

TM 9-2815-247-34P
MARINE CORPS TM 07769B-34P/6
(Supersedes copy dated October 2000)

TECHNICAL MANUAL

**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

FOR

**ENGINE WITH CONTAINER: TURBOSUPERCHARGED,
OIL-COOLED GENERATOR, DIESEL, FUEL INJECTION,
90 DEGREE "V" TYPE, AIR-COOLED,
12-CYLINDER ASSEMBLY:
MODEL AVDS-1790-8CR**

This Manual supersedes TM 9-2520-215-34P dated 01 October 1994
Distribution Statement A: Approved for public release; distribution is unlimited.

01 JANUARY 2002

**HEADQUARTERS, DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. MARINE CORPS**

LIST OF EFFECTIVE PAGES/WORK PACKAGES

NOTE: This manual supersedes TM 9-2815-247-34P dated October, 2000.

Date of issue for original and change pages/work packages are:

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TOTAL NUMBER OF PAGES FOR FRONT AND REAR MATTER IS 22 AND TOTAL NUMBER OF WORK PACKAGES IS 79 CONSISTING OF THE FOLLOWING:

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U.S. MARINE CORPS TM 07769B-34P/6

HEADQUARTERS
DEPARTMENT OF THE ARMY
U.S. MARINE CORPS
WASHINGTON, D.C., 01 JANUARY 2002

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MAINTENANCE REPAIR PARTS
AND SPECIAL TOOLS LIST**

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90 DEGREE "V" TYPE, AIR-COOLED,
12-CYLINDER ASSEMBLY:
MODEL AVDS-1790-8CR**

CURRENT AS OF 01 JANUARY 2002

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**DIRECT SUPPORT AND
GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST**

INTRODUCTION

SCOPE

This RPSTL lists and authorizes spares and repair parts; special tools; test, measurement, and diagnostic equipment (TMDE); other special support equipment required for performance of direct support; and general support equipment required for performance of the cross-drive transmission model XT-1410-4 and XT-1410-5A. It authorizes the requisitioning, issue, and disposition of spares, repair parts and special tools as indicated by the Source, Maintenance, and Recoverability (SMR) codes.

GENERAL

In addition to the Introduction work package, this RPSTL is divided into the following work packages.

1. **Repair Parts List Work Packages.** Work packages containing lists of spares and repair parts authorized by this RPSTL for use in the performance of maintenance. These work packages also include parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending alpha-numeric sequence, with the parts in each group listed in ascending figure and item number sequence. Sending units, brackets, filters, and bolts are listed with the component they mount on. Bulk materials are listed by item name in FIG. BULK at the end of the work packages. Repair parts kits are listed separately in their own functional group and work package. Repair parts for reparable special tools are also listed in a separate work package. Items listed are shown on the associated illustration.
2. **Special Tools List Work Packages.** Work packages containing lists of special tools, special TMDE, and special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in the DESCRIPTION AND USABLE ON CODE (UOC) column). Tools that are components to common tool sets and/or Class VII are not listed.
3. **Cross-reference Index Work Packages.** There are two cross-reference index work packages in this RPSTL: the National Stock Number (NSN) and the Part Number (P/N) index work packages. The National Stock Number Index work package refers you to the figure and item number. The Part Number Index work package refers you to the figure and item number.

EXPLANATION OF COLUMNS IN THE REPAIR PARTS AND SPECIAL TOOLS LIST WORK PACKAGES

ITEM NO. (Column (1)). Indicates the number used to identify items called out in the illustration.

SMR CODE (Column (2)). The SMR code containing supply/requisitioning information, maintenance level authorization criteria, and disposition instruction, as shown in the following breakout:

<u>Source Code</u>	<u>Maintenance Code</u>	<u>Recoverability Code</u>
<u>XXxxx</u>	<u>xxXXXx</u>	<u>xxxxX</u>
1 st two positions: How to get an item.	3 rd position: Who can install, replace, or use the item.	4 th position: Who can do complete repair* on the item.
		5 th position: Who determines disposition action on unserviceable items.

*Complete Repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "Repair" function in a use/user environment in order to restore serviceability to a failed item.

Source Code. The source code tells you how you get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanations of source codes follow:

<u>Source Code</u>	<u>Application/Explanation</u>
PA	Stock items; use the applicable NSN
PB	to requisition/request items with these
PC	source codes. They are authorized to
PD	the level indicated by the code entered

EXPLANATION OF COLUMNS IN THE REPAIR PARTS AND SPECIAL TOOLS LIST WORK PACKAGES - CONTINUED

PE in the 3rd position of the SMR code.
 PF
 PG

NOTE

<p>Items coded PC are subject to deterioration.</p> <p>KD KF KB</p> <p>MO-Made at unit/ AVUM level MF-Made at DS/ AVILM level MH-Made at GS level ML-Made at SRA MD-Made at depot</p> <p>AO-Assembled by unit/AVUM level AF-Assembled by DS/AVIM level AH-Assembled by GS level AL-Assembled by SRA AD-Assembled by depot XA</p> <p>XB</p> <p>XC</p> <p>XD</p>	<p>Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance level indicated in the 3rd position of the SMR code. The complete kit must be requisitioned and applied.</p> <p>Items with these codes are not to be requisitioned/requested individually. They must be made from bulk material which is identified by the P/N in the DESCRIPTION AND USABLE ON CODE (UOC) column and listed in the bulk material group work package of the RPSTL. If the item is authorized to you by the 3rd position code of the SMR code, but the source code indicates it is made at higher level, order the item from the higher level of maintenance.</p> <p>Items with these codes are not to be requested/requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the level of maintenance indicated by the source code. If the 3rd position of the SMR code authorizes you to replace the item, but the source code indicates the item is assembled at a higher level, order the item from the higher level of maintenance.</p> <p>Do not requisition an "XA" coded item. Order the next higher assembly. (Refer to NOTE below.)</p> <p>If an item is not available from salvage, order it using the CAGEC and P/N.</p> <p>Installation drawings, diagrams, instruction sheets, field service drawings; identified by manufacturer's P/N.</p> <p>Item is not stocked. Order an XD-coded item through normal supply channels using the CAGEC and P/N given, if no NSN is available.</p>
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NOTE

Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes except for those items source coded "XA" or those aircraft support items restricted by requirements of AR 750-1.

Maintenance Code. Maintenance codes tell you the level(s) of maintenance authorized to use the repair support items. The maintenance codes are entered in the third and fourth positions of the SMR code as follows:

Third Position. The maintenance code entered in the third position tells you the lowest maintenance level authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to the following levels of maintenance:

EXPLANATION OF COLUMNS IN THE REPAIR PARTS AND SPECIAL TOOLS LIST WORK PACKAGES - CONTINUED

Maintenance Code

Application/Explanation

C	-	Crew or operator maintenance done within unit/AVUM maintenance.
O	-	Unit level/AVUM maintenance can remove, replace, and use the item.
F	-	Direct support/AVIM maintenance can remove, replace, and use the item.
H	-	General support maintenance can remove, replace, and use the item.
L	-	Specialized repair activity can remove, replace, and use the item.
D	-	Depot can remove, replace, and use the item.

Fourth Position. The maintenance code entered in the fourth position tells you whether or not the item is to be repaired and identifies the lowest maintenance level with the capability to do complete repair (perform all authorized repair functions).

NOTE

Some limited repair may be done on the item at the lower level of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes.

Maintenance Code

Application/Explanation

O	-	Unit/AVUM is the lowest level that can do complete repair of the item.
F	-	Direct support/AVIM is the lowest level that can do complete repair of the item.
H	-	General support is the lowest level that can do complete repair of the item.
L	-	Specialized repair activity is the lowest level that can do complete repair of the item.
D	-	Depot is the lowest level that can do complete repair of the item.
Z	-	Nonreparable. No repair is authorized.
B	-	No repair is authorized. No parts or special tools are authorized for maintenance of "B" coded item. However, the item may be reconditioned by adjusting, lubricating, etc., at the user level.

Recoverability Code. Recoverability codes are assigned to items to indicate the disposition action on unserviceable items. The recoverability code is shown in the fifth position of the SMR code as follows:

Recoverability Code

Application/Explanation

Z	-	Nonreparable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in the third position of the SMR code.
O	-	Reparable item. When uneconomically repairable, condemn and dispose of the item at the unit level.
F	-	Reparable item. When uneconomically repairable, condemn and dispose of the item at the direct support level.
H	-	Reparable item. When uneconomically repairable, condemn and dispose of the item at the general support level.
D	-	Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of item is not authorized below depot level.
L	-	Reparable item. Condemnation and disposal not authorized below Specialized Repair Activity (SRA).

EXPLANATION OF COLUMNS IN THE REPAIR PARTS AND SPECIAL TOOLS LIST WORK PACKAGES - CONTINUED

- A - Item requires special handling or condemnation procedures because of specific reasons (such as precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/directives for specific instructions.

NSN (Column (3)). The NSN for the item is listed in this column.

CAGEC (Column (4)). The Commercial and Government Entity Code (CAGEC) is a five-digit code which is used to identify the manufacturer, distributor, or Government agency/activity that supplies the item.

PART NUMBER (Column (5)). Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

NOTE

When you use an NSN to requisition an item, the item you receive may have a different P/N from the number listed.

DESCRIPTION AND USABLE ON CODE (UOC) (Column (6)). This column includes the following information:

1. The federal item name, and when required, a minimum description to identify the item.
2. P/Ns of bulk materials are referenced in this column in the line entry to be manufactured or fabricated.
3. Hardness Critical Item (HCI). A support item that provides the equipment with special protection from Electromagnetic Pulse (EMP) damage during a nuclear attack.
4. The statement END OF FIGURE appears just below the last item description in column (6) for a given figure in both the repair parts list and special tools list work packages.

QTY (Column (7)). The QTY (quantity per figure) column indicates the quantity of the item used in the breakout shown on the illustration/figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column instead of a quantity indicates that the quantity is variable and quantity may change from application to application.

EXPLANATION OF CROSS-REFERENCE INDEX WORK PACKAGES FORMAT AND COLUMNS

1. National Stock Number (NSN) Index Work Package.

STOCK NUMBER Column. This column lists the NSN in National Item Identification Number (NIIN) sequence. The NIIN consists of the last nine digits of the NSN.

NSN
 (e.g., 5385-01-574-1476)
NIIN

When using this column to locate an item, ignore the first four digits of the NSN. However, the complete NSN should be used when ordering items by stock number.

FIG. Column. This column lists the number of the figure where the item is identified/located. The figures are in numerical order in the repair parts list and special tools list work packages.

ITEM Column. The item number identifies the item associated with the figure listed in the adjacent FIG. column. This item is also identified by the NSN listed on the same line.

2. Part Number (P/N) Index Work Package. P/Ns in this index are listed in ascending numeric-alpha sequence (vertical arrangement of number and letter combinations which places the first digit or letter of each group in order 0 through 9, followed by the letters A through Z and each following digit or letter in like order).

PART NUMBER Column. Indicates the P/N assigned to the item.

FIG. Column. This column lists the number of the figure where the item is identified/located in the repair parts list and special tools list work packages.

ITEM Column. The item number is in the number assigned to the item as it appears in the figure referenced in the adjacent figure number column.

SPECIAL INFORMATION

UOC. The UOC appears in the lower left corner of the Description Column heading. Usable on codes are shown as "UOC:..." in the Description Column (justified left) on the first line under the applicable item/nomenclature. Uncoded items are applicable to all models. Identification of the UOCs used in the RPSTL are:

<u>Code</u>	<u>USED ON</u>
CDT	XT-1410-4 Transmission
TWC	XT-1410-5A Transmission

Fabrication Instructions. Bulk materials required to manufacture items are listed in the bulk material functional group of this RPSTL. Part numbers for bulk material are also referenced in the Description Column of the line item entry for the item to be manufactured/fabricated. Detailed fabrication instructions for items source coded to be manufactured or fabricated are found in TM 9-2815-247-34.

Item Numbers. Items which have the word BULK in the figure column will have an index number shown in the item number column. This index number is a cross-reference between the NSN / P/N index work packages and the bulk material list in the repair parts list work package.

Associated Publications. The publications listed below pertain to Recovery Vehicle, Full Tracked, Medium M88A1 and Recovery Vehicle, Full Tracked, Heavy M88A2.

<u>Publication</u>	<u>Short Title</u>
LO 9-2350-256-12	Recovery vehicle, full tracked, medium M88A1 (NSN 2350-00-122-6826)
TM 9-2350-256-10	Operator's manual for Recovery vehicle, full tracked, medium M88A1 (NSN 2350-00-122-6826)
TM 9-2350-256-20	Organizational maintenance manual: Recovery vehicle, full tracked, medium M88A1 (NSN 2350-00-122-6826)
TM 9-2350-256-34-1	Direct and general support maintenance manual: Recovery vehicle, full tracked, medium M88A1 (NSN 2350-00-122-6826)
TM 9-2350-292-10	Operator's manual for Recovery vehicle, full tracked, heavy M88A2 (NSN 2350-01-390-4683)
TM 9-2350-292-20	Organizational maintenance manual: Recovery vehicle, full tracked, heavy M88A2 (NSN 2350-01-390-4683)
TM 9-2350-292-34	Direct and general support maintenance manual: Recovery vehicle, full tracked, heavy M88A2 (NSN 2350-01-390-4683)
TM 9-2350-292-24P	Unit, direct support and general support maintenance repair parts and special tools list: Recovery vehicle, full tracked, heavy M88A2 (NSN 2350-01-390-4683)
TM 9-2815-220-34P	Direct support and general support maintenance repair parts and special tools list (including depot maintenance repair parts and special tools): Engine with container: turbosuper charged, diesel, fuel injection, 90-degree V-type, air-cooled, 12-cylinder assembly; models AVDS-17790-2C (NSN 2815-00-410-1203), AVDS-1790-2D (NSN 2518-00-410-1204), and AVDS-1790-2DR (NSN 2815-00-124-5387)
TM 9-2815-221-34&P	Direct support and general support maintenance manual (including repair parts and special tools list) for Engine, diesel, industrial-type, model DJBMA (NSN 2815-00-615-8740)
TM 9-2350-256-34P-1	Direct support and general support maintenance repair parts and special tools lists for Recovery vehicle, full tracked, medium M88A1 (NSN 2350-00-122-6826)

DMWR 9-2350-256	M88A1 Recovery vehicle
DMWR 9-2500-501	M88A1 Hoist, winch and PTO
DMWR 9-2520-215	Transmission
TM 9-2350-256-34-2	Direct support and general support maintenance manual: Recovery vehicle, full tracked, medium M88A1 (NSN 2350-00-122-6826) winch power takeoff hoist system.
DMWR 9-2815-220	Engine
TM 9-2350-256-20P	Organizational maintenance repair parts and special tools lists for Recovery vehicle, full tracked: medium M88A1 (NSN 2350-00-122-6826)
TM 9-2350-256-34P-2	Direct support and general support maintenance repair parts and special tools list (including depot maintenance repair parts and special tools) for Recovery vehicle, full tracked; medium M88A1 (NSN 2350-00-122-6826) Winch, power takeoff and hoist system.
TM 9-2910-212-34	Direct support and general support maintenance manual (including DS, GS and depot maintenance repair parts and special tools list): Pump, metering fuel injection, assembly 10912447 (NSN 2910-00-064-6265) and 11684129 (NSN 2910-00-398-9550) (American Bosch model PSB-12BT)
TM 9-2910-213-34	Direct support and general support maintenance manual (including DS and GS maintenance repair parts list) Pump, fuel engine, assembly 8725131, 8725282, 8725283, 10882663, and 10882663-1 (Viking model FV492)
TM 9-2920-225-34-1	Direct support and general support maintenance manual or 100 amp Regulator (solid state) (NSN 2920-00-900-7993) checkout and repair procedures
TM 9-2920-232-34	Direct support and general support maintenance manual (including repair parts list) for Starter, engine, electrical, assembly (NSN 2920-00-793-1557) (Delco-Remy-GMC model 1109972)
TM 9-2920-224-35	Direct and general support maintenance manual (including repair parts list) Generator assembly, engine (300 amp) Lear Siegler (formerly Jack and Heintz) model G22-2 (6115-629-1149), G22-3 (2920-795-6627), G22-6F (2920-830-6660), G22-7F (2920-830-1293), and G22-9 (2920-563-0299)
TM 9-2990-206-34&P	DS and GS maintenance (including repair parts lists and special tools lists); Turbosupercharger, Airesearch model T18C01 (NSN 2950-01-048-8870, 11669107-1; NSN 2950-01-048-8871, 11669107-2; NSN 2950-01-048-8872, 11669107-5; and NSN 2959-01-048-8873, 11669107-6)

HOW TO LOCATE REPAIR PARTS

1. When NSNs or P/Ns are not known.

First. Using the table of contents, determine the assembly group to which the item belongs. This is necessary since figures are prepared for assembly groups and subassembly groups, and lists are divided into the same groups.

Second. Find the figure covering the functional group or the subfunctional group to which the item belongs.

Third. Identify the item on the figure and note the number(s).

Fourth. Look in the repair parts list work packages for the figure and item numbers. The NSNs and part numbers are on the same line as the associated item numbers.

2. When NSN is known.

First. If you have the NSN, look in the Stock Number column of the NSN index work package. The NSN is arranged in NIIN sequence. Note the figure and item number next to the NSN.

Second. Turn to the figure and locate the item number. Verify that the item is the one you are looking for.

3. When P/N is known.

First. If you have the P/N and not the NSN, look in the Part Number column of the P/N index work package. Identify the figure and item number.

Second. Look up the item on the figure in the applicable repair parts list work package.

ABBREVIATIONS

<u>Abbreviation</u>	<u>Explanation</u>
BOI	Basis of Issue
FIG	Figure
MAC	Maintenance Allocation Chart
NSN	National Stock Number
RPSTL	Repair Parts and Special Tools List
SMR	Source, Maintenance, and Recoverability
TMDE	Test, Measurement, and Diagnostic Equipment
UOC	Usable on Code

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END OF WORK PACKAGE

Transmission Adapters, Engine Lifting Eye Installation Guides and Associated Parts

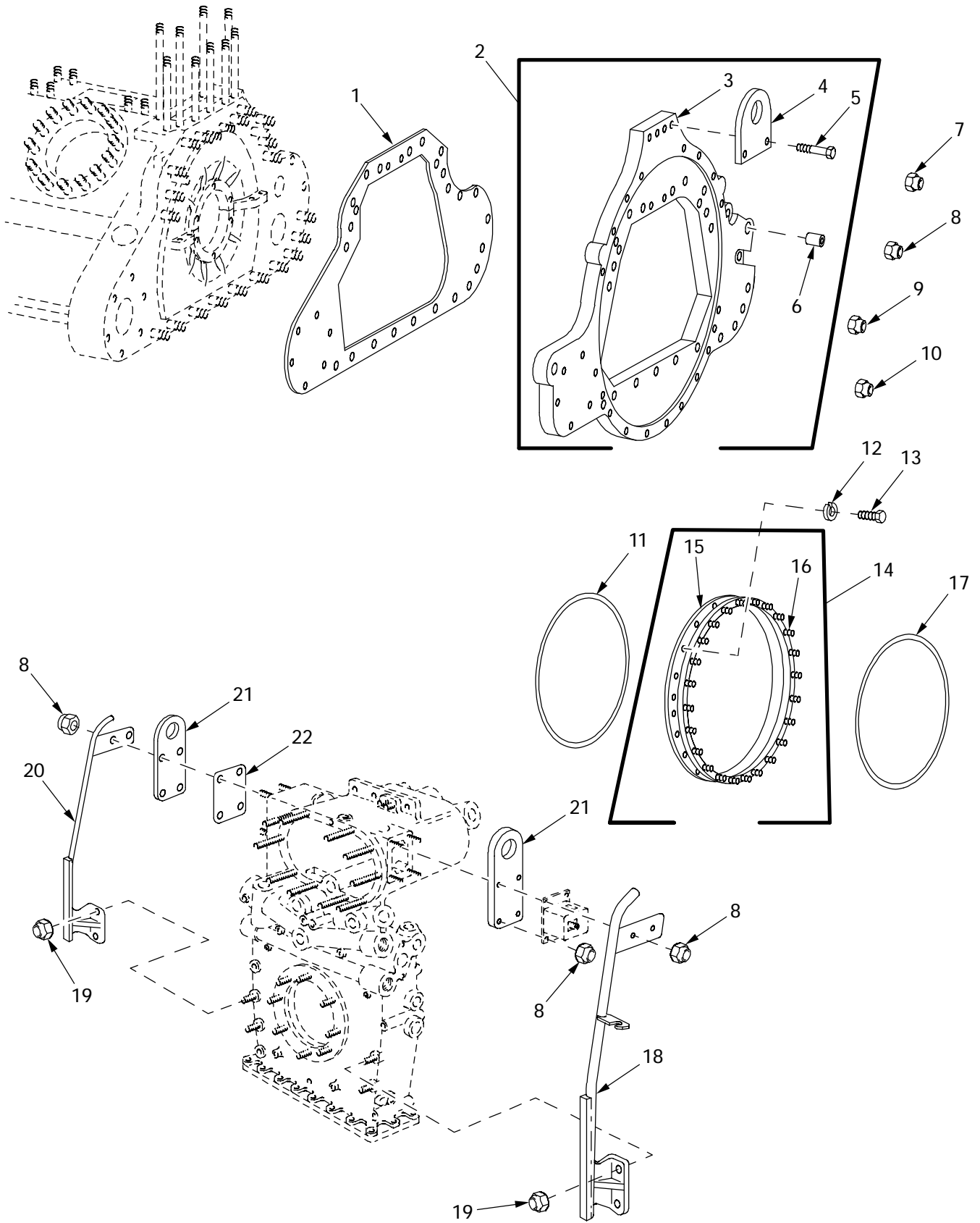


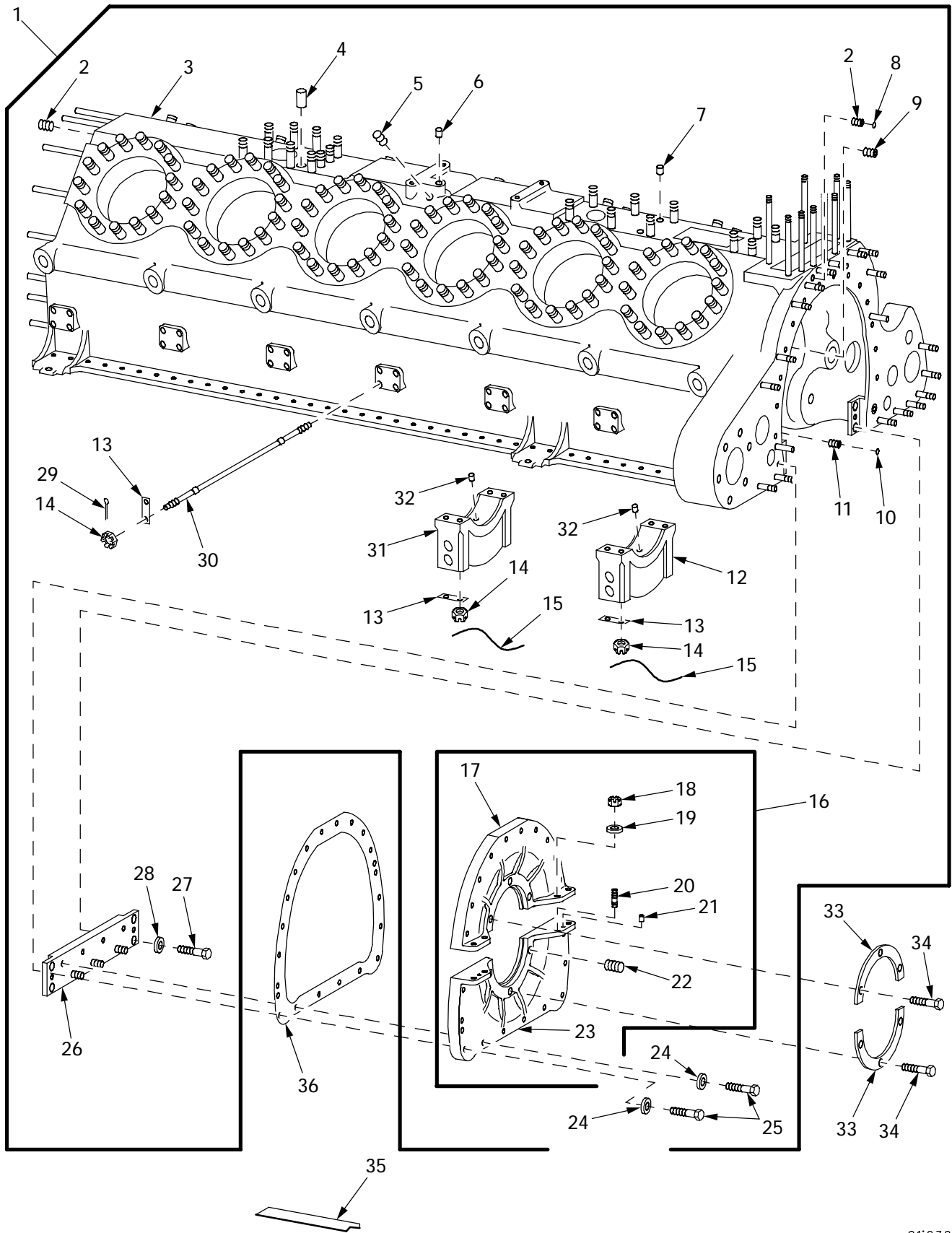
Figure 1. Transmission Adapters, Engine Lifting Eye Installation Guides and Associated Parts

01i029

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 01 ENGINE	
					GROUP 0100 ENGINE ASSEMBLY	
					FIGURE 1 TRANSMISSION ADAPTERS, ENGINE LIFTING EYE INSTALLATION GUIDES AND ASSOCIATED PARTS	
1	KFHZZ			02978 655080	GASKET PART OF KIT P/N E8CR100-013..	1
2	PBHHH	2815-01-433-0030		02978 E8CR132-0030	ADAPTER ASSEMBLY, CR.....	1
3	XAHZZ			02978 655078	.ADAPTER, TRANSMISSIO.....	1
4	PBFZZ	3040-01-434-3364		02978 E8CR100-003	.BRACKET, EYE, NONROTA.....	1
5	PAFZZ	5305-01-415-5526	80204	B1821BH050F125N	.SCREW, CAP, HEXAGON H 1/2-20 X 1.25, UNF-2A, GRADE 8.....	2
6	PAHZZ	5340-00-678-3532	19207	7320411	.MOUNT, RESILIENT.....	2
7	PAHZZ	5310-00-062-4954	96906	MS21045-8	NUT, SELF-LOCKING, HE.....	5
8	PAOZZ	5310-00-959-1488	81349	M45913/2-6FG5C	NUT, SELF-LOCKING, HE.....	6
9	PAHZZ	5310-00-088-0552	96906	MS21044N7	NUT, SELF-LOCKING, HE.....	3
10	PAHZZ	5310-00-925-9642	96906	MS21083N10	NUT, SELF-LOCKING, HE.....	12
11	PAFZZ	5330-00-772-3892	19207	7723892	O-RING PART OF KIT P/N E8CR100-013..	1
12	PAOZZ	5310-00-584-5272	96906	MS35338-48	WASHER, LOCK.....	23
13	PAFZZ	5306-01-434-0874	81343	SAEJ58 1/2-20UNF 3AX1.250LG	BOLT, MACHINE 1/2-20 X 1.25, UNF 3A..	23
14	PBFFF	3040-01-432-9023	02978	E8CR132-0010	ADAPTER, HOUSING.....	1
15	XAFZZ		02978	E8CR132-001	.ADAPTER, TRANSMISSIO.....	1
16	PAFZZ	5307-01-027-4732	19207	10898813	.STUD, PLAIN.....	24
17	PAFZZ	5330-00-291-1720	19207	7359808	SEAL, NONMETALLIC RO.....	1
18	PBHZZ	4910-01-453-9010	02978	E8CR100-018	GUIDE, ENGINE INSTAL.....	1
19	PAHZZ	5310-00-950-0039	96906	MS21044N6	NUT, SELF-LOCKING, HE.....	4
20	PBHZZ	4910-01-433-8696	02978	E9AR100R002	GUIDE, ENGINE INSTAL.....	1
21	PBHZZ	2815-00-230-3593	19207	8761295	EYE, LIFTING, ENGINE.....	2
22	PAHZZ	5330-00-899-1504	19207	10898933	GASKET PART OF KIT P/N E8CR100-013..	1

