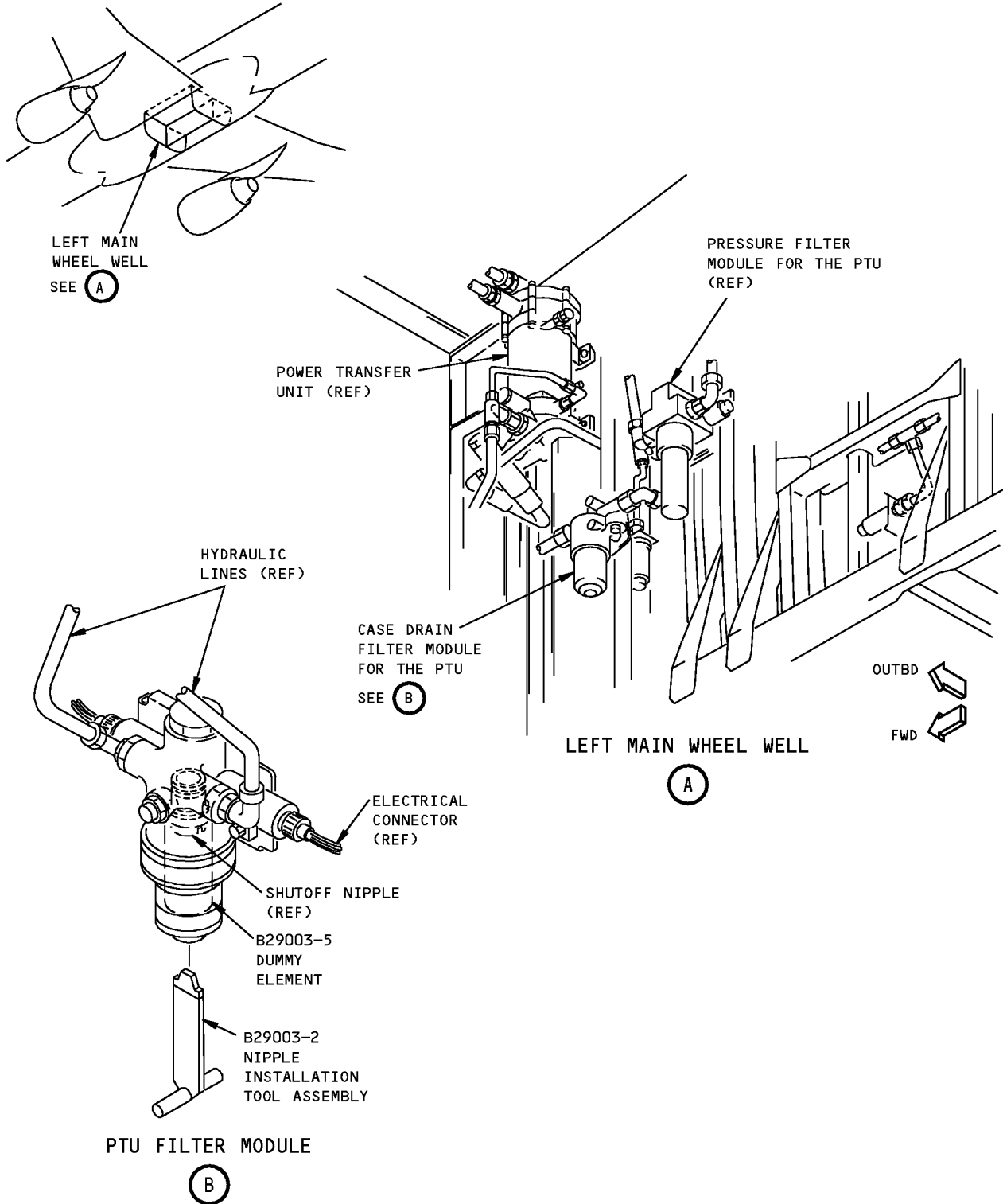
B29003-8		
QUANTITY	NOMENCLATURE	PART NUMBER
1	NIPPLE INSTALLATION TOOL ASSEMBLY	B29003-2
1	DUMMY ELEMENT	B29003-5
1	INSERT TOOL	B29003-6
1	STORAGE BOX	

WEIGHT: 3 lbs (1.4 kg)

DIMENSIONS: 2 x 2 x 8 inches (51 x 51 x 203 mm)

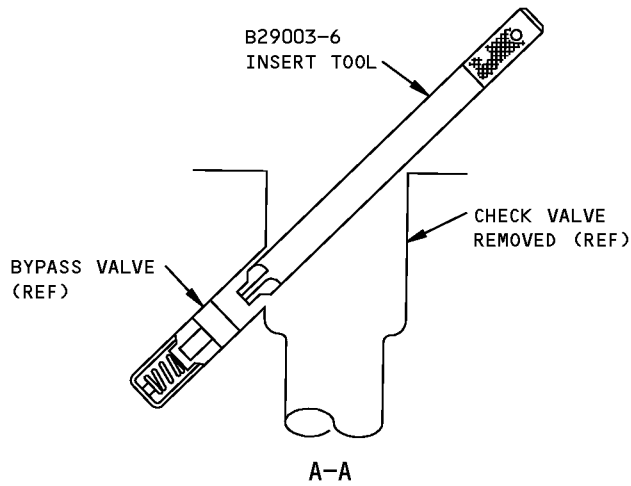
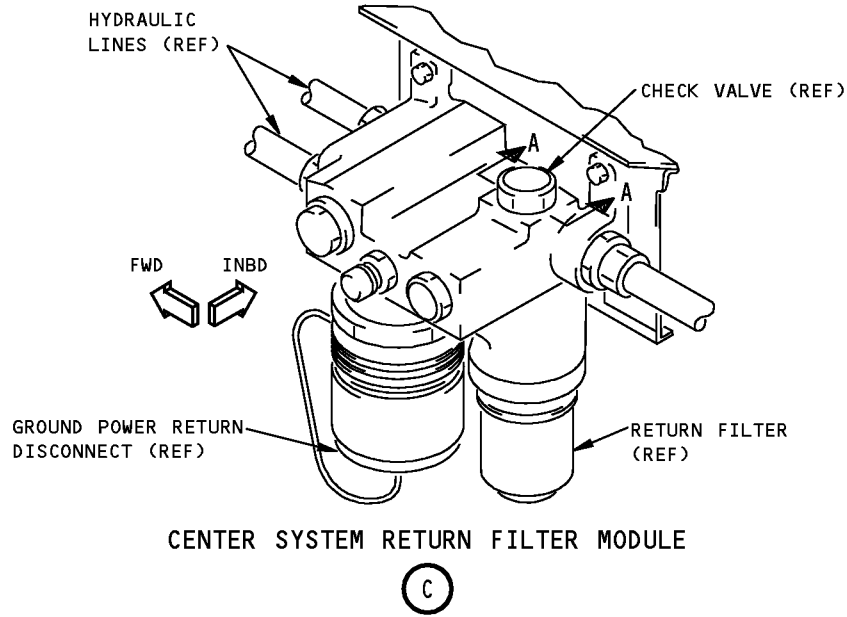
NOTE: B29003-8 supersedes B29003-1.

ILLUSTRATED TOOL AND EQUIPMENT MANUAL



**Pressure And Return Module Hydraulic Filter Overhaul Equipment
Figure 1 (Sheet 1 of 2)**

ILLUSTRATED TOOL AND EQUIPMENT MANUAL



**Pressure And Return Module Hydraulic Filter Overhaul Equipment
Figure 1 (Sheet 2 of 2)**



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ILLUSTRATED TOOL AND EQUIPMENT MANUAL

PART NUMBER: A29006-19

NAME: TEST EQUIPMENT - SWITCH, PRESSURE/THERMAL

AIRPLANE MAINTENANCE: NO

COMPONENT MAINTENANCE: YES

USAGE & DESCRIPTION: A29006-19 test equipment is used during component maintenance on all 757 airplanes. A29006 is used in conjunction with a customer-furnished A29003 hydraulic filter tool set to functionally test the pressure switches for the 271T0042 and 271T0068 filter modules. A29006 also tests the thermal switch for the 271T0068 filter module. Refer to CMM 29-11-41 and CMM 29-11-46 for complete usage instructions. A29006 consists of:

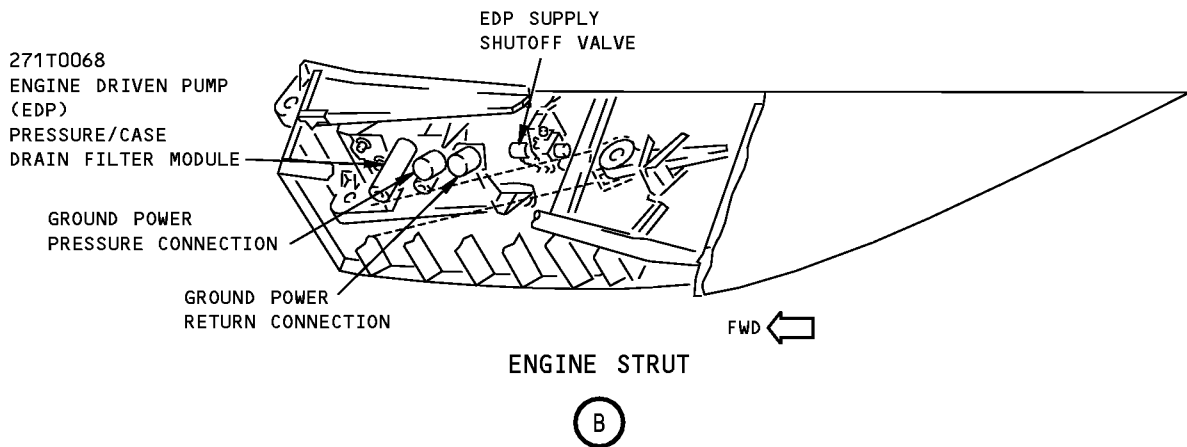
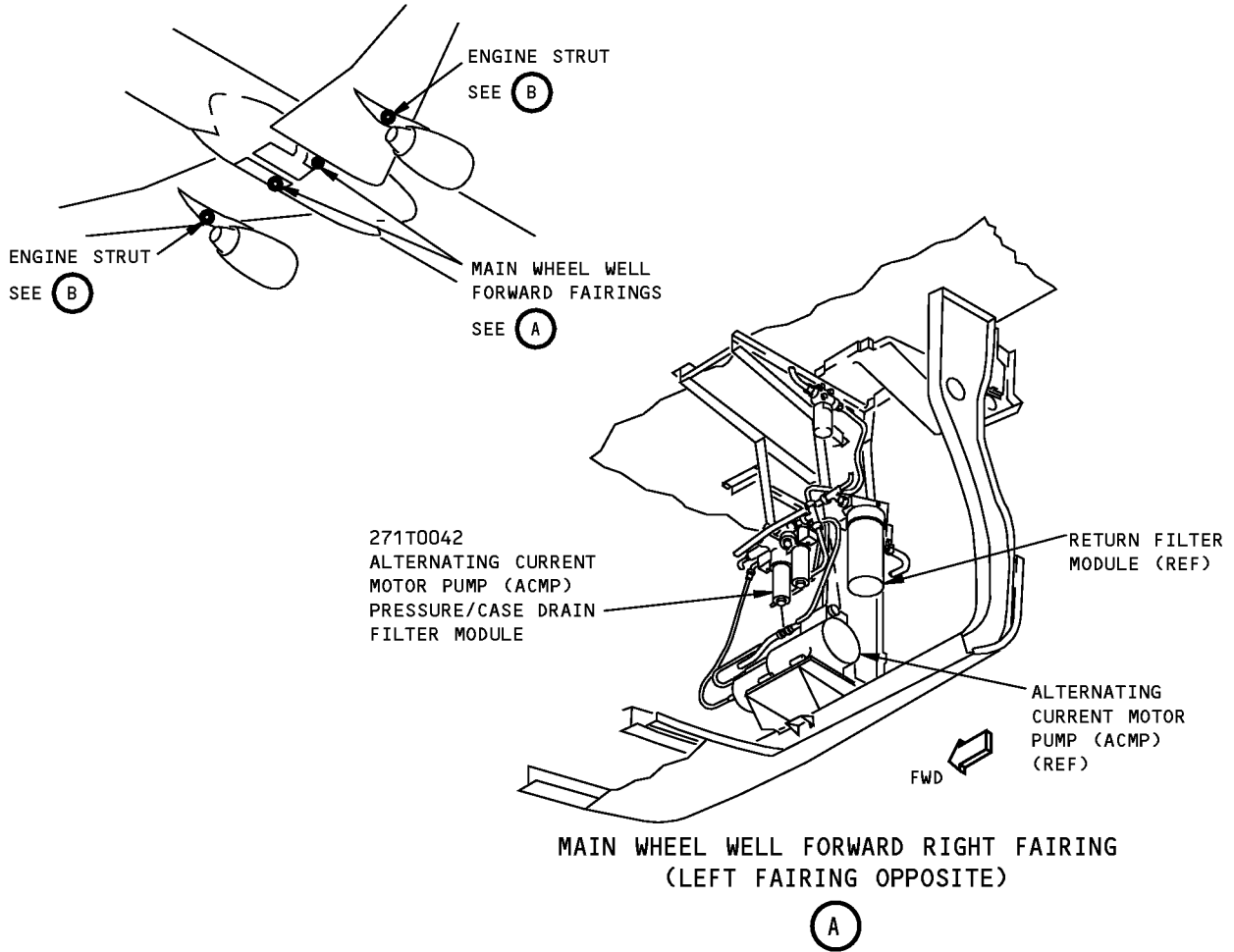
A29006-19		
QUANTITY	NOMENCLATURE	VENDOR CODE
1	TEST BOX ASSEMBLY	A29006-20
1	ADAPTER CABLE ASSEMBLY	A29006-3
1	ADAPTER CABLE ASSEMBLY	A29006-4
1	STORAGE BOX	

WEIGHT: 8 lbs (3.6 kg)

DIMENSIONS: 3 x 10 x 12 inches (76 x 254 x 305 mm)

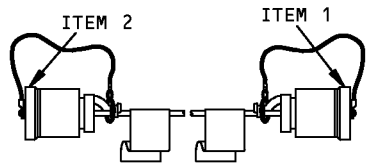
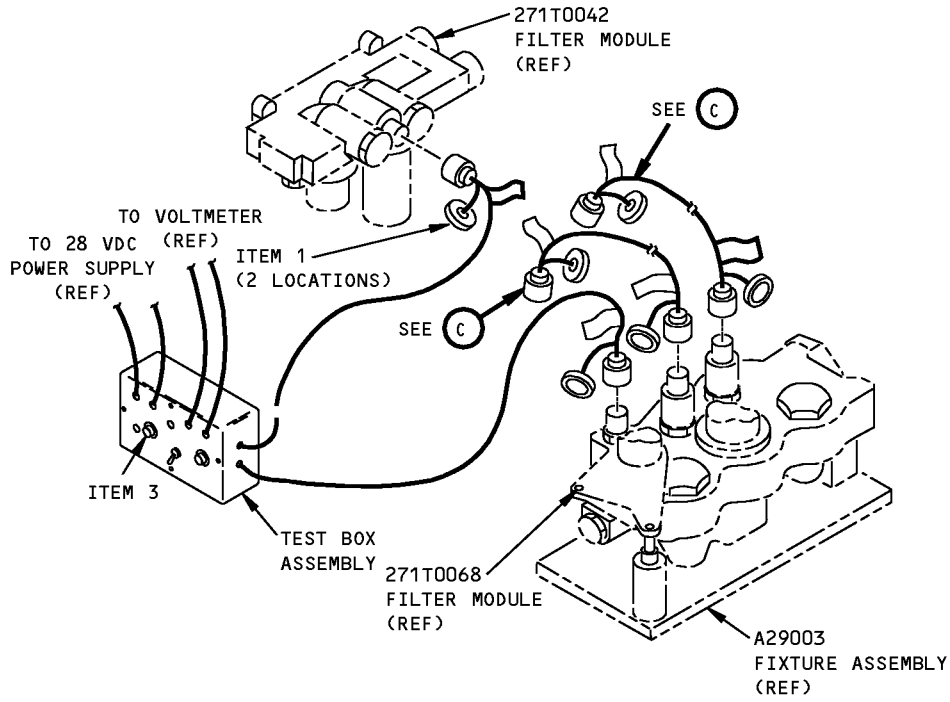
NOTE: A29006-19 supersedes A29006-1.

ILLUSTRATED TOOL AND EQUIPMENT MANUAL



**Pressure/Thermal Switch Test Equipment
Figure 1 (Sheet 1 of 2)**

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A29006-3,-4
ADAPTER CABLE ASSEMBLIES

(C)

**Pressure/Thermal Switch Test Equipment
Figure 1 (Sheet 2 of 2)**



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ILLUSTRATED TOOL AND EQUIPMENT MANUAL

REPAIRABLE/REPLACEABLE PARTS			
ITEM NO.	PART NO.	NOMENCLATURE	VENDOR CODE
1	MS27292-2	DUST CAP	
2	MS27294-2	DUST CAP	
3	MS25331-2-313	INDICATOR LIGHT ASSEMBLY	



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PART NUMBER: A29005-1

NAME: CAP - SEALING, PRESSURE TRANSMITTER MOUNT

AIRPLANE MAINTENANCE: NO

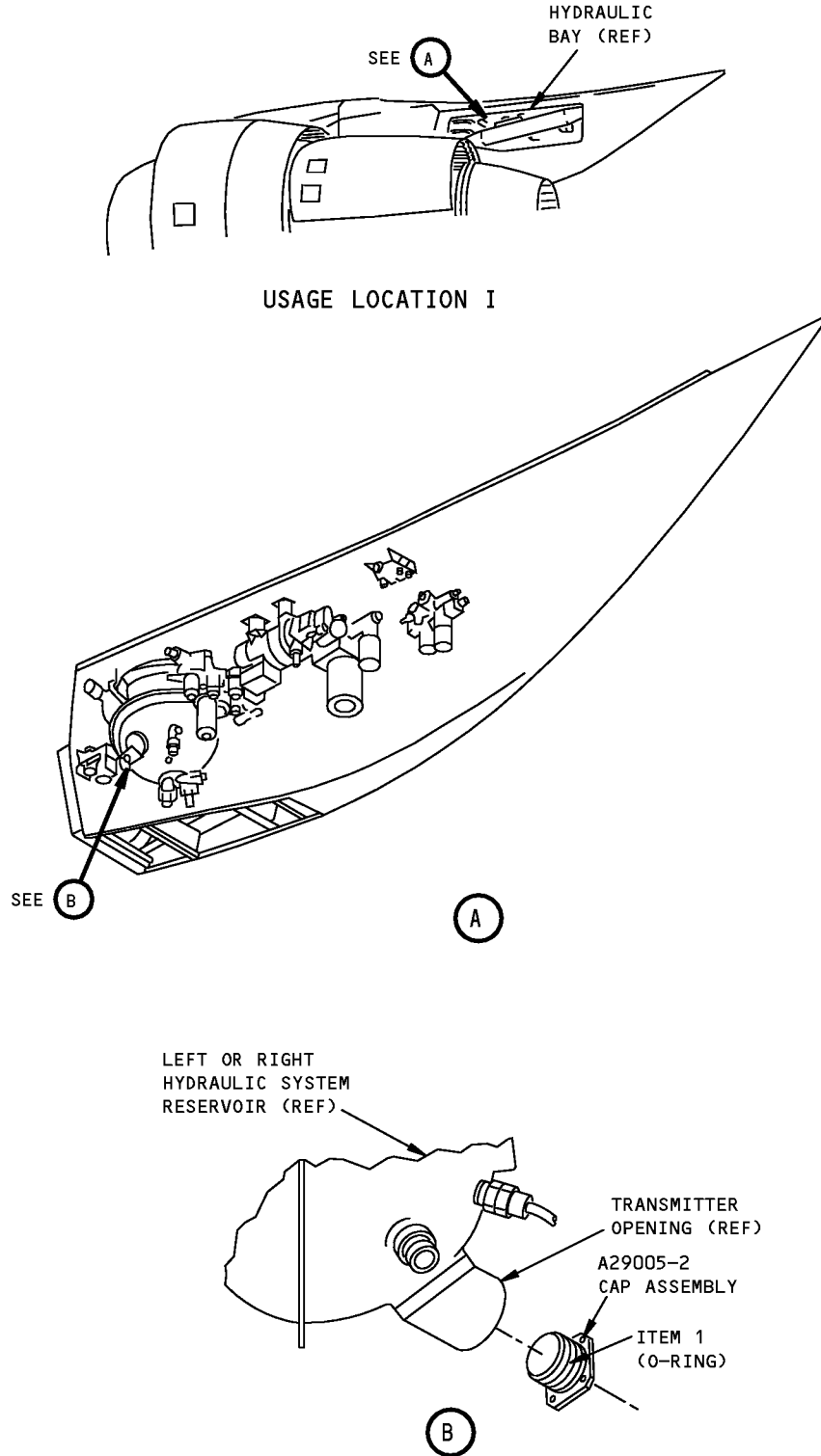
COMPONENT MAINTENANCE: YES

USAGE & DESCRIPTION: The A29005-1 cap is used during component maintenance on all 757 airplanes. A29005 is a machined steel plug that seals the hydraulic reservoir quantity transmitter during reservoir flushing. Refer to CMM 29-11-15 and 29-11-24 for complete usage instructions. A29005-1 consists of an A29005-2 cap assembly contained in a storage box.

WEIGHT: 2 lbs (0.9 kg)

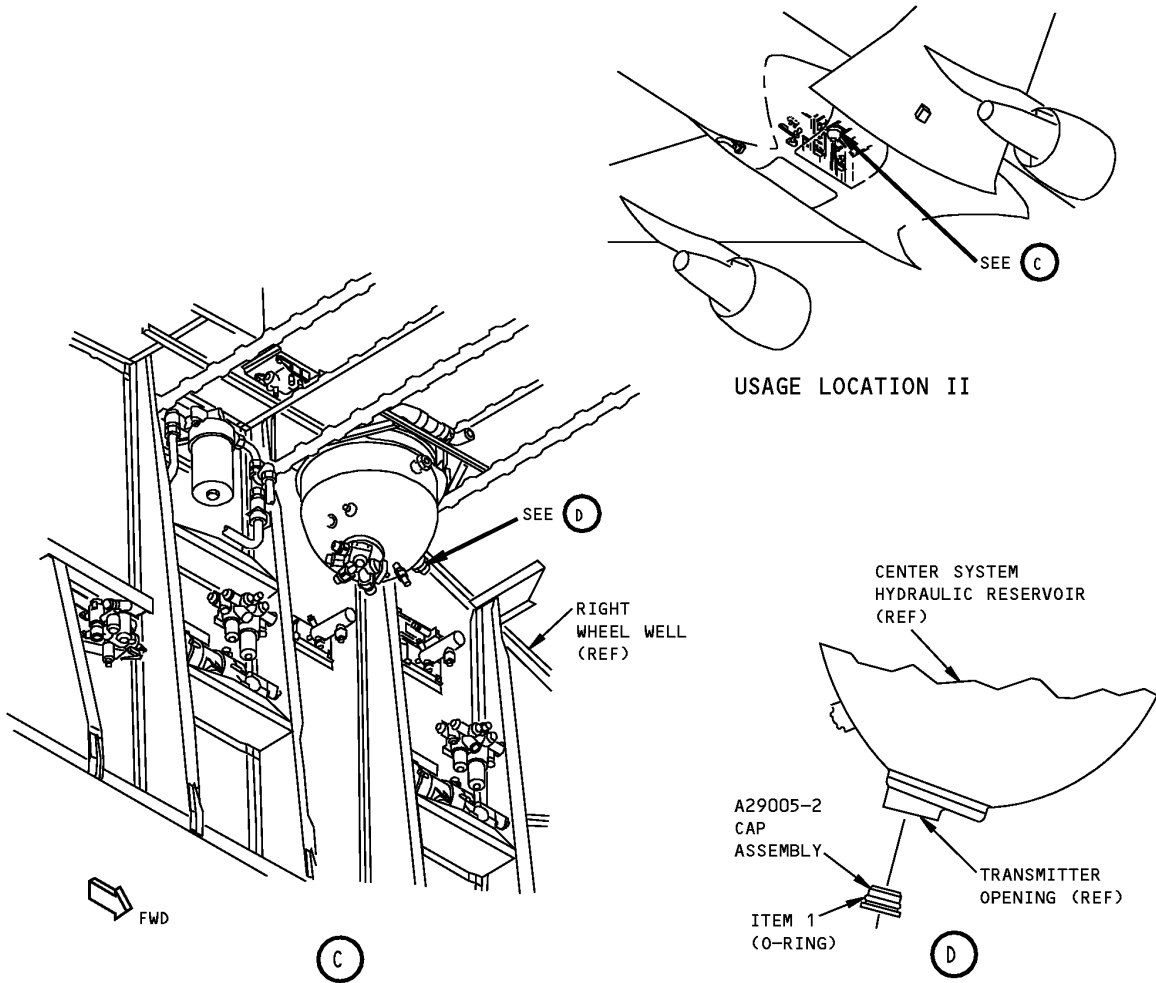
DIMENSIONS: 2 x 3 x 3 inches (51 x 76 x 76 mm)

**757
ILLUSTRATED TOOL AND EQUIPMENT MANUAL**



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

**757
ILLUSTRATED TOOL AND EQUIPMENT MANUAL**



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

REPAIRABLE/REPLACEABLE PARTS			
ITEM NO.	PART NO.	NOMENCLATURE	VENDOR CODE
1	2-224E515-80	O-RING	V17506



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ILLUSTRATED TOOL AND EQUIPMENT MANUAL

PART NUMBER: WAS-33662

NAME: WRENCH - ATTACH BOLTS, RAM AIR TURBINE (RAT) HUB

AIRPLANE MAINTENANCE: YES

COMPONENT MAINTENANCE: YES

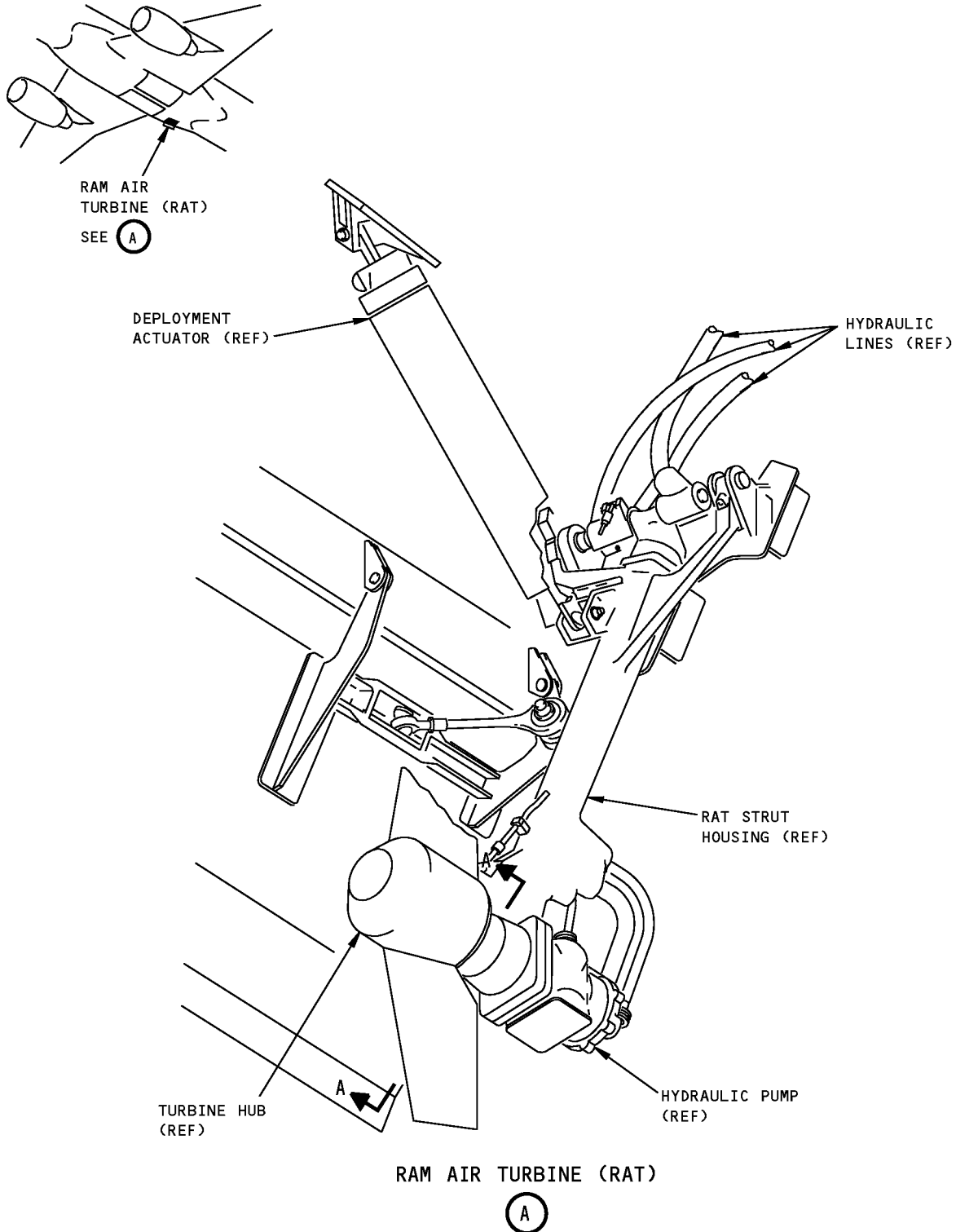
USAGE & DESCRIPTION: The WAS-33662 wrench is used on all 757 airplanes. WAS-33662 is used to remove, install and torque the screws mounting the bearing support to the turbine assembly. Refer to AMM 29-21-01 , CMM 29-21-01 and CMM 29-21-11 for complete usage instructions.