END OF FIGURE

Crankcase and Associated Parts



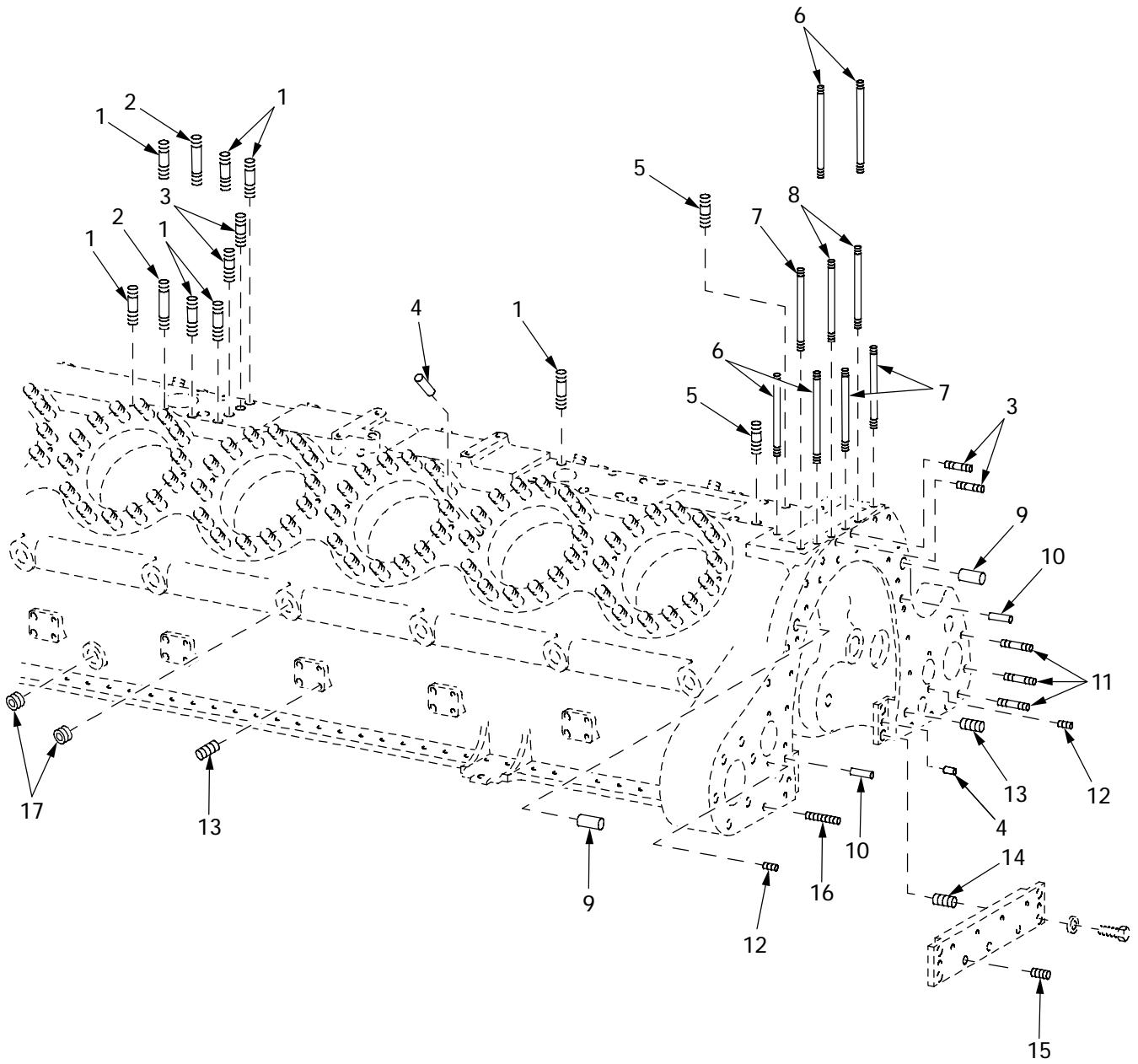
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Figure 2. Crankcase and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0101 CRANKCASE, BLOCK, CYLINDER HEAD	
					FIGURE 2 CRANKCASE AND ASSOCIATED PARTS	
1	PBHHD	2815-01-432-1235	02978	657036	ENGINE BLOCK,DIESEL.....	1
2	PAHZZ	4730-00-044-4705	10001	345889PC404	.PLUG,PIPE.....	3
3	XAHHD		02978	E9A101-001	.ENGINE BLOCK,DIESEL.....	1
4	PAHZZ	4710-01-248-9634	19207	8682469	.TUBE,METALLIC.....	1
5	PAHZZ	4730-00-044-4699	24617	444699	.PLUG,PIPE.....	1
6	PAHZZ	3120-00-493-9192	19207	8682512	.BUSHING,SLEEVE.....	1
7	PAHZZ	4710-01-436-5532	19207	8682513	.TUBE,OIL TRANSFER.....	3
8	PAHZZ	5340-00-177-4213	96906	MS9380-17	.PLUG,EXPANSION.....	1
9	PAHZZ	5365-01-433-9368	02978	E9AR100-011	.PLUG,MACHINE THREAD.....	1
10	PAHZZ	5340-00-740-9684	61465	305259	.PLUG,EXPANSION.....	5
11	PAHZZ	4730-00-278-2966	96906	MS27769C6	.PLUG,PIPE.....	3
12	XAHZZ		19207	8725141	.BEARING CAP.....	6
13	PAHZZ	5365-01-439-8166	19207	8725170	.SPACER,PLATE.....	28
14	PAHZZ	5310-00-720-7627	19207	8761279	.NUT,PLAIN,SLOTTED,H.....	56
15	MHHZZ		96906	MS20995NC40-12	.WIRE,NONELECTRICAL MAKE FROM WIRE, P/N MS20995NC-40.....	14
16	XAHHD		19207	8725144	.HOUSING ASSEMBLY.....	1
17	XAHZZ		19207	8725146	..CAP.....	1
18	PAHZZ	5310-00-982-4912	96906	MS21045-5	..NUT,SELF-LOCKING,HE.....	4
19	PAHZZ	5310-00-167-0820	80205	NAS1149F0563P	..WASHER,FLAT.....	4
20	PAHZZ	5307-00-272-6331	19207	8365809	..STUD,PLAIN 0.003 OVERSIZE.....	4
20	PAHZZ	5307-00-272-6332	19207	8365810	..STUD,PLAIN 0.007 OVERSIZE.....	4
21	PAHZZ	5315-00-058-9929	02978	501031	..PIN,STRAIGHT,HEADLE.....	2
22	PAHZZ	5325-01-073-2809	96906	MS21209F5-15	..INSERT,SCREW THREAD.....	6
23	XAHZZ		19207	8725145	..HOUSING.....	1
24	PAHZZ	5310-00-167-0820	80205	NAS1149F0563P	.WASHER,FLAT.....	20
25	PAHZZ	5306-00-225-9089	96906	MS90726-34	.BOLT,MACHINE 5/16-24 X 1.000,UNF-2A,GRADE 5.....	20
26	XAHZZ		19207	8725181	.SUPPORT.....	1
27	PAHZZ	5305-00-709-8283	96906	MS90727-84	.SCREW,CAP,HEXAGON H 7/16-20 X .875,UNF-2A,GRADE 8.....	4
28	PAHZZ	5310-00-167-0822	88044	AN960-716	.WASHER,FLAT.....	4
29	PAHZZ	5315-00-234-1864	96906	MS24665-302	.PIN,COTTER.....	28
30	PAHZZ	2815-00-678-3227	19207	8725254	.TIE ROD,ENGINE CRAN.....	14
31	XAHZZ		19207	7320476	.BEARING CAP.....	1
32	PAHZZ	5315-00-238-9239	19207	8725256	.PIN,STRAIGHT,HEADED.....	7
33	PBHZZ	5340-00-238-9191	19207	8725184	PLATE,RETAINING,SEA.....	2
34	PAHZZ	5306-00-225-9086	96906	MS90726-31	BOLT,MACHINE 5/16-24 X .625,UNF-2A,GRADE 5.....	6
35	PAHZZ	5330-00-292-7363	19207	7416751	PACKING MATERIAL 2 PIECES 18 INCHES LONG PART OF KIT P/N E8CR100-013....	V
36	KFHZZ		19207	8725273	GASKET PART OF KIT P/N E8CR100-013..	1

END OF FIGURE

Crankcase and Associated Parts



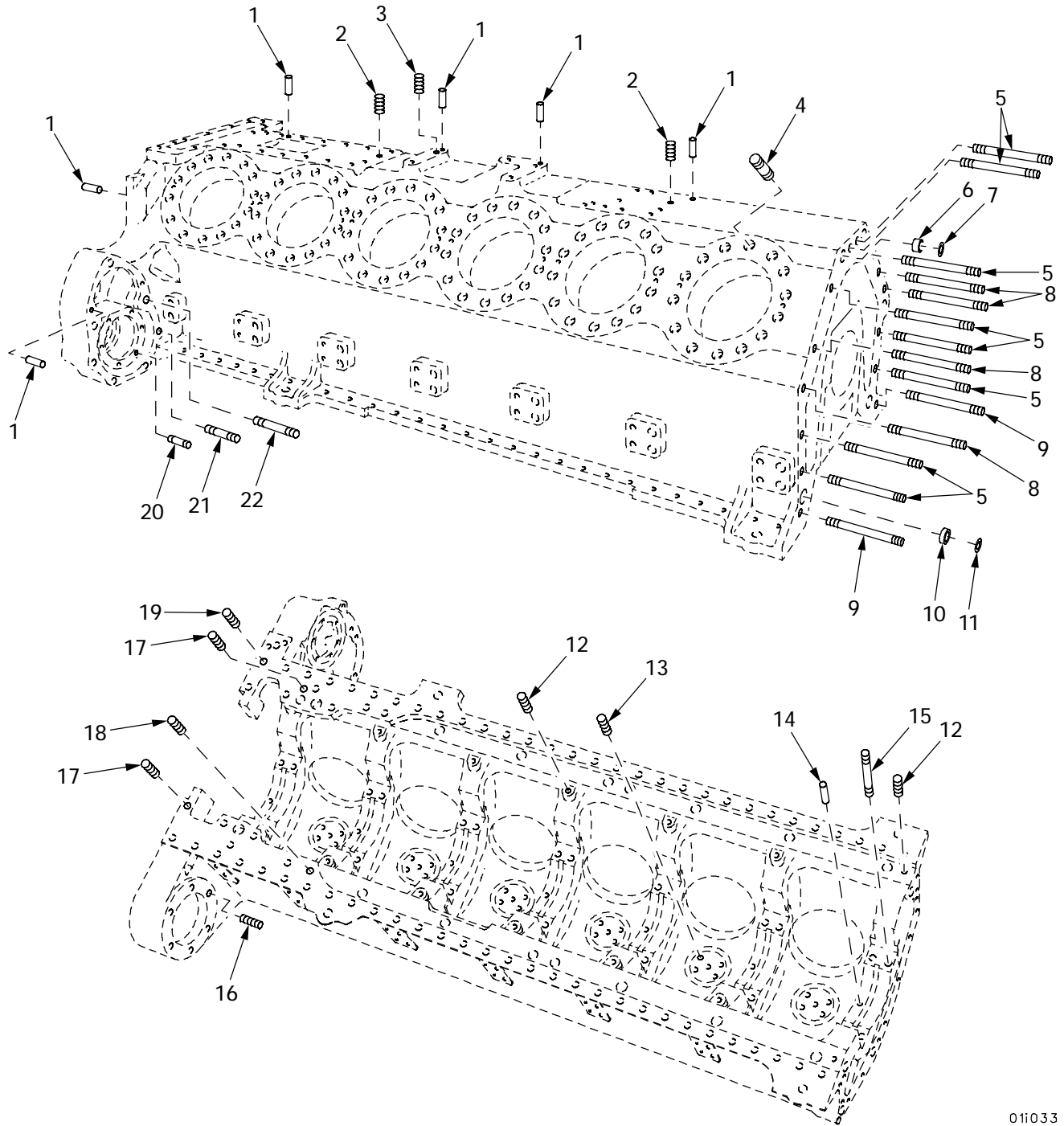
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Figure 3. Crankcase and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0101 CRANKCASE, BLOCK, CYLINDER HEAD	
					FIGURE 3 CRANKCASE AND ASSOCIATED PARTS	
1	PAHZZ	5307-00-678-3530	19207	7992645	STUD,PLAIN 0.003 OVERSIZE.....	14
1	PAHZZ	5307-00-678-3529	19207	7992646	STUD,PLAIN 0.007 OVERSIZE.....	14
2	PAHZZ	5307-00-678-3516	19207	7992693	STUD,PLAIN 0.003 OVERSIZE.....	2
2	PAHZZ	5307-00-678-3515	19207	7992694	STUD,PLAIN 0.007 OVERSIZE.....	2
3	PAHZZ	5307-00-734-8803	19207	7348803	STUD,PLAIN 0.003 OVERSIZE.....	4
3	PAHZZ	5307-00-734-8804	19207	7348804	STUD,PLAIN 0.007 OVERSIZE.....	4
4	PAHZZ	5315-01-296-8814	19207	7416591	PIN,STRAIGHT,HEADLE.....	26
5	PAHZZ	5307-00-678-3524	19207	7992669	STUD,PLAIN 0.003 OVERSIZE.....	2
5	PAHZZ	5307-00-678-3523	19207	7992670	STUD,PLAIN 0.007 OVERSIZE.....	2
6	PAHZZ	5307-00-678-3518	19207	7992685	STUD,PLAIN 0.003 OVERSIZE.....	4
6	PAHZZ	5307-00-678-3517	19207	7992686	STUD,PLAIN 0.007 OVERSIZE.....	4
7	PAHZZ	5307-00-678-3520	19207	7992681	STUD,PLAIN 0.003 OVERSIZE.....	3
7	PAHZZ	5307-00-678-3519	19207	7992682	STUD,PLAIN 0.007 OVERSIZE.....	3
8	PAHZZ	5307-00-678-3522	19207	7992677	STUD,PLAIN 0.003 OVERSIZE.....	2
8	PAHZZ	5307-00-678-3521	19207	7992678	STUD,PLAIN 0.007 OVERSIZE.....	2
9	PAHZZ	5315-01-434-0070	02978	655082	PIN,STRAIGHT,HEADLE.....	2
10	PAHZZ	5315-00-058-9929	02978	501031	PIN,STRAIGHT,HEADLE.....	2
11	PAHZZ	5307-00-734-8671	19207	7348671	STUD,PLAIN 0.003 OVERSIZE.....	3
11	PAHZZ	5307-01-433-4769	19207	7348672	STUD,PLAIN 0.007 OVERSIZE.....	3
12	PAHZZ	5307-00-734-8782	19207	7348782	STUD,PLAIN 0.003 OVERSIZE.....	4
12	PAHZZ	5307-00-734-8783	19207	7348783	STUD,PLAIN 0.007 OVERSIZE.....	4
13	PAHZZ	5325-01-073-2809	96906	MS21209F5-15	INSERT,SCREW THREAD.....	44
14	PAHZZ	5325-00-634-7860	96906	MS124699	INSERT,SCREW THREAD.....	4
15	PAHZZ	5307-00-678-3514	19207	7992697	STUD,PLAIN 0.003 OVERSIZE.....	5
15	PAHZZ	5307-00-678-3513	19207	7992698	STUD,PLAIN 0.007 OVERSIZE.....	5
16	PAHZZ	5307-01-433-4754	02978	E9AR101-132-1	STUD,PLAIN 0.003 OVERSIZE.....	12
16	PAHZZ	5307-01-433-4755	02978	E9AR101-132-2	STUD,PLAIN 0.007 OVERSIZE.....	12
17	PAHZZ	4730-00-044-4699	24617	444699	PLUG,PIPE.....	7

END OF FIGURE

Crankcase and Associated Parts



011033

Figure 4. Crankcase and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0101 CRANKCASE, BLOCK, CYLINDER HEAD	
					FIGURE 4 CRANKCASE AND ASSOCIATED PARTS	
1	PAHZZ	5315-00-058-9929	02978	501031	PIN, STRAIGHT, HEADLE.....	8
2	PAHZZ	5325-00-678-3311	96906	MS21209F6-20	INSERT, SCREW THREAD.....	8
3	PAHZZ	5325-00-678-3309	96906	MS21209F8-15	INSERT, SCREW THREAD.....	4
4	PAHZZ	5307-01-433-2750	02978	E8DR101-002-1	STUD, PLAIN.....	168
4	PAHZZ	5307-01-433-4084	02978	E8DR101-002-2	STUD, PLAIN.....	168
5	PAHZZ	5307-01-013-7889	19207	7348529-2	STUD, PLAIN 0.003 OVERSIZE.....	8
5	PAHZZ	5307-01-013-7890	19207	7348529-3	STUD, PLAIN 0.007 OVERSIZE.....	8
6	PAHZZ	3120-01-252-3373	19207	11684073-2	TUBE, METALLIC.....	3
7	PAHZZ	5330-00-166-8403	81349	M83248/1-212	O-RING.....	3
8	PAHZZ	5307-01-014-1254	19207	7348529-6	STUD, PLAIN.....	4
8	PAHZZ	5307-01-014-1255	19207	7348529-7	STUD, PLAIN.....	4
9	PAHZZ	5307-00-678-3528	19207	7992653	STUD, PLAIN 0.003 OVERSIZE.....	2
9	PAHZZ	5307-00-678-3527	19207	7992654	STUD, PLAIN 0.007 OVERSIZE.....	2
10	PAHZZ	4710-01-434-0787	19207	11684090	TUBE, METALLIC.....	2
11	PAHZZ	5331-00-166-1076	81349	M83248/1-120	O-RING.....	2
12	PAHZZ	5325-01-073-2809	96906	MS21209F5-15	INSERT, SCREW THREAD.....	4
13	PAHZZ	5325-00-582-7256	96906	MS21209F5-20	INSERT, SCREW THREAD.....	12
14	PAHZZ	5315-01-433-3317	19207	8725238	PIN, STRAIGHT, HEADLE.....	7
15	PAHZZ	5307-00-678-3228	02978	8725140	STUD, SHOULDERED.....	28
15	PAHZZ	5307-00-410-5830	19207	10882970	STUD, SHOULDERED.....	28
16	PAHZZ	5307-00-734-8797	19207	7348797	STUD, PLAIN 0.003 OVERSIZE.....	1
16	PAHZZ	5307-00-734-8798	19207	7348798	STUD, PLAIN 0.007 OVERSIZE.....	1
17	PAHZZ	5340-01-031-4286	96906	MS124738	INSERT, SCREW THREAD.....	10
18	PAHZZ	5325-00-291-3495	96906	MS124697	INSERT, SCREW THREAD.....	4
19	PAHZZ	5340-00-291-3492	96906	MS124698	INSERT, SCREW THREAD.....	4
20	PAHZZ	5307-00-678-3507	19207	8682804	STUD, PLAIN.....	6
20	PAHZZ	5307-00-678-3506	19207	8682805	STUD, PLAIN.....	6
21	PAHZZ	5307-00-678-3526	19207	7992657	STUD, PLAIN.....	4
21	PAHZZ	5307-00-678-3525	19207	7992658	STUD, PLAIN.....	4
22	PAHZZ	5307-00-678-3510	19207	8682500	STUD, PLAIN.....	1
22	PAHZZ	5307-00-678-3509	19207	8682501	STUD, PLAIN.....	1

END OF FIGURE

Cylinder Head Assembly and Associated Parts

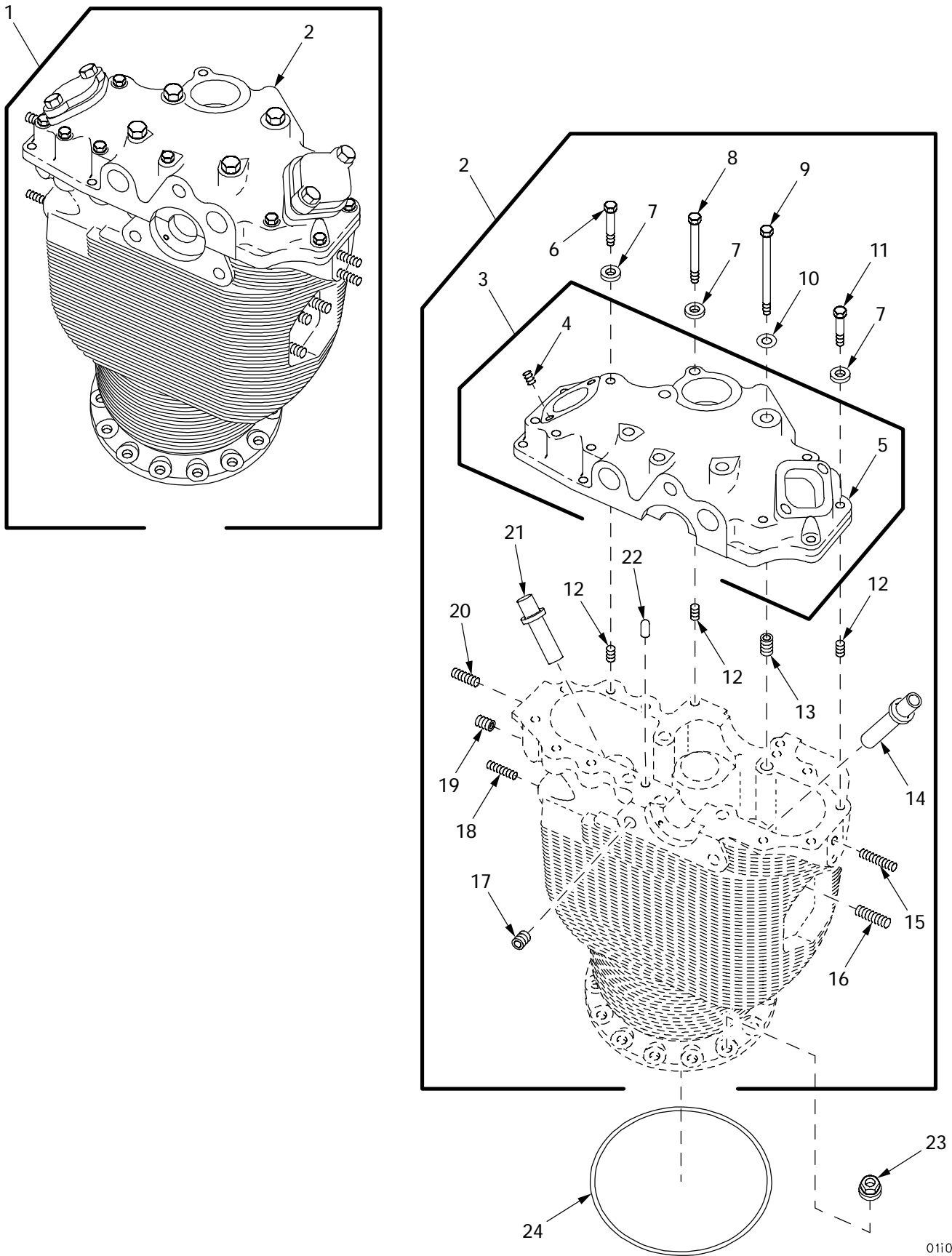
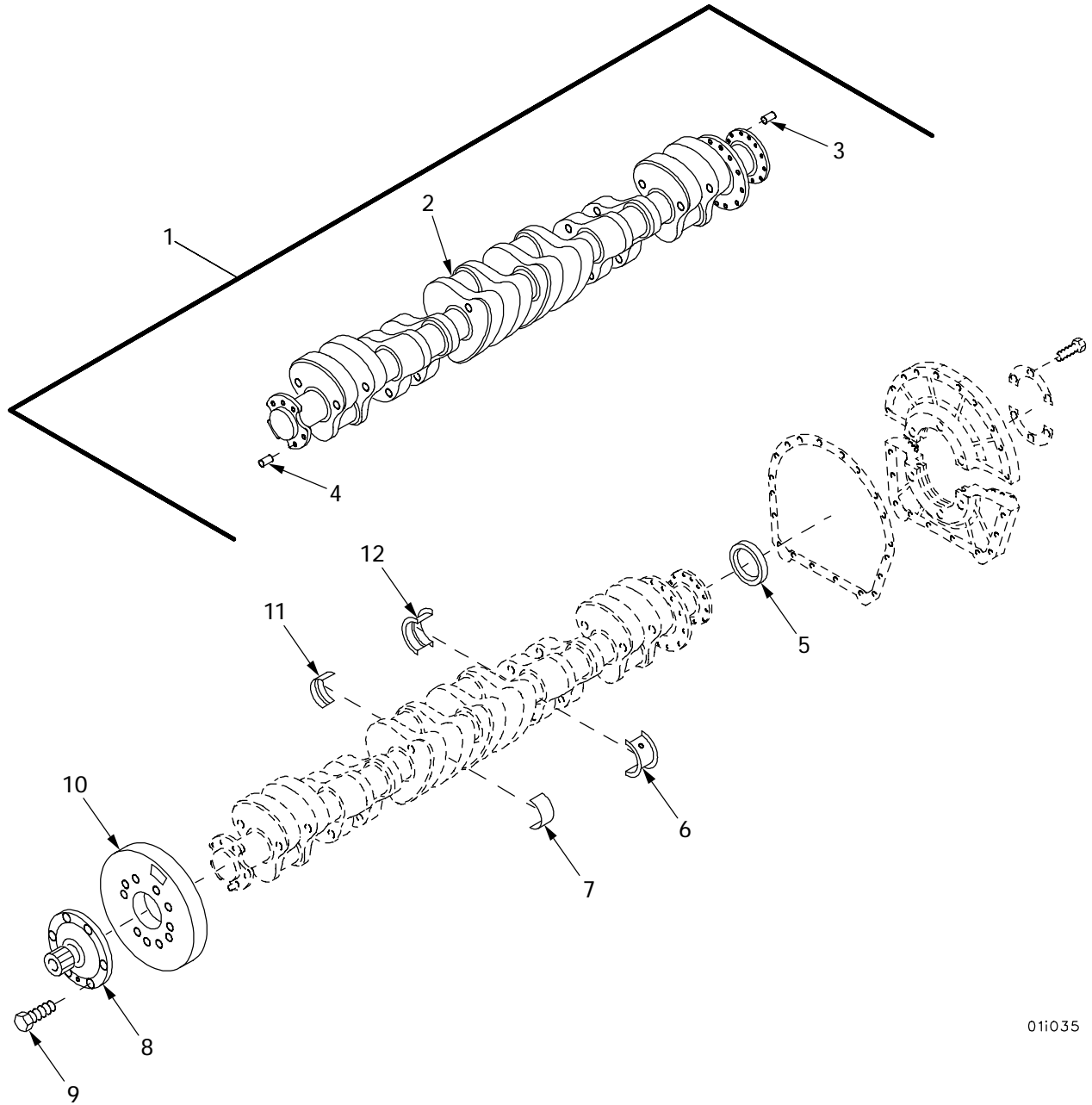


Figure 5. Cylinder Head Assembly and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0101 CRANKCASE, BLOCK, CYLINDER HEAD FIGURE 5 CYLINDER HEAD ASSEMBLY AND ASSOCIATED PARTS	
1	PAHDD	2815-01-422-4184	02978	E9AR101-006	CYLINDER HEAD,DIESE STANDARD,W/O PISTON.....	12
1	PBDDD	2815-01-432-0366	02978	E9AR101-006-1	CYLINDER HEAD,DIESE 0.010 OVERSIZE W/O PISTON (REFERENCE ONLY).....	12
1	PBDDD	2815-01-426-8352	02978	E9AR101-006-2	CYLINDER HEAD,DIESE 0.020 OVERSIZE W/O PISTON (REFERENCE ONLY).....	12
1	PBDDD	2815-01-431-5094	02978	E9AR101-006-3	CYLINDER HEAD,DIESE 0.030 OVERSIZE W/O PISTON (REFERENCE ONLY).....	12
1	PBDDD	2815-01-426-8353	02978	E9AR101-006-4	CYLINDER HEAD,DIESE 0.040 OVERSIZE W/O PISTON (REFERENCE ONLY).....	12
2	XAHFD		02978	E9AR101-005	.CYLINDER AND HEAD,E STANDARD.....	1
2	XADZZ		02978	E9AR101-005-1	.CYLINDER AND HEAD,A 0.010 OVERSIZE	1
2	XADZZ		02978	E9AR101-005-2	.CYLINDER AND HEAD,A 0.020 OVERSIZE	1
2	XADZZ		02978	E9AR101-005-3	.CYLINDER AND HEAD,A 0.030 OVERSIZE	1
2	XADZZ		02978	E9AR101-005-4	.CYLINDER AND HEAD,A 0.040 OVERSIZE	1
3	XAHHH		19207	7320420	..COVER ASSEMBLY.....	1
4	PAHZZ	5325-01-073-2809	96906	MS21209F5-15	...INSERT,SCREW THREAD.....	4
5	XAHZZ		19207	7320421	...COVER.....	1
6	PAFZZ	5306-00-180-2670	88044	AN5H20A	..BOLT,MACHINE 5/16-24 X 2.0938,UNF-3A,NON-CORROSION RESISTANT STEEL.....	7
7	PAFZZ	5310-00-167-0820	80205	NAS1149F0563P	..WASHER,FLAT.....	12
8	PAFZZ	5306-00-051-4087	80204	B1821BH031F325N	..BOLT,MACHINE 5/16-24 X 3.250,UNF-3A,GRADE 8.....	1
9	PAFZZ	5306-00-678-3316	19207	7320407	..BOLT,MACHINE 3/8-24 X 3.50,UNF-3A,ALLOY STEEL.....	4
10	PAFZZ	5330-00-814-6675	25184	110 3-8	..PACKING WITH RETAIN PART OF KIT P/N E8CR100-013.....	4
11	PAFZZ	5305-00-225-9092	96906	MS90726-37	..SCREW,CAP,HEXAGON H 5/16-24 X 1.375,UNF-2A,GRADE 5.....	4
12	PAHZZ	5325-01-073-2809	96906	MS21209F5-15	..INSERT,SCREW THREAD.....	12
13	PAHZZ	5325-00-678-3311	96906	MS21209F6-20	..INSERT,SCREW THREAD.....	4
14	PADZZ	2815-00-678-3201	02978	8725176	..GUIDE,VALVE STEM 0.010 OVERSIZE,INTAKE.....	1
14	PAHZZ	2815-00-678-3200	19207	8725177	..GUIDE,ENGINE POPPET STANDARD,INTAKE.....	1
14	PADZZ	2815-00-678-3200	19207	8725177	..GUIDE,ENGINE POPPET 0.020 OVERSIZE,INTAKE.....	1
15	PAFZZ	5307-00-776-7804	19207	7767804	..STUD,PLAIN 0.003 OVERSIZE.....	2
15	PAFZZ	5307-00-776-7805	19207	7767805	..STUD,PLAIN 0.007 OVERSIZE.....	2
16	PAFZZ	5307-00-678-3314	19207	8725298	..STUD,PLAIN STANDARD.....	4
17	PAHZZ	5325-00-678-3310	96906	MS21209F7-15	..INSERT,SCREW THREAD.....	6
18	PAFZZ	5307-00-774-4555	19207	7744555	..STUD,PLAIN 0.007 OVERSIZE.....	3
18	PAFZZ	5307-00-774-4803	19207	7744803	..STUD,PLAIN 0.003 OVERSIZE.....	3
19	PAHZZ	5325-00-291-3488	96906	MS124700	..INSERT,SCREW THREAD.....	1
20	PAFZZ	5307-00-084-0629	19207	7403138-6	..STUD,PLAIN 0.003 OVERSIZE.....	1
20	PAFZZ	5307-00-084-0628	19207	7403138-7	..STUD,PLAIN 0.007 OVERSIZE.....	1
21	PADZZ	2815-00-678-3199	02978	8725179	..GUIDE,VALVE STEM 0.010 OVERSIZE,EXHAUST.....	1
21	PAHZZ	2815-00-678-3198	19207	8725180	..GUIDE,VALVE STEM STANDARD,EXHAUST	1
21	PADZZ	2815-00-678-3198	19207	8725180	..GUIDE,VALVE STEM 0.020 OVERSIZE,EXHAUST.....	1
22	PAHZZ	5315-00-241-2916	88044	AN122718	..PIN,STRAIGHT,HEADLE.....	2
23	PAHZZ	5310-01-434-0062	72962	FE8369T-098	NUT,PLAIN,EXTENDED.....	168
24	PAHZZ	5330-00-954-2740	96906	MS29561-256	O-RING PART OF KIT P/N E8CR100-013..	12