WAS-33662 is not a Boeing tool. WAS-33662 is a supplier proprietary item and can only be obtained from Sundstrand Aviation, Division of Sundstrand Corporation, 4747 Harrison Avenue, PO Box 7002, Rockford, Illinois 61101. Vendor Code: V99167

WEIGHT: 1 lb (0.45 kg)

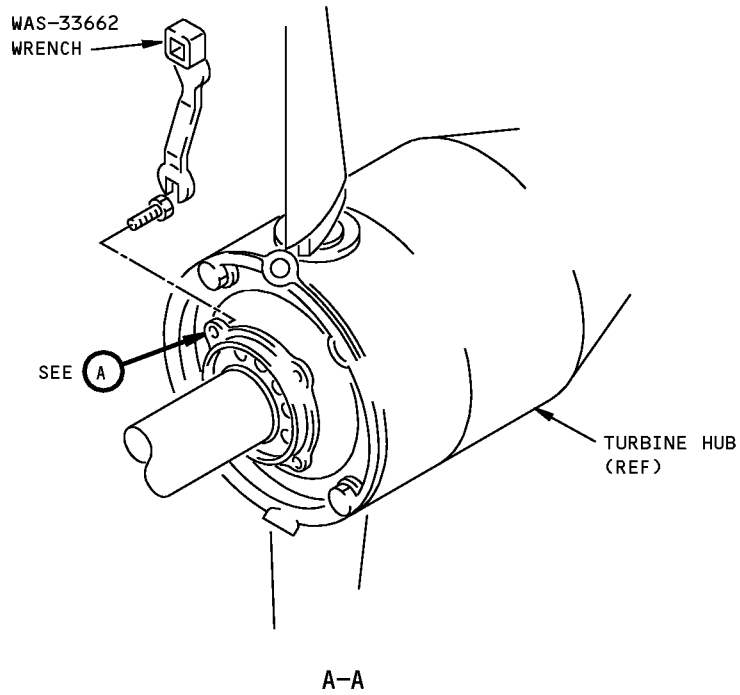
DIMENSIONS: 1 x 2 x 6 inches (25 x 51 x 152 mm)

ILLUSTRATED TOOL AND EQUIPMENT MANUAL



Ram Air Turbine (RAT) Hub Attach Bolts Wrench
Figure 1 (Sheet 1 of 2)

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ILLUSTRATED TOOL AND EQUIPMENT MANUAL



Ram Air Turbine (RAT) Hub Attach Bolts Wrench
Figure 1 (Sheet 2 of 2)



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ILLUSTRATED TOOL AND EQUIPMENT MANUAL

PART NUMBER: 732021

NAME: COVER - TURBINE BLADE, RAM AIR TURBINE (RAT)

AIRPLANE MAINTENANCE: YES

COMPONENT MAINTENANCE: YES

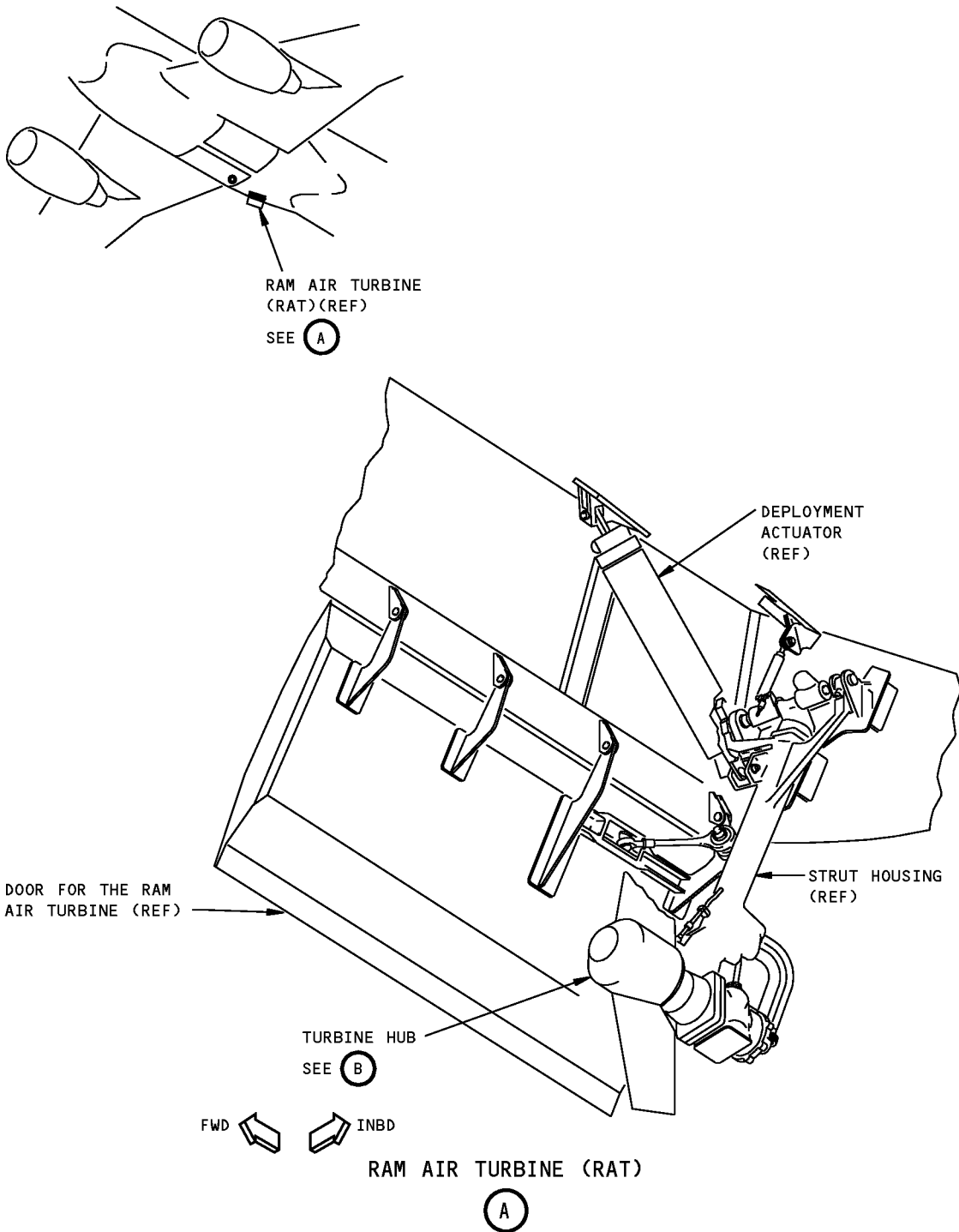
USAGE & DESCRIPTION: The 732021 cover is used on all 757 airplanes. 732021 is a pair of protective covers for the blades of the ram air turbine. 732021 is used to protect the turbine blades and personnel when the ram air turbine is being removed or installed. 732021 is used with a 734734 cover which protects the RAT hub. Refer to AMM 29-21-00, CMM 29-21-01 and CMM 29-21-11 for complete usage instructions.

732021 is not a Boeing tool. 732021 is a supplier proprietary item and can only be obtained from Sundstrand Aviation, Division of Sundstrand Corporation, 4747 Harrison Avenue, P.O. Box 7002, Rockford, Illinois 61101. Vendor Code: V99167.

WEIGHT: 1 lb (0.45 kg)

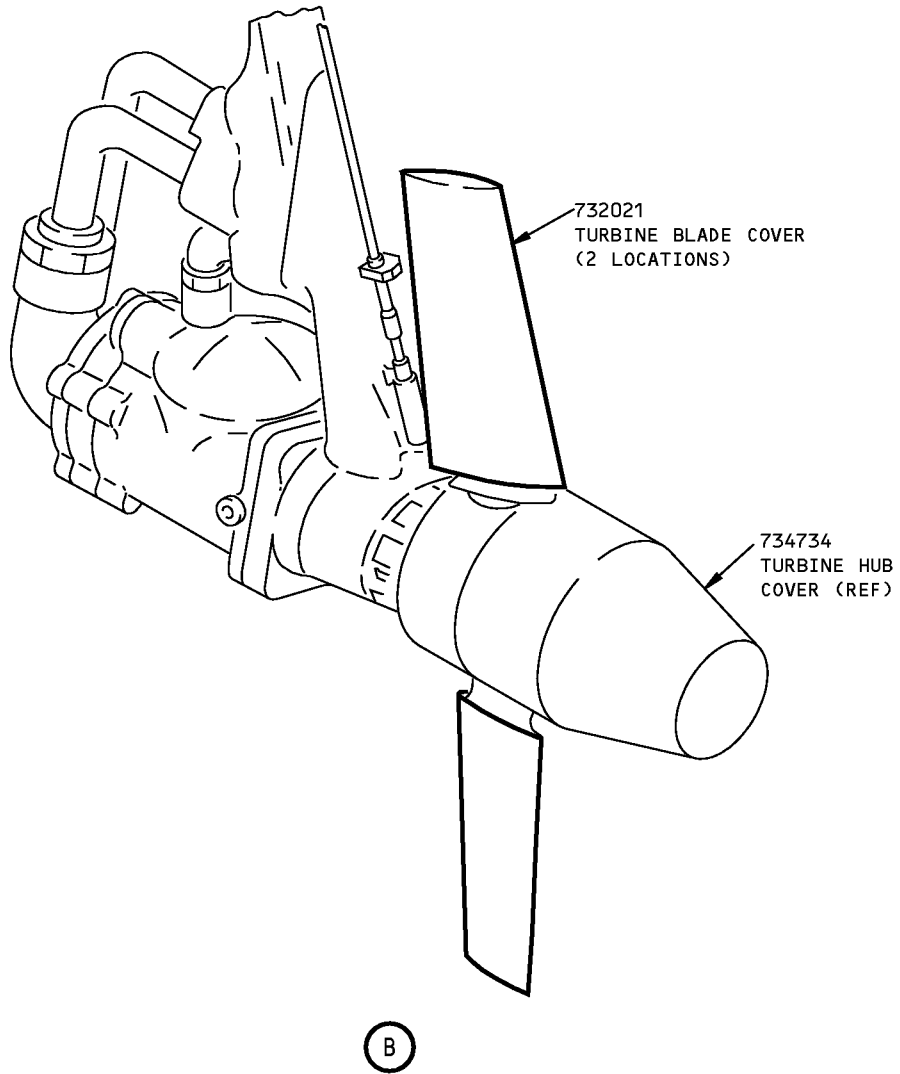
DIMENSIONS: 2 x 6 x 18 inches (51 x 152 x 457 mm)

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ILLUSTRATED TOOL AND EQUIPMENT MANUAL



RAT Turbine Blade Cover
Figure 1 (Sheet 1 of 2)

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ILLUSTRATED TOOL AND EQUIPMENT MANUAL



RAT Turbine Blade Cover
Figure 1 (Sheet 2 of 2)



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ILLUSTRATED TOOL AND EQUIPMENT MANUAL

PART NUMBER: 734734

NAME: PROTECTIVE COVER - RAM AIR TURBINE (RAT) HUB

AIRPLANE MAINTENANCE: NO

COMPONENT MAINTENANCE: YES

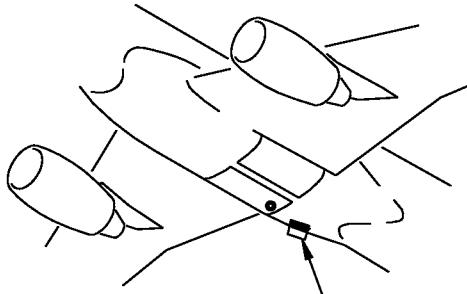
USAGE & DESCRIPTION: The 734734 cover is used during component maintenance on all 757 airplanes. 734734 protects the hub of the ram air turbine (RAT), during maintenance and shipping. 734734 is used along with the 732021 cover, which protects the blades of the ram air turbine. Refer to CMM 29-21-01 and CMM 29-21-11 for complete usage instructions.

734734 is not a Boeing tool. 734734 is a supplier proprietary item and can only be obtained from Sundstrand Aviation, Division of Sundstrand Corporation, 4747 Harrison Avenue, P.O. Box 7002, Rockford, Illinois 61101. Vendor Code: V99167.

WEIGHT: 1 lb (0.45 kg)

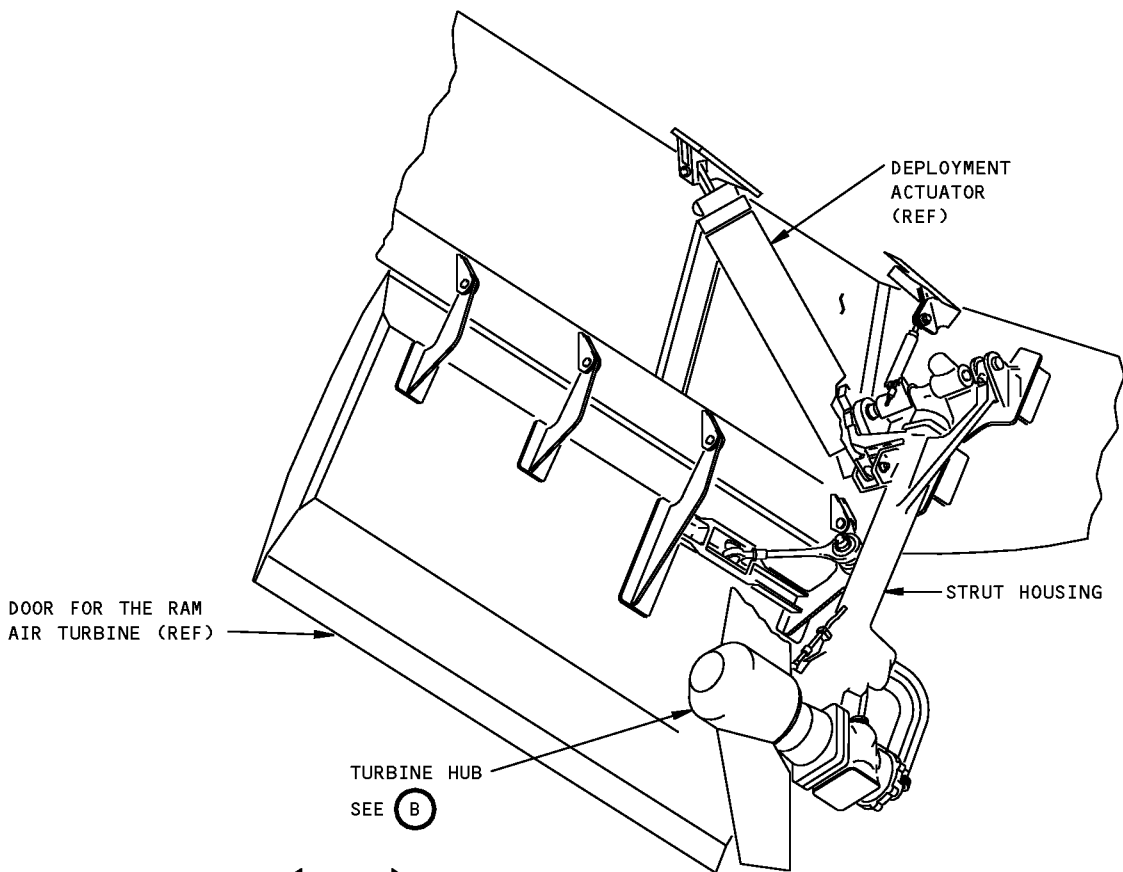
DIMENSIONS: 16 x 16 x 18 inches (406 x 406 x 457 mm)

ILLUSTRATED TOOL AND EQUIPMENT MANUAL



RAM AIR TURBINE
(RAT) (REF)

SEE (A)



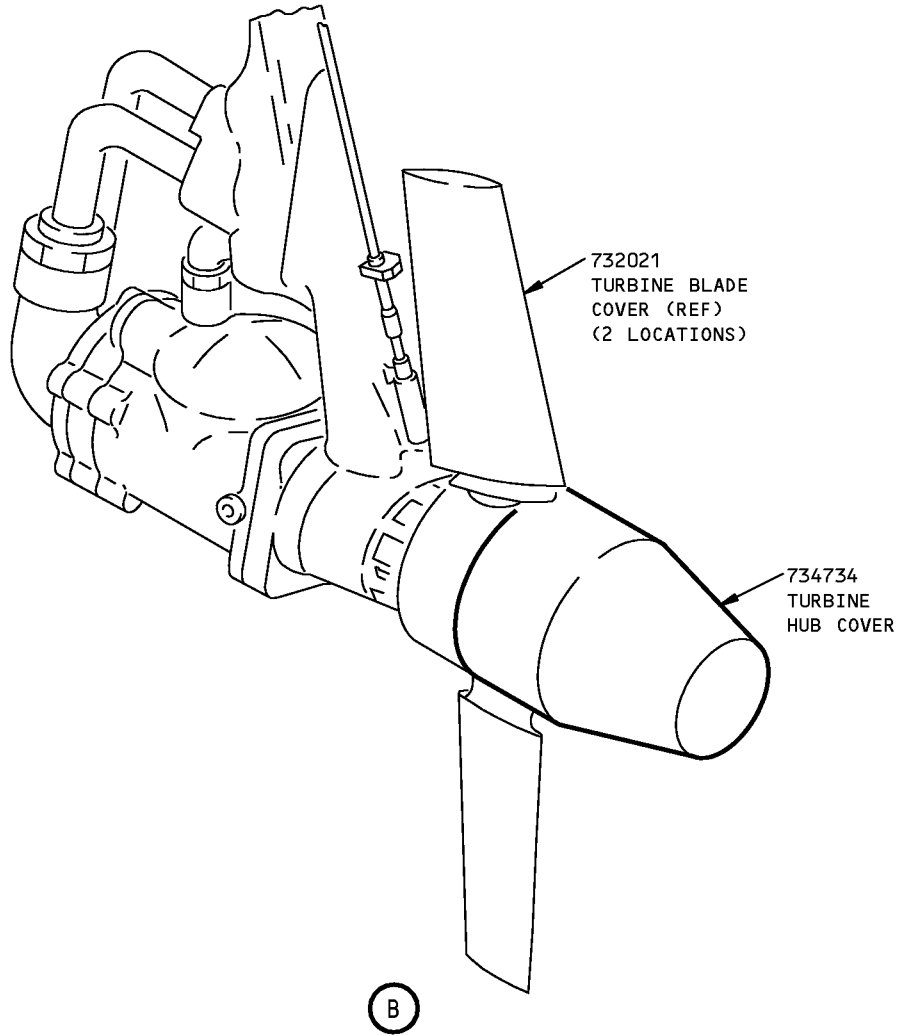
FWD INBD

RAM AIR TURBINE (RAT)

(A)

**RAT Hub Protective Cover
Figure 1 (Sheet 1 of 2)**

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ILLUSTRATED TOOL AND EQUIPMENT MANUAL



RAT Hub Protective Cover
Figure 1 (Sheet 2 of 2)



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ILLUSTRATED TOOL AND EQUIPMENT MANUAL

PART NUMBER: B29004-1

NAME: INSTALLATION TOOL - CONNECTOR RETAINER MANIFOLD

AIRPLANE MAINTENANCE: NO

COMPONENT MAINTENANCE: YES

USAGE & DESCRIPTION: The B29004-1 installation tool is used during component maintenance on all 757 airplanes.

B29004 is used to install electrical connector retainers in 271N1012 and 271N1013 ram air turbine safety valve module assemblies. Refer to CMM 29-21-21 for complete usage instructions.

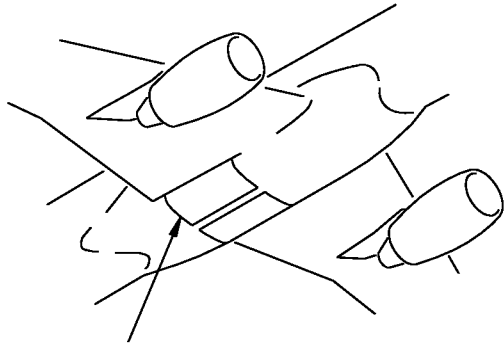
B29004 is also used to install electrical connector retainers in 273N4034, 273N4041 and 273N4171 door release interlock actuator assemblies. Refer to CMM 32-32-17 for complete usage instructions.

B29004-1 consists of a B29004-2 tool assembly contained in a storage box.

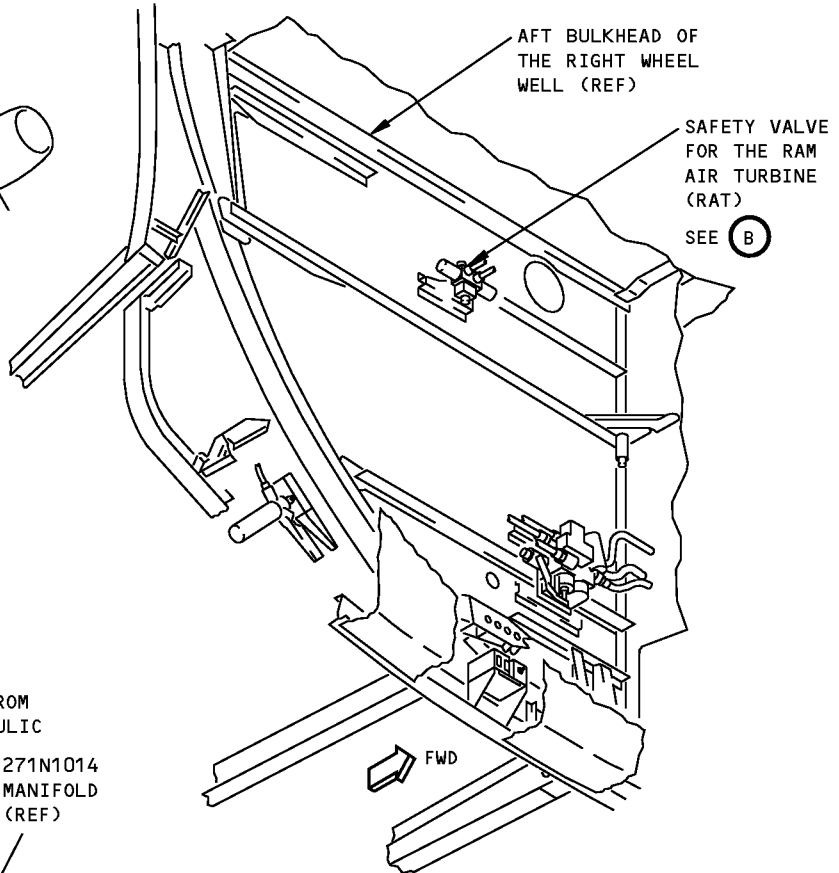
WEIGHT: 2 lbs (0.9 kg)

DIMENSIONS: 1 (dia) x 4 inches (25 (dia) x 102 mm)

ILLUSTRATED TOOL AND EQUIPMENT MANUAL



271N1013 OR 271N1013
RAM AIR TURBINE (RAT)
SAFETY VALVE MODULE
ASSEMBLY
AFT BULKHEAD OF THE
RIGHT WHEEL WELL (REF)
SEE (A)

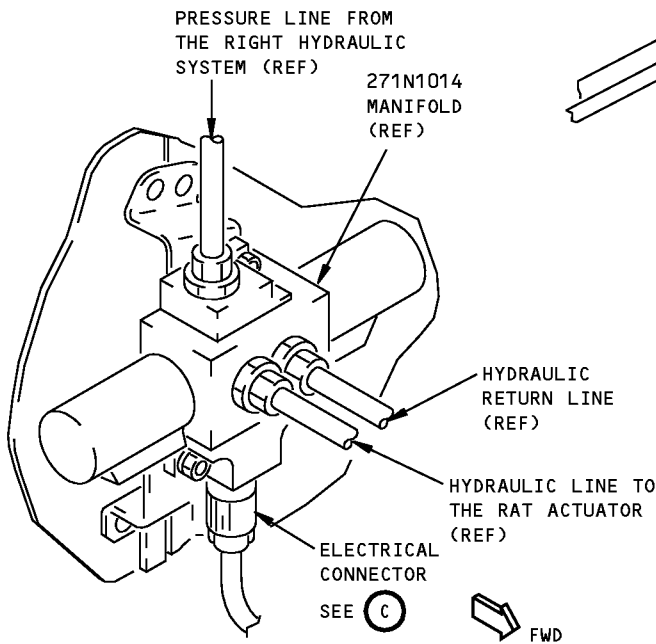


AFT BULKHEAD OF
THE RIGHT WHEEL
WELL (REF)

SAFETY VALVE
FOR THE RAM
AIR TURBINE
(RAT)
SEE (B)

FWD

AFT BULKHEAD OF THE
RIGHT WHEEL WELL
(A)



PRESSURE LINE FROM
THE RIGHT HYDRAULIC
SYSTEM (REF)

271N1014
MANIFOLD
(REF)

HYDRAULIC
RETURN LINE
(REF)

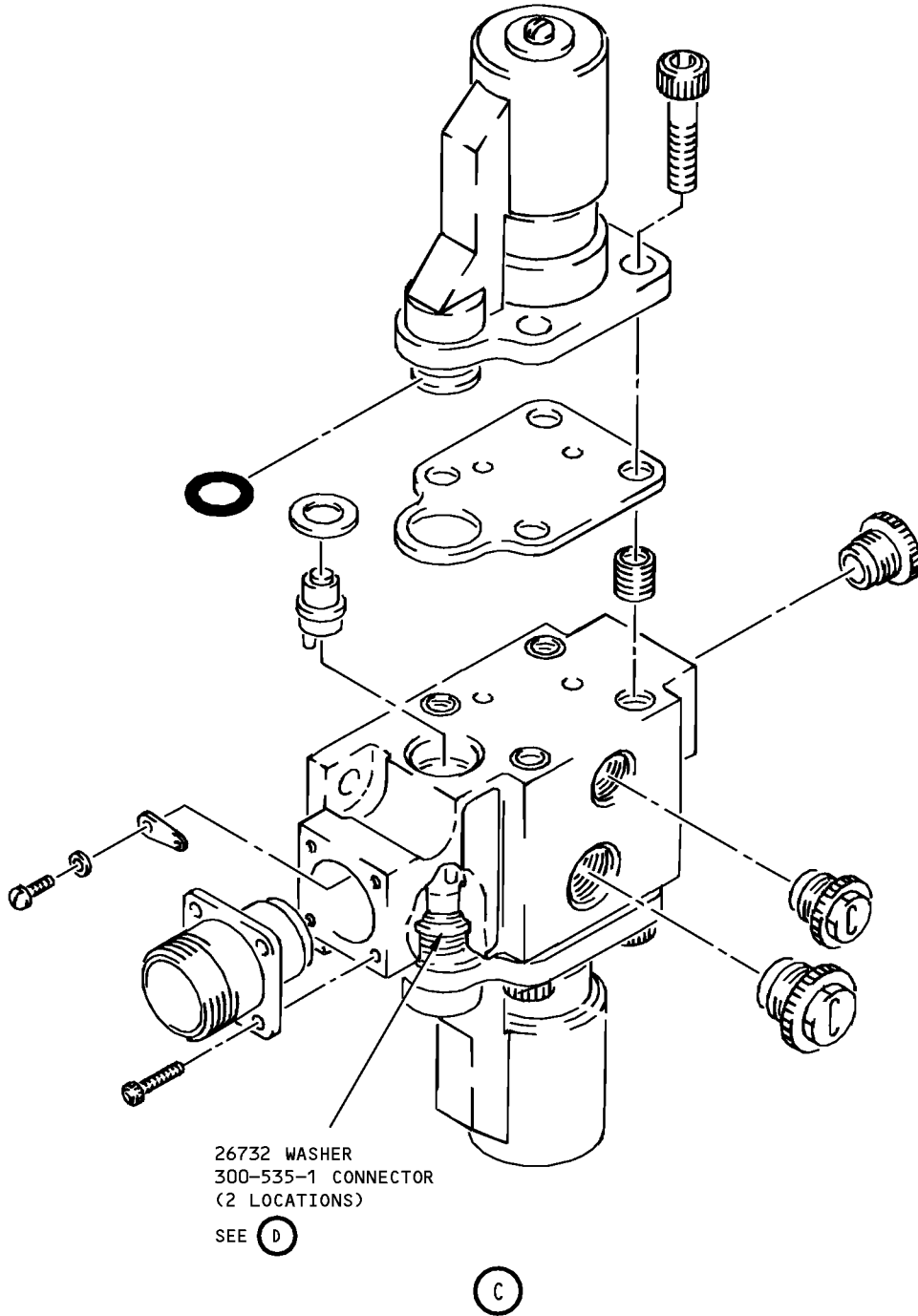
HYDRAULIC LINE TO
THE RAT ACTUATOR
(REF)