END OF FIGURE

Crankshaft Assembly, Bearings and Associated Parts



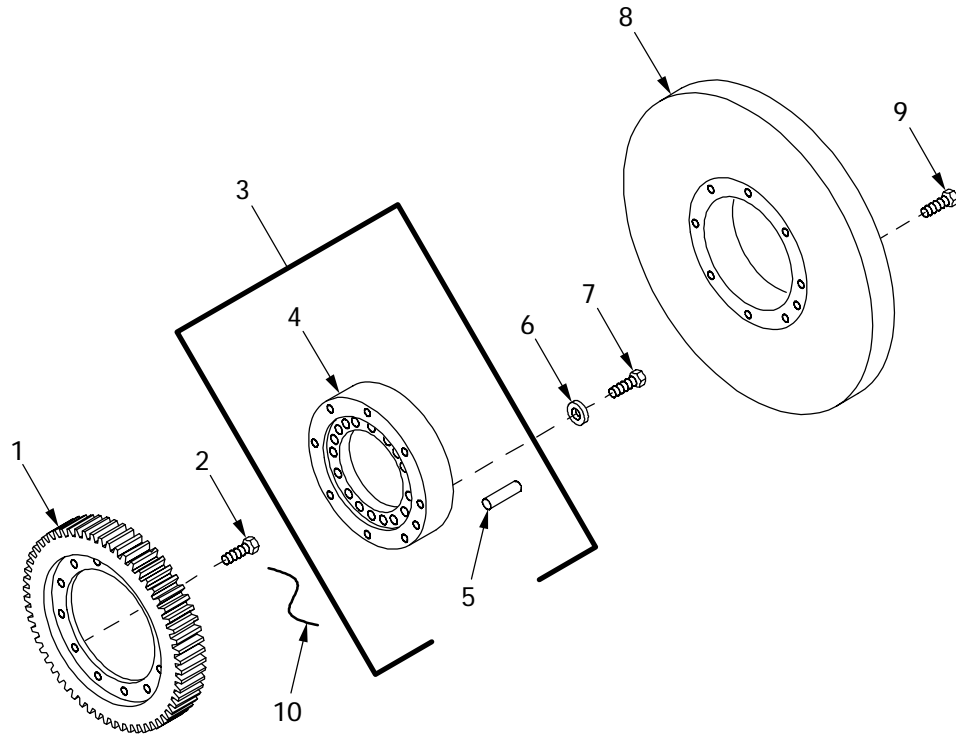
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Figure 6. Crankshaft Assembly, Bearings and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0102 CRANKSHAFT	
					FIGURE 6 CRANKSHAFT ASSEMBLY, BEARINGS AND ASSOCIATED PARTS	
1	PAHDD	2815-01-233-9709	19207	12254249	CRANKSHAFT,ENGINE.....	1
2	XAHZZ		19207	12254238	.CRANKSHAFT.....	1
3	PADZZ	5315-00-141-6337	19207	8717298	.PIN,GROOVED,HEADLES 0.005 OVERSIZE	2
3	PADZZ	5315-00-141-6338	19207	8717299	.PIN,GROOVED,HEADLES 0.010 OVERSIZE	2
4	PAHZZ	5315-00-776-7363	19207	7767363	.PIN,STRAIGHT,HEADLE.....	1
5	PAHZZ	5330-01-229-3452	01212	7234-S	SEAL,PLAIN PART OF KIT P/N E8CR100-013.....	1
6	KFHZZ		19207	8724996	BEARING HALF,SLEEVE STANDARD PART OF KIT P/N 5702616, 5704381.....	1
6	KFHZZ		19207	8724996-1	BEARING HALF,SLEEVE 0.003 UNDERSIZE PART OF KIT P/N 5704348, 5704382....	1
6	KFHZZ		19207	8761331	BEARING HALF,SLEEVE 0.010 UNDERSIZE PART OF KIT P/N 5702617, 5704383....	1
7	KFHZZ		19207	8724987	BEARING HALF,SLEEVE STANDARD PART OF KIT P/N 5702616.....	6
7	KFHZZ		19207	8724987-1	BEARING HALF,SLEEVE 0.003 UNDERSIZE PART OF KIT P/N 5704348.....	6
7	KFHZZ		19207	8761329	BEARING HALF,SLEEVE 0.010 UNDERSIZE PART OF KIT P/N 5702617.....	6
8	PAHZZ	3040-01-434-0530	02978	E8CR109-0020	SHAFT,SHOULDERED.....	1
9	PAHZZ	5305-00-725-0145	80204	B1821BH056F200N	SCREW,CAP,HEXAGON H 9/16-18 X 2.00,UNF-2A,GRADE 8.....	6
10	PAHZZ	2815-01-298-1128	74480	703055-600	DAMPENER,VIBRATION,.....	1
11	KFHZZ		19207	8724986	BEARING HALF,SLEEVE STANDARD PART OF KIT P/N 5702616.....	6
11	KFHZZ		19207	8724986-1	BEARING HALF,SLEEVE 0.003 UNDERSIZE PART OF KIT P/N 5704348.....	6
11	KFHZZ		19207	8761328	BEARING HALF,SLEEVE 0.010 UNDERSIZE PART OF KIT P/N 5702617.....	6
12	KFHZZ		19207	8724995	BEARING HALF,SLEEVE STANDARD PART OF KIT P/N 5702616, 5704381.....	1
12	KFHZZ		19207	8724995-1	BEARING HALF,SLEEVE 0.003 UNDERSIZE PART OF KIT P/N 5704348, 5704382....	1
12	KFHZZ		19207	8761330	BEARING HALF,SLEEVE 0.010 UNDERSIZE PART OF KIT P/N 5702617, 5704383....	1

END OF FIGURE

Flywheel and Associated Parts



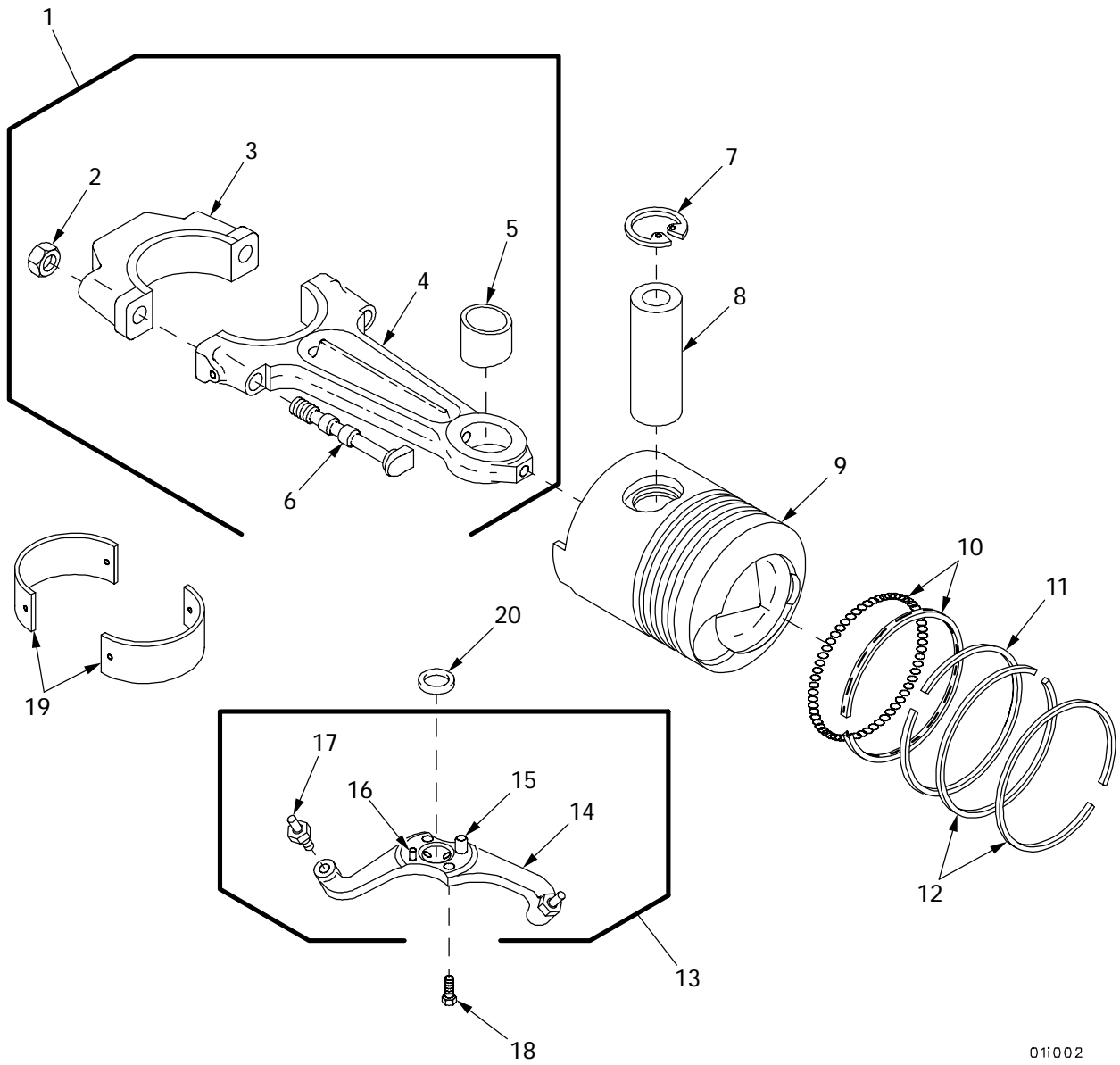
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Figure 7. Flywheel and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0103 FLYWHEEL ASSEMBLY	
					FIGURE 7 FLYWHEEL AND ASSOCIATED PARTS	
1	PAHZZ	3020-00-861-3829	19207	10898778	GEAR, SPUR.....	1
2	PAHZZ	5306-00-638-5288	88044	AN7H10A	BOLT, MACHINE 7/16-20 X 1.10, UNF-3A, NON-CORROSION RESISTANT STEEL, DRILLED HEAD.....	12
3	PBFFF	4730-01-435-1063	02978	E8CR103-0010	ADAPTER ASSEMBLY, FL.....	1
4	XAFZZ		02978	E8CR103-001	.ADAPTER, FLYWHEEL.....	1
5	PAFZZ	5315-00-776-7363	19207	7767363	.PIN, STRAIGHT, HEADLE.....	1
6	PAFZZ	5310-01-301-7863	24617	9422849	WASHER, FLAT.....	12
7	PAFZZ	5306-01-444-3005	0B6J5	41309	BOLT, MACHINE 9/16-18 X 1.75 UNRF-2A, ALLOY STEEL.....	12
8	PAFZZ	2815-01-434-5935	02978	E8DR103-001	FLYWHEEL, ENGINE.....	1
9	PAFZZ	5306-01-439-4228	71838	80090-9-22	BOLT, SHEAR 9/16-18 X 1.375 UNJF-3A, ALLOY STEEL.....	8
10	MHHZZ		96906	MS20995NC40-12	WIRE, NONELECTRICAL MAKE FROM WIRE, P/N MS20995NC40.....	6

END OF FIGURE

**Piston, Rings and Connecting Rod, Oil Sprayer and Associated
Parts**



01i002

Figure 8. Piston, Rings and Connecting Rod, Oil Sprayer and Associated Parts

(1)	(2)	(3)	(4)	(5)	(6)	(7)
ITEM NO	SMR	NSN	CAGE	PART NUMBER	DESCRIPTION AND USABLE ON CODE (UOC)	QTY
					GROUP 0104 PISTONS, CONNECTING RODS FIGURE 8 PISTON, RINGS AND CONNECTING ROD, OIL SPRAYER AND ASSOCIATED PARTS	
1	PBHHH	2815-01-422-4201	02978	E9AR104-0290	CONNECTING ROD,PIST.....	1
2	PAHZZ	5310-00-486-0399	19207	11683948	.NUT,PLAIN,HEXAGON.....	2
3	XAHZZ		19207	11683932	.CAP.....	1
4	XAHZZ		02978	657081	.ROD.....	1
5	PAHZZ	5365-01-433-4975	02978	E9AR104-003	.BUSHING,TAPERED.....	1
6	PAHZZ	5306-01-433-4756	02978	E9A104-011	.BOLT,EXTERNALLY REL.....	2
7	PAHZZ	5365-00-202-0194	96906	MS16625-3212	RING,RETAINING.....	24
8	PAHZZ	2815-00-467-3407	19207	11683935	PIN,PISTON.....	12
9	PAHZZ	2815-01-434-5177	02978	E8DR104-006	PISTON,INTERNAL COM STANDARD.....	12
9	XDDZZ		02978	E8DR104-006-1	PISTON,INTERNAL COM 0.010 OVERSIZE.	12
9	XDDZZ		02978	E8DR104-006-2	PISTON,INTERNAL COM 0.020 OVERSIZE.	12
9	XDDZZ		02978	E8DR104-006-3	PISTON,INTERNAL COM 0.030 OVERSIZE.	12
9	XDDZZ		02978	E8DR104-006-4	PISTON,INTERNAL COM 0.040 OVERSIZE.	12
10	KFHZZ		19207	11668315	RING,PISTON STANDARD PART OF KIT P/N E9AR104-0070.....	12
10	KDDZZ		19207	11668315-1	RING,PISTON 0.010 OVERSIZE PART OF KIT P/N E8CR104-0060.....	12
10	KDDZZ		19207	11668315-2	RING,PISTON 0.020 OVERSIZE PART OF KIT P/N E8CR104-0070.....	12
10	KDDZZ		19207	11668315-3	RING,PISTON 0.030 OVERSIZE PART OF KIT P/N E8CR104-0080.....	12
10	KDDZZ		19207	11668315-4	RING,PISTON 0.040 OVERSIZE PART OF KIT P/N E8CR104-0090.....	12
11	KFHZZ		19207	11668316	RING,PISTON STANDARD PART OF KIT P/N E9AR104-0070.....	12
11	KDDZZ		19207	11668316-1	RING,PISTON 0.010 OVERSIZE PART OF KIT P/N E8CR104-0060.....	12
11	KDDZZ		19207	11668316-2	RING,PISTON 0.020 OVERSIZE PART OF KIT P/N E8CR104-0070.....	12
11	KDDZZ		19207	11668316-3	RING,PISTON 0.030 OVERSIZE PART OF KIT P/N E8CR104-0080.....	12
11	KDDZZ		19207	11668316-4	RING,PISTON 0.040 OVERSIZE PART OF KIT P/N E8CR104-0090.....	12
12	KFHZZ		02978	E8AR104-008	RING,PISTON STANDARD, TOP AND SECOND GROOVE PART OF KIT P/N E9AR104-0070.	24
12	KDDZZ		02978	E8AR104-008-1	RING,PISTON 0.010 OVERSIZE, TOP AND SECOND GROOVE PART OF KIT P/N E8CR104-0060.....	24
12	KDDZZ		02978	E8AR104-008-2	RING,PISTON 0.020 OVERSIZE, TOP AND SECOND GROOVE PART OF KIT P/N E8CR104-0070.....	24
12	KDDZZ		02978	E8AR104-008-3	RING,PISTON 0.030 OVERSIZE, TOP AND SECOND GROOVE PART OF KIT P/N E8CR104-0080.....	24
12	KDDZZ		02978	E8AR104-008-4	RING,PISTON 0.040 OVERSIZE, TOP AND SECOND GROOVE PART OF KIT P/N E8CR104-0090.....	24
13	PAHHH	2815-01-434-4203	02978	E8DR106-0050	NOZZLE ASSEMBLY,LUB.....	6
14	XAHZZ		02978	E9A106-001	.SPRAYER,OIL PISTON.....	1
15	XAHZZ		96906	MS51400-130	.PIN,STRAIGHT,HEADLE.....	1
16	PAHZZ	5315-00-844-3963	96906	MS16562-46	.PIN,SPRING.....	1
17	XAHZZ		02978	E8DR106-0040	.NOZZLE ASSEMBLY,PIS.....	2
18	PAHZZ	5306-00-050-1238	80204	B1821BH031F075N	BOLT,MACHINE 5/16-24 X .750,UNF-2A,GRADE 8.....	12
19	KFHZZ		02978	E9AR104-019	BEARING HALF,SLEEVE STANDARD PART OF KIT P/N E8CR104-0030.....	24
19	KFHZZ		02978	E9AR104-019-1	BEARING HALF,SLEEVE 0.003 UNDERSIZE PART OF KIT P/N E8CR104-0040.....	24

TM 9-2815-247-34P							0009 00
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
ITEM	SMR	NSN	CAGE	PART	DESCRIPTION AND	QTY	
NO			NUMBER	NUMBER	USABLE ON CODE (UOC)		
19	KFHZZ		02978	E9AR104-019-2	BEARING HALF,SLEEVE 0.010 UNDERSIZE	24	
20	PAHZZ	5330-00-166-1011	81349	M83248/1-022	PART OF KIT P/N E8CR104-0050..... O-RING PART OF KIT P/N E8CR100-013..	6	

END OF FIGURE

Valves and Associated Parts

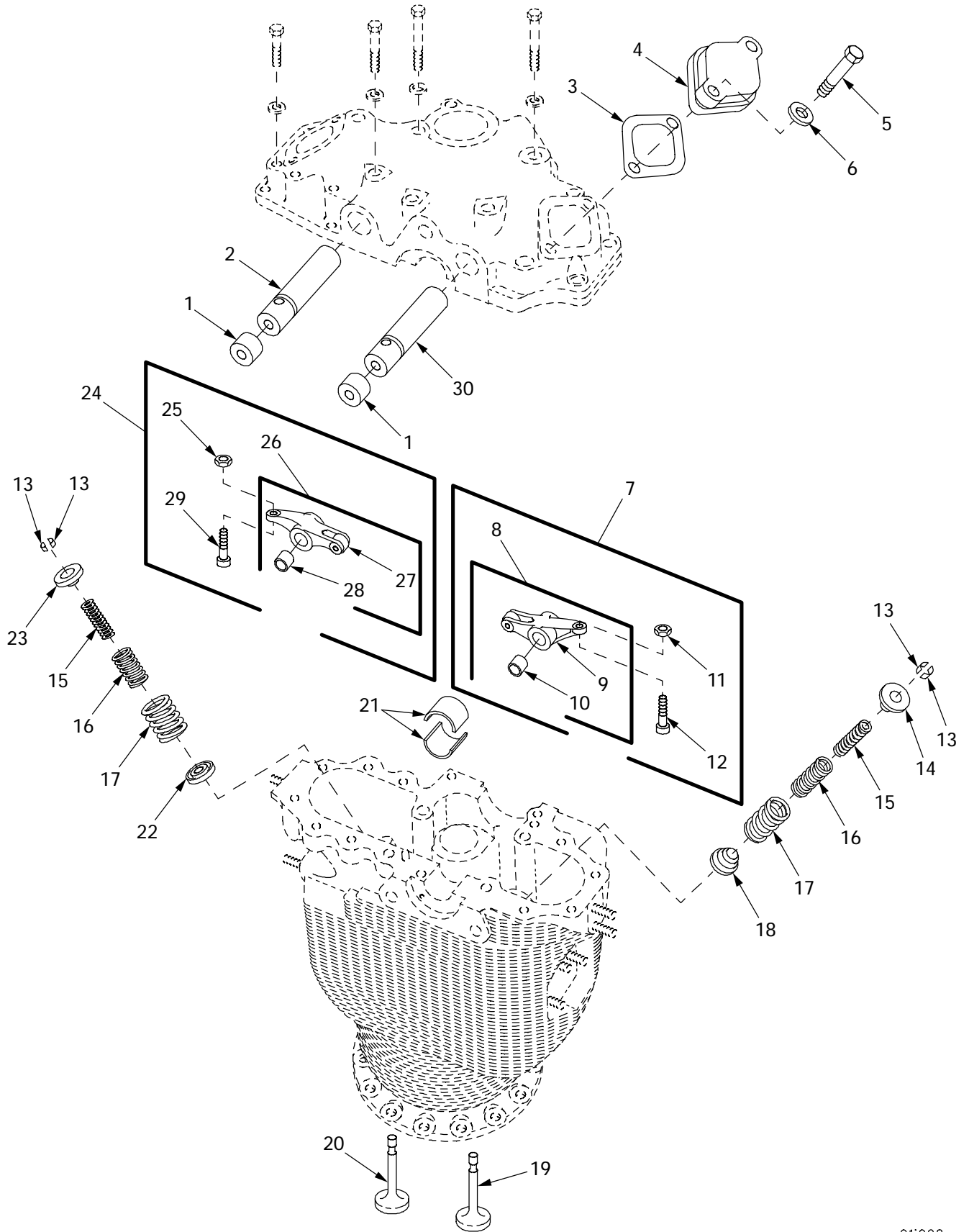
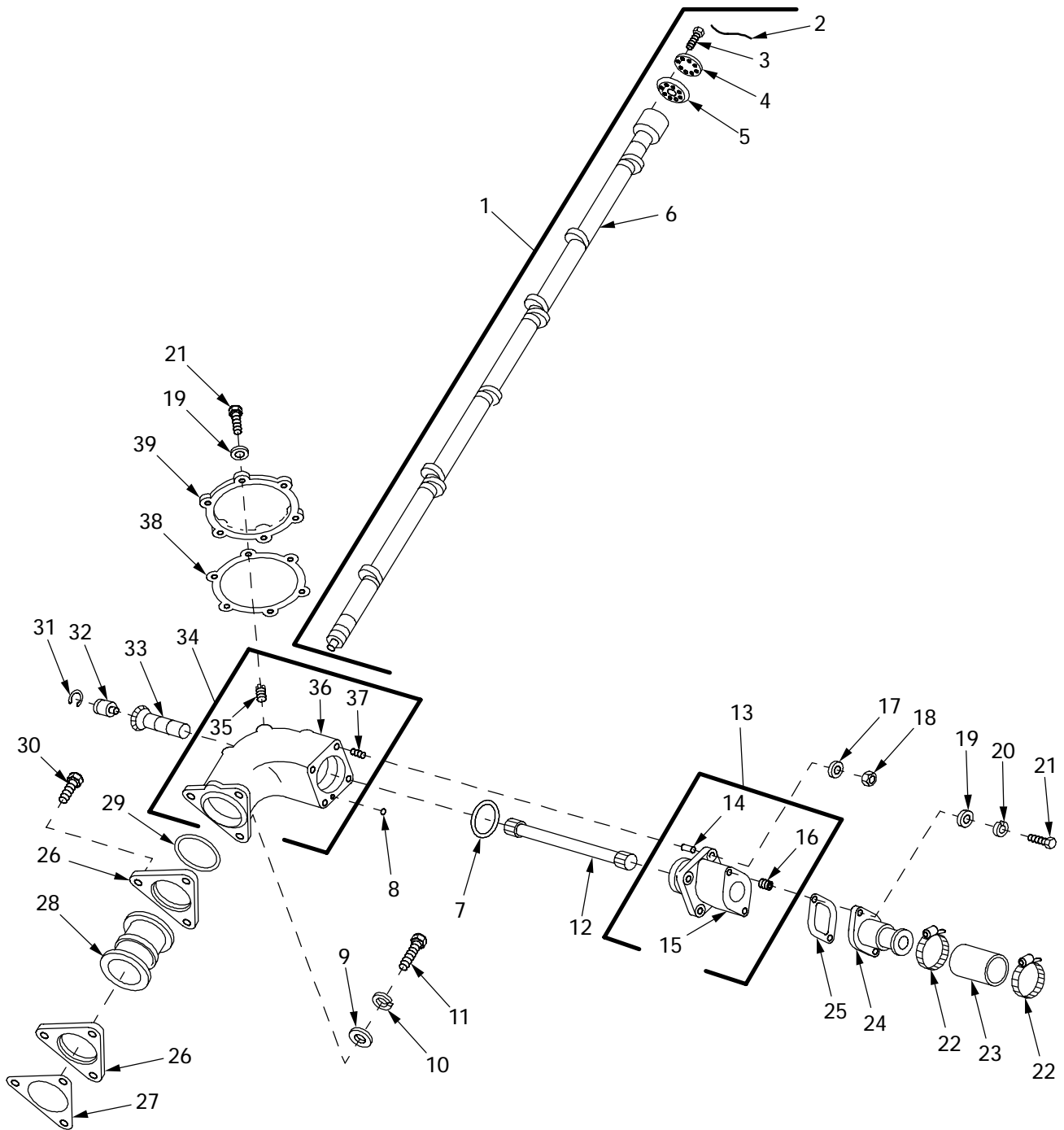


Figure 9. Valves and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0105 VALVES, CAMSHAFTS AND TIMING SYSTEM VALVES AND ASSOCIATED PARTS	
					FIGURE 9 VALVES AND ASSOCIATED PARTS	
1	PAFZZ	5365-00-408-1268	19207	7320384	PLUG,MACHINE THREAD.....	2
2	PAFZZ	3040-01-026-0704	19207	7320394	SHAFT,STRAIGHT.....	1
3	PAFZZ	5330-00-678-3313	19207	8725296	GASKET PART OF KIT P/N E8CR100-013..	2
4	PAFZZ	5340-00-454-8599	19207	7320408	COVER,ACCESS.....	2
5	PAFZZ	5305-00-225-9091	96906	MS90726-36	SCREW,CAP,HEXAGON H 5/16-24 X 1.250,UNF-2A,GRADE 5.....	4
6	PAFZZ	5310-00-167-0820	80205	NAS1149F0563P	WASHER,FLAT.....	4
7	AFFFF		19207	8725295	ROCKER ARM,ENGINE P.....	1
8	PAFFF	2815-00-678-3194	19207	8725293	.ROCKER ARM,ENGINE P.....	1
9	XAFFF		19207	8725271	..ROCKER ARM.....	1
10	PAFZZ	3120-00-678-3196	19207	8725209	..BEARING,SLEEVE.....	2
11	PAFZZ	5310-00-776-7317	19207	7767317	.NUT,PLAIN,HEXAGON.....	1
12	PAFZZ	2805-00-776-7321	02978	7767321	.SCREW ASSEMBLY,ADJU.....	1
13	PAHZZ	2805-00-774-4610	02978	300113	LOCK,VALVE SPRING R.....	4
14	PAHZZ	5340-00-753-9839	02978	515368	SEAT,HELICAL COMPRE.....	1
15	PAHZZ	5360-00-678-3209	19207	7320427	SPRING,HELICAL,COMP.....	2
16	PAHZZ	5360-00-678-3207	19207	7320429	SPRING,HELICAL,COMP.....	2
17	PAHZZ	5360-00-678-3208	19207	7320428	SPRING,HELICAL,COMP.....	2
18	PAHZZ	2805-00-753-9838	02978	515462	ROTOR,ENGINE POPPET.....	1
19	PAHZZ	2815-00-150-7407	19207	11610010	VALVE,POPPET,ENGINE.....	1
20	PAHZZ	2815-00-150-7406	19207	10951239	VALVE,POPPET,ENGINE.....	1
21	PAHZZ	3120-00-275-1610	19207	11668067	BEARING HALF,SLEEVE.....	2
22	PAHZZ	5340-00-679-1591	19207	7744617	SEAT,HELICAL COMPRE.....	1
23	PAHZZ	2805-00-774-4798	02978	302371	LOCK,VALVE SPRING R.....	1
24	AFFFF		19207	8725289	ROCKER ARM ASSEMBLY.....	1
25	PAFZZ	5310-00-776-7317	19207	7767317	.NUT,PLAIN,HEXAGON.....	1
26	PAFFF	2815-00-678-3195	19207	8725281	.ROCKER ARM,ENGINE P.....	1
27	XAFFF		19207	8725280	..ROCKER ARM.....	1
28	PAFZZ	3120-00-678-3197	19207	8725208	..BEARING,SLEEVE.....	2
29	PAFZZ	2805-00-776-7321	02978	7767321	.SCREW ASSEMBLY,ADJU.....	1
30	PAFZZ	3040-01-017-1483	19207	7320393	SHAFT,STRAIGHT.....	1

END OF FIGURE

Camshaft and Drive Gears (Left Bank)



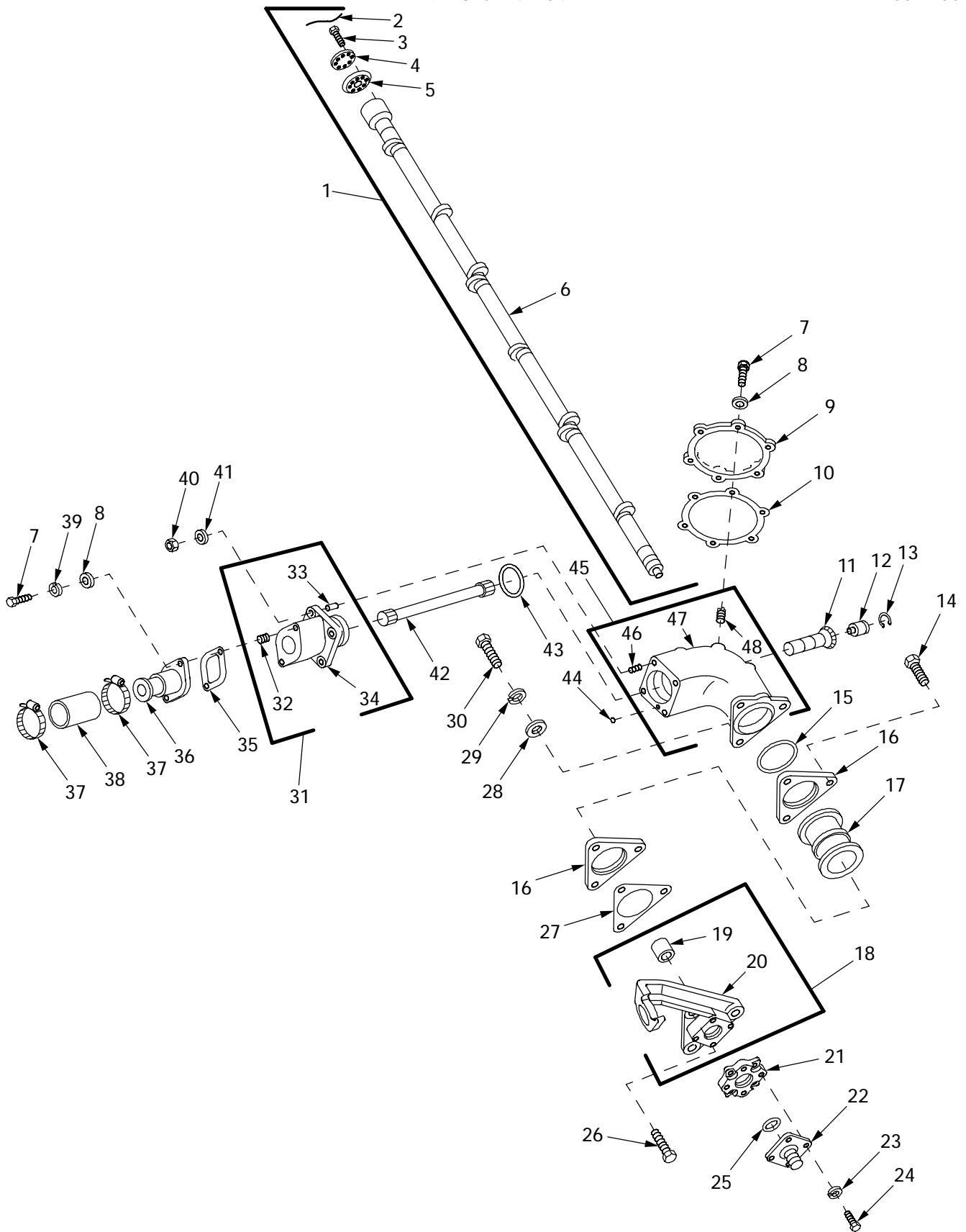
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Figure 10. Camshaft and Drive Gears (Left Bank)

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0105 VALVES, CAMSHAFTS AND TIMING SYSTEM VALVES AND ASSOCIATED PARTS	
					FIGURE 10 CAMSHAFT AND DRIVE GEARS (LEFT BANK)	
1	AHHH			02978 653912	CAMSHAFT ASSEMBLY,E.....	1
2	MHHZZ			96906 MS20995NC40-12	.WIRE,NONELECTRICAL MAKE FROM WIRE, P/N MS20995NC40.....	2
3	PAHZZ	5306-00-906-9702		88044 AN104010	.BOLT,MACHINE .375-24 X .875,UNF-3A,STEEL CAD PLATED.....	8
4	PAHZZ	5340-00-136-1201		19207 8682817	.COVER,ACCESS.....	1
5	KFHZZ			02978 E9A109-001	.GEARSHAFT,BEVEL PART OF KIT P/N E9AR105-0010.....	1
6	PAHZZ	2815-01-433-8141		02978 653982	.CAMSHAFT,ENGINE.....	1
7	PAHZZ	5330-00-579-7918		96906 MS28775-229	O-RING PART OF KIT P/N E8CR100-013..	1
8	PAHZZ	5330-00-582-2133		96906 MS28775-011	PACKING,PREFORMED PART OF KIT P/N E8CR100-013.....	1
9	PAHZZ	5310-00-167-0822		88044 AN960-716	WASHER,FLAT.....	3
10	PAHZZ	5310-00-209-0965		96906 MS35338-47	WASHER,LOCK.....	3
11	PAHZZ	5305-00-709-8515		80204 B1821BH044F138N	SCREW,CAP,HEXAGON H 7/16-20 X 1.375,UNF-2A,GRADE 8.....	3
12	PAHZZ	2815-00-679-8058		02978 583294	SHAFT,SHOULDERED.....	1
13	PAHHH	2815-00-455-9496		19207 8682540	ADAPTOR,CAMSHAFT DR.....	1
14	PAHZZ	5365-00-733-8667		02978 400507	.SPACER,SLEEVE.....	1
15	XAHZZ			19207 8682541	.ADAPTER.....	1
16	PAHZZ	5340-00-514-2321		96906 MS124737	.INSERT,SCREW THREAD.....	2
17	PAHZZ	5310-00-333-7348		19207 8679576	WASHER,FLAT.....	4
18	PAOZZ	5310-00-959-1488		81349 M45913/2-6FG5C	NUT,SELF-LOCKING,HE.....	4
19	PAHZZ	5310-00-167-0820		80205 NAS1149F0563P	WASHER,FLAT.....	8
20	PAOZZ			80204 W211NAA0031NN038 NNCG1	WASHER,LOCK.....	2
21	PAHZZ	5306-00-225-9089		96906 MS90726-34	BOLT,MACHINE 5/16-24 X 1.000,UNF-2A,GRADE 5.....	8
22	PAOZZ	4730-00-908-3193		83299 0612596-00	CLAMP,HOSE.....	2
23	PAOZZ	4720-01-440-5405		06085 12366424-1	HOSE,AIR DUCT.....	2
24	PAHZZ	4730-00-223-7014		19207 8682816	ADAPTER,STRAIGHT,FL.....	1
25	PAHZZ	5330-00-679-8056		63728 583767	GASKET PART OF KIT P/N E8CR100-013..	1
26	PAHZZ	2805-00-407-6761		19207 10865283	FLANGE,CAMSHAFT,ENG.....	10
27	PAHZZ	5330-00-679-8059		63728 586596	GASKET PART OF KIT P/N E8CR100-013..	1
28	PAHZZ	2815-00-394-9719		19207 11684135	SLEEVE,INTERCYLINDE.....	5
29	PAHZZ	5331-00-990-4143		81343 AS3582-230	PACKING,PREFORMED PART OF KIT P/N E8CR100-013.....	1
30	PAHZZ	5305-00-709-8517		96906 MS90727-85	SCREW,CAP,HEXAGON H 7/16-20 X 1.000,UNF-2A,GRADE 8.....	30
31	PAHZZ	5365-00-754-1083		96906 MS16625-1137	RING,RETAINING.....	1
32	PAHZZ	4730-00-490-2172		14351 11682593	FITTING,LUBRICATION.....	1
33	KFHZZ			02978 E9A109-003	GEARSHAFT,BEVEL PART OF KIT P/N E9AR105-0010.....	1
34	PAHHH	2815-00-394-9725		19207 11682701	HOUSING,MECHANICAL.....	1
35	PAHZZ	5325-01-073-2809		96906 MS21209F5-15	.INSERT,SCREW THREAD.....	6
36	XDHZZ			19207 11682702	.HOUSING,MECHANICAL.....	1
37	PAHZZ	5307-00-264-2472		19207 7744813	.STUD,PLAIN 0.003 OVERSIZE.....	4
37	PAHZZ	5307-00-264-2471		28839 401819	.STUD,PLAIN 0.007 OVERSIZE.....	4
38	PAHZZ	5330-00-679-8054		63728 583486	GASKET PART OF KIT P/N E8CR100-013..	1
39	PAHZZ	5340-00-125-3891		19207 8725253	COVER,ACCESS.....	1

END OF FIGURE

Camshaft and Drive Gears (Right Bank)



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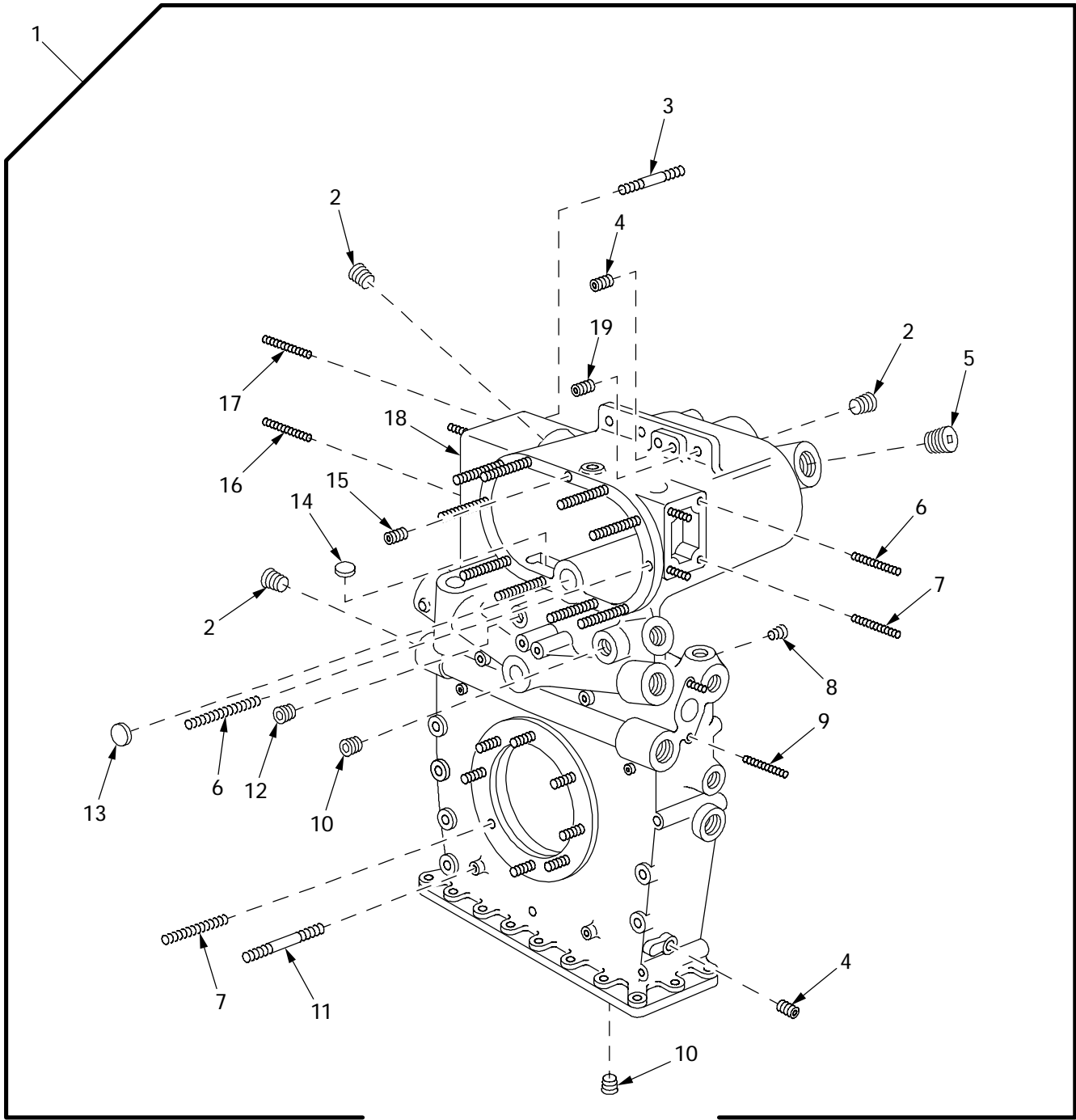
Figure 11. Camshaft and Drive Gears (Right Bank)

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0105 VALVES, CAMSHAFTS AND TIMING SYSTEM VALVES AND ASSOCIATED PARTS	
					FIGURE 11 CAMSHAFT AND DRIVE GEARS (RIGHT BANK)	
1	AHHH		02978	E8DR105-0050	CAMSHAFT ASSEMBLY,E.....	1
2	MHHZZ		96906	MS20995NC40-12	.WIRE,NONELECTRICAL MAKE FROM WIRE, P/N MS20995NC40.....	2
3	PAHZZ	5306-00-906-9702	88044	AN104010	.BOLT,MACHINE .375-24 X .875,UNF-3A,STEEL,CAD PLATED.....	8
4	PAHZZ	5340-00-136-1201	19207	8682817	.COVER,ACCESS.....	1
5	KFHZZ		02978	E9A109-001	.GEARSHAFT,BEVEL PART OF KIT P/N E9AR105-0010.....	1
6	PAHZZ	2815-01-433-8139	02978	E8DR105-0030	.CAMSHAFT,ENGINE.....	1
7	PAHZZ	5306-00-225-9089	96906	MS90726-34	BOLT,MACHINE 5/16-24 X 1.000,UNF-2A,GRADE 5.....	8
8	PAHZZ	5310-00-167-0820	80205	NAS1149F0563P	WASHER,FLAT.....	8
9	PAHZZ	5340-00-125-3891	19207	8725253	COVER,ACCESS.....	1
10	PAHZZ	5330-00-679-8054	63728	583486	GASKET PART OF KIT P/N E8CR100-013..	1
11	KFHZZ		02978	E9A109-003	GEARSHAFT,BEVEL PART OF KIT P/N E9AR105-0010.....	1
12	PAHZZ	4730-00-490-2172	14351	11682593	FITTING,LUBRICATION.....	1
13	PAHZZ	5365-00-754-1083	96906	MS16625-1137	RING,RETAINING.....	1
14	PAHZZ	5305-00-709-8517	96906	MS90727-85	SCREW,CAP,HEXAGON H 7/16-20 X 1.000,UNF-2A,GRADE 8.....	30
15	PAHZZ	5331-00-990-4143	81343	AS3582-230	PACKING,PREFORMED PART OF KIT P/N E8CR100-013.....	1
16	PAHZZ	2805-00-407-6761	19207	10865283	FLANGE,CAMSHAFT,ENG.....	10
17	PAHZZ	2815-00-394-9719	19207	11684135	SLEEVE,INTERCYLINDE.....	5
18	PBHHH	3040-01-422-4193	02978	E8DR130-0360	HUB,BODY.....	1
19	PAHZZ	3120-00-679-8098	19207	8682745	.BEARING,SLEEVE.....	1
20	XAHZZ		02978	E8DR130-035	.ADAPTER.....	1
21	PBOZZ	6680-01-433-6408	02978	E8DR133-001	ADAPTER,SPEEDOMETER.....	1
22	PAOZZ	6680-00-973-1263	96906	MS39132-1	ADAPTER,SPEEDOMETER.....	1
23	PAOZZ		80204	W211NAA0025NN038 NNCG1	WASHER,LOCK.....	4
24	PAOZZ	5305-00-068-0502	96906	MS90725-6	SCREW,CAP,HEXAGON H 1/4-20 X .875,UNC-2A,GRADE 5.....	4
25	PAOZZ	5331-00-297-9990	96906	MS28775-222	O-RING.....	1
26	PAHZZ	5305-00-709-8523	80204	B1821BH044F125N	SCREW,CAP,HEXAGON H 7/16-20 X 1.250,UNF-2A,GRADE 8.....	1
27	PAHZZ	5330-00-679-8059	63728	586596	GASKET PART OF KIT P/N E8CR100-013..	1
28	PAHZZ	5310-00-167-0822	88044	AN960-716	WASHER,FLAT.....	3
29	PAHZZ	5310-00-209-0965	96906	MS35338-47	WASHER,LOCK.....	3
30	PAHZZ	5305-00-709-8515	80204	B1821BH044F138N	SCREW,CAP,HEXAGON H 7/16-20 X 1.375,UNF-2A,GRADE 8.....	3
31	PAHHH	2815-00-455-9496	19207	8682540	ADAPTOR,CAMSHAFT DR.....	1
32	PAHZZ	5340-00-514-2321	96906	MS124737	.INSERT,SCREW THREAD.....	2
33	PAHZZ	5365-00-733-8667	02978	400507	.SPACER,SLEEVE.....	1
34	XAHZZ		19207	8682541	.ADAPTER.....	1
35	PAHZZ	5330-00-679-8056	63728	583767	GASKET PART OF KIT P/N E8CR100-013..	1
36	PAHZZ	4730-00-223-7014	19207	8682816	ADAPTER,STRAIGHT,FL.....	1
37	PAOZZ	4730-00-908-3193	83299	0612596-00	CLAMP,HOSE.....	2
38	PAOZZ	4720-01-440-5405	06085	12366424-1	HOSE,AIR DUCT.....	1
39	PAOZZ		80204	W211NAA0031NN038 NNCG1	WASHER,LOCK.....	2
40	PAOZZ	5310-00-959-1488	81349	M45913/2-6FG5C	NUT,SELF-LOCKING,HE.....	4
41	PAHZZ	5310-00-333-7348	19207	8679576	WASHER,FLAT.....	4
42	PAHZZ	2815-00-679-8058	02978	583294	SHAFT,SHOULDERED.....	1
43	PAHZZ	5330-00-579-7918	96906	MS28775-229	O-RING PART OF KIT P/N E8CR100-013..	1
44	PAHZZ	5330-00-582-2133	96906	MS28775-011	PACKING,PREFORMED PART OF KIT P/N E8CR100-013.....	1

TM 9-2815-247-34P							0012 00
(1)	(2)	(3)	(4) (5)		(6)	(7)	
ITEM	SMR	NSN	CAGE	PART	DESCRIPTION AND	QTY	
NO				NUMBER	USABLE ON CODE (UOC)		
45	PAHHH	2815-00-394-9726	19207	11682703	HOUSING,MECHANICAL.....	1	
46	PAHZZ	5307-00-264-2472	19207	7744813	.STUD,PLAIN 0.003 OVERSIZE.....	4	
46	PBHZZ	5307-00-264-2471	28839	401819	.STUD,PLAIN 0.007 OVERSIZE.....	4	
47	XAHZZ		19207	11682704	.HOUSING.....	1	
48	PAHZZ	5325-01-073-2809	96906	MS21209F5-15	.INSERT,SCREW THREAD.....	6	

END OF FIGURE

Crankshaft Damper and Oil Filter Housing and Associated Parts



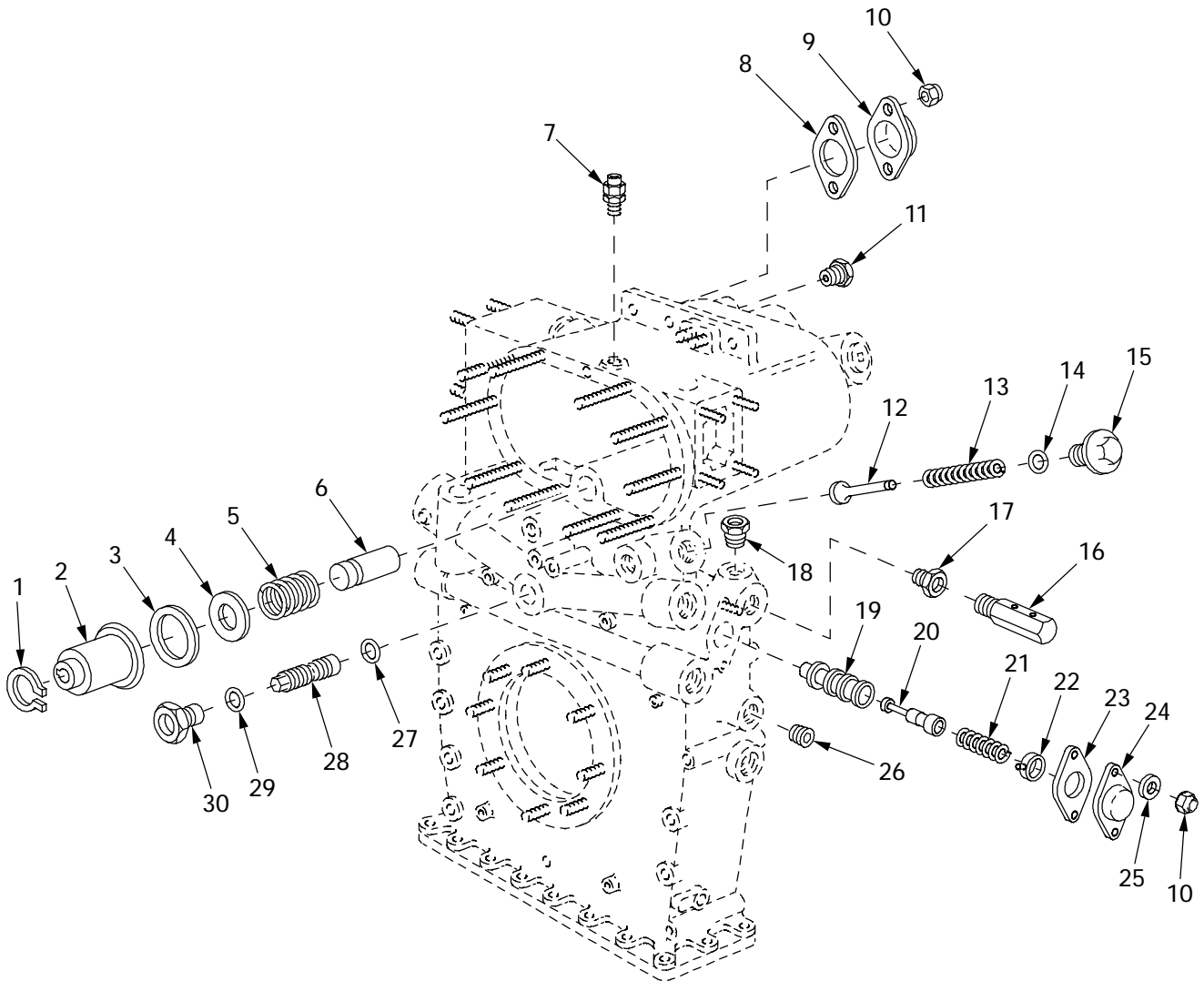
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Figure 12. Crankshaft Damper and Oil Filter Housing and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0106 ENGINE LUBRICATION SYSTEM	
					FIGURE 12 CRANKSHAFT DAMPER AND OIL FILTER HOUSING AND ASSOCIATED PARTS	
1	PBHHH	2815-01-426-3916	02978	E8CR106-0011	HOUSING ASSEMBLY,CR.....	1
2	PAZZ	4730-00-010-3867	81348	WW-P-471AASBUC	.PLUG,PIPE.....	5
3	PAZZ	5307-00-776-7804	19207	7767804	.STUD,PLAIN 0.003 OVERSIZE.....	2
3	PAZZ	5307-00-776-7805	19207	7767805	.STUD,PLAIN 0.007 OVERSIZE.....	2
4	PAZZ	5325-01-073-2809	96906	MS21209F5-15	.INSERT,SCREW THREAD.....	4
5	PAZZ	4730-00-044-4715	24617	444715	.PLUG,PIPE.....	2
6	PAZZ	5307-00-866-6736	19207	8666736	.STUD,PLAIN 0.003 OVERSIZE.....	12
6	PAZZ	5307-00-866-6737	19207	8666737	.STUD,PLAIN 0.007 OVERSIZE.....	12
7	PAZZ	5307-00-774-4572	19207	7744572	.STUD,PLAIN 0.003 OVERSIZE.....	10
7	PAZZ	5307-00-774-4573	19207	7744573	.STUD,PLAIN 0.007 OVERSIZE.....	10
8	PAZZ	4730-01-030-4950	81348	WW-P-471ACABDA	.PLUG,PIPE.....	1
9	PAZZ	5307-00-638-7608	03104	401975S	.STUD,PLAIN 0.007 OVERSIZE.....	2
9	PAZZ	5307-00-734-8668	19207	7348668	.STUD,PLAIN 0.003 OVERSIZE.....	2
10	PAZZ	4730-00-278-2966	96906	MS27769C6	.PLUG,PIPE.....	3
11	PAZZ	5307-00-741-5385	02978	401965S	.STUD,PLAIN 0.007 OVERSIZE.....	1
11	PAZZ	5307-00-741-5384	19207	7415384	.STUD,PLAIN 0.003 OVERSIZE.....	1
12	PAZZ	4730-00-555-8291	10001	12Z329PC93	.PLUG,PIPE.....	1
13	PAZZ	5340-00-828-2830	96906	MS9176-28	.PLUG,EXPANSION.....	1
14	PAZZ	5340-00-468-1596	19207	11668623-1	.PLUG,EXPANSION.....	1
15	PAZZ	5325-00-680-8768	96906	MS21209F6-15	.INSERT,SCREW THREAD.....	1
16	PAZZ	5307-00-734-8812	19207	7348812	.STUD,PLAIN 0.003 OVERSIZE.....	2
16	PAZZ	5307-00-734-8813	19207	7348813	.STUD,PLAIN 0.007 OVERSIZE.....	2
17	PAZZ	5307-00-264-2472	19207	7744813	.STUD,PLAIN 0.003 OVERSIZE.....	2
17	PAZZ	5307-00-264-2471	28839	401819	.STUD,PLAIN 0.007 OVERSIZE.....	2
18	XAZZ		02978	E9AR134-009	.HOUSING.....	1
19	PAZZ	5325-00-829-2141	96906	MS21209F4-15	.INSERT,SCREW THREAD.....	3

END OF FIGURE

Crankshaft Damper and Oil Filter Housing and Associated Parts



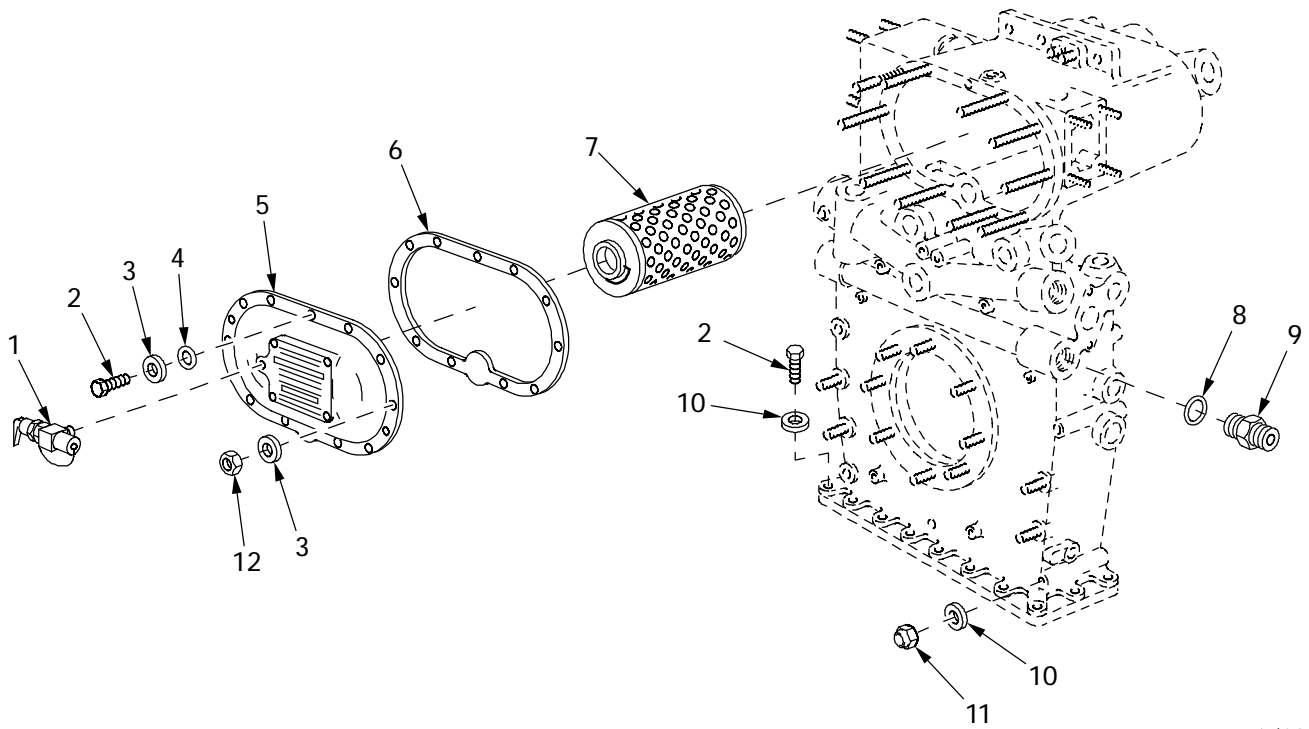
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Figure 13. Camshaft Damper and Oil Filter Housing and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0106 ENGINE LUBRICATION SYSTEM	
					FIGURE 13 CAMSHAFT DAMPER AND OIL FILTER HOUSING AND ASSOCIATED PARTS	
1	PAOZZ	5365-00-803-7317	96906	MS16624-1131	RING,RETAINING.....	2
2	PAOZZ	2940-00-392-9633	19207	11684053	FILTER BODY,FLUID.....	2
3	PAOZZ	5330-00-486-0320	19207	11684058	RETAINER,PACKING.....	2
4	PAOZZ	5310-00-477-0789	19207	11684034	WASHER,FLAT.....	2
5	PAOZZ	5360-00-510-4109	19207	11684066	SPRING,HELICAL,COMP.....	2
6	PAOZZ	4330-00-516-1265	19207	11684060	BRACKET,FILTER MOUN.....	2
7	PAOZZ	4730-00-837-7073	96906	MS51500A4-4S	ADAPTER,STRAIGHT,PI.....	1
8	PAHZZ	5330-00-678-5388	19207	8682680	GASKET.....	1
9	PAHZZ	5340-01-433-2751	02978	E8DR135-001	COVER,BREATHING VENT.....	1
10	PAHZZ	5310-00-088-0553	96906	MS21044N5	NUT,SELF-LOCKING,HE.....	4
11	PAOZZ	4730-00-873-0110	81343	6-2 140140C	REDUCER,PIPE.....	1
12	PAFZZ	2815-00-678-3218	02978	8725222	PLUNGER,RELIEF VALV.....	1
13	PAFZZ	5360-00-678-3276	19207	8682815	SPRING,HELICAL,COMP.....	1
14	PAFZZ	5330-00-269-2844	96906	MS35769-47	GASKET.....	1
15	PAFZZ	5365-00-402-8380	19207	8725218	PLUG,MACHINE THREAD.....	1
16	PAOZZ	4730-01-433-4996	02978	679858	ADAPTER,OIL SWITCHE.....	1
17	PAOZZ	4730-00-448-9896	19207	11684133	BUSHING,PIPE.....	1
18	PAOZZ	4730-00-278-3888	81343	12-8 140140C	REDUCER,PIPE.....	1
19	PAFZZ	2815-00-397-3314	19207	11684033	SLEEVE,OIL PRESSURE.....	1
20	PAFZZ	2815-00-678-3223	19207	8725276	PLUNGER,REGULATOR V.....	1
21	PAFZZ		19207	CPR1041	SPRING,HELICAL,COMP.....	1
22	PAFZZ	4310-00-406-4619	19207	8725224	PLATE,VALVE STOP.....	1
23	PAFZZ	5330-00-678-3221	19207	8725239	GASKET.....	1
24	PAFZZ	5340-00-151-5991	19207	8725211	COVER,ACCESS.....	1
25	PAFZZ	5310-00-167-0820	80205	NAS1149F0563P	WASHER,FLAT.....	2
26	PAHZZ	4730-00-044-4705	10001	345889PC404	PLUG,PIPE.....	1
27	PAHZZ	5330-00-166-1072	81349	M83248/1-118	O-RING.....	1
28	PAHZZ	4820-00-394-9693	19207	11683925	VALVE,PLUG.....	1
29	PAHZZ	5330-00-199-5886	96906	MS35769-35	GASKET.....	1
30	PAHZZ	4730-00-423-3677	19207	11683926	ADAPTER,STRAIGHT,TU.....	1

END OF FIGURE

Crankshaft Damper and Oil Filter Housing and Associated Parts



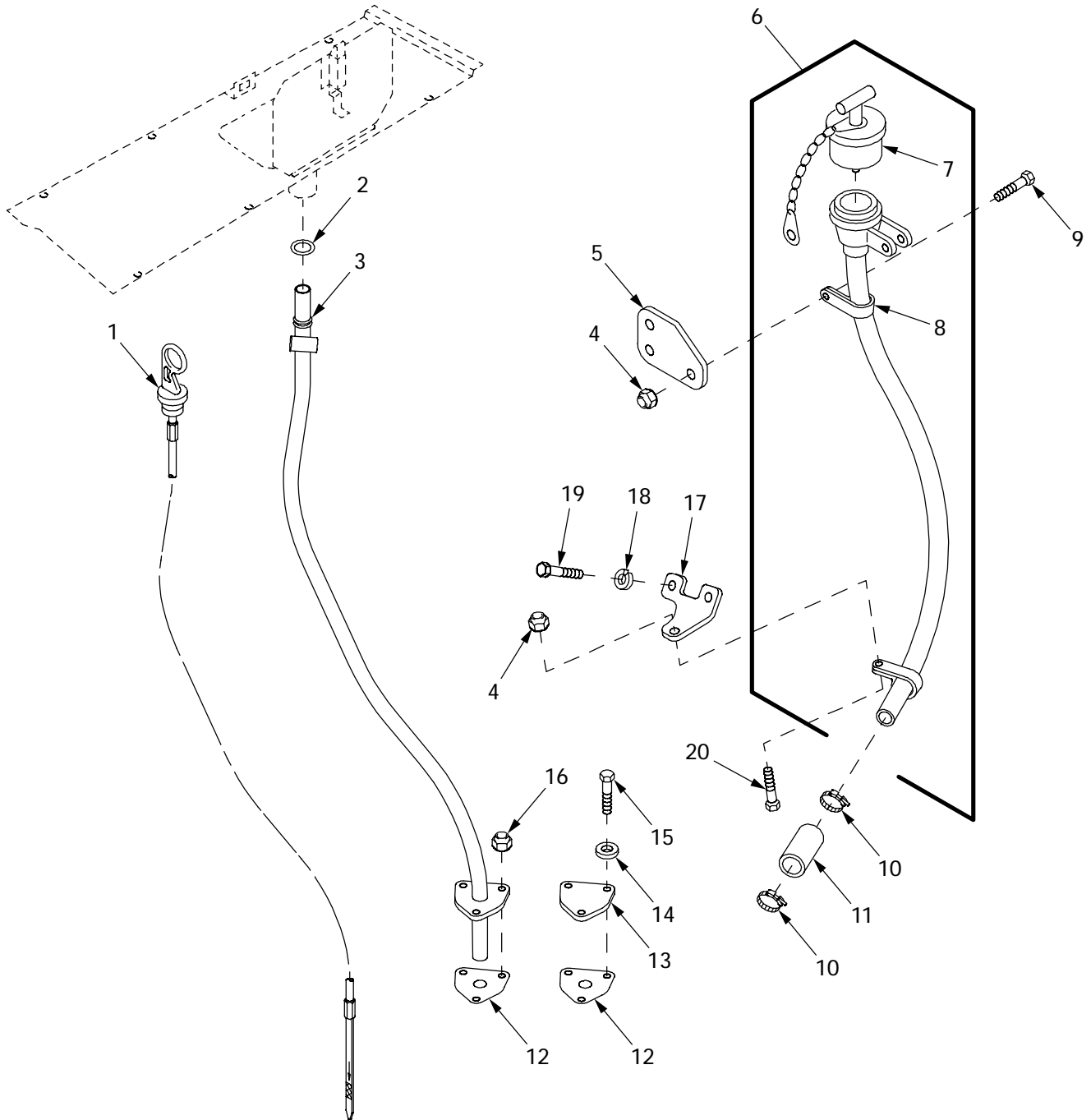
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Figure 14. Crankshaft Damper and Oil Filter Housing and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0106 ENGINE LUBRICATION SYSTEM	
					FIGURE 14 CRANKSHAFT DAMPER AND OIL FILTER HOUSING AND ASSOCIATED PARTS	
1	PAOZZ	2910-01-073-0080	19207	11669424	COCK, DRAIN.....	1
2	PAOZZ	5305-00-269-3239	80204	B1821BH038F138N	SCREW, CAP, HEXAGON H 3/8-24 x 1.375, UNF-2A, GRADE 8.....	13
3	PAOZZ	5310-00-184-8974	96906	MS9320-12	WASHER, FLAT PART OF KIT P/N 5704486.	11
4	PAOZZ	5330-00-003-9302	80205	NAS1523-6Y	PACKING WITH RETAIN PART OF KIT P/N 5704486.....	1
5	PAOZZ	2940-01-070-5969	19207	11684043-1	COVER, FLUID FILTER.....	1
6	PAOZZ	5330-01-298-4850	19207	11684047	GASKET PART OF KIT P/N 5704486.....	1
7	PAOZZ	4330-00-000-0145	19207	11668619	FILTER ELEMENT, FLUI PART OF KIT P/N 5704486.....	2
8	PAOZZ	5330-01-053-2920	19207	7403580-1	GASKET.....	4
9	PAOZZ	4730-00-678-3303	50036	7324900	ADAPTER, STRAIGHT, TU.....	4
10	PAHZZ	5310-00-333-7348	19207	8679576	WASHER, FLAT.....	18
11	PAHZZ	5310-00-950-0039	96906	MS21044N6	NUT, SELF-LOCKING, HE.....	10
12	PAOZZ	5310-00-982-4908	96906	MS21045-6	NUT, SELF-LOCKING, HE.....	10