ELECTRICAL
CONNECTOR
SEE (C)

FWD

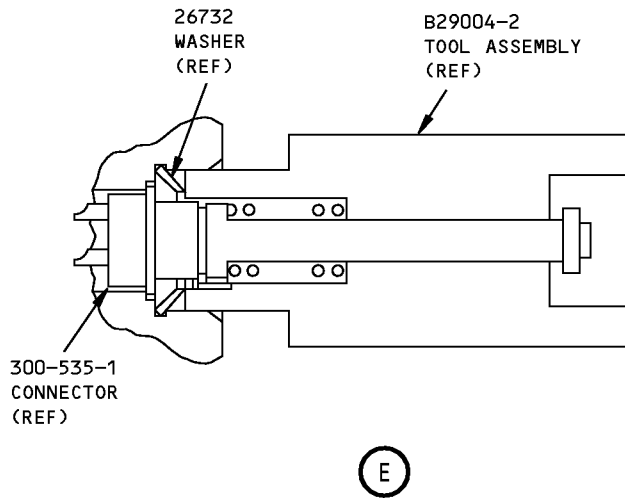
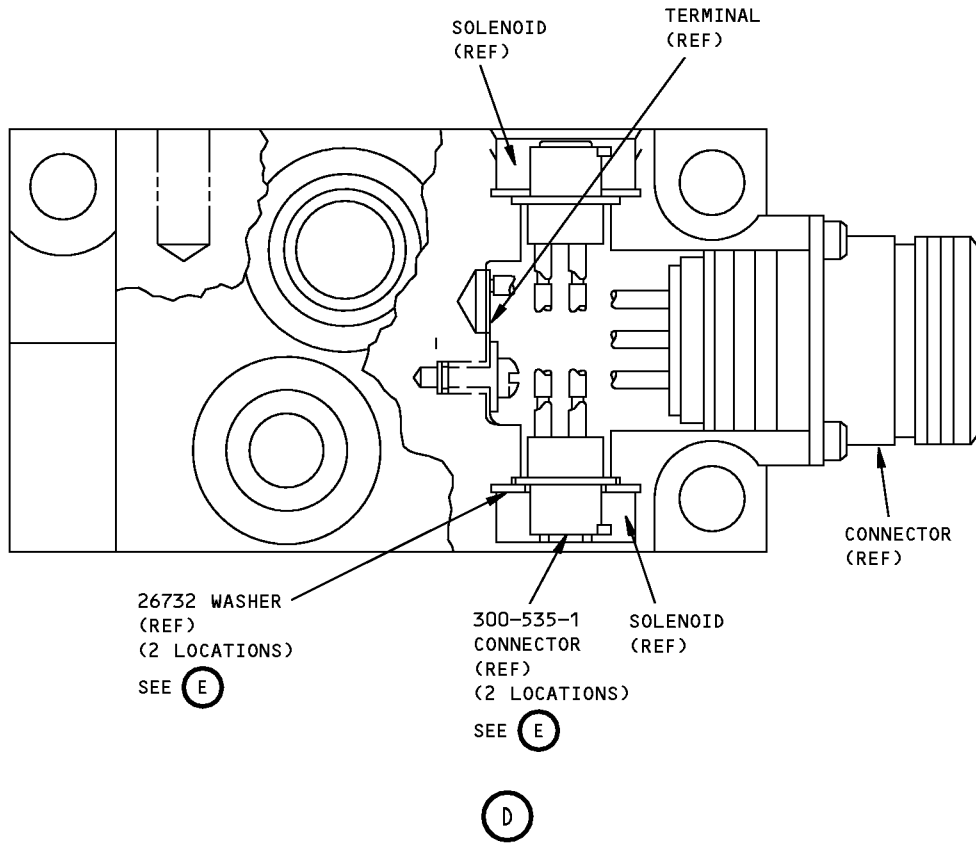
SAFETY VALVE
(B)

**Connector Retainer Manifold Installation Tool (271N1012 RAT Safety Valve Usage)
Figure 1 (Sheet 1 of 3)**



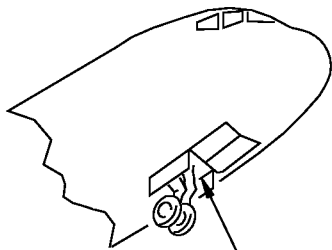
Connector Retainer Manifold Installation Tool (271N1012 RAT Safety Valve Usage)
Figure 1 (Sheet 2 of 3)

**757
ILLUSTRATED TOOL AND EQUIPMENT MANUAL**

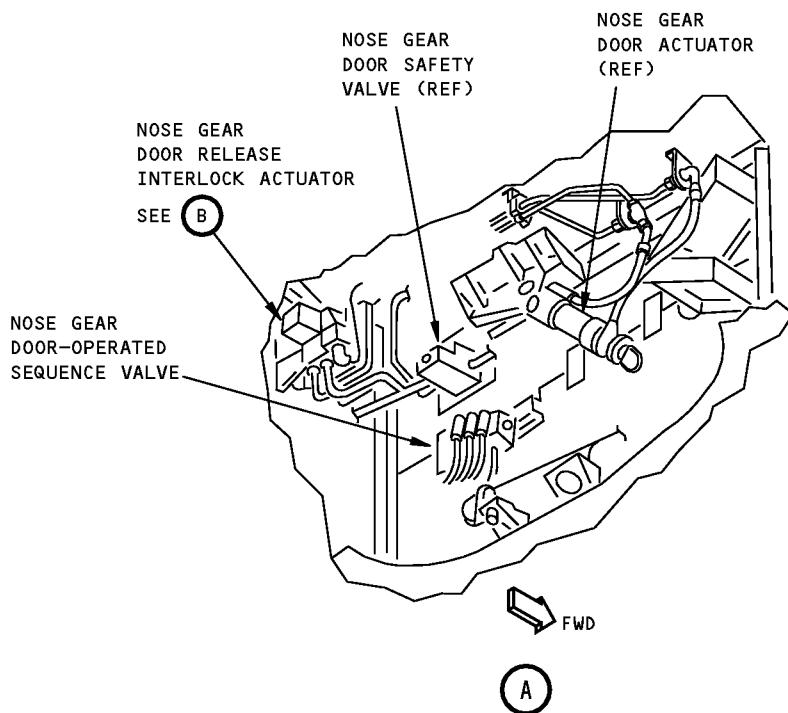


**Connector Retainer Manifold Installation Tool (271N1012 RAT Safety Valve Usage)
Figure 1 (Sheet 3 of 3)**

ILLUSTRATED TOOL AND EQUIPMENT MANUAL

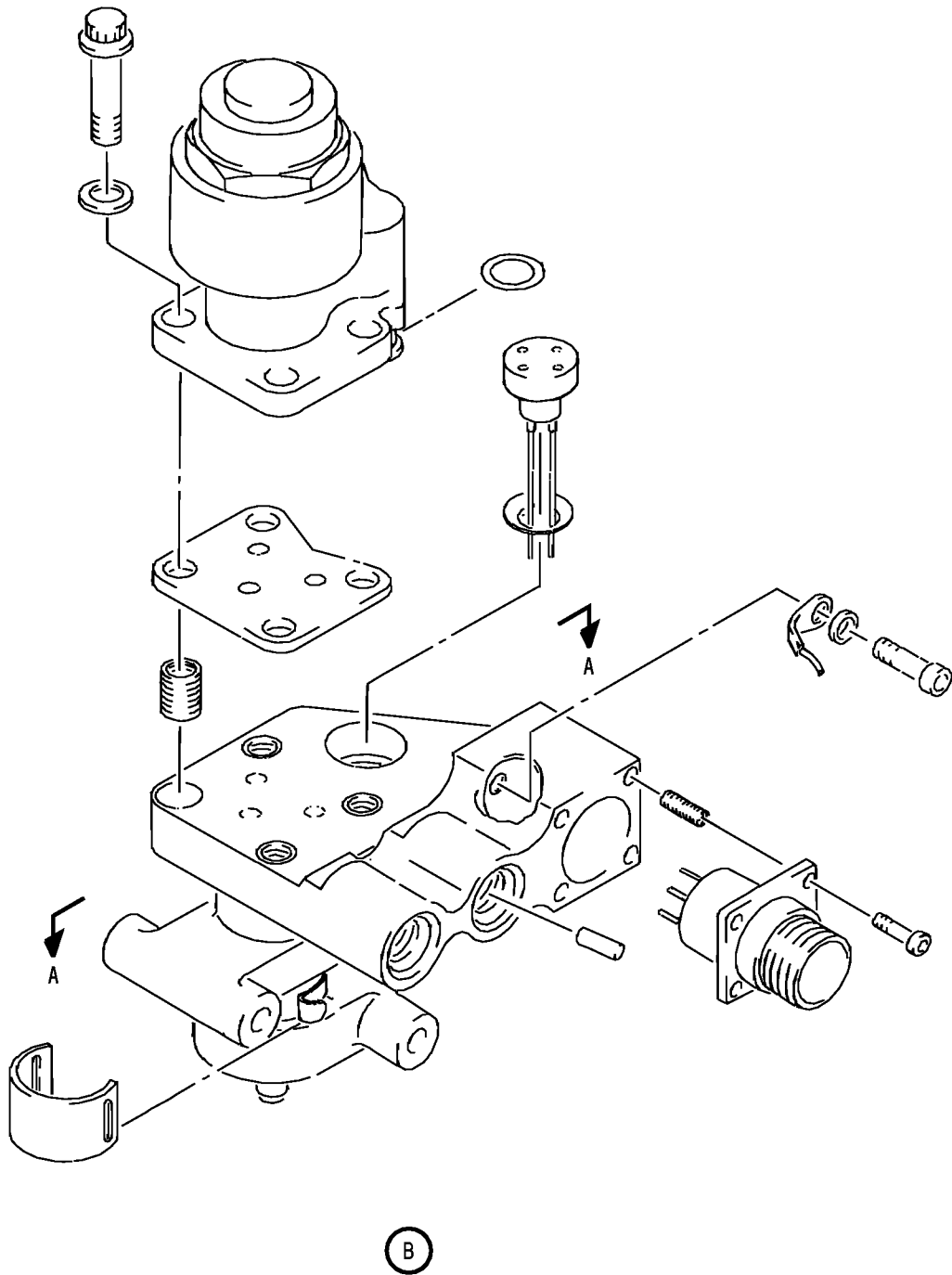


273N4034, 273N4041
OR 273N4171
DOOR RELEASE
INTERLOCK ACTUATOR
ASSEMBLIES
NOSE WHEEL WELL
SEE (A)



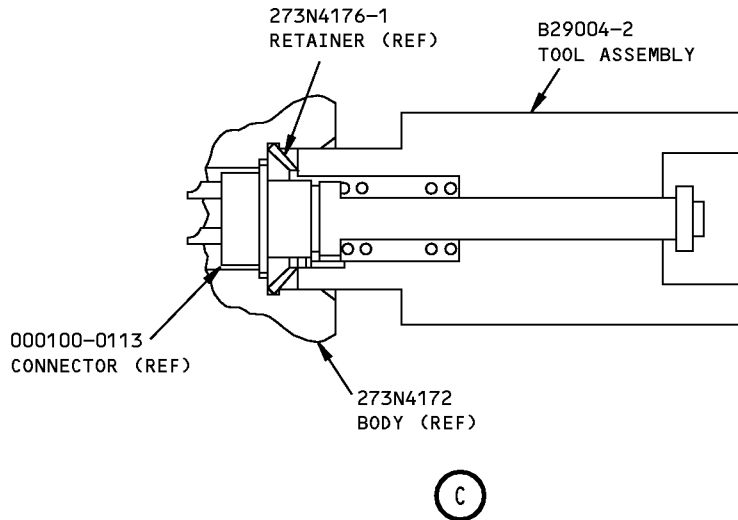
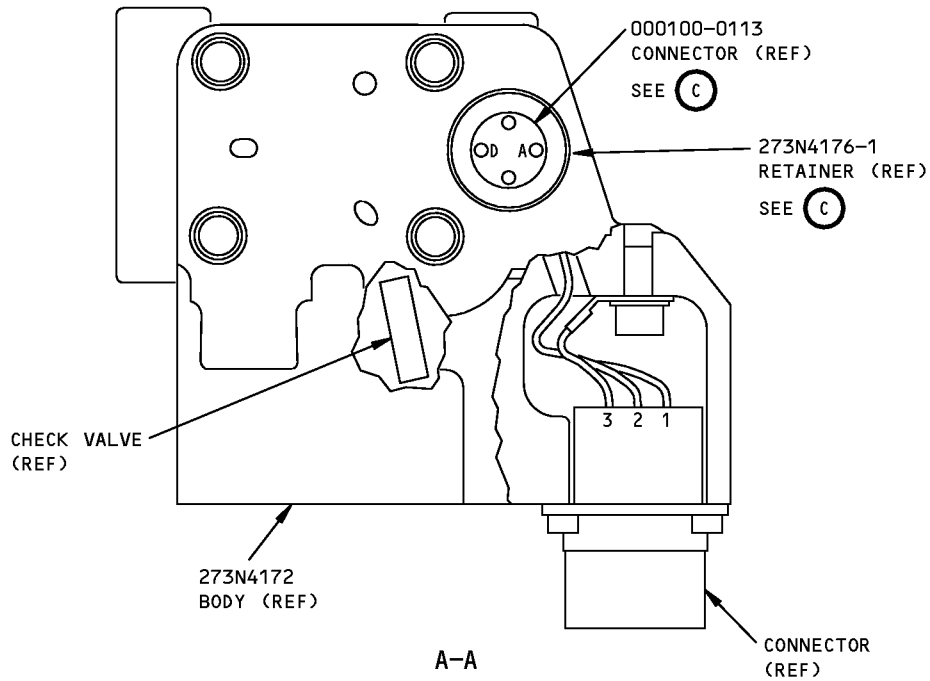
**Connector Retainer Manifold Installation Tool (273N4034 Door Release Interlock Actuator Usage)
Figure 2 (Sheet 1 of 3)**

**757
ILLUSTRATED TOOL AND EQUIPMENT MANUAL**



**Connector Retainer Manifold Installation Tool (273N4034 Door Release Interlock Actuator Usage)
Figure 2 (Sheet 2 of 3)**