END OF FIGURE

Oil Level Indicator and Oil Filter Tubes



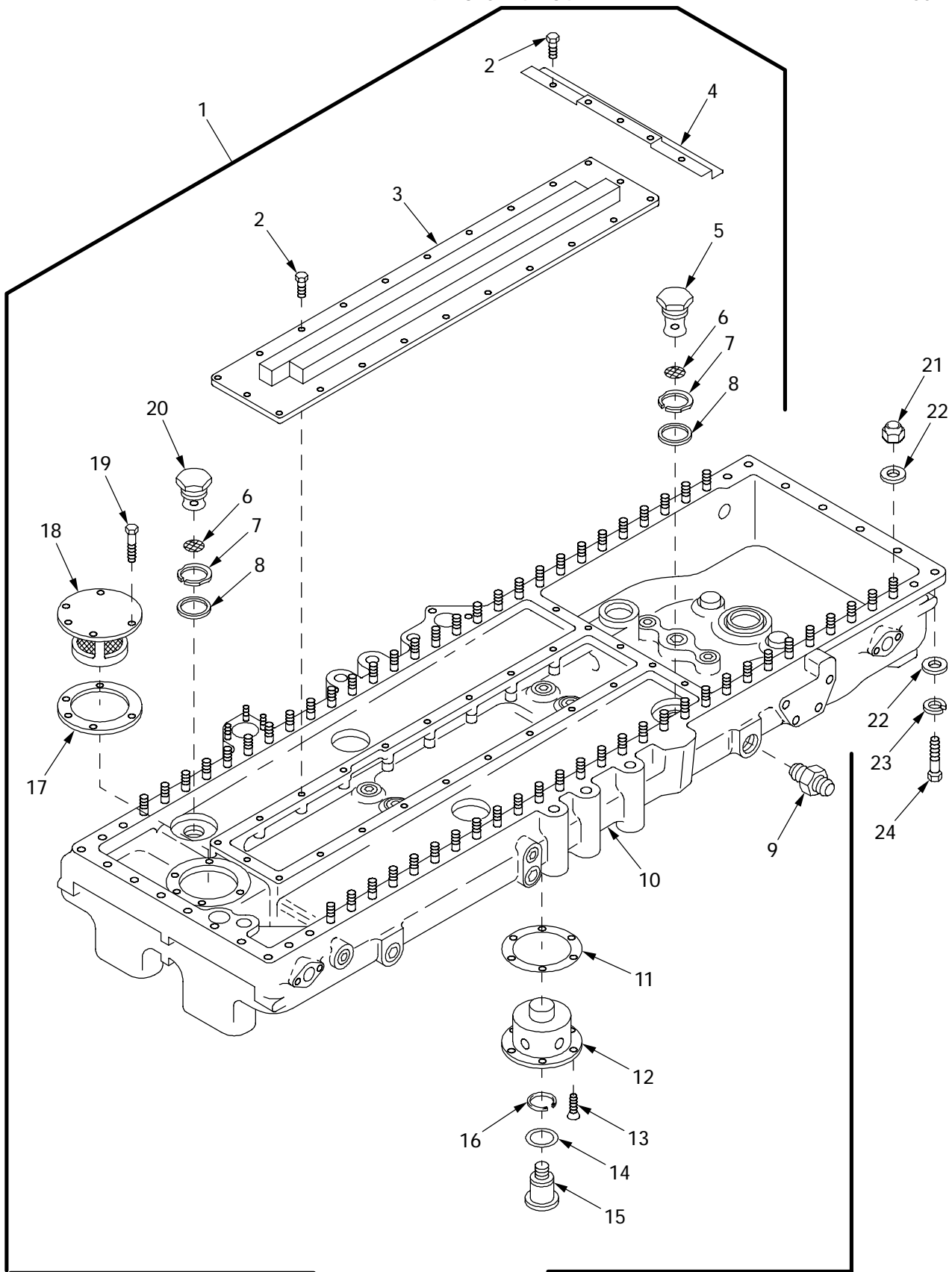
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Figure 15. Oil Level Indicator and Oil Filter Tubes

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0106 ENGINE LUBRICATION SYSTEM	
					FIGURE 15 OIL LEVEL INDICATOR AND OIL FILTER TUBES	
1	PAOZZ	6680-01-433-6434	02978	E8DR106-016	GAGE ROD, LIQUID LEV.....	1
2	PAOZZ	5330-01-005-4043	81349	M83248/1-314	O-RING.....	1
3	PBOZZ	4710-01-434-5181	02978	E8CR106-002	TUBE, BENT, METALLIC.....	1
4	PAOZZ	5310-00-959-1488	81349	M45913/2-6FG5C	NUT, SELF-LOCKING, HE.....	2
5	PAOZZ	5340-01-433-3412	02978	E8CR106-015	BRACKET, MOUNTING.....	1
6	PBOOO	2590-01-433-5252	02978	E8CR106-0070	FILLER NECK.....	1
7	PAOZZ	5340-01-433-2739	01943	44004-10	.CAP, FILLER OPENING.....	1
8	XAOZZ		02978	E8CR106-0060	.TUBE ASSEMBLY.....	1
9	PAOZZ	5305-00-269-2803	96906	MS90726-60	SCREW, CAP, HEXAGON H 3/8-24 X 1.000, UNF-2A, GRADE 5.....	1
10	PAOZZ	4730-00-909-8627	01276	FF9311-36	CLAMP, HOSE.....	2
11	MOOZZ		19207	8357967-4	HOSE, NONMETALLIC MAKE FROM HOSE, P/N 1631082.....	1
12	PAOZZ	5330-00-679-4961	63728	585094	GASKET.....	2
13	PBHZZ	5340-01-433-2366	19207	8761132	COVER, ACCESS.....	1
14	PAHZZ	5330-00-530-2772	25184	110 5-16	PACKING WITH RETAIN.....	3
15	PAHZZ	5306-00-225-9089	96906	MS90726-34	BOLT, MACHINE 5/16-24 X 1.000, UNF-2A, GRADE 5.....	3
16	PAOZZ	5310-00-088-0553	96906	MS21044N5	NUT, SELF-LOCKING, HE.....	3
17	PAOZZ	5340-01-052-5072	19207	11682610	BRACKET, ANGLE.....	1
18	PAHZZ	5310-00-637-9541	80204	W211NAA0037NN038 NNCG1	WASHER, LOCK.....	2
19	PAOZZ		80204	S210NA38FAK19354 BNCG1	SCREW.....	1
20	PAOZZ		80204	S210NA38FAK16354 BNCG1	SCREW 3/8-24 X .875, UNF-2A, GRADE 8.	1

END OF FIGURE

Oil Pan, Cover and Associated Parts



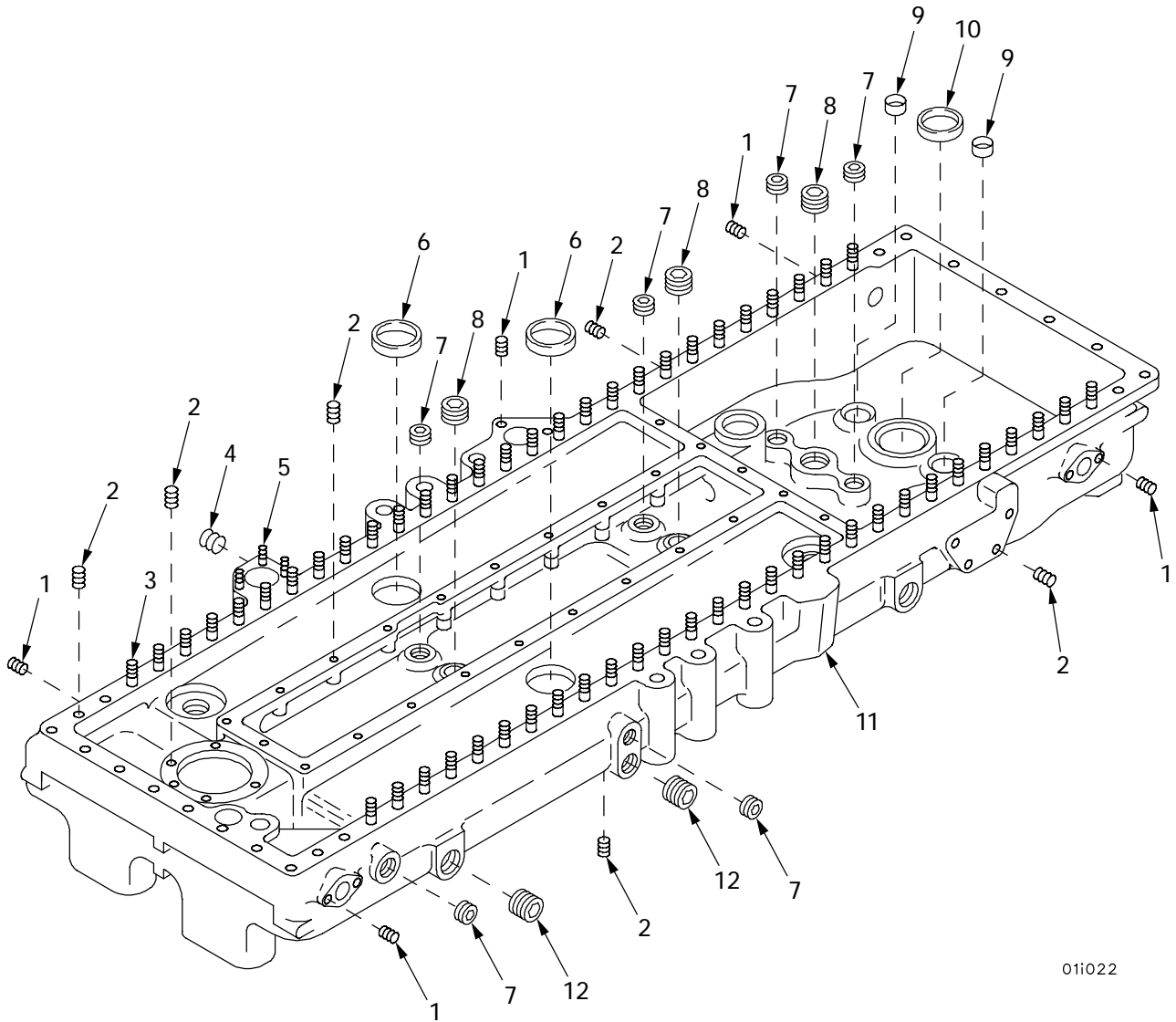
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Figure 16. Oil Pan, Cover and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0106 ENGINE LUBRICATION SYSTEM	
					FIGURE 16 OIL PAN, COVER AND ASSOCIATED PARTS	
1	PBH HH	2815-01-441-9580	02978	677100	PARTS KIT,OIL PAN.....	1
2	PAHZZ	5305-00-269-3234	80204	B1821BH038F075N	.SCREW,CAP,HEXAGON H 3/8-24 X .750,UNF-2A,GRADE 8.....	24
3	XAHZZ		19207	11683950	.COVER.....	1
4	PAHZZ	5340-00-492-1561	19207	11684002	.BRACKET,DOUBLE ANGL.....	1
5	PAHZZ	5330-00-410-1050	19207	11684007	.RETAINER,OIL SEAL.....	1
6	PAHZZ	2815-00-410-1196	19207	11684035	.SCREEN,OIL PAN RESE.....	2
7	PAHZZ	5365-00-558-8482	96906	MS16627-1112	.RING,RETAINING.....	2
8	PAHZZ	5330-00-196-6714	88044	AN901-20C	.GASKET PART OF KIT P/N E8CR100-013.	2
9	PAOZZ	4730-00-627-2017	96906	MS51500A8-12S	.ADAPTER,STRAIGHT,PI.....	1
10	XAH HH		02978	676504	.OIL PAN ASSEMBLY.....	1
11	KFHZZ		19207	11684054	.GASKET PART OF KIT P/N E8CR100-013.	1
12	PAHZZ		19207	11684061	.ADAPTER.....	1
13	PAHZZ		96906	MS24668-28	.SCREW 3/8-24 X 1.000,UNF-3A,ALLOY STEEL.....	6
14	PAOZZ	5330-00-486-0346	19207	11684095	.GASKET.....	1
15	PAOZZ	5365-00-518-5041	19207	11684091	.PLUG,MACHINE THREAD.....	1
16	PAOZZ	5365-00-989-7682	96906	MS16626-1143	.RING,RETAINING.....	1
17	PAHZZ	5330-00-486-0302	19207	11684040	.GASKET PART OF KIT P/N E8CR100-013.	1
18	PAHZZ	2815-00-410-1143	19207	11684062	.SCREEN OIL PAN SCAV.....	1
19	PAHZZ	5305-00-912-5113	96906	MS51096-359	.SCREW,CAP,HEXAGON H 3/8-24 X .875,UNF-2A,GRADE 5.....	5
20	PAHZZ	5330-00-394-9723	19207	11683999	.RETAINER,OIL SEAL.....	1
21	PAHZZ	5310-00-950-0039	96906	MS21044N6	NUT,SELF-LOCKING,HE.....	56
22	PAHZZ	5310-00-333-7348	19207	8679576	WASHER,FLAT.....	64
23	PAOZZ		80204	W211NAA0037NN038 NNCG1	WASHER,FLAT.....	8
24	PAHZZ	5306-00-822-5176	96906	MS20073-06-11	BOLT,MACHINE 3/8-24 X 1.172,UNF-3A,STEEL.....	8

END OF FIGURE

Oil Pan and Associated Parts



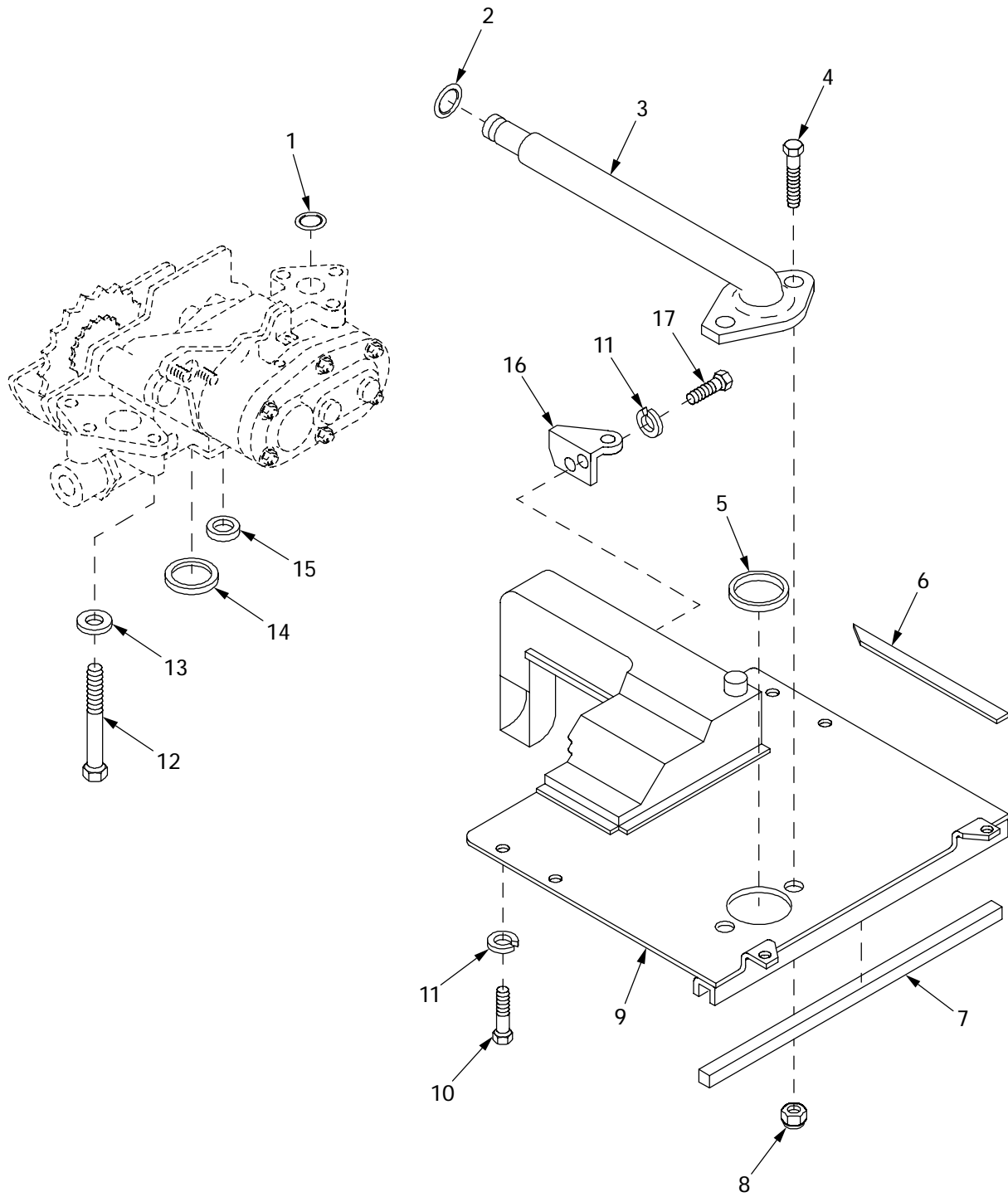
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Figure 17. Oil Pan and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0106 ENGINE LUBRICATION SYSTEM	
					FIGURE 17 OIL PAN AND ASSOCIATED PARTS	
1	PAHZZ	5325-00-582-7256	96906	MS21209F5-20	INSERT, SCREW THREAD.....	11
2	PAHZZ	5325-00-678-3311	96906	MS21209F6-20	INSERT, SCREW THREAD.....	55
3	PAHZZ	5307-00-866-6736	19207	8666736	STUD, PLAIN 0.003 OVERSIZE.....	56
3	PAHZZ	5307-00-866-6737	19207	8666737	STUD, PLAIN 0.007 OVERSIZE.....	56
4	PAHZZ	4730-00-044-4689	28839	401752	PLUG, PIPE.....	1
5	PAHZZ	5307-00-734-8596	19207	7348596	STUD, PLAIN 0.007 OVERSIZE.....	3
5	PAHZZ	5307-00-741-0395	28839	401895J	STUD, PLAIN 0.003 OVERSIZE.....	3
6	PAHZZ	5340-01-014-7060	19207	11668623-3	PLUG, EXPANSION.....	2
7	PAHZZ	4730-00-555-8291	10001	12Z329PC93	PLUG, PIPE.....	6
8	PAHZZ	4730-00-010-3867	81348	WW-P-471AASBUC	PLUG, PIPE.....	3
9	PBHZZ		19207	11684073-3	TUBE, METALLIC.....	2
10	XAHZZ		19207	11684073-6	TUBE, METALLIC.....	1
11	XAHZZ		19207	11683995	OIL PAN.....	1
12	PAHZZ	4730-00-044-4715	24617	444715	PLUG, PIPE.....	2

END OF FIGURE

Oil Pressure Compartment Baffle, Oil Pump Leveling Tube and Associated Parts



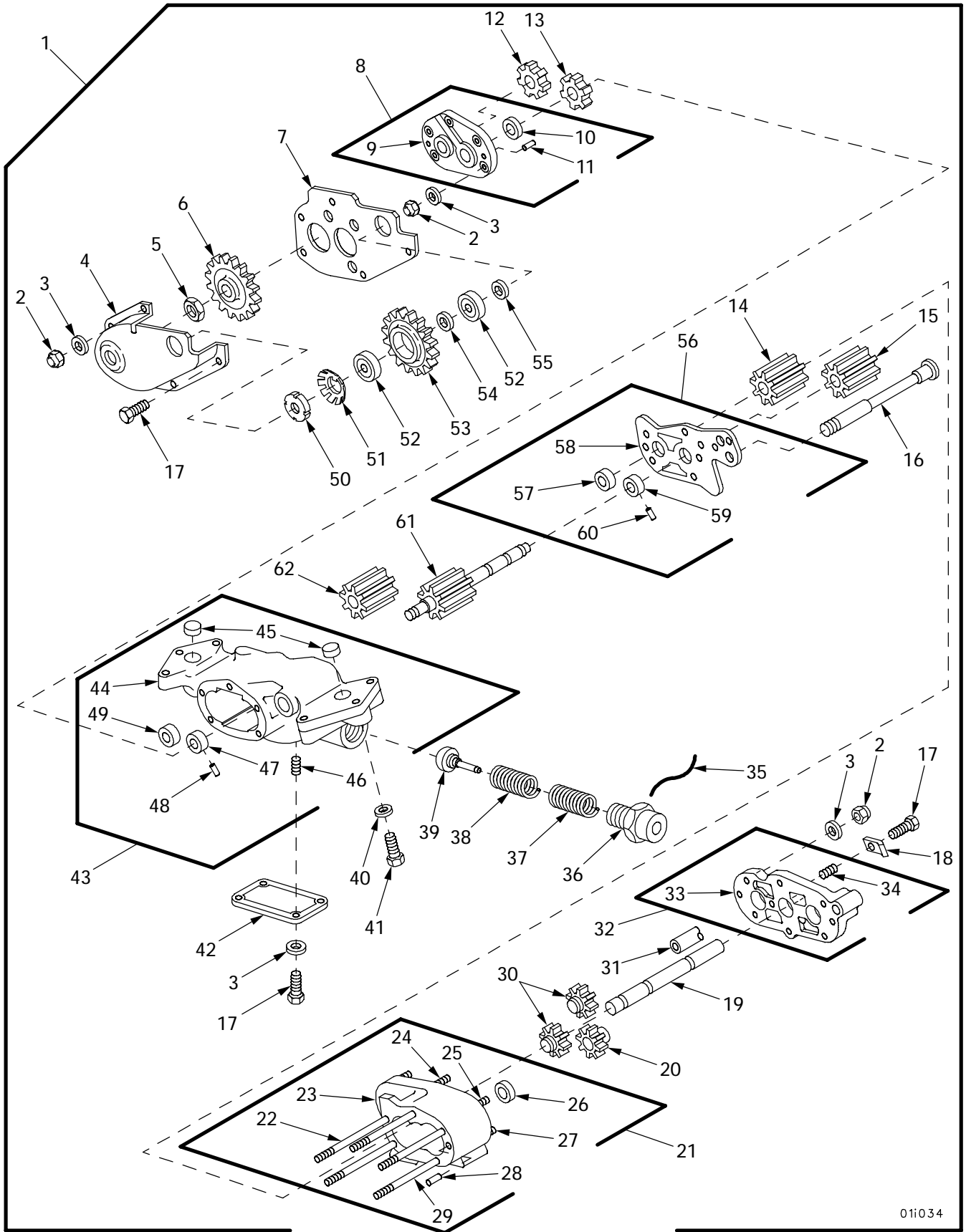
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Figure 18. Oil Pressure Compartment Baffle, Oil Pump Leveling Tube and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0106 ENGINE LUBRICATION SYSTEM	
					FIGURE 18 OIL PRESSURE COMPARTMENT BAFFLE, OIL PUMP LEVELING TUBE AND ASSOCIATED PARTS	
1	PAHZZ	5330-00-167-5112	81349	M83248/1-123	O-RING PART OF KIT P/N E8CR100-013..	2
2	PAHZZ	5330-00-166-0993	81349	M83248/1-017	O-RING PART OF KIT P/N E8CR100-013..	1
3	PBHZZ	4710-00-410-1963	19207	11683975	TUBE ASSEMBLY, METAL.....	1
4	PAOZZ	5305-00-269-2803	96906	MS90726-60	SCREW, CAP, HEXAGON H 3/8-24 X 1.000, UNF-2A, GRADE 5.....	2
5	PAHZZ	5330-00-492-1777	19207	11684075	GASKET PART OF KIT P/N E8CR100-013..	1
6	MHHZZ		19207	11684037	RUBBER STRIP MAKE FROM RUBBER SHEET, P/N 11678085-2.....	2
7	MHHZZ		19207	11684038	RUBBER STRIP MAKE FROM RUBBER SHEET, P/N 11678085-1.....	1
8	PAOZZ	5310-00-982-4908	96906	MS21045-6	NUT, SELF-LOCKING, HE.....	2
9	PAHZZ	2815-00-397-3305	19207	11684036	DEFLECTOR, DIRT AND.....	1
10	PAHZZ	5306-00-050-1238	80204	B1821BH031F075N	BOLT, MACHINE 5/16-24 X .750, UNF-2A, GRADE 8.....	6
11	PAOZZ		80204	W211NAA0031NN038 NNCG1	WASHER, LOCK.....	8
12	PAHZZ	5305-00-942-2170	96906	MS51096-364	SCREW, CAP, HEXAGON H 3/8-24 X 2.000, UNF-2A, GRADE 5.....	5
13	PAHZZ	5310-00-333-7348	19207	8679576	WASHER, FLAT.....	5
14	PAHZZ	5330-00-483-9490	19207	11684039-4	GASKET PART OF KIT P/N E8CR100-013..	1
15	PAHZZ	5330-00-492-1784	19207	11684039-2	GASKET PART OF KIT P/N E8CR100-013..	2
16	PAHZZ	5340-00-423-3976	19207	11684052	BRACKET, MOUNTING.....	1
17	PAHZZ	5306-00-225-9086	96906	MS90726-31	BOLT, MACHINE 5/16-24 X .625, UNF-2A, GRADE 5.....	2

END OF FIGURE

Oil Pump Assembly



01i034

Figure 19. Oil Pump Assembly

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 0106 ENGINE LUBRICATION SYSTEM						
FIGURE 19 OIL PUMP ASSEMBLY						
1	PAHHD	2815-01-433-9603	02978	E8AR106-0160	OIL PUMP ASSEMBLY,E.....	1
2	PAHZZ	5310-00-088-0553	96906	MS21044N5	.NUT,SELF-LOCKING,HE.....	14
3	PAHZZ	5310-00-194-0636	96906	MS9320-11	.WASHER,FLAT.....	16
4	PBHZZ	5340-00-409-8130	19207	11684013	.COVER,ACCESS.....	1
5	PAHZZ	5310-01-014-1087	19207	11668622	.NUT,SELF-LOCKING,HE.....	1
6	PAHZZ	3020-01-434-5419	02978	650338	.GEAR,SPUR.....	1
7	XAHZZ		19207	11683963	.PLATE.....	1
8	XAHDD		19207	11683969	.COVER ASSEMBLY.....	1
9	XADZZ		19207	11683961	..COVER.....	1
10	KDDZZ		19207	11684105-4	..BEARING,SLEEVE PART OF KIT P/N 5704485.....	1
11	PADZZ	5315-00-058-9919	19207	MJ3-202-589919	..PIN,STRAIGHT,HEADLE.....	2
12	XAHZZ		19207	11684044	.IMPELLER.....	1
13	XAHZZ		19207	11684045	.IMPELLER.....	1
14	XAHZZ		19207	11683955	.IMPELLER.....	1
15	XAHZZ		19207	11683956	.IMPELLER.....	1
16	XAHZZ		19207	11683944	.SHAFT.....	1
17	PAHZZ	5306-00-225-9086	96906	MS90726-31	.BOLT,MACHINE 5/16-24 X .625,UNF-2A,GRADE 5.....	8
18	PAHZZ	5310-01-014-1090	19207	11684042	.PLATE,LOCK.....	1
19	XDHZZ		19207	11683945	.SHAFT,SHOULDERED.....	1
20	XAHZZ		19207	11683958	.IMPELLER.....	1
21	XAHDD		19207	11683997	.HOUSING ASSEMBLY.....	1
22	PAHZZ	5307-01-019-8946	19207	8365383-6	..STUD,PLAIN 0.003 OVERSIZE.....	2
22	PAHZZ	5307-01-019-8947	19207	8365383-7	..STUD,PLAIN 0.007 OVERSIZE.....	2
23	XADZZ		19207	11683946	..HOUSING.....	1
24	PAHZZ	5307-01-014-7885	19207	7348663	..STUD,PLAIN 0.007 OVERSIZE.....	5
24	PAHZZ	5307-00-026-8489	28839	401809H	..STUD,PLAIN 0.003 OVERSIZE.....	5
25	PAHZZ	5307-01-013-3088	19207	7084536	..STUD,PLAIN 0.003 OVERSIZE.....	1
25	PAHZZ	5307-01-013-3089	19207	7084537	..STUD,PLAIN 0.007 OVERSIZE.....	1
26	KDDZZ		19207	11684105-5	..BEARING,SLEEVE PART OF KIT P/N 5704485.....	1
27	PADZZ	5315-00-823-8735	96906	MS16555-49	..PIN,STRAIGHT,HEADLE.....	2
28	PADZZ	5315-00-058-9919	19207	MJ3-202-589919	..PIN,STRAIGHT,HEADLE.....	2
29	PAHZZ	5307-01-147-3350	19207	8745446	..STUD,PLAIN 0.003 OVERSIZE.....	3
29	PAHZZ	5307-00-573-5569	19207	8745447	..STUD,PLAIN 0.007 OVERSIZE.....	3
30	XAHZZ		19207	11683957	.IMPELLER.....	2
31	XAHZZ		19207	11683959	.SHAFT.....	1
32	XAHHH		19207	11683951	.COVER ASSEMBLY.....	1
33	XAHZZ		19207	11683929	..COVER.....	1
34	PAHZZ	5325-01-073-2809	96906	MS21209F5-15	..INSERT,SCREW THREAD.....	1
35	MHHZZ		96906	MS20995NC40-12	.WIRE,NONELECTRICAL MAKE FROM WIRE, P/N MS20995NC40.....	1
36	XAHZZ		19207	8725115	.CAP.....	1
37	PAHZZ	5360-00-679-4964	02978	8725113	.SPRING,HELICAL,COMP.....	1
38	PAHZZ	5360-00-679-4966	02978	583707	.SPRING,HELICAL,COMP.....	1
39	XAHZZ		19207	8725099	.VALVE.....	1
40	PAHZZ	5310-00-333-7348	19207	8679576	.WASHER,FLAT.....	1
41	PAHZZ	5305-00-942-2170	96906	MS51096-364	.SCREW,CAP,HEXAGON H 3/8-24 X 2.000,UNF-2A,GRADE 5.....	1
42	XAHZZ		19207	11683973	.SCREEN.....	1
43	XAHDD		19207	11683971	.HOUSING ASSEMBLY.....	1
44	XADZZ		19207	11683965	..HOUSING.....	1
45	XAHZZ		19207	11684086	..TUBE,OIL TRANSFER.....	2
46	PAHZZ	5325-01-073-2809	96906	MS21209F5-15	..INSERT,SCREW THREAD.....	4
47	KDDZZ		19207	11684105-2	..BEARING,SLEEVE PART OF KIT P/N 5704485.....	1
48	PADZZ	5315-00-774-4699	19207	7744699	..PIN,STRAIGHT,HEADLE.....	1
49	KDDZZ		19207	11684107-2	..BEARING,SLEEVE PART OF KIT P/N 5704485.....	1

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
50	PAHZZ	5310-00-185-6426	96906	MS19068-051	.NUT,PLAIN,ROUND.....	1
51	PAHZZ	5310-00-159-6495	96906	MS19070-051	.WASHER,KEY.....	1
52	PAHZZ	3110-00-144-8518	21450	700078	.BEARING,BALL,ANNULA.....	2
53	PAHZZ	3020-01-434-5430	02978	650339	.GEAR CLUSTER.....	1
54	XAHZZ		19207	8725096	.WASHER,THRUST.....	1
55	PAHZZ	3120-00-510-4115	19207	11684104	.BEARING,WASHER,THRU.....	1
56	XAHDD		19207	11683968	.SPACER ASSEMBLY.....	1
57	KDDZZ		19207	11684107-2	..BEARING,SLEEVE PART OF KIT P/N 5704485.....	1
58	XADZZ		19207	11683962	..SPACER.....	1
59	KDDZZ		19207	11684105-2	..BEARING,SLEEVE PART OF KIT P/N 5704485.....	1
60	PADZZ	5315-00-774-4699	19207	7744699	..PIN,STRAIGHT,HEADLE.....	1
61	XAHZZ		19207	11683960	.SHAFT.....	1
62	XAHZZ		19207	11684046	.IMPELLER.....	1