**757
ILLUSTRATED TOOL AND EQUIPMENT MANUAL**



**Connector Retainer Manifold Installation Tool (273N4034 Door Release Interlock Actuator Usage)
Figure 2 (Sheet 3 of 3)**



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ILLUSTRATED TOOL AND EQUIPMENT MANUAL

PART NUMBER: AKS-36331

NAME: CRIMPING TOOL

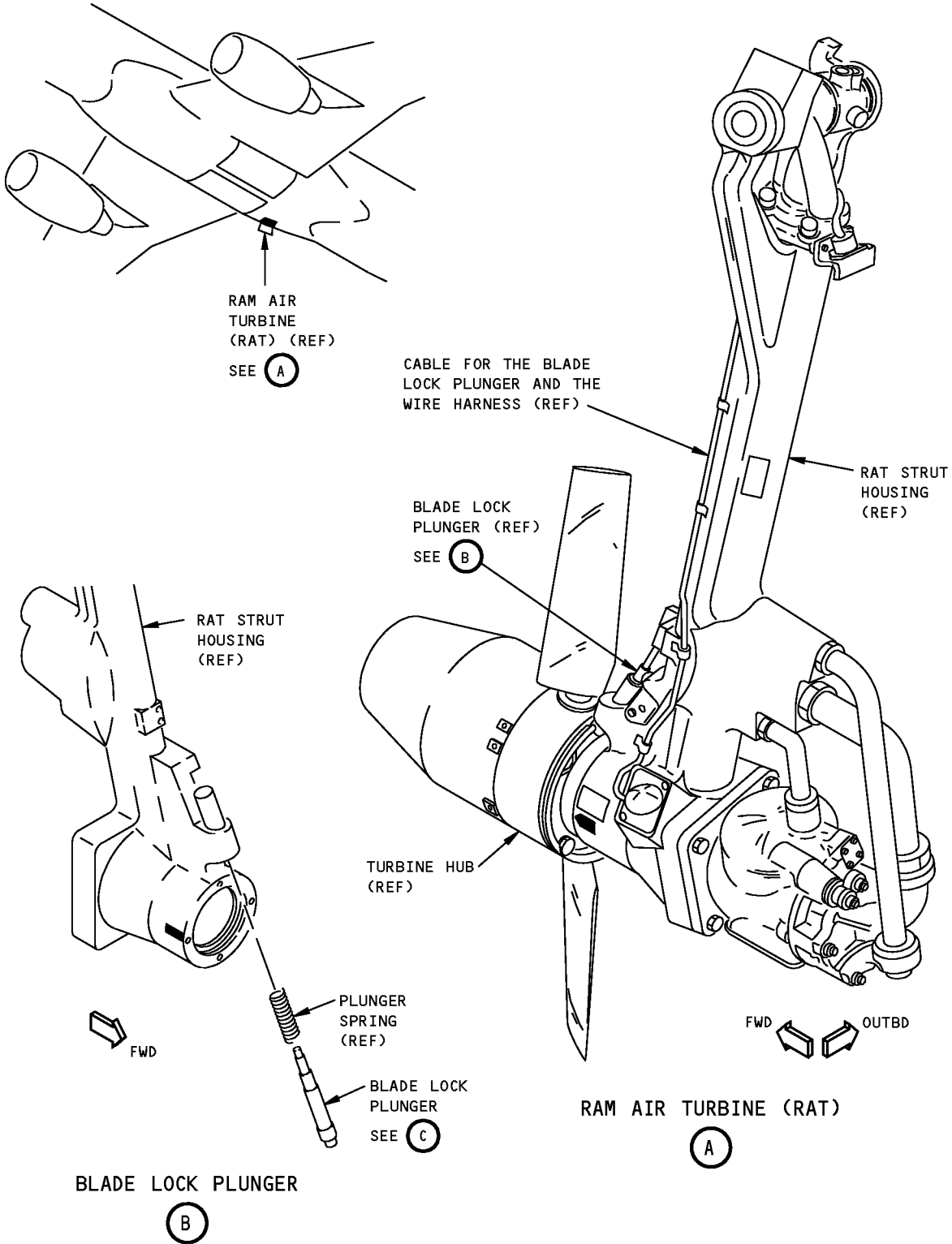
AIRPLANE MAINTENANCE: YES

COMPONENT MAINTENANCE: YES

USAGE & DESCRIPTION: The AKS-36331 crimping tool is used on all 757 airplanes. AKS-36331 is used to crimp a cup washer on the blade lock plunger of the ram air turbine (RAT). Refer to AMM 29-21-19, CMM 29-21-01 and CMM 29-21-11 for complete usage instructions.

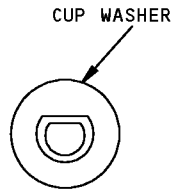
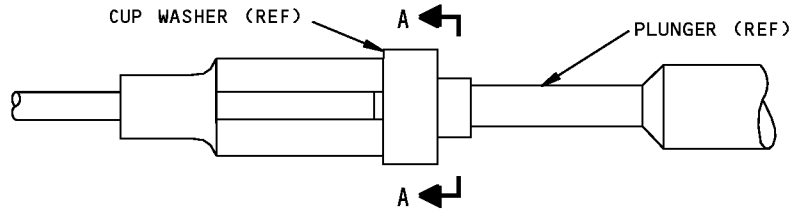
AKS-36331 is not a Boeing tool. 732021 is a supplier proprietary item and can only be obtained from Sundstrand Aviation, Division of Sundstrand Corporation, 4747 Harrison Avenue, PO Box 7002, Rockford, Illinois 61101. Vendor Code: V99167.

ILLUSTRATED TOOL AND EQUIPMENT MANUAL

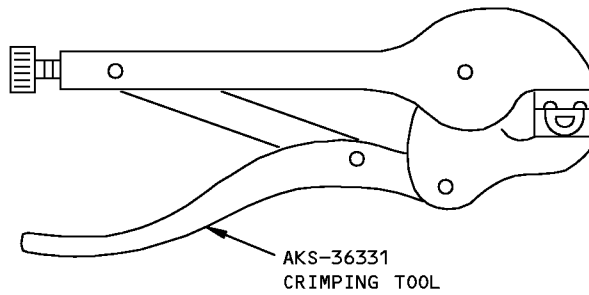


**Crimping Tool
Figure 1 (Sheet 1 of 2)**

**757
ILLUSTRATED TOOL AND EQUIPMENT MANUAL**



A-A



**Crimping Tool
Figure 1 (Sheet 2 of 2)**



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ILLUSTRATED TOOL AND EQUIPMENT MANUAL

PART NUMBER: BLS-34529

NAME: ASSEMBLY BULLET

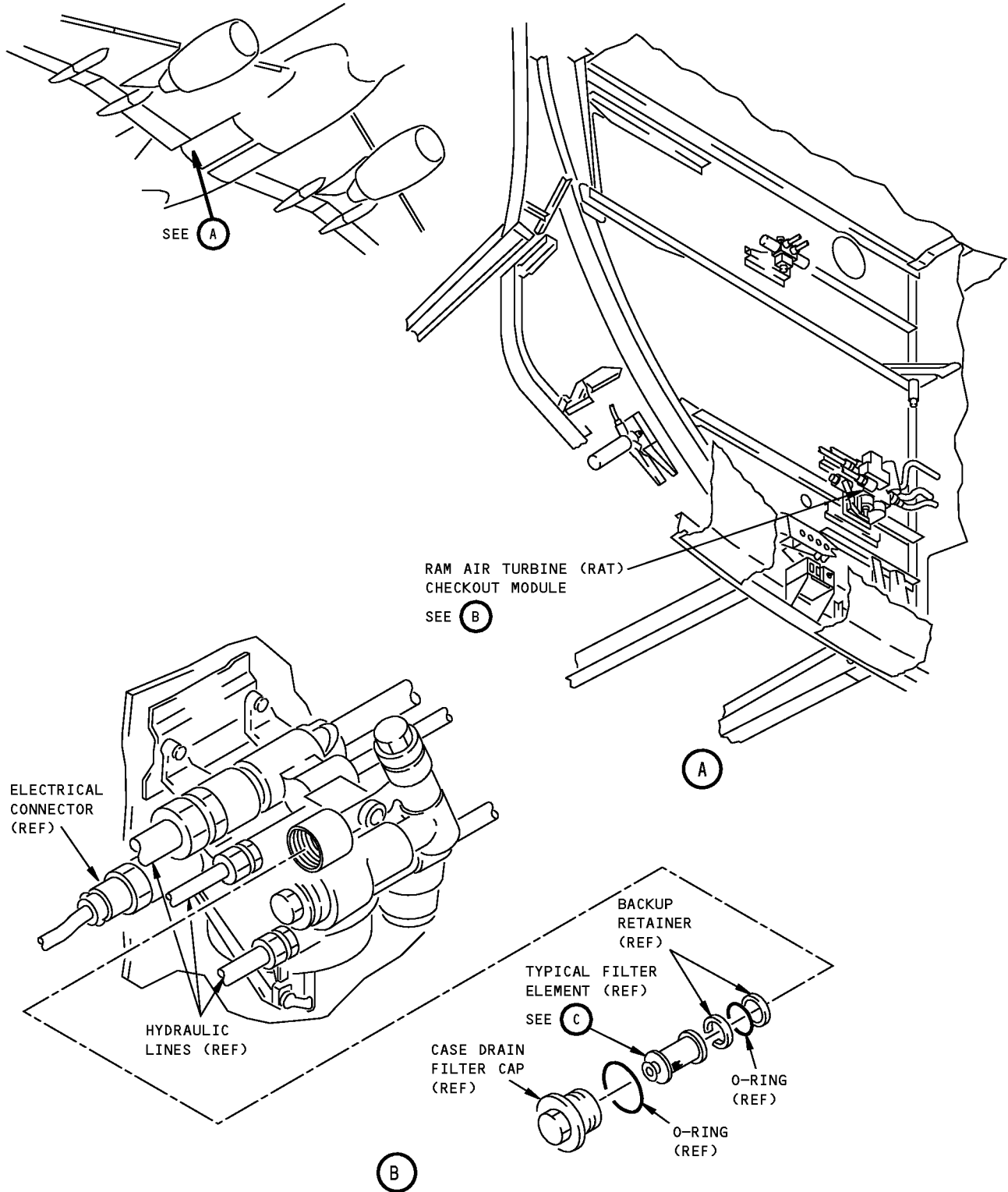
AIRPLANE MAINTENANCE: YES

COMPONENT MAINTENANCE: YES

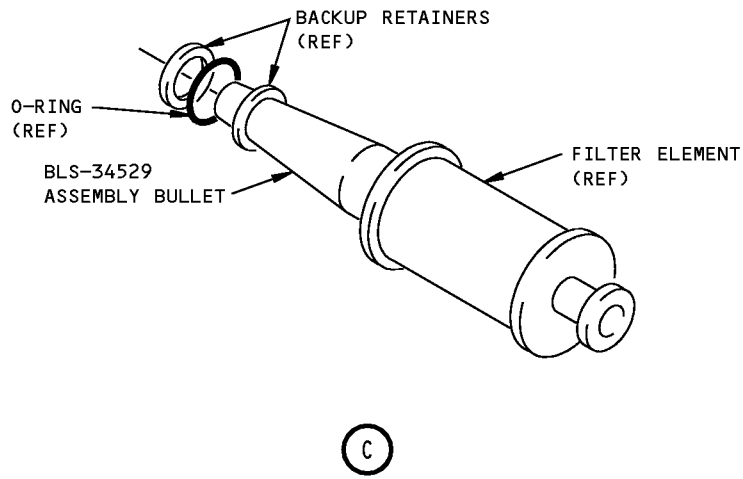
USAGE & DESCRIPTION: The BLS-34529 assembly bullet is used on all 757 airplanes. BLS-34529 is used to install the O-ring and backup retainers on the 59758 filter element of the ram air turbine checkout module. Refer to AMM 29-21-11 and CMM 29-21-12 for complete usage instructions.

BLS-34529 is not a Boeing tool. BLS-34529 is a supplier proprietary item and can only be obtained from Sundstrand Aviation, Division of Sundstrand Corporation, 4747 Harrison Avenue, PO Box 7002, Rockford, Illinois 61101. Vendor Code: V99167.

ILLUSTRATED TOOL AND EQUIPMENT MANUAL



**Assembly Bullet
Figure 1 (Sheet 1 of 2)**



Assembly Bullet
Figure 1 (Sheet 2 of 2)



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ILLUSTRATED TOOL AND EQUIPMENT MANUAL

PART NUMBER: BLS-34533

NAME: ASSEMBLY BULLET

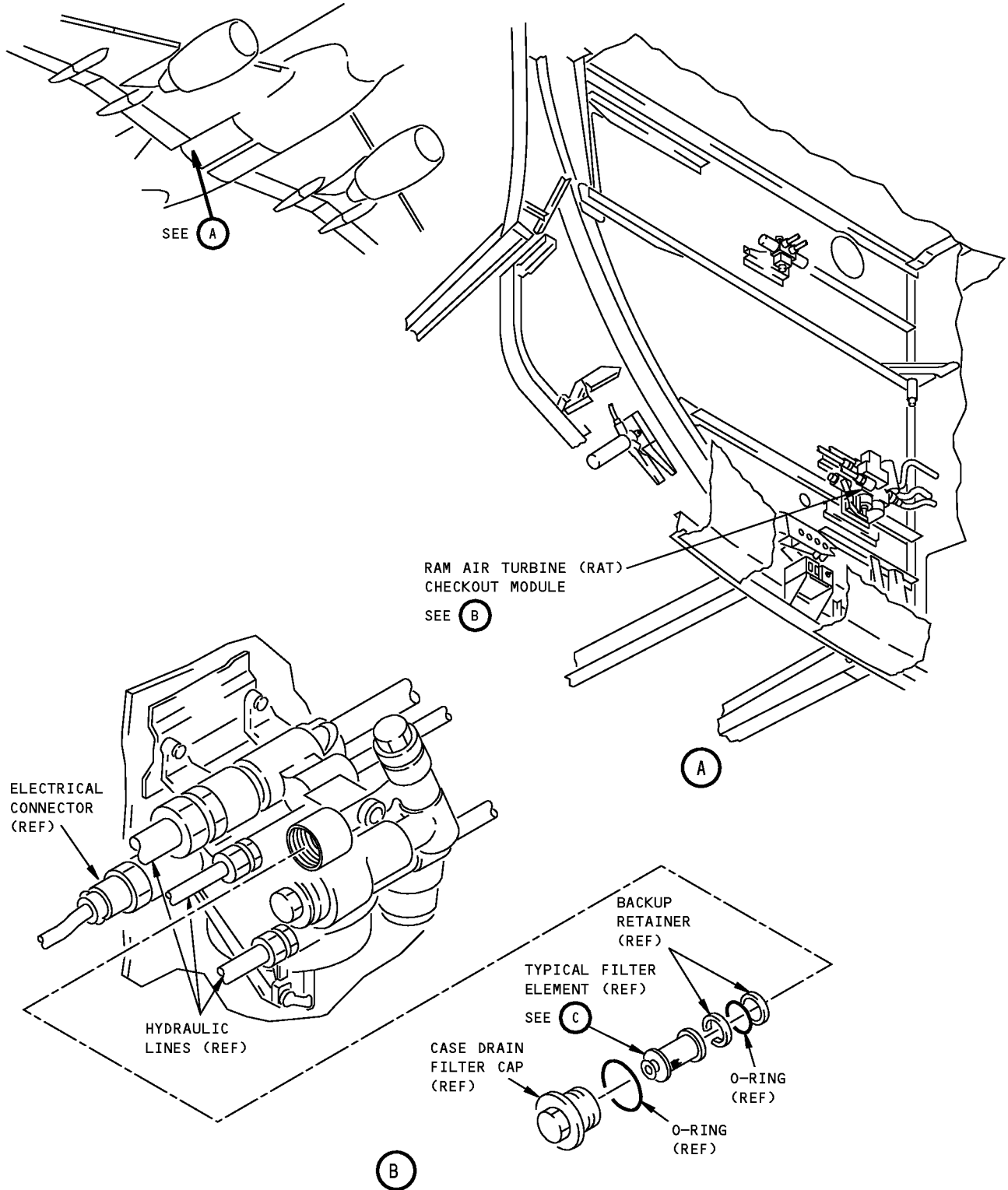
AIRPLANE MAINTENANCE: YES

COMPONENT MAINTENANCE: YES

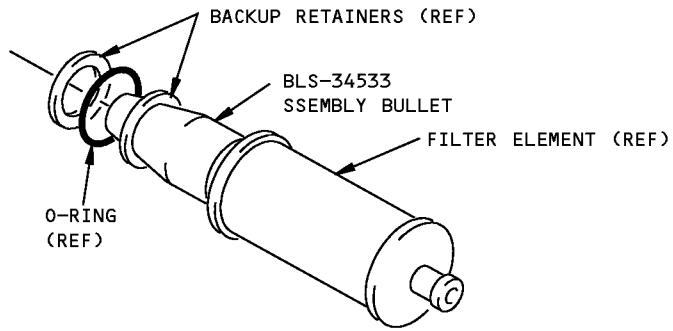
USAGE & DESCRIPTION: The BLS-34533 assembly bullet is used on all 757 airplanes. BLS-34533 is used to install the O-ring and backup retainers on the 59756 filter element of the ram air turbine checkout module. Refer to AMM 29-21-11 and CMM 29-21-12 for complete usage instructions.

BLS-34533 is not a Boeing tool. BLS-34533 is a supplier proprietary item and can only be obtained from Sundstrand Aviation, Division of Sundstrand Corporation, 4747 Harrison Avenue, PO Box 7002, Rockford, Illinois 61101. Vendor Code: V99167.

ILLUSTRATED TOOL AND EQUIPMENT MANUAL



**Assembly Bullet
Figure 1 (Sheet 1 of 2)**



(C)

Assembly Bullet
Figure 1 (Sheet 2 of 2)



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ILLUSTRATED TOOL AND EQUIPMENT MANUAL

PART NUMBER: DAS-34530

NAME: SIZING DIE

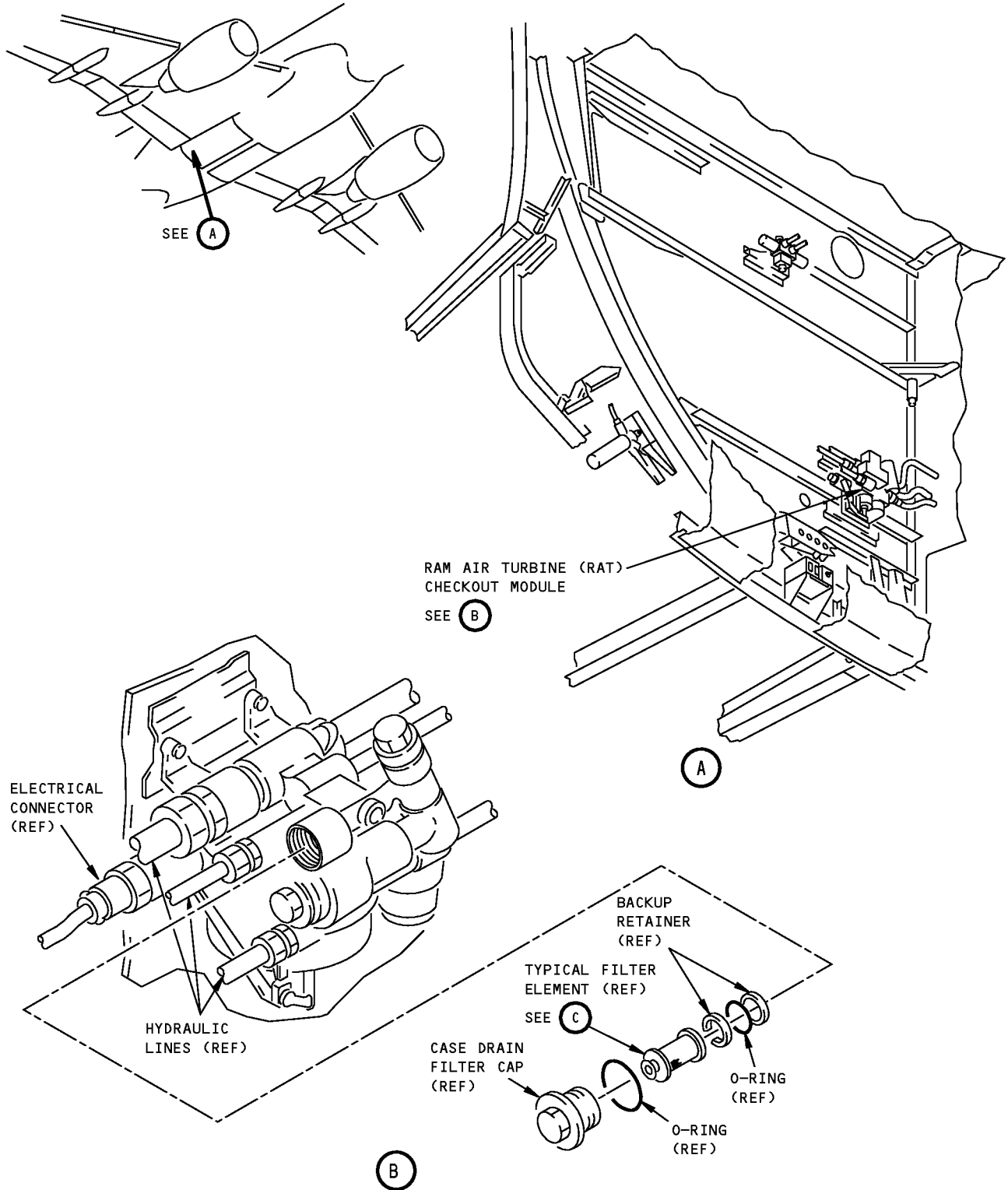
AIRPLANE MAINTENANCE: YES

COMPONENT MAINTENANCE: YES

USAGE & DESCRIPTION: The DAS-34530 sizing die is used on all 757 airplanes. DAS-34530 is used to size the backup retainers on the 59758 filter element of the ram air turbine checkout module. Refer to AMM 29-21-11 and CMM 29-21-12 for complete usage instructions.

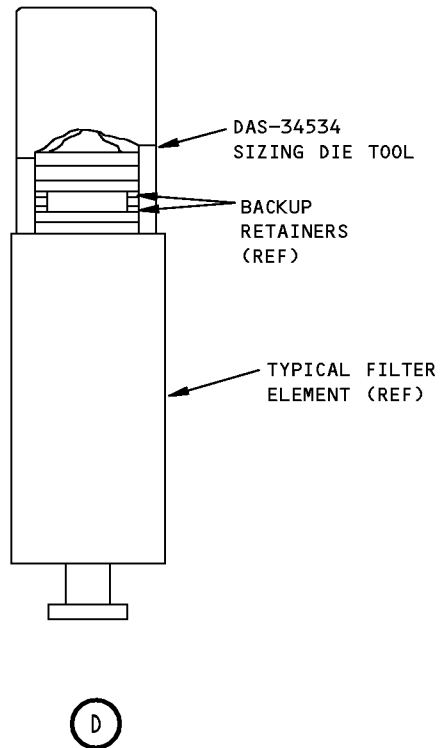
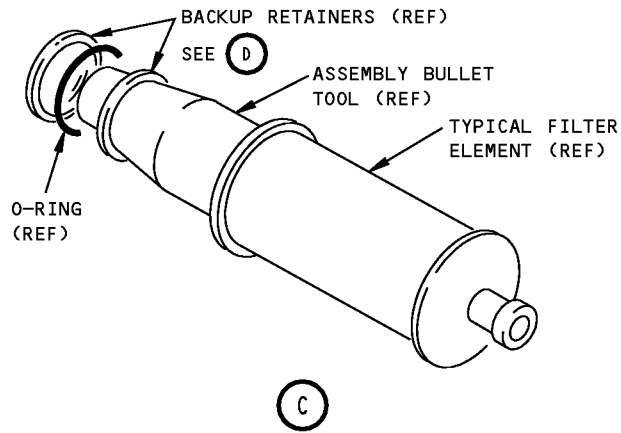
DAS-34530 is not a Boeing tool. DAS-34530 is a supplier proprietary item and can only be obtained from Sundstrand Aviation, Division of Sundstrand Corporation, 4747 Harrison Avenue, PO Box 7002, Rockford, Illinois 61101. Vendor Code: V99167.

ILLUSTRATED TOOL AND EQUIPMENT MANUAL



Sizing Die
Figure 1 (Sheet 1 of 2)

ILLUSTRATED TOOL AND EQUIPMENT MANUAL



Sizing Die
Figure 1 (Sheet 2 of 2)



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ILLUSTRATED TOOL AND EQUIPMENT MANUAL

PART NUMBER: DAS-34534

NAME: SIZING DIE

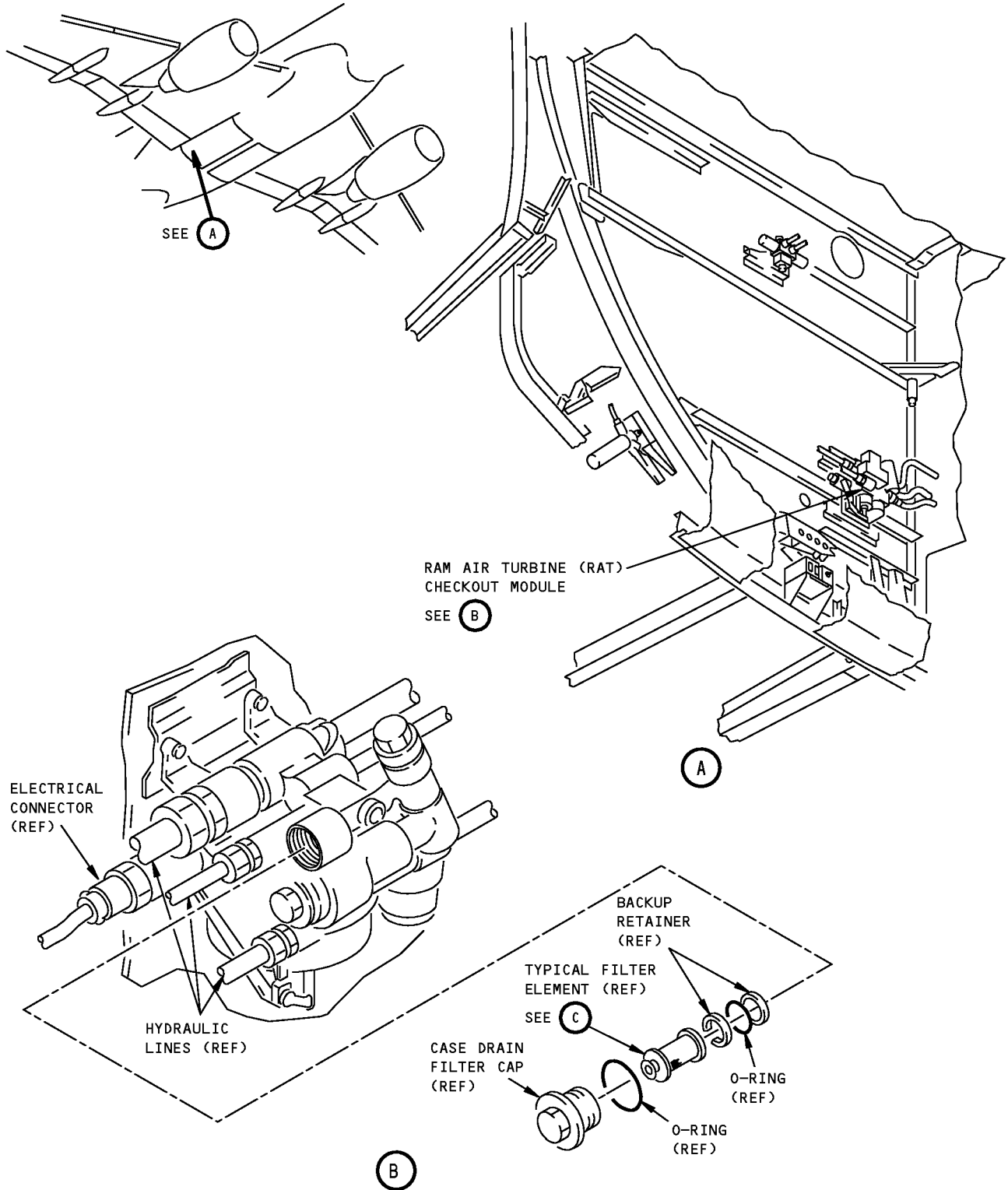
AIRPLANE MAINTENANCE: YES

COMPONENT MAINTENANCE: YES

USAGE & DESCRIPTION: The DAS-34534 sizing die is used on all 757 airplanes. DAS-34534 is used to size the backup retainers on the 59756 filter element of the ram air turbine checkout module. Refer to AMM 29-21-11 and CMM 29-21-12 for complete usage instructions.