END OF FIGURE

Cylinder Head Oil Drain Tubes and Associated Parts

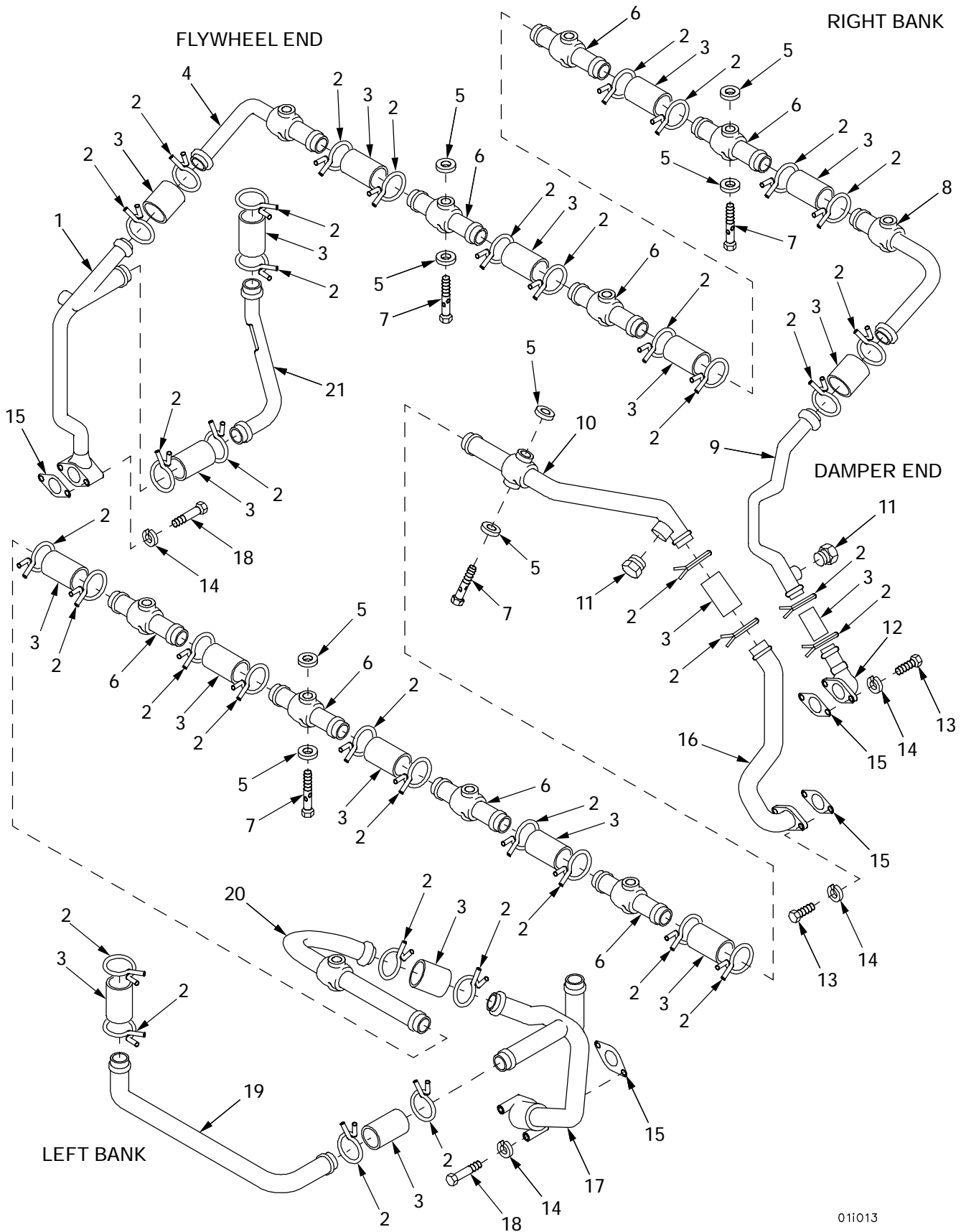
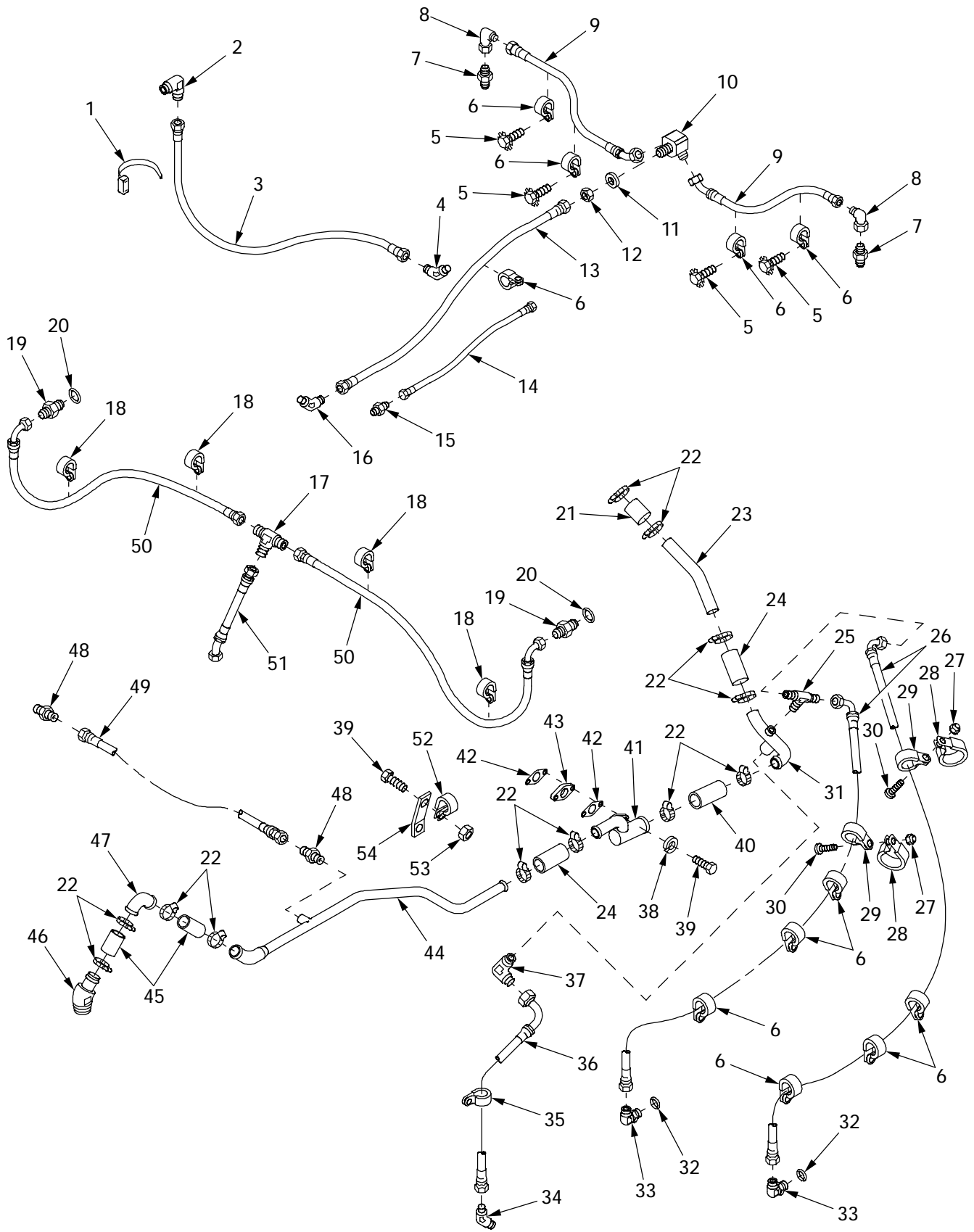


Figure 20. Cylinder Head Oil Drain Tubes and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0106 ENGINE LUBRICATION SYSTEM	
					FIGURE 20 CYLINDER HEAD OIL DRAIN TUBES AND ASSOCIATED PARTS	
1	PBOZZ	4710-01-434-4026	02978	E8CR106-009	TUBE ASSEMBLY,METAL.....	1
2	PAOZZ	4730-00-585-8582	70494	A22	CLAMP,HOSE.....	38
3	MOOZZ		19207	7350206	HOSE,NONMETALLIC MAKE FROM HOSE, P/N 1070784.....	19
4	PAOZZ	4710-00-869-3595	02978	8761190	TUBE,BENT,METALLIC.....	1
5	PAOZZ	5310-00-679-5685	02978	523557	WASHER,FLAT.....	24
6	PBOZZ	2815-00-485-9555	19207	8761193	TUBE ASSEMBLY,OIL D.....	8
7	PAOZZ	4730-00-679-5682	14351	8761091	BOLT,FLUID PASSAGE.....	12
8	PBOZZ	4710-01-453-8766	02978	E9AR106-0600	TUBE ASSEMBLY,METAL.....	1
9	PBOZZ	4710-01-434-4013	02978	E8CR106-013	TUBE ASSEMBLY,METAL.....	1
10	PBOZZ	4710-01-434-5183	02978	E9AR106-0580	TUBE ASSEMBLY,METAL.....	1
11	PAOZZ	4730-00-278-2965	96906	MS27769-3	PLUG,PIPE.....	2
12	PBOZZ	4730-00-575-0398	19207	8761598	ELBOW,FLANGE TO HOS.....	1
13	PAOZZ	5306-00-225-9088	96906	MS90726-33	BOLT,MACHINE 5/16-24 X .875,UNF-2A,GRADE 5.....	4
14	PAOZZ		80204	W211NAA0031NN038 NNCG1	WASHER,LOCK.....	8
15	PAOZZ	5330-00-679-6482	63728	587195	GASKET.....	4
16	PBOZZ	4710-01-434-5414	02978	E9AR106-057	TUBE ASSEMBLY,METAL.....	1
17	PBOZZ	4710-01-434-5413	02978	E8DR106-009	TUBE ASSEMBLY,METAL.....	1
18	PAOZZ	5306-00-051-4084	96906	MS90727-42	BOLT,MACHINE 5/16-24 X 2.500,UNF-2A,GRADE 8.....	4
19	PBOZZ	4710-00-561-7705	19207	11682624	TUBE,BENT,METALLIC.....	1
20	PBOZZ	4710-00-071-8124	19207	8682753	TUBE ASSEMBLY,METAL.....	1
21	PBOZZ	4710-01-434-3999	02978	E8CR106-014	TUBE,BENT,METALLIC.....	1

END OF FIGURE

**Breather Tubes, Oil Supply Hoses, Oil Cooler Vent Hoses and
Associated Parts**



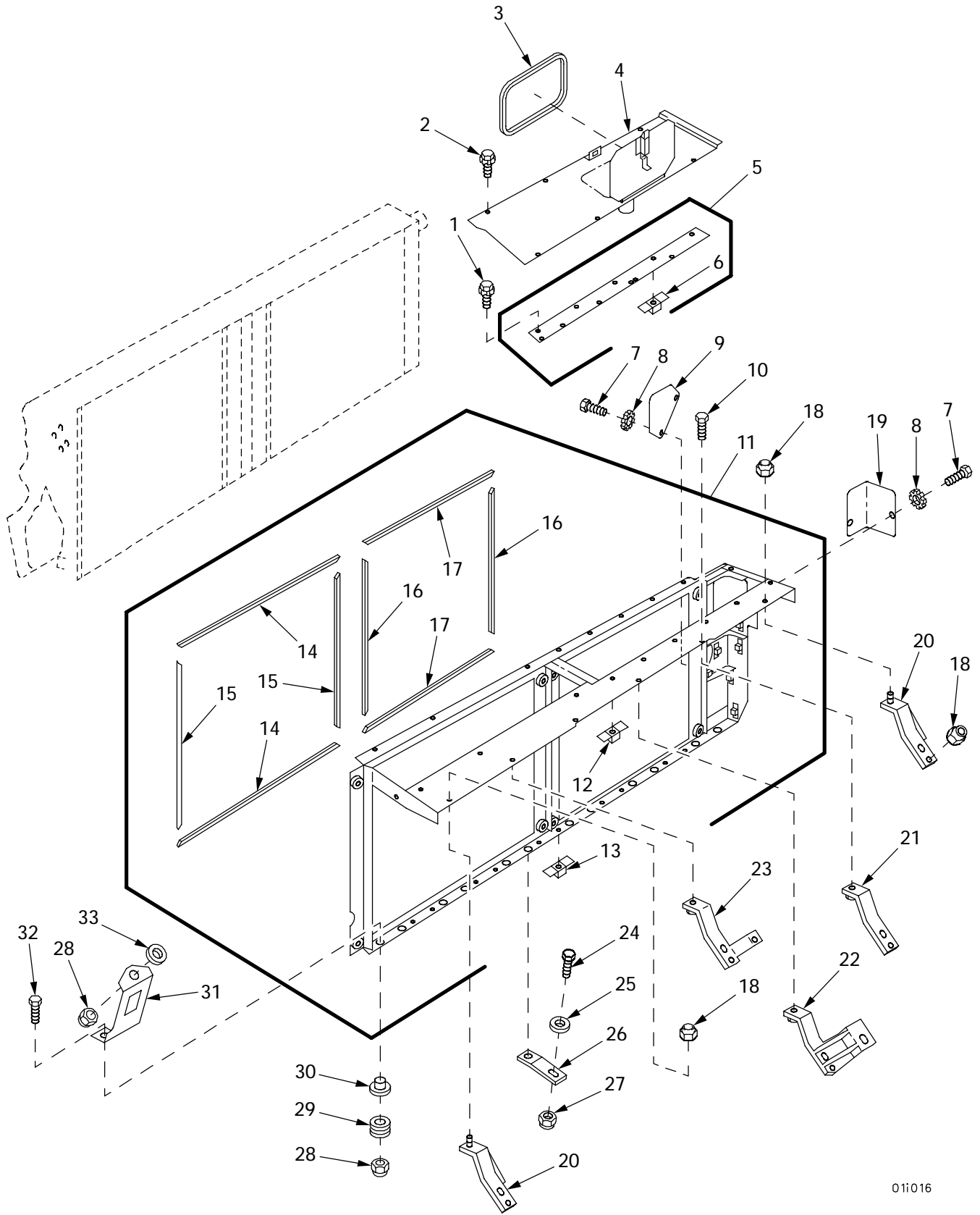
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Figure 21. Breather Tubes, Oil Supply Hoses, Oil Cooler Vent Hoses and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0106 ENGINE LUBRICATION SYSTEM	
					FIGURE 21 BREATHER TUBES, OIL SUPPLY HOSES, OIL COOLER VENT HOSES AND ASSOCIATED PARTS	
1	PAOZZ	5975-00-074-2072	96906	MS3367-1-9	STRAP, TIEDOWN, ELECT.....	1
2	PAOZZ	4730-00-647-3207	96906	MS51504A4	ELBOW, PIPE TO TUBE.....	1
3	PAOZZ	4720-01-433-7180	96906	MS8005E486AC	HOSE ASSEMBLY, NONME.....	1
4	PAOZZ	4730-00-995-1568	81343	4-2 070302C	ELBOW, PIPE TO TUBE.....	1
5	PAOZZ	5305-00-042-5640	24617	425640	SCREW, ASSEMBLED WAS.....	2
6	PAOZZ	5340-00-057-3043	96906	MS21333-112	CLAMP, LOOP.....	10
7	PAOZZ	4730-00-995-1559	96906	MS51500A6	ADAPTER, STRAIGHT, PI.....	2
8	PAOZZ	4730-00-618-5372	81343	6-6 070221CA	ELBOW, TUBE.....	2
9	PAOZZ	4720-01-433-7181	96906	MS8005G390B	HOSE ASSEMBLY, NONME.....	2
10	PBOZZ	4730-00-457-1984	19207	8761449	ELBOW, TUBE.....	1
11	PAOZZ	5310-00-167-0827	88044	AN960-1416	WASHER, FLAT.....	1
12	PAOZZ	5310-00-145-1650	88044	AN924-10	NUT, PLAIN, HEXAGON.....	1
13	PAOZZ	4720-01-433-8260	96906	MS8005J460AC	HOSE ASSEMBLY, NONME.....	1
14	PAOZZ	4720-01-433-8261	96906	MS8005E146AC	HOSE ASSEMBLY, NONME.....	1
15	PAOZZ	4730-00-289-0383	96906	MS51500A4	ADAPTER, STRAIGHT, PI.....	1
16	PAOZZ	4730-01-229-9673	96906	MS51508-B10	ELBOW, PIPE TO TUBE.....	1
17	PAOZZ	4730-00-542-5906	96906	MS51510A4	TEE, TUBE.....	1
18	PAOZZ	5340-00-964-5267	96906	MS21333-120	CLAMP, LOOP.....	4
19	PAOZZ	4730-01-007-5232	96906	MS51525A4	ADAPTER, STRAIGHT, TU.....	2
20	PAOZZ	5330-00-166-0980	81349	M83248/1-012	O-RING.....	2
21	PAOZZ	4720-01-433-8279	02978	353269-4	HOSE, FIBERGLASS.....	1
22	PAOZZ	4730-00-908-3193	83299	0612596-00	CLAMP, HOSE.....	12
23	PBOZZ	4710-01-440-5397	06085	12366395	TUBE, BENT, METALLIC.....	1
24	PAOZZ	4720-01-440-5405	06085	12366424-1	HOSE, AIR DUCT.....	2
25	PAOZZ	4730-00-522-1909	81343	4-4-2 070425CA	TEE, PIPE TO TUBE.....	1
26	PAOZZ	4720-01-433-7178	96906	MS8005E674CC	HOSE ASSEMBLY, NONME.....	2
27	PAOZZ	5310-00-877-5797	96906	MS21044N3	NUT, SELF-LOCKING, HE.....	2
28	PAOZZ	5340-00-922-6300	96906	MS21333-77	CLAMP, LOOP.....	2
29	PAOZZ	5340-00-689-9514	96906	MS21333-70	CLAMP, LOOP.....	2
30	PAOZZ	5305-00-043-6754	96906	MS35226-67	SCREW, MACHINE.....	2
31	PAOZZ	4710-01-440-6933	06085	12366413	TUBE, BENT, METALLIC.....	1
32	PAOZZ	5331-00-805-2966	96906	MS28778-4	O-RING.....	2
33	PAOZZ	4730-00-449-0657	96906	MS51527A4S	ELBOW, TUBE TO BOSS.....	2
34	PAOZZ	4730-01-103-3275	96906	MS51508A6	ELBOW, PIPE TO TUBE.....	1
35	PAOZZ	5340-00-854-6729	96906	MS21333-103	CLAMP, LOOP.....	1
36	PAOZZ	4720-01-200-3135	96906	MS8005G220C	HOSE ASSEMBLY, NONME.....	1
37	PAOZZ	4730-00-812-7999	96906	MS51504A6	ELBOW, PIPE TO TUBE.....	1
38	PAOZZ		80204	W211NAA0031NN038 NNCG1	WASHER, LOCK.....	2
39	PAOZZ	5306-00-225-9088	96906	MS90726-33	BOLT, MACHINE.....	3
40	PAOZZ	4720-01-433-8275	02978	353269-1	HOSE, FIBERGLASS.....	1
41	PBOZZ	4730-01-433-8137	02978	E9AR135-010	TEE, FLANGED TO TUBE.....	1
42	PAOZZ	5330-00-678-5386	19207	8682770	GASKET.....	2
43	PAOZZ	5365-00-533-6657	19207	11683964	SPACER, PLATE.....	1
44	PBOZZ	4710-01-434-5418	02978	E8DR135-004	TUBE, BENT.....	1
45	PAOZZ	4720-01-434-5416	02978	353269-3	HOSE, FIBERGLASS.....	2
46	PAOZZ	4730-01-432-9922	88044	AN844-25D	ELBOW, PIPE TO HOSE.....	1
47	PBOZZ	4710-01-434-5415	02978	E9AR135-008	TUBE, BENT, METALLIC.....	1
48	PAOZZ	4730-00-322-8225	96906	MS51500A8-4S	ADAPTER, STRAIGHT, PI.....	2
49	PAOZZ	4720-01-346-9754	96906	MS8005H120AA	HOSE ASSEMBLY, NONME.....	1
50	PAOZZ	4720-01-207-6362	00624	AE3660120E0260	HOSE ASSEMBLY, NONME.....	2
51	PAOZZ	4720-01-155-5061	00624	AE3660060E0043	HOSE ASSEMBLY, NONME.....	1
52	PAOZZ	5340-01-133-4044	19207	7057332-4	CLAMP, LOOP.....	1
53	PAOZZ	5310-00-088-0553	96906	MS21044N5	NUT, SELF-LOCKING, HE.....	1
54	PAHZZ	5340-01-439-8186	02978	E9AR135-015	CLAMP, LOOP.....	1

END OF FIGURE

Oil Cooler Frames, Shrouds and Associated Parts



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Figure 22. Oil Cooler Frames, Shrouds and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0106 ENGINE LUBRICATION SYSTEM	
					FIGURE 22 OIL COOLER FRAMES, SHROUDS AND ASSOCIATED PARTS	
1	PAOZZ	5306-00-741-4584	19207	7414584	BOLT,ASSEMBLED WASH 3/8-24 X .560,NF-2A,COMMERCIAL STEEL.....	2
2	PAOZZ	5305-00-042-5598	24617	425598	SCREW,ASSEMBLED WAS 3/8-24 X .625,UNF-2A,COMMERCIAL STEEL.....	4
3	PAOZZ	5330-01-433-5264	02978	E8CR129-009	GASKET.....	1
4	PBOOO	5340-01-437-0481	02978	E8CR129-0200	COVER,ACCESS.....	1
5	PBOFF	2835-01-422-4202	02978	E8DR129-009	ADAPTER ASSEMBLY.....	1
6	PAFZZ	5310-00-486-0406	19207	11684093-1	.NUT,PLAIN,PLATE.....	5
7	PAOZZ		80204	S210NA38FAK16354 BNCG1	SCREW 3/8-24 X .875,UNF-2A,GRADE 8.	5
8	PAOZZ	5310-00-627-6128	96906	MS35335-35	WASHER,LOCK.....	5
9	PAOZZ	5340-01-433-2728	02978	655435	COVER,ACCESS.....	1
10	PAOZZ	5306-00-226-4828	80204	B1821BH031C113N	BOLT,MACHINE 5/16-18 X 1.125,UNC-2A,GRADE 5.....	4
11	PBOOO	2930-01-431-3056	02978	E8CR106-011	HOUSING,OIL COOLER.....	1
12	PAOZZ	5310-00-486-0412	19207	11684093-2	.NUT,PLAIN,PLATE.....	32
13	PAOZZ	5310-00-486-0406	19207	11684093-1	.NUT,PLAIN,PLATE.....	10
14	MOOZZ		02978	353255-12	.SEAL MAKE FROM RUBBER SHEET, P/N 11678085-2.....	2
15	MOOZZ		02978	353255-11	.SEAL MAKE FROM RUBBER SHEET, P/N 11678085-2.....	2
16	MOOZZ		02978	353255-10	.SEAL MAKE FROM RUBBER SHEET, P/N 11678085-2.....	2
17	MOOZZ		02978	353255-9	.SEAL MAKE FROM RUBBER SHEET, P/N 11678085-2.....	2
18	PAOZZ	5310-00-088-0553	96906	MS21044N5	NUT,SELF-LOCKING,HE.....	14
19	PBOZZ	5340-01-433-2320	02978	E9AR129-010	COVER,ACCESS.....	1
20	PBOZZ	5340-01-433-2722	02978	E9AR129-145	BRACKET,ANGLE.....	2
21	PBOZZ	5340-01-433-4037	02978	E9AR129-147	BRACKET,ANGLE.....	2
22	PBOZZ	5340-01-433-2367	02978	E9AR129-148	BRACKET,MOUNTING.....	1
23	PBOZZ	5340-01-433-2726	02978	E9AR129-146	BRACKET,MOUNTING.....	1
24	PAOZZ	5305-00-269-3234	80204	B1821BH038F075N	SCREW,CAP,HEXAGON H 3/8-24 X .750,UNF-2A,GRADE 5.....	2
25	PAOZZ	5310-00-184-8974	96906	MS9320-12	WASHER,FLAT.....	2
26	PBOZZ	5340-01-433-2749	02978	E9AR108-011	BRACKET,MOUNTING.....	2
27	PAOZZ	5310-00-982-4908	96906	MS21045-6	NUT,SELF-LOCKING,HE.....	2
28	PAOZZ	5310-00-274-9364	96906	MS21045-7	NUT,SELF-LOCKING,HE.....	18
29	PAOZZ	5325-01-440-2181	02978	352848	GROMMET,NONMETALLIC.....	12
30	PAOZZ	5365-00-486-0405	19207	11684106	SPACER,SLEEVE.....	12
31	PBOZZ	2930-01-435-0621	02978	E9AR106-009	SUPPORT ASSEMBLY.....	6
32	PAOZZ	5305-00-709-8539	96906	MS90727-89	SCREW,CAP,HEXAGON H 7/16-20 X 1.500,UNF-2A,GRADE 8.....	12
33	PAOZZ	5310-00-184-8973	96906	MS9320-13	WASHER,FLAT.....	6

END OF FIGURE

Oil Cooler Frames, Shrouds and Associated Parts

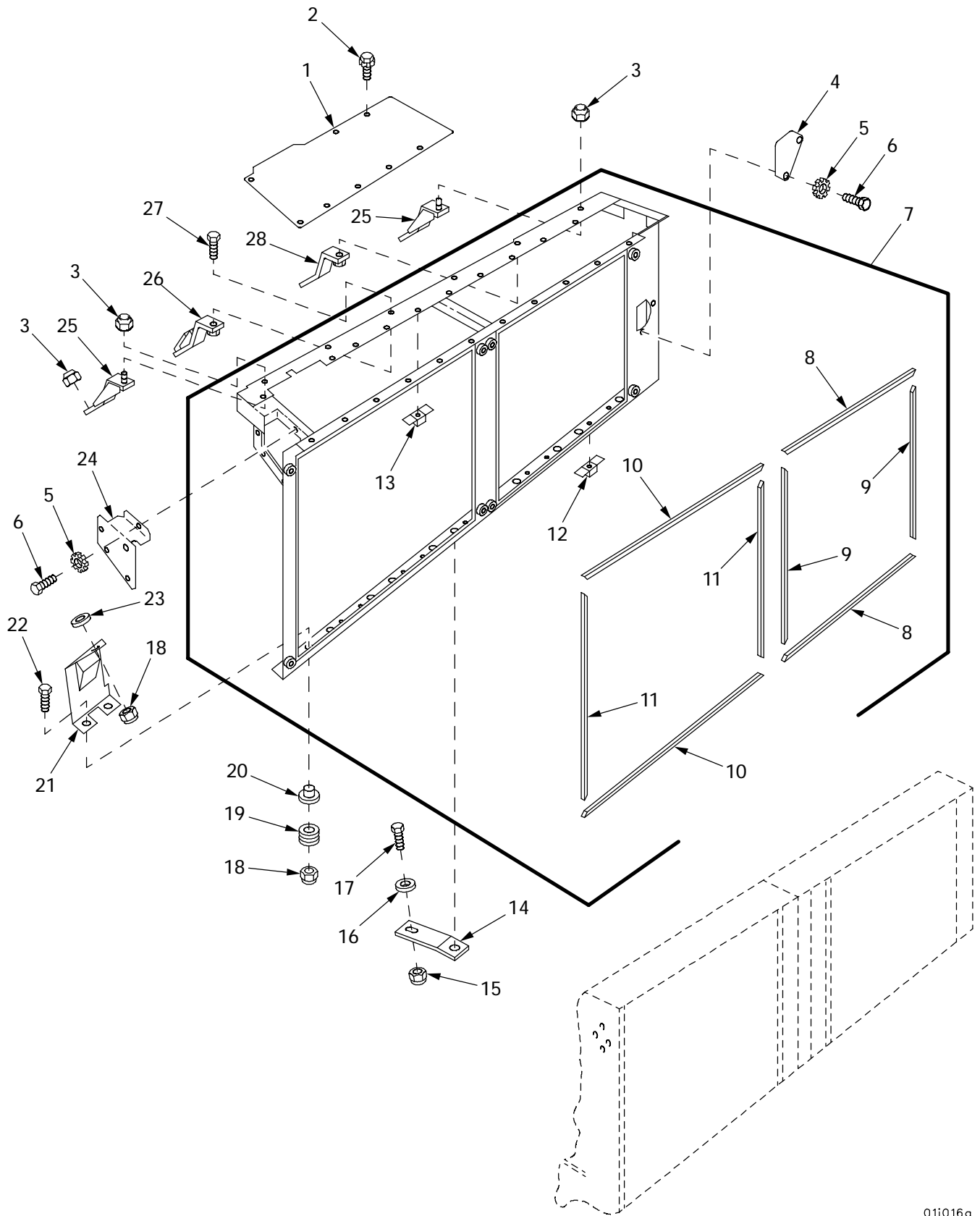


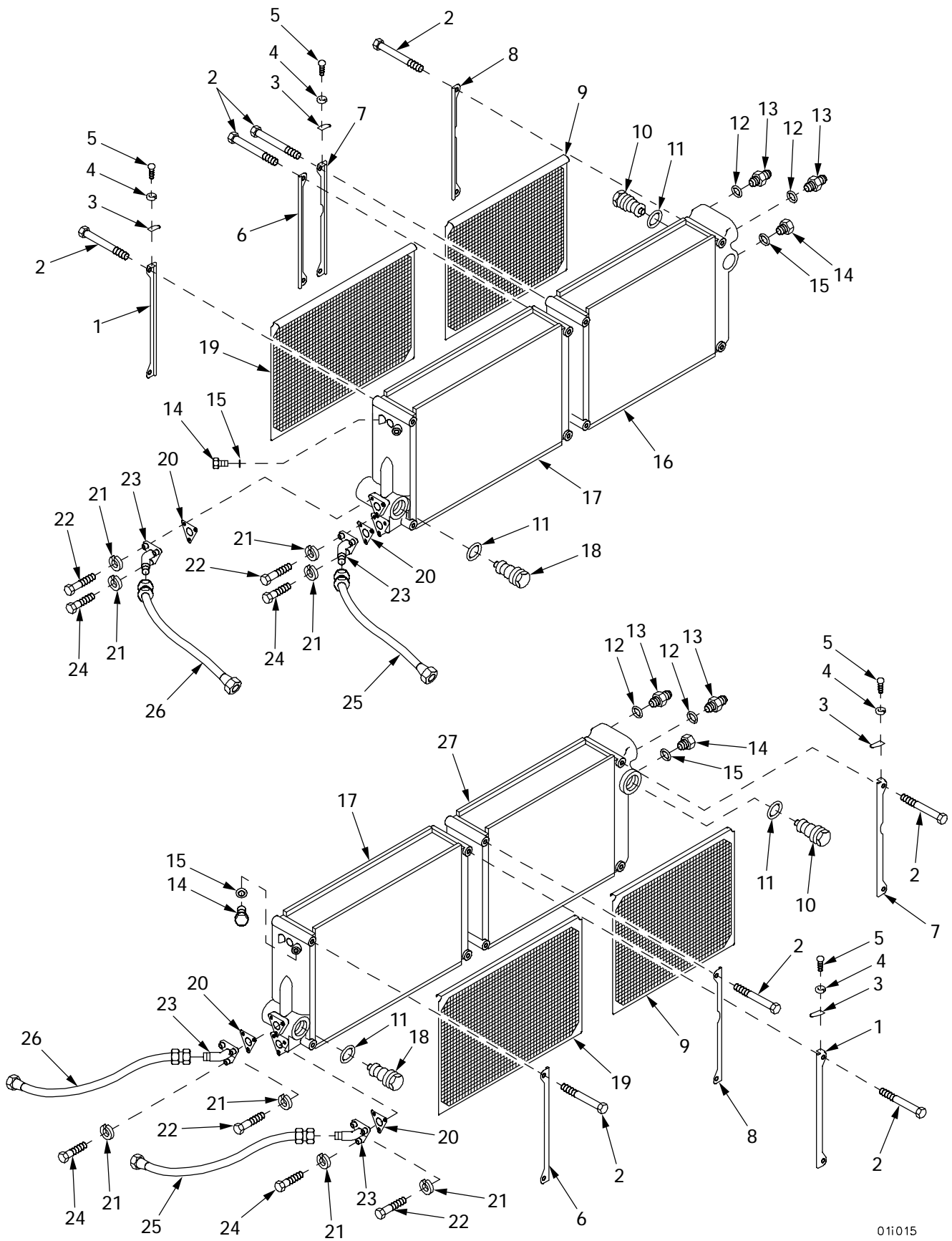
Figure 23. Oil Cooler Frames, Shrouds and Associated Parts