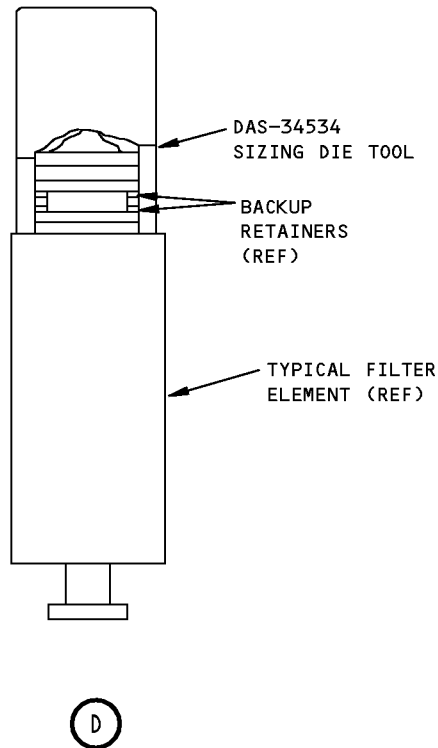
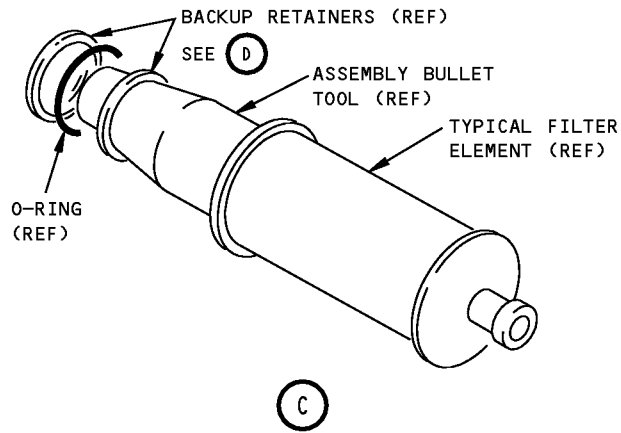
DAS-34534 is not a Boeing tool. DAS-34534 is a supplier proprietary item and can only be obtained from Sundstrand Aviation, Division of Sundstrand Corporation, 4747 Harrison Avenue, PO Box 7002, Rockford, Illinois 61101. Vendor Code: V99167.

ILLUSTRATED TOOL AND EQUIPMENT MANUAL



Sizing Die
Figure 1 (Sheet 1 of 2)

ILLUSTRATED TOOL AND EQUIPMENT MANUAL



**Sizing Die
Figure 1 (Sheet 2 of 2)**



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ILLUSTRATED TOOL AND EQUIPMENT MANUAL

PART NUMBER: B29001-23, -46

NAME: SCREEN EQUIPMENT - RAM AIR TURBINE

AIRPLANE MAINTENANCE: YES

COMPONENT MAINTENANCE: NO

USAGE & DESCRIPTION: The B29001-23 and -46 screen equipment are used on all 757 airplanes.

The B29001-46 ram air turbine (RAT) screen equipment is designed to be used with customer-furnished jacks, either a Hein-Werner Model 74, a Blackhawk Model 67554 or a Boeing A71015 lift fixture.

The B29001-23 adapter assembly is required for use with the B29001-46 ram air turbine screen equipment only when using the customer-furnished Boeing A71015 lift fixture.

B29001-46 is a cage around the RAT which is used to protect personnel during RAT testing. Refer to the current B29001 drawing and AMM 29-21-00 for complete usage instructions. B29001-23 and -46 consists of:

B29001-23		
QUANTITY	NOMENCLATURE	PART NUMBER
1	ADAPTER ASSEMBLY	B29001-22
1	WASHER	AN970-8
1	BOLT	AN8-6A

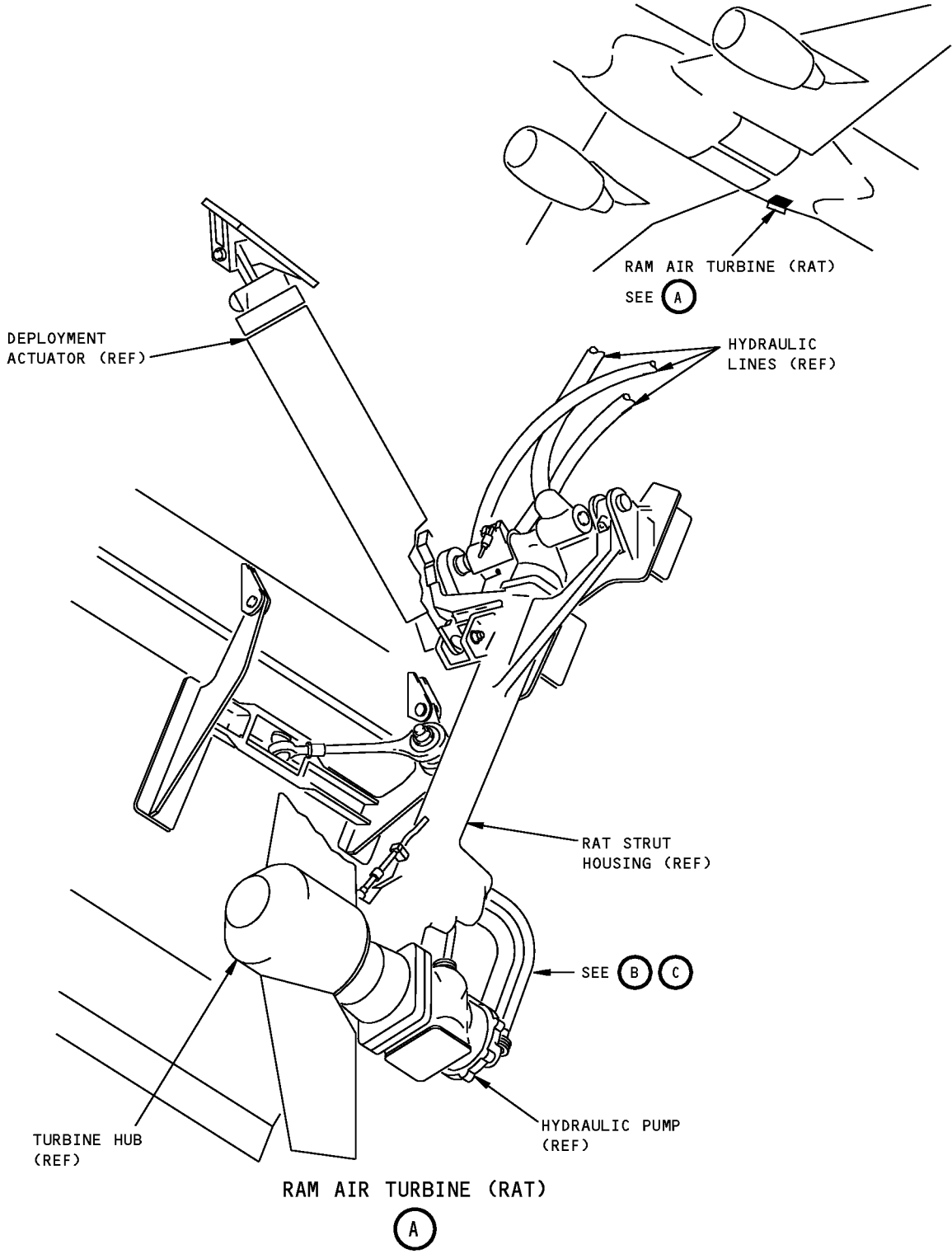
B29001-46		
QUANTITY	NOMENCLATURE	PART NUMBER
1	CAGE ASSEMBLY	B29001-47
1	SUPPORT ASSEMBLY	B29001-49

WEIGHT: 125 lbs

DIMENSIONS: 36 x 36 x 48 inches

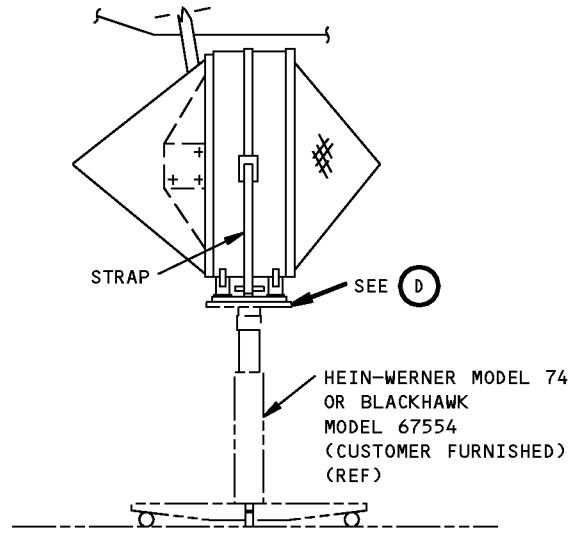
NOTE: B29001-46 supersedes B29001-42.

ILLUSTRATED TOOL AND EQUIPMENT MANUAL



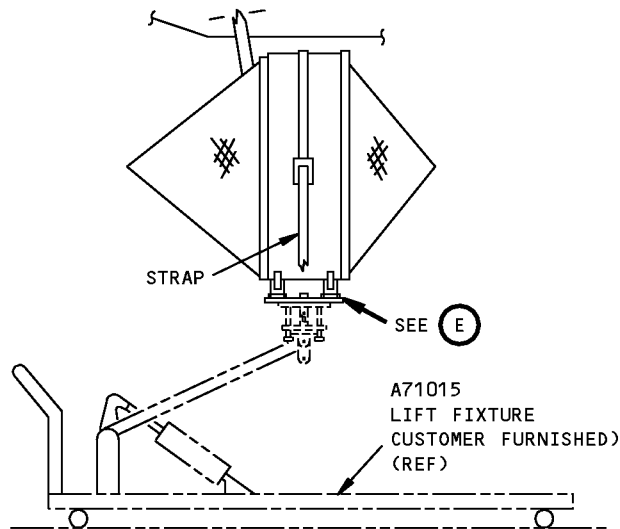
**Ram Air Turbine Screen Equipment
Figure 1 (Sheet 1 of 3)**

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ILLUSTRATED TOOL AND EQUIPMENT MANUAL



USAGE OPTION I

(B)

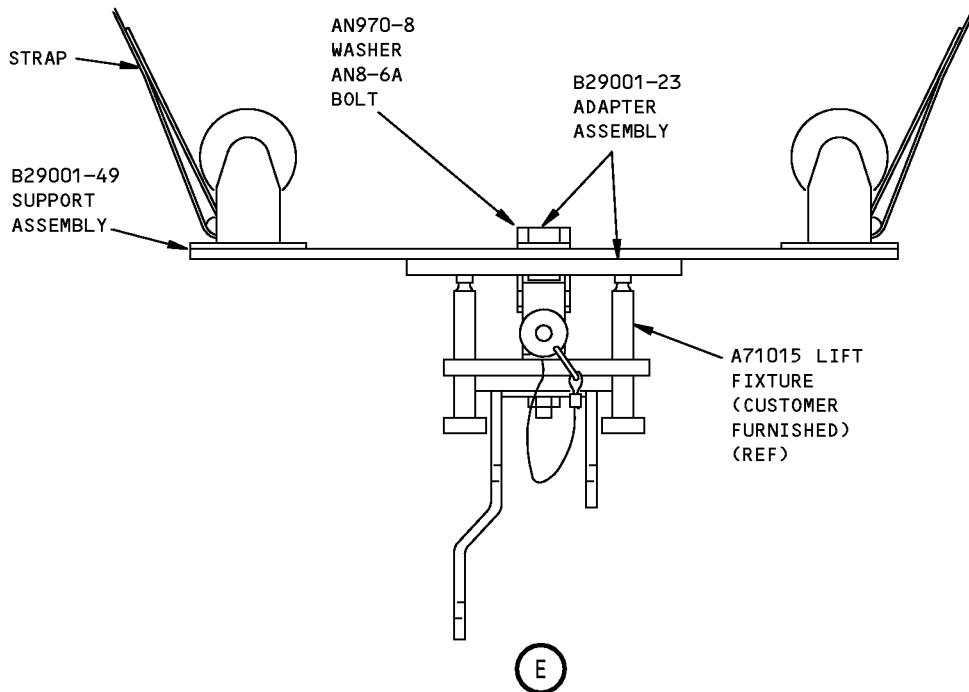
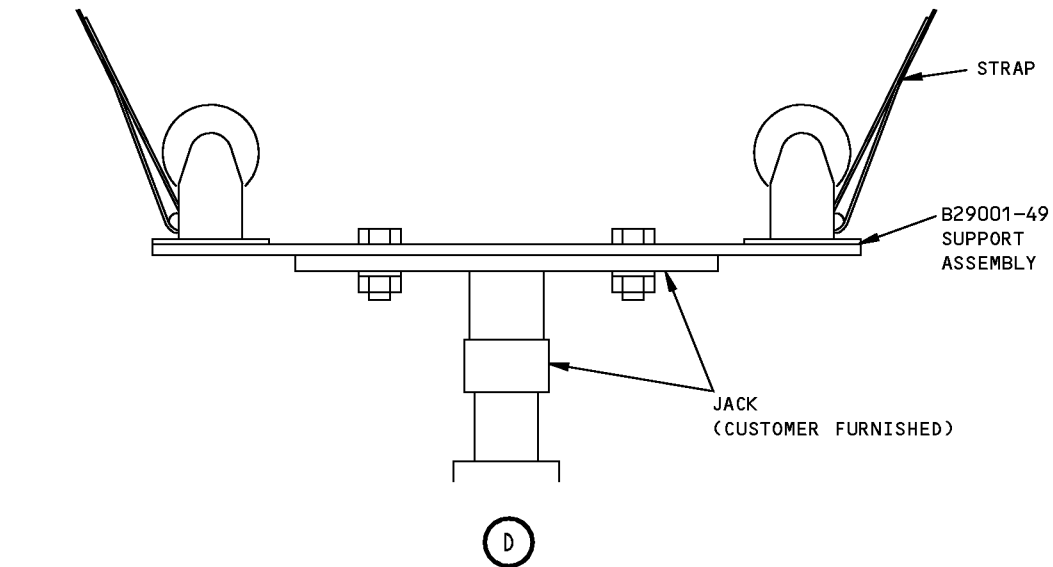


USAGE OPTION II

(C)

Ram Air Turbine Screen Equipment
Figure 1 (Sheet 2 of 3)

**757
ILLUSTRATED TOOL AND EQUIPMENT MANUAL**



**Ram Air Turbine Screen Equipment
Figure 1 (Sheet 3 of 3)**



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ILLUSTRATED TOOL AND EQUIPMENT MANUAL

PART NUMBER: A29006-19 WAS MOVED TO 29-10-05



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ILLUSTRATED TOOL AND EQUIPMENT MANUAL

PART NUMBER: A29005-1 WAS MOVED TO 29-10-06