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(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0106 ENGINE LUBRICATION SYSTEM	
					FIGURE 23 OIL COOLER FRAMES, SHROUDS AND ASSOCIATED PARTS	
1	PBOZZ	5340-01-433-3414	02978	E8CR129-016	COVER,ACCESS.....	1
2	PAOZZ	5305-00-042-5598	24617	425598	SCREW,ASSEMBLED WAS 3/8-24 X .625,UNF-2A,COMMERCIAL STEEL.....	7
3	PAOZZ	5310-00-088-0553	96906	MS21044N5	NUT,SELF-LOCKING,HE.....	14
4	PAOZZ	5340-01-433-2728	02978	655435	COVER,ACCESS.....	1
5	PAOZZ	5310-00-627-6128	96906	MS35335-35	WASHER,LOCK.....	7
6	PAOZZ		80204	S210NA38FAK16354 BNCG1	SCREW 3/8-24 X .875,UNF-2A,GRADE 8.	7
7	PBOOO	2930-01-431-7559	02978	E8CR106-010	HOUSING,OIL COOLER.....	1
8	MOOZZ		02978	353255-9	.SEAL MAKE FROM RUBBER SHEET, P/N 11678085-2.....	2
9	MOOZZ		02978	353255-10	.SEAL MAKE FROM RUBBER SHEET, P/N 11678085-2.....	2
10	MOOZZ		02978	353255-12	.SEAL MAKE FROM RUBBER SHEET, P/N 11678085-2.....	2
11	MOOZZ		02978	353255-11	.SEAL MAKE FROM RUBBER SHEET, P/N 11678085-2.....	2
12	PAOZZ	5310-00-486-0406	19207	11684093-1	.NUT,PLAIN,PLATE.....	10
13	PAOZZ	5310-00-486-0412	19207	11684093-2	.NUT,PLAIN,PLATE.....	37
14	PBOZZ	5340-01-433-2749	02978	E9AR108-011	BRACKET,MOUNTING.....	2
15	PAOZZ	5310-00-982-4908	96906	MS21045-6	NUT,SELF-LOCKING,HE.....	2
16	PAOZZ	5310-00-184-8974	96906	MS9320-12	WASHER,FLAT.....	2
17	PAOZZ	5305-00-269-3234	80204	B1821BH038F075N	SCREW,CAP,HEXAGON H 3/8-24 X .750,UNF-2A,GRADE 5.....	2
18	PAOZZ	5310-00-274-9364	96906	MS21045-7	NUT,SELF-LOCKING,HE.....	18
19	PAOZZ	5325-01-440-2181	02978	352848	GROMMET,NONMETALLIC.....	12
20	PAOZZ	5365-00-486-0405	19207	11684106	SPACER,SLEEVE.....	12
21	PBOZZ	2930-01-435-0621	02978	E9AR106-009	SUPPORT ASSEMBLY.....	6
22	PAOZZ	5305-00-709-8539	96906	MS90727-89	SCREW,CAP,HEXAGON H 7/16-20 X 1.500,UNF-2A,GRADE 8.....	12
23	PAOZZ	5310-00-184-8973	96906	MS9320-13	WASHER,FLAT.....	6
24	PBOZZ	5340-01-433-2729	02978	E8AR129-008	COVER,ACCESS.....	1
25	PBOZZ	5340-01-433-2722	02978	E9AR129-145	BRACKET,ANGLE.....	2
26	PBOZZ	5340-01-433-2725	02978	E9AR129-149	BRACKET,MOUNTING.....	1
27	PAOZZ	5306-00-226-4828	80204	B1821BH031C113N	BOLT,MACHINE 5/16-18 X 1.125,UNC-2A,GRADE 5.....	4
28	PBOZZ	5340-01-433-4037	02978	E9AR129-147	BRACKET,ANGLE.....	3

END OF FIGURE

Oil Coolers, Oil Cooler Screens and Associated Parts



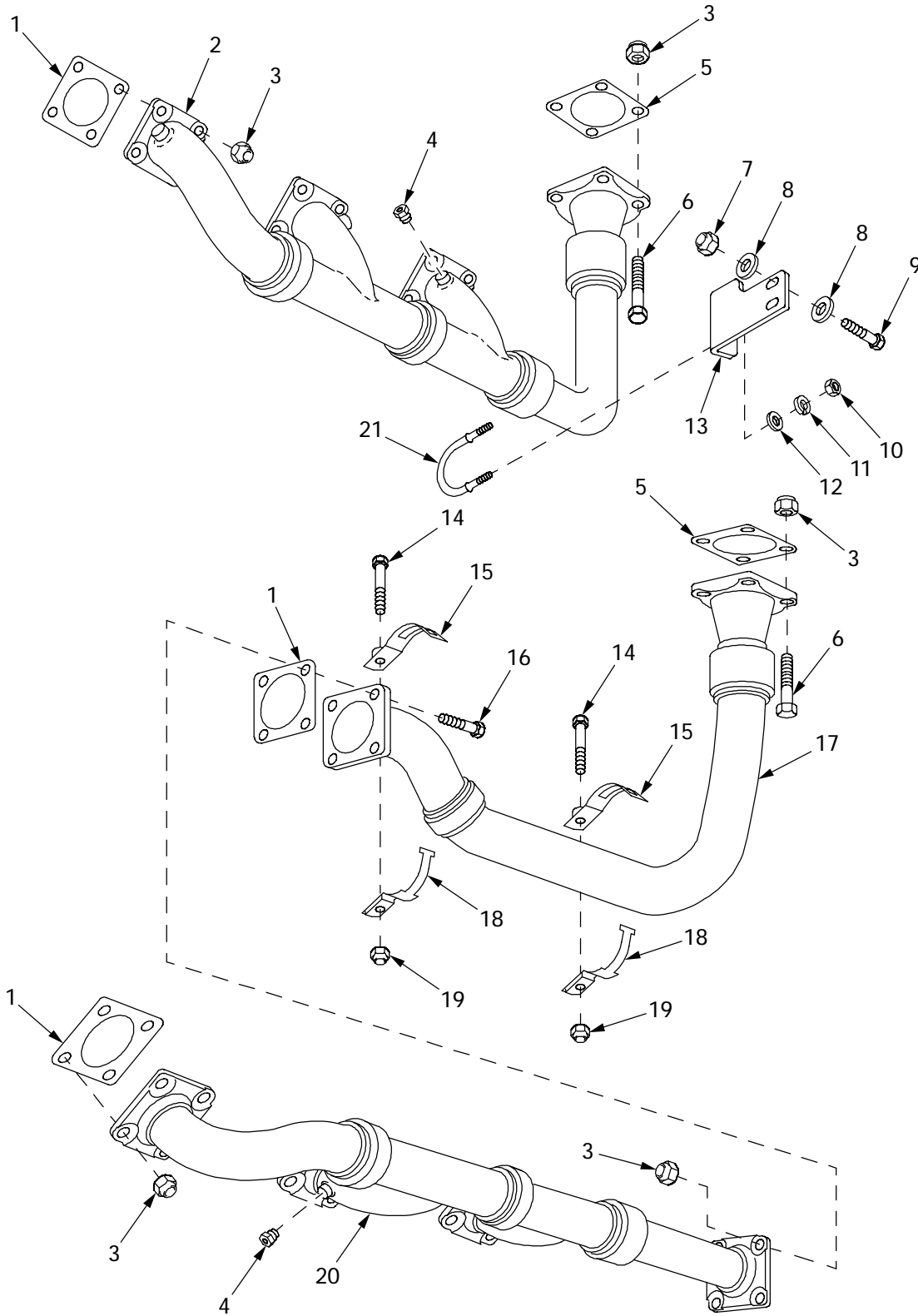
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Figure 24. Oil Coolers, Oil Cooler Screens and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0106 ENGINE LUBRICATION SYSTEM	
					FIGURE 24 OIL COOLERS, OIL COOLER SCREENS AND ASSOCIATED PARTS	
1	PBOZZ	2510-01-434-6139	02978	E9AR106-077-2	FRAME,COOLER SCREEN.....	2
2	PAOZZ	5305-00-945-6412	96906	MS90727-127	SCREW,CAP,HEXAGON H 1/2-20 X 5.000,UNF-2A,GRADE 8.....	16
3	PAOZZ	2815-01-435-0634	02978	E9AR106-079	TAB,STOP.....	4
4	PAOZZ	5310-00-274-8715	96906	MS35338-63	WASHER,LOCK.....	4
5	PAOZZ	5305-00-267-8951	80204	B1821BH025F044N	SCREW,CAP,HEXAGON H 1/4-28 X .438,UNF-2A,GRADE 8.....	4
6	PBOZZ	2510-01-435-0643	02978	E9AR106-076-2	FRAME,COOLER SCREEN.....	2
7	PBOZZ	2510-01-435-0816	02978	E9AR106-077-1	FRAME,COOLER SCREEN.....	2
8	PBOZZ	2510-01-435-9998	02978	E9AR106-076-1	FRAME,COOLER SCREEN.....	2
9	PAOZZ	2510-01-435-7979	02978	E9AR106-078-1	SCREEN,TRANSMISSION.....	2
10	PAOZZ	6685-00-734-6573	55193	VD-109106	THERMOSTAT,FLOW CON.....	2
11	PAOZZ	5365-00-740-3580	19207	7403580	SPACER,RING.....	4
12	PAOZZ	5330-01-093-0650	19207	7403580-2	GASKET.....	4
13	PAOZZ	4730-01-433-4423	02978	E8DR106-011	ADAPTER,STRAIGHT,TU.....	4
14	PAOZZ	5365-00-287-0094	88044	AN814-4D	PLUG,MACHINE THREAD.....	4
15	PAOZZ	5330-00-166-0980	81349	M83248/1-012	O-RING.....	4
16	PAODD	2520-01-422-4200	02978	E9AR106-003	COOLER,FLUID,TRANSM.....	1
17	PAODD	2930-01-424-6731	02978	E9AR106-001	COOLER,LUBRICATING.....	2
18	PAOZZ	6620-01-050-2086	19207	8357819-1	THERMOSTAT,FLOW CON.....	2
19	PAOZZ	2510-01-433-8705	02978	E9AR106-078-2	SCREEN,ENGINE OIL C.....	2
20	PAOZZ	5330-00-678-4669	19207	8682679	GASKET.....	4
21	PAHZZ	5310-00-637-9541	80204	W211NAA0037NN038 NNCG1	WASHER,LOCK.....	12
22	PAOZZ	5306-00-225-9095	96906	MS90726-40	BOLT,MACHINE 5/16-24 X 2.000,UNF-2A,GRADE 5.....	8
23	PAOZZ	4730-01-433-8138	02978	E9AR106-041	ELBOW,PIPE TO HOSE.....	4
24	PAOZZ	5305-00-225-9092	96906	MS90726-37	SCREW,CAP,HEXAGON H 5/16-24 X 1.375,UNF-2A,GRADE 5.....	4
25	PAOZZ	4720-01-433-8276	02978	E9AR106-053-2	HOSE ASSEMBLY,NONME.....	2
26	PAOZZ	4720-01-433-8277	02978	E9AR106-053-3	HOSE ASSEMBLY,NONME.....	2
27	PAODD	2520-01-424-6732	02978	E9AR106-002	COOLER,FLUID,TRANSM.....	1

END OF FIGURE

Exhaust Manifold and Associated Parts (Left Bank)



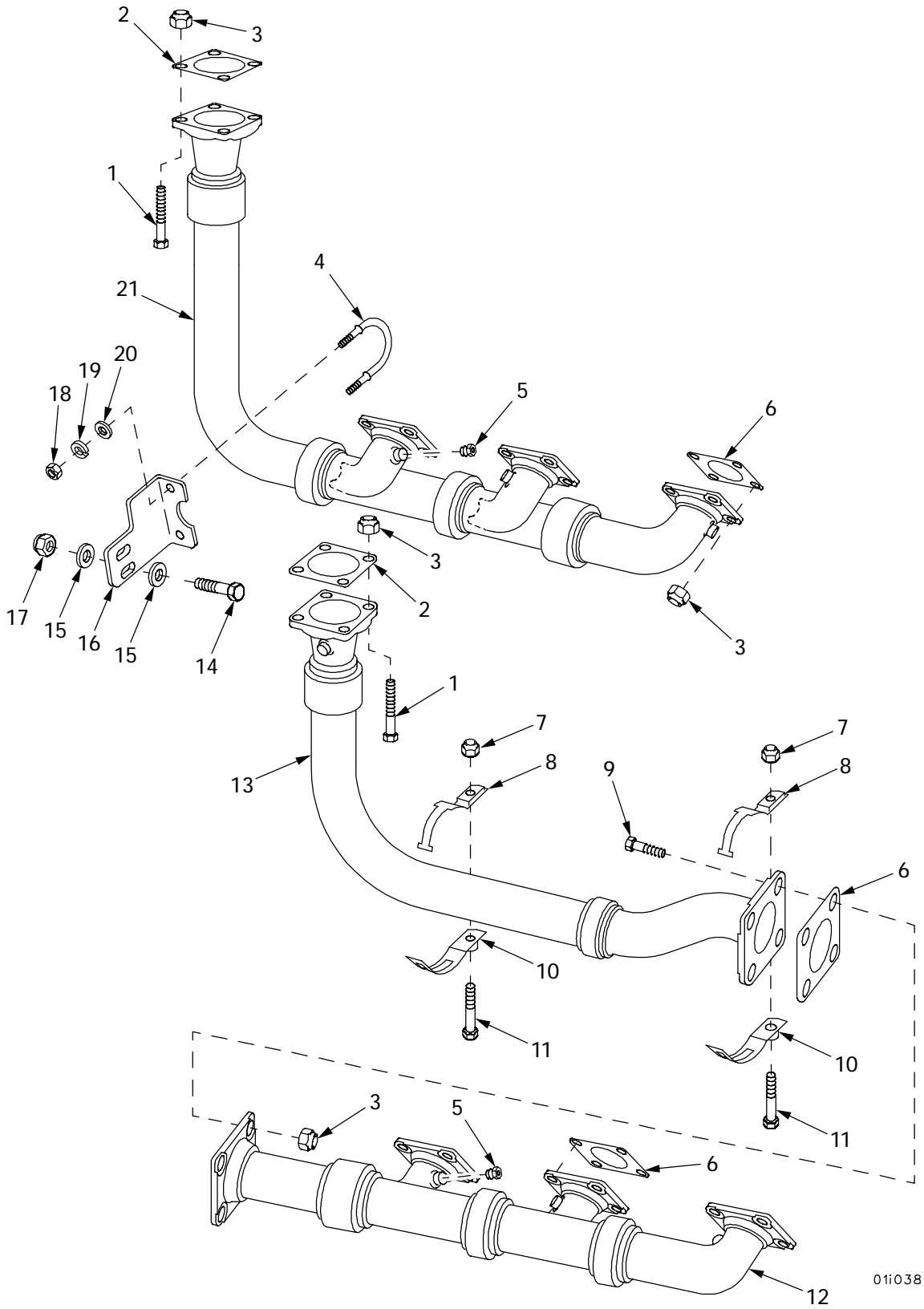
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Figure 25. Exhaust Manifold and Associated Parts (Left Bank)

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0108 MANIFOLDS FIGURE 25 EXHAUST MANIFOLD AND ASSOCIATED PARTS (LEFT BANK)	
1	PAFZZ	5330-00-678-3216	63728	8761547	GASKET PART OF KIT P/N E8CR100-013..	7
2	PAFZZ	2815-01-434-5417	02978	E8CR108-0040	MANIFOLD, EXHAUST.....	1
3	PAFZZ	5310-01-151-2732	15653	SPL51712-6	NUT, SELF-LOCKING, HE.....	36
4	PAOZZ	4730-01-433-8163	02978	E9AR108-111	PLUG, PIPE.....	6
5	PAFZZ	5330-00-678-3270	19207	8682505	GASKET PART OF KIT P/N E8CR100-013..	2
6	PAFZZ	5305-00-531-1097	96906	MS35308-365	SCREW, CAP, HEXAGON H 3/8-24 X 1.750, UNF-2A, STEEL, CORROSION RES....	8
7	PAOZZ	5310-00-982-4908	96906	MS21045-6	NUT, SELF-LOCKING, HE.....	2
8	PAOZZ	5310-00-776-7318	19207	7767318	WASHER, FLAT.....	4
9	PAOZZ		80204	S210NA38FAK19354 BNCG1	SCREW 3/8-24 X 1.250, UNF-2A, GRADE 8	2
10	PAFZZ	5310-00-905-4600	96906	MS51968-6	NUT, PLAIN, HEXAGON.....	2
11	PAFZZ		80204	W211NAA0031NN038 NNCG1	WASHER, LOCK.....	2
12	PAFZZ	5310-00-194-0636	96906	MS9320-11	WASHER, FLAT.....	2
13	PAFZZ	5340-01-433-2322	19207	12354418-1	BRACKET, ANGLE.....	1
14	PAFZZ		80204	S210NA38FAK23354 BNCG1	SCREW, CAP, HEXAGON H 3/8-24 X 1.500, UNF-2A, GRADE 8.....	2
15	PAFZZ	5340-01-010-9347	19207	11684235	STRAP, RETAINING.....	2
16	PAFZZ	5305-00-685-3510	96906	MS35308-361	SCREW, CAP, HEXAGON H 3/8-24 X 1.125, UNF-2A, STEEL, CORROSION RES....	4
17	PAFZZ	4730-01-433-8140	02978	E8CR108-0030	ELBOW, PIPE.....	1
18	PAFZZ	5340-01-010-9348	19207	11684236	STRAP, RETAINING.....	2
19	PAFZZ	5310-00-059-9264	96906	MS21045C6	NUT, SELF-LOCKING, HE.....	2
20	PAFZZ	2815-01-434-5184	02978	E9AR108-0070	MANIFOLD, EXHAUST.....	1
21	PAFZZ	5306-01-433-4086	19207	12354419	BOLT, U.....	1

END OF FIGURE

Exhaust Manifold and Associated Parts (Right Bank)



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Figure 26. Exhaust Manifold and Associated Parts (Right Bank)

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0108 MANIFOLDS FIGURE 26 EXHAUST MANIFOLDS AND ASSOCIATED PARTS (RIGHT BANK)	
1	PAFZZ	5305-00-531-1097	96906	MS35308-365	SCREW,CAP,HEXAGON H 3/8-24 X 1.750,UNF-2A,STEEL,CORROSION RES....	8
2	PAFZZ	5330-00-678-3270	19207	8682505	GASKET PART OF KIT P/N E8CR100-013..	2
3	PAFZZ	5310-01-151-2732	15653	SPL51712-6	NUT,SELF-LOCKING,HE.....	36
4	PAFZZ	5306-01-433-4086	19207	12354419	BOLT,U.....	1
5	PAOZZ	4730-01-433-8163	02978	E9AR108-111	PLUG,PIPE.....	6
6	PAFZZ	5330-00-678-3216	63728	8761547	GASKET PART OF KIT P/N E8CR100-013..	7
7	PAFZZ	5310-00-059-9264	96906	MS21045C6	NUT,SELF-LOCKING,HE.....	2
8	PAFZZ	5340-01-010-9348	19207	11684236	STRAP,RETAINING.....	2
9	PAFZZ	5305-00-685-3510	96906	MS35308-361	SCREW,CAP,HEXAGON H 3/8-24 X 1.125,UNF-2A,STEEL,CORROSION RES....	4
10	PAFZZ	5340-01-010-9347	19207	11684235	STRAP,RETAINING.....	2
11	PAFZZ		80204	S210NA38FAK23354 BNCG1	SCREW,CAP,HEXAGON H 3/8-24 X 1.500,UNF-2A,GRADE 8.....	2
12	PAFZZ	2815-01-434-5420	02978	E9AR108-0060	MANIFOLD,EXHAUST.....	1
13	PAFZZ	4730-01-433-8142	02978	E8CR108-0010	ELBOW,PIPE.....	1
14	PAOZZ		80204	S210NA38FAK19354 BNCG1	SCREW 3/8-24 X 1.250,UNF-2A,GRADE 8	2
15	PAOZZ	5310-00-776-7318	19207	7767318	WASHER,FLAT.....	4
16	PAFZZ	5340-01-440-1429	19207	12354418-2	BRACKET,ANGLE.....	1
17	PAOZZ	5310-00-982-4908	96906	MS21045-6	NUT,SELF-LOCKING,HE.....	2
18	PAFZZ	5310-00-905-4600	96906	MS51968-6	NUT,PLAIN,HEXAGON.....	2
19	PAFZZ		80204	W211NAA0031NN038 NNCG1	WASHER,LOCK.....	2
20	PAFZZ	5310-00-194-0636	96906	MS9320-11	WASHER,FLAT.....	2
21	PAFZZ	2815-01-434-5421	02978	E8CR108-0020	MANIFOLD,EXHAUST.....	1

END OF FIGURE

Intake Manifold, Tubes and Associated Parts

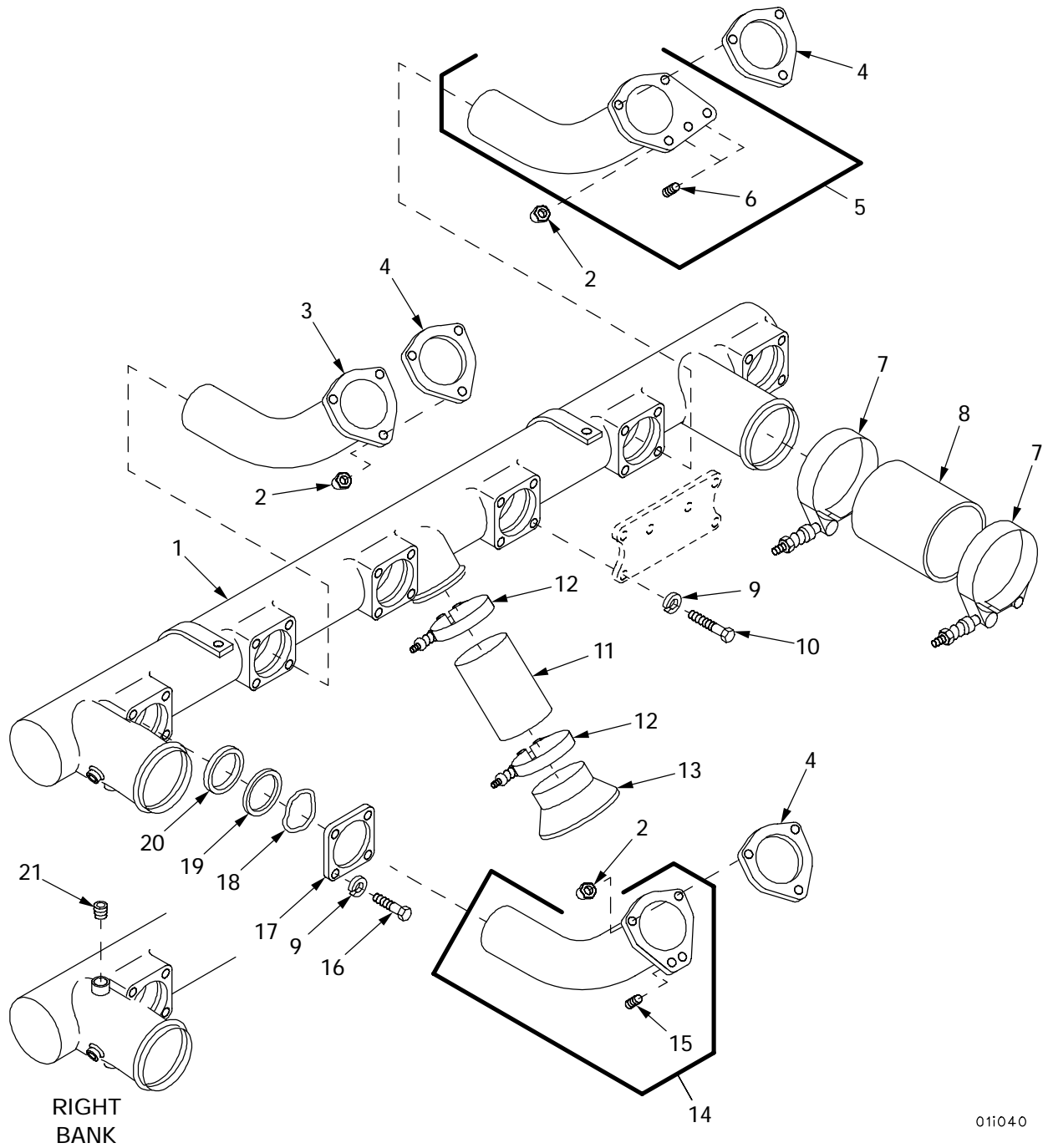
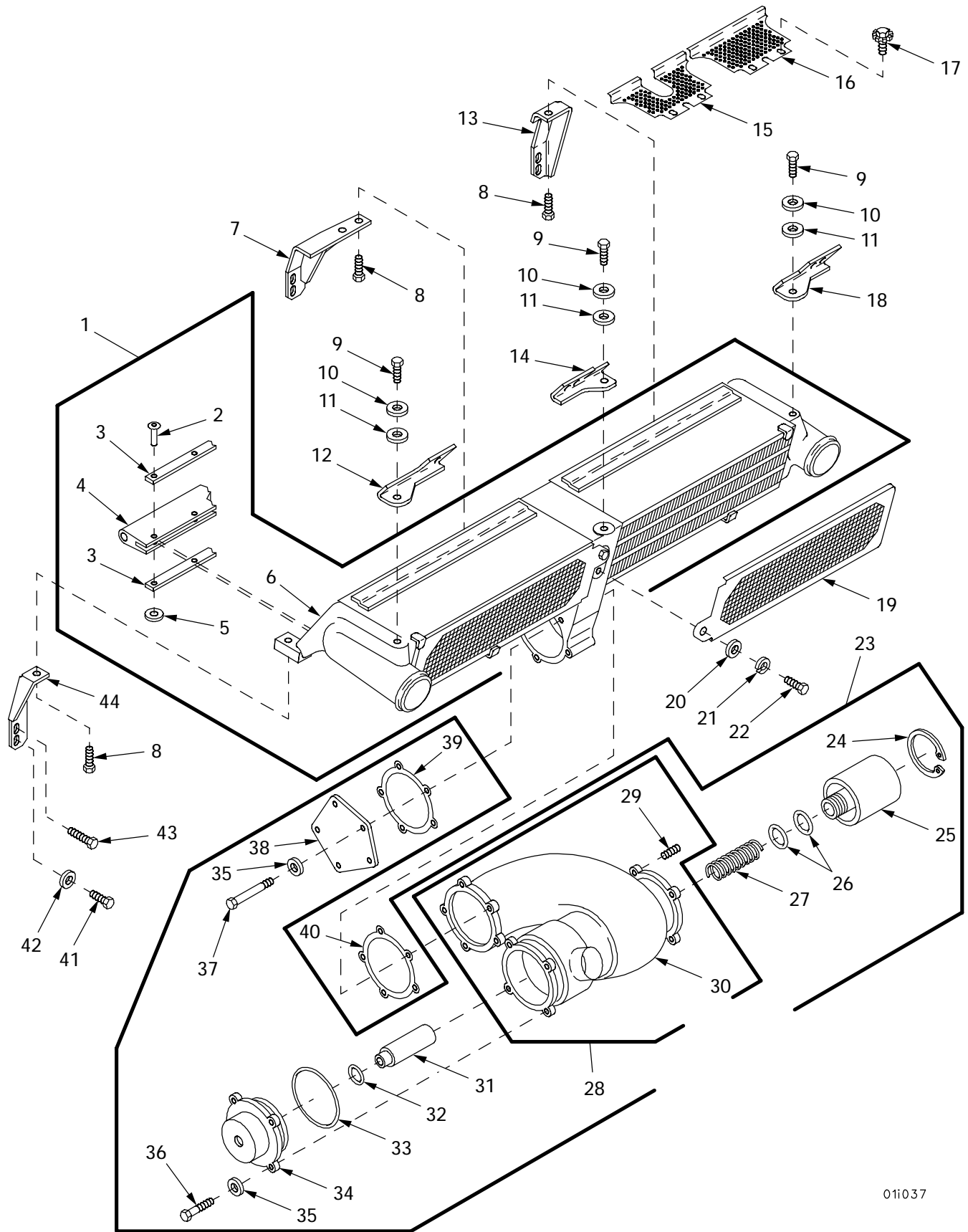


Figure 27. Intake Manifold, Tubes and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 0108 MANIFOLDS						
FIGURE 27 INTAKE MANIFOLD, TUBES AND ASSOCIATED PARTS						
1	PAFZZ	2815-01-434-5422	02978	E9AR108-001-1	MANIFOLD,INTAKE (LEFT).....	1
1	PAFZZ	2815-01-434-5185	02978	E9AR108-001-2	MANIFOLD,INTAKE (RIGHT).....	1
2	PAFZZ	5310-00-982-4912	96906	MS21045-5	NUT,SELF-LOCKING,HE.....	36
3	PAFZZ	4710-01-433-8278	02978	E9AR108-002	TUBE ASSEMBLY,METAL D CYLINDER NOS.2,4&6(LEFT) CYLINDER NOS.2,4&5(RIGHT).....	6
4	PAFZZ	5330-01-347-8164	73165	8E-5839	GASKET PART OF KIT P/N E8CR100-013..	12
5	PAFFF	4710-01-422-4194	02978	E9AR108-0030	TUBE,ASSEMBLY,METAL CYLINDER NO.5,(LEFT) CYLINDER NOS.3 AND 6(RIGHT).....	3
6	PAFZZ		19207	7084526	.STUD,PLAIN STANDARD.....	2
7	PAFZZ	5340-01-433-3293	02978	E9AR131-123	CLAMP,LOOP.....	8
8	PAFZZ	2815-01-433-8143	02978	353352	CYLINDER SLEEVE.....	4
9	PAFZZ		80204	W211NAA0031NN038 NNCG1	WASHER,LOCK.....	48
10	PAFZZ	5306-00-225-9089	96906	MS90726-34	BOLT,MACHINE 5/16-24 X 1.000,UNF-2A,GRADE 5.....	8
11	PAFZZ	2815-01-433-8145	02978	353352-2	CYLINDER SLEEVE.....	2
12	PAFZZ	5340-01-433-3292	02978	E9AR131-124	CLAMP,LOOP.....	4
13	PAFZZ	4730-01-433-4426	02978	E9AR131-188	SLEEVE.....	2
14	PAFFF	4710-01-422-4185	02978	E9AR108-0040	TUBE,ASSEMBLY,METAL.....	3
15	PAFZZ		19207	7084526	.STUD,PLAIN.....	1
16	PAFZZ	5306-00-050-1238	80204	B1821BH031F075N	BOLT,MACHINE.....	40
17	PAFZZ	4730-01-433-4425	02978	651641	FLANGE,PIPE.....	12
18	PAFZZ	5310-00-637-3057	19207	8698690	WASHER,SPRING TENSI.....	12
19	PAFZZ	5330-01-123-3303	81349	M83461/1-331	PACKING,PREFORMED PART OF KIT P/N E8CR100-013.....	12
20	PAFZZ	5365-00-209-0174	19207	8698689	SPACER,RING.....	12
21	PAFZZ	4730-00-541-7749	96906	MS27769S2	PLUG,PIPE.....	1

END OF FIGURE

Aftercooler and Bypass Valve System and Associated Parts



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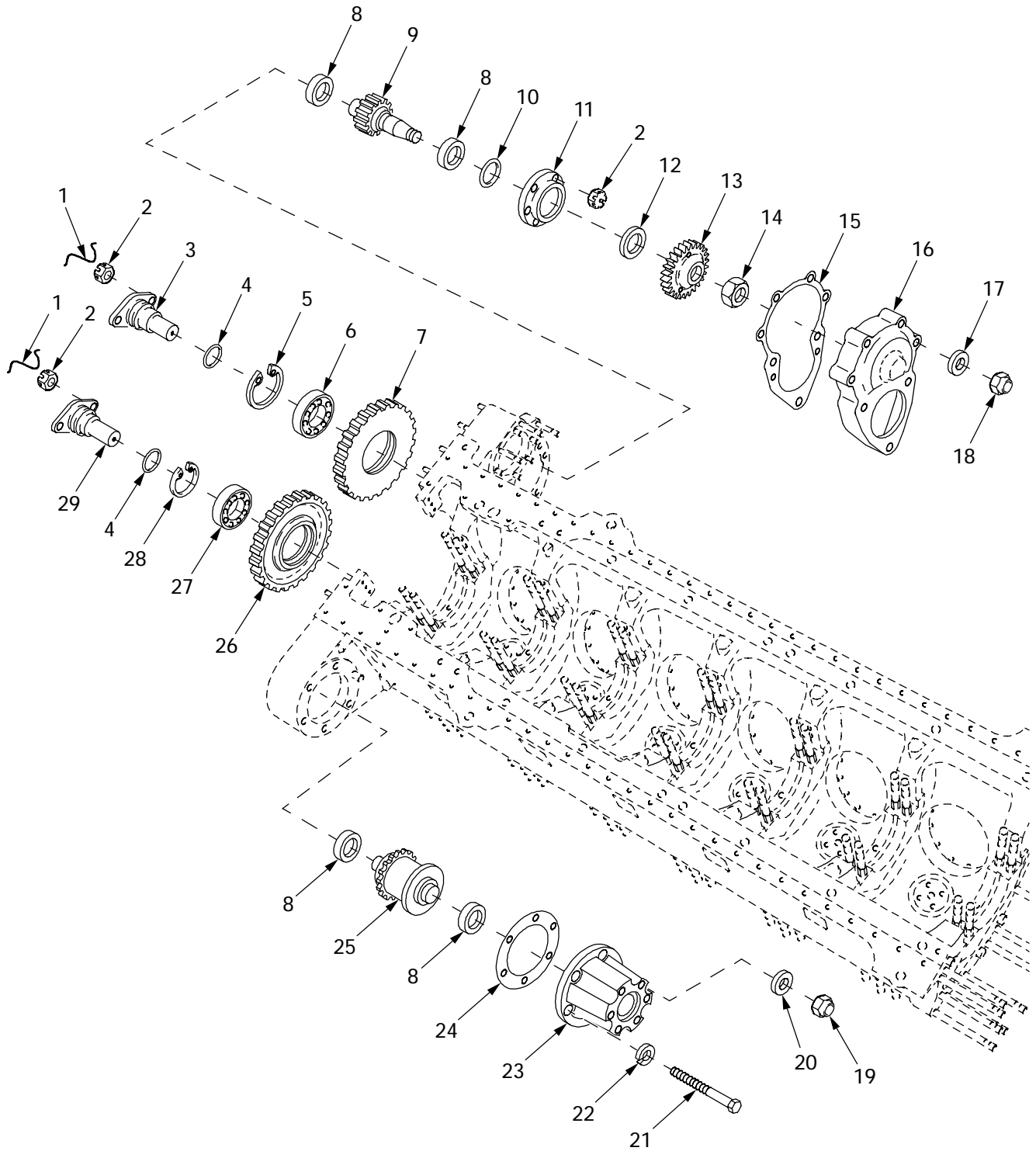
Figure 28. Aftercooler and Bypass Valve System and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0108 MANIFOLDS FIGURE 28 AFTERCOOLER AND BYPASS VALVE SYSTEM AND ASSOCIATED PARTS	
1	PAFFF	2930-01-422-5415	02978	E9AR131-0510	AFTERCOOLER ASSEMBL.....	2
2	PAFZZ	5320-00-850-3282	81349	M24243/1A408	.RIVET,BLIND.....	10
3	PAFZZ	9535-01-446-6297	02978	E9AR131-119	.STRIP,METAL.....	4
4	PAFZZ	5330-01-433-5309	02978	E9AR131-024	.SEAL,PLAIN PART OF KIT P/N E8CR100-013.....	1
5	PAFZZ	5310-00-764-1764	96906	MS9320-06	.WASHER,FLAT.....	10
6	XAFZZ		02978	E9AR131-051	.AFTERCOOLER.....	1
7	PBFZZ	2510-01-436-4171	02978	E9AR131-049	SUPPORT,AFTERCOOLER LOWER,LEFT,CENTER.....	1
7	PBFZZ	5340-01-433-1088	02978	E9AR131-050	SUPPORT,AFTERCOOLER LOWER,RIGHT,CENTER.....	1
8	PAFZZ	5305-00-269-3234	80204	B1821BH038F075N	SCREW,CAP,HEXAGON H 3/8-24 X .750,UNF-2A,GRADE 5,AFTERCOOLER LOWER SUPPORTS TO AFTERCOOLER.....	8
9	PAFZZ	5305-00-709-8523	80204	B1821BH044F125N	SCREW,CAP,HEXAGON H 7/16-20 X 1.250,UNF-2A,GRADE 8,AFTERCOOLER TO UPPER SUPPORTS.....	6
10	PAFZZ	4730-01-433-5011	02978	352847	SPACER,FLANGE.....	6
11	PAFZZ	5325-00-276-6096	88044	AN931B9-13	GROMMET,NONMETALLIC.....	6
12	PBFZZ	2510-01-436-4173	02978	E9AR131-013	SUPPORT,AFTERCOOLER UPPER,CYLINDER NO.1,LEFT.....	1
12	PBFZZ	2510-01-436-4177	02978	E9AR131-017	SUPPORT,AFTERCOOLER UPPER,CYLINDER NO.1,RIGHT.....	1
13	PBFZZ	2510-01-436-4179	02978	651604	SUPPORT,AFTERCOOLER LOWER,LEFT,FLYWHEEL END.....	1
13	PBFZZ	5340-01-433-1085	02978	E8CR131-015	SUPPORT,AFTERCOOLER LOWER RIGHT,FLYWHEEL END.....	1
14	PBFZZ	2510-01-436-4176	02978	E9AR131-014	SUPPORT,AFTERCOOLER UPPER,CYLINDER NO.3,LEFT.....	1
14	PBFZZ	2510-01-436-4178	02978	E9AR131-020	SUPPORT,AFTERCOOLER UPPER,CYLINDER NO.3,RIGHT.....	1
15	PBOZZ	2815-01-434-5187	02978	E8DR129-027	BAFFLE,AIRFLOW,ENGI LEFT.....	1
16	PBOZZ	2815-01-434-5186	02978	E8DR129-026	BAFFLE,AIRFLOW,ENGI LEFT 4,RIGHT 5.	9
17	PAOZZ	5305-00-042-5640	24617	425640	SCREW,ASSEMBLED WAS 5/16-24 X .750,UNF-2A,STEEL.....	20
18	PBFZZ	2510-01-436-4180	02978	651603	SUPPORT,AFTERCOOLER UPPER,CYLINDER NO.5,LEFT & CYLINDER NO.6,RIGHT.....	2
19	PAFZZ	2510-01-435-7980	02978	E9AR131-0260	SCREEN,AFTERCOOLER.....	4
20	PAFZZ	5310-00-809-3078	96906	MS27183-11	WASHER,FLAT.....	4
21	PAFZZ		80204	W211NAA0031NN038 NNCG1	WASHER,LOCK.....	4
22	PAFZZ	5306-00-050-1238	80204	B1821BH031F075N	BOLT,MACHINE 5/16-24 X .750,UNF-2A,GRADE 8.....	4
23	AFFHH		02978	E8DR131-0220-1	HOUSING ASSEMBLY LEFT.....	1
23	AFFHH		02978	E8DR131-0220-2	HOUSING ASSEMBLY RIGHT.....	1
24	PAFZZ	5325-00-163-6563	96906	MS16625-3400	.RING,RETAINING.....	1
25	PAFZZ	2815-01-434-5188	19207	CPR124822	.PISTON,AFTERCOOLER.....	1
26	PAFZZ	5330-01-433-5298	02978	597409	.RETAINER,PACKING.....	2
27	PAFZZ	5360-01-433-9373	02978	E8CR131-014	.SPRING,AFTERCOOLER.....	1
28	PBFHH	2930-01-434-4019	02978	E9AR131-0030-1	.VALVE HOUSING,ASSEM LEFT.....	1
28	PBFHH	2930-01-434-4020	02978	E9AR131-0030-2	.VALVE HOUSING,ASSEM RIGHT.....	1
29	PAHZZ	5325-00-680-8768	96906	MS21209F6-15	..INSERT,SCREW THREAD.....	13
30	XAFZZ		02978	E9AR131-003-1	..HOUSING LEFT.....	1
30	XAFZZ		02978	E9AR131-003-2	..HOUSING RIGHT.....	1
31	PAFZZ	2815-01-434-5189	19207	CPR2257	.SLEEVE,AFTERCOOLER.....	1
32	PAFZZ	5330-00-166-8411	81349	M83248/1-220	.O-RING PART OF KIT P/N E8CR100-013.	1
33	PAFZZ	5330-00-165-1958	81349	M83248/1-240	.O-RING PART OF KIT P/N E8CR100-013.	1
34	PBFZZ	2590-01-435-0624	02978	E9AR131-016	.HOUSING,THERMO CONT.....	1

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
35	PAFZZ	5310-00-184-8974	96906	MS9320-12	.WASHER,FLAT.....	9
36	PAFZZ	5305-00-269-2803	96906	MS90726-60	.SCREW,CAP,HEXAGON H 3/8-24 X 1.000,UNF-2A,GRADE 5.....	4
37	PAFZZ	5305-00-269-4528	80204	B1821BH038F425N	.SCREW,CAP,HEXAGON H 3/8-24 X 4.250,UNF-2A,GRADE 8.....	5
38	PBFZZ	5340-01-433-1082	02978	651608	.COVER,ACCESS.....	1
39	PAFZZ	5330-01-433-5304	02978	E9AR131-215	.GASKET PART OF KIT P/N E8CR100-013.	1
40	PAFZZ	5330-01-433-5304	02978	E9AR131-215	GASKET PART OF KIT P/N E8CR100-013..	2
41	PAFZZ	5306-00-225-9088	96906	MS90726-33	BOLT,MACHINE 5/16-24 X .875,UNF-2A,GRADE 5,AFTERCOOLER LOWER SUPPORTS TO CRANKCASE.....	8
42	PAFZZ	5310-00-194-0636	96906	MS9320-11	WASHER,FLAT.....	8
43	PAFZZ	5306-00-225-9089	96906	MS90726-34	BOLT,MACHINE 5/16-24 X 1.000,UNF-2A,GRADE 5,AFTERCOOLER LOWER SUPPORTS TO CRANKCASE.....	4
44	PBFZZ	2510-01-436-4172	02978	E9AR131-005	SUPPORT,AFTERCOOLER	1
44	PBFZZ	2510-01-436-4174	02978	E9AR131-007	LOWER,LEFT,DAMPER END..... SUPPORT,AFTERCOOLER LOWER RIGHT,DAMPER END.....	1

END OF FIGURE

Generator and Starter Driven Idler Gears and Shafts



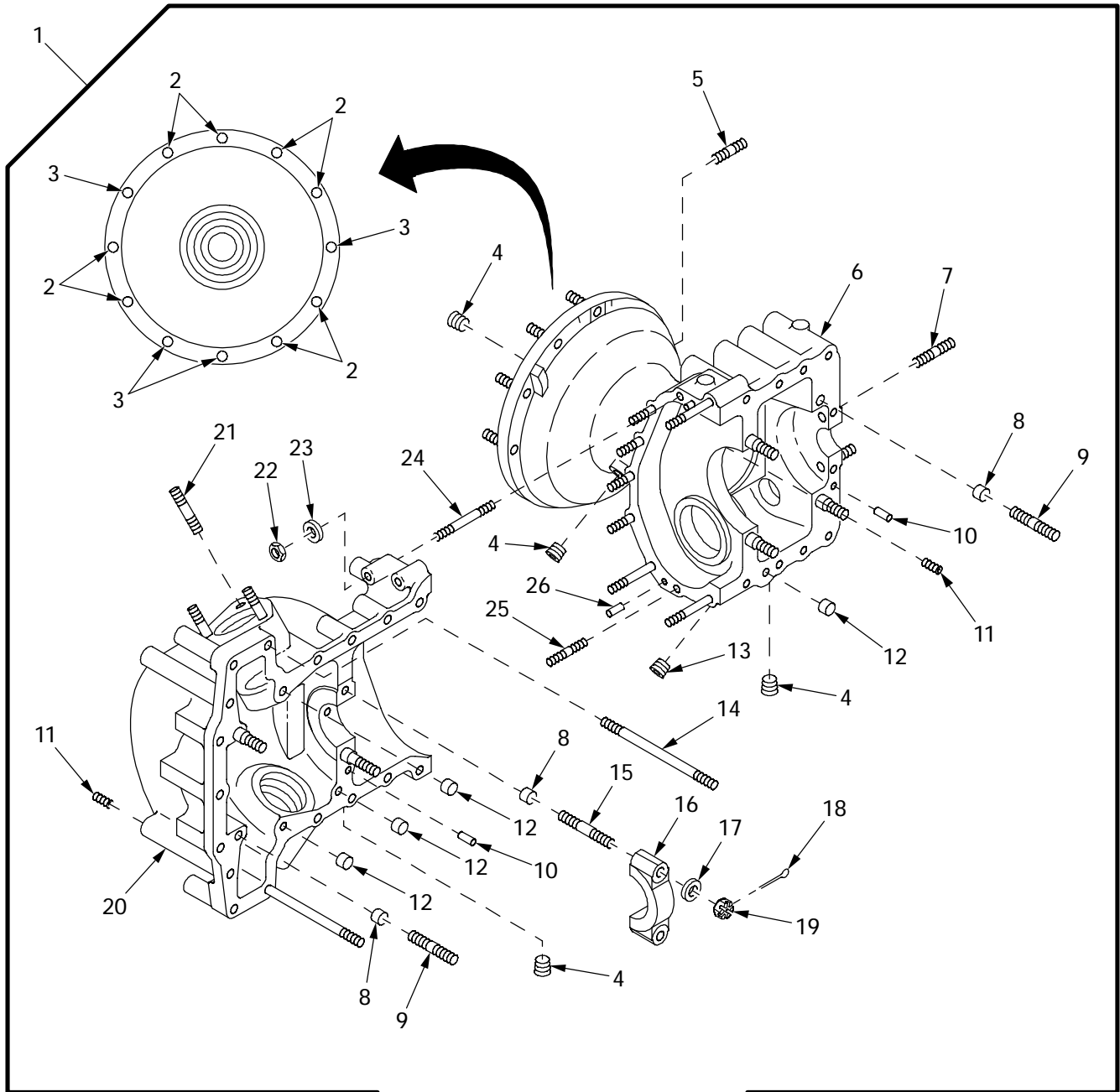
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Figure 29. Generator and Starter Driven Idler Gears and Shafts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0109 ACCESSORY DRIVING MECHANISMS	
					FIGURE 29 GENERATOR AND STARTER DRIVEN IDLER GEARS AND SHAFTS	
1	MHHZZ		96906	MS20995NC40-12	WIRE,NONELECTRICAL MAKE FROM WIRE, P/N MS20995NC40.....	4
2	PAHZZ	5310-00-401-0825	96906	MS35692-14	NUT,PLAIN,SLOTTED,H.....	10
3	PAHZZ	3040-00-861-1448	19207	10898915	SHAFT,SHOULDERED.....	1
4	PAHZZ	5330-00-171-6649	96906	MS28775-223	O-RING PART OF KIT P/N E8CR100-013..	2
5	PAHZZ	5325-00-260-4875	96906	MS16625-1354	RING,RETAINING.....	1
6	PAHZZ	3110-00-155-6675	08162	1406	BEARING,BALL,ANNULA.....	1
7	PAHZZ	3020-00-851-9176	19207	10898777	GEAR,SPUR.....	1
8	PAHZZ	3110-00-516-5490	81348	111X03502X0000	BEARING,BALL,ANNULA.....	4
9	PAHZZ	3040-00-861-1447	02978	10898779	GEARSHAFT,SPUR.....	1
10	PAHZZ	5330-00-579-6861	96906	MS28775-236	O-RING PART OF KIT P/N E8CR100-013..	1
11	PAHZZ	3130-00-937-1467	19207	8761022	HOUSING,BEARING UNI.....	1
12	PAHZZ	5330-00-492-1774	19207	11668614	SEAL,PLAIN ENCASED PART OF KIT P/N E8CR100-013.....	1
13	PAHZZ	3020-01-439-3445	02978	E9AR107-018	GEAR,SPUR.....	1
14	PAHZZ	5310-00-655-9859	19207	8761273	NUT,PLAIN,SLOTTED,H.....	1
15	PAHZZ	5330-00-438-1861	19207	10912558	GASKET PART OF KIT P/N E8CR100-013..	1
16	PBHZZ	5340-00-498-2398	19207	8725275	BRACKET,MOUNTING.....	1
17	PAFZZ	5310-00-333-7348	19207	8679576	WASHER,FLAT.....	4
18	PAFZZ	5310-00-959-1488	81349	M45913/2-6FG5C	NUT,SELF-LOCKING,HE.....	4
19	PAHZZ	5310-00-088-0552	96906	MS21044N7	NUT,SELF-LOCKING,HE.....	1
20	PAHZZ	5310-00-167-0822	88044	AN960-716	WASHER,FLAT.....	1
21	PAHZZ	5305-00-709-8284	96906	MS90727-103	SCREW,CAP,HEXAGON H 7/16-24 X 5.000,UNF-2A,GRADE 8.....	5
22	PAHZZ	5310-00-655-9370	96906	MS35340-47	WASHER,LOCK.....	5
23	PAHZZ	3040-01-434-6170	02978	E8CR134-002	ADAPTER,GENERATOR.....	1
24	KFHZZ		19207	8761081	GASKET PART OF KIT P/N E8CR100-013..	1
25	PAHZZ	3020-00-398-6713	19207	11682722	GEAR-SLIP CLUTCH,SP.....	1
26	PAHZZ	3020-00-678-4239	19207	8682689	GEAR,SPUR.....	1
27	PAHZZ	3110-00-156-5445	21335	5306W	BEARING,BALL,ANNULA.....	1
28	PAHZZ	5365-00-822-2136	96906	MS16625-1281	RING,RETAINING.....	1
29	PAHZZ	3040-00-678-4233	19207	8761440	SHAFT,SHOULDERED.....	1

END OF FIGURE

Accessory Drive Housing and Associated Parts



011042

Figure 30. Accessory Drive Housing and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0109 ACCESSORY DRIVING MECHANISMS	
					FIGURE 30 ACCESSORY DRIVE HOUSING AND ASSOCIATED PARTS	
1	PBHHH	2930-01-435-1064	02978	E8CR129-0140-1	HOUSING ASSEMBLY,AC.....	1
2	PAHZZ	5307-00-638-7608	03104	401975S	.STUD,PLAIN 0.007 OVERSIZE.....	8
2	PAHZZ	5307-00-272-6331	19207	8365809	.STUD,PLAIN 0.003 OVERSIZE.....	8
3	PAHZZ	5307-00-734-8596	19207	7348596	.STUD,PLAIN 0.007 OVERSIZE.....	4
3	PAHZZ	5307-00-741-0395	28839	401895J	.STUD,PLAIN 0.003 OVERSIZE.....	4
4	PAHZZ	4730-00-044-4689	28839	401752	.PLUG,PIPE.....	4
5	PAHZZ	5307-00-706-5766	19207	7065766	.STUD,PLAIN 0.003 OVERSIZE.....	1
5	PAHZZ	5307-00-706-5767	19207	7065767	.STUD,PLAIN 0.007 OVERSIZE.....	1
6	XAHZZ		02978	E8CR129-013	.HOUSING.....	1
7	PAHZZ	5307-00-638-7608	03104	401975S	.STUD,PLAIN 0.007 OVERSIZE.....	2
7	PAHZZ	5307-00-734-8668	19207	7348668	.STUD,PLAIN 0.003 OVERSIZE.....	2
8	PAHZZ	4710-01-248-9634	19207	8682469	.TUBE,METALLIC.....	8
9	PAHZZ	5307-00-734-8803	19207	7348803	.STUD,PLAIN 0.003 OVERSIZE.....	6
9	PAHZZ	5307-00-734-8804	19207	7348804	.STUD,PLAIN 0.007 OVERSIZE.....	6
10	PAHZZ	5315-00-058-9929	02978	501031	.PIN,STRAIGHT,HEADLE.....	2
11	PAHZZ	5325-00-291-3495	96906	MS124697	.INSERT,SCREW THREAD.....	3
12	PAHZZ	4710-01-436-5532	19207	8682513	.TUBE,OIL TRANSFER.....	4
13	PAHZZ		19207	7338671	.PLUG,PIPE.....	1
14	PAHZZ	5307-00-678-6882	19207	7992665	.STUD,PLAIN 0.003 OVERSIZE.....	2
14	PAHZZ	5307-00-678-6883	19207	7992666	.STUD,PLAIN 0.007 OVERSIZE.....	2
15	PAHZZ	5307-00-678-6884	19207	7992689	.STUD,PLAIN 0.003 OVERSIZE.....	2
15	PAHZZ	5307-00-678-6885	19207	7992690	.STUD,PLAIN 0.007 OVERSIZE.....	2
16	XAHZZ		19207	7320440	.CAP.....	1
17	PAHZZ	5310-00-333-7348	19207	8679576	.WASHER,FLAT.....	2
18	PAHZZ	5315-00-839-5820	96906	MS24665-134	.PIN,COTTER.....	2
19	PAHZZ	5310-00-842-1488	96906	MS35692-21	.NUT,PLAIN,SLOTTED,H.....	2
20	XAHZZ		19207	11642123	.HOUSING.....	1
21	PAHZZ	5307-00-264-2472	19207	7744813	.STUD,PLAIN 0.003 OVERSIZE.....	6
21	PAHZZ	5307-00-264-2471	28839	401819	.STUD,PLAIN 0.007 OVERSIZE.....	6
22	PAHZZ	5310-00-088-0553	96906	MS21044N5	.NUT,SELF-LOCKING,HE.....	9
23	PAHZZ	5310-00-167-0820	80205	NAS1149F0563P	.WASHER,FLAT.....	9
24	PAHZZ	5307-00-207-8620	19207	7971982	.STUD,PLAIN 0.003 OVERSIZE.....	4
24	PAHZZ	5307-00-207-8619	19207	7971983	.STUD,PLAIN 0.007 OVERSIZE.....	4
25	PAHZZ	5307-00-272-6331	19207	8365809	.STUD,PLAIN 0.003 OVERSIZE.....	5
25	PAHZZ	5307-00-272-6332	19207	8365810	.STUD,PLAIN 0.007 OVERSIZE.....	5
26	PAHZZ	5315-00-241-2916	88044	AN122718	.PIN,STRAIGHT,HEADLE.....	2

END OF FIGURE

Accessory Drive Housing and Associated Parts

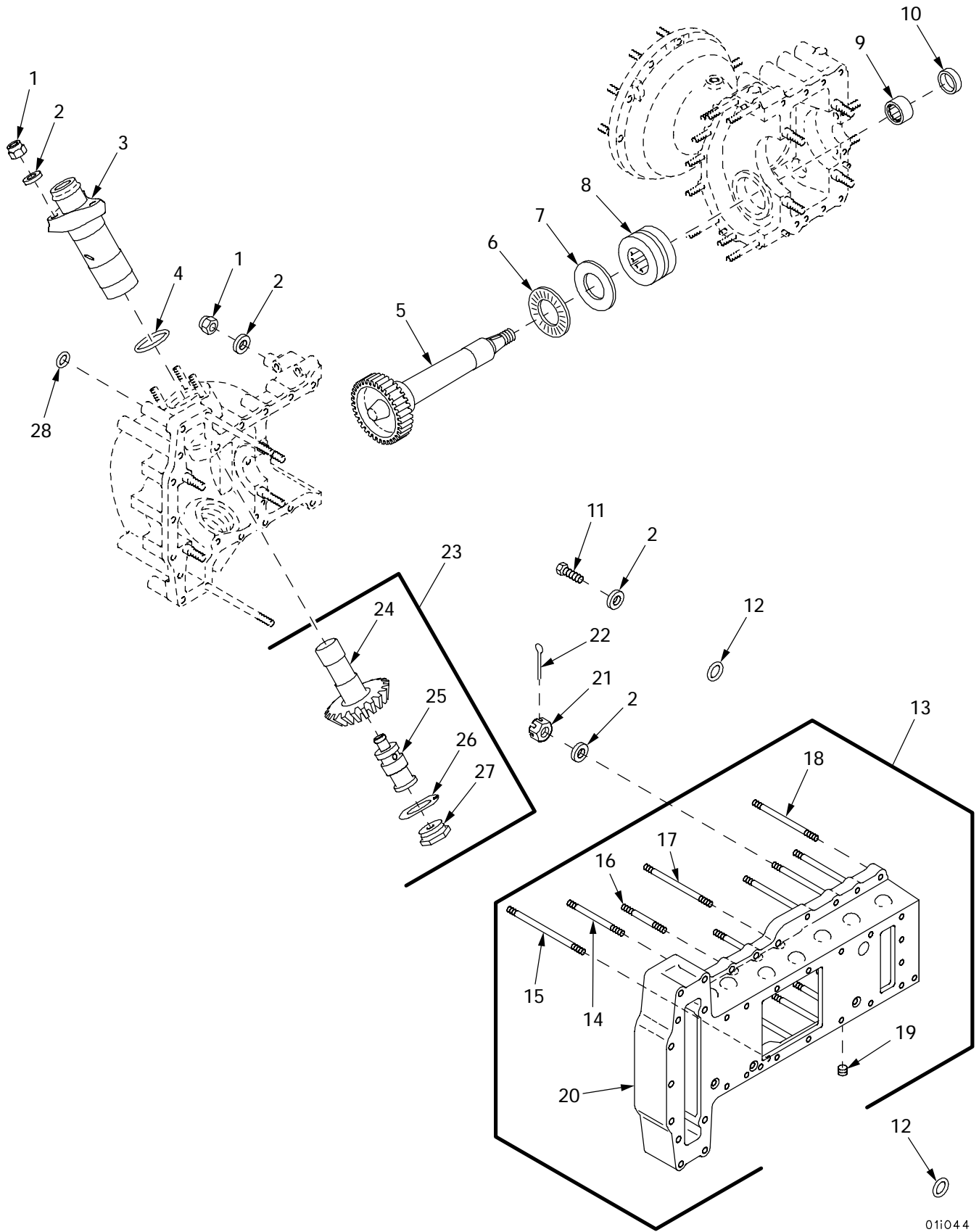
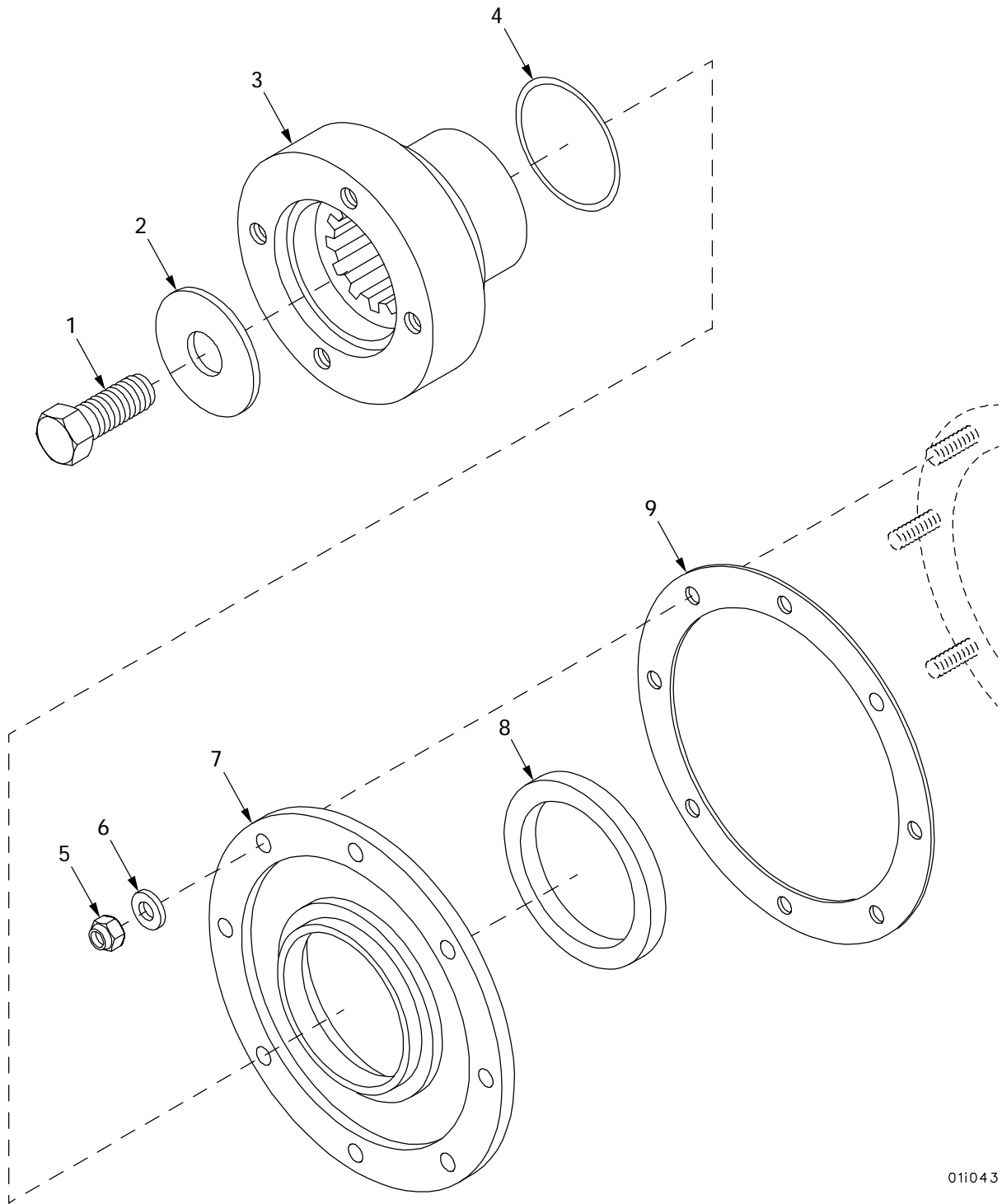


Figure 31. Accessory Drive Housing and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0109 ACCESSORY DRIVING MECHANISMS	
					FIGURE 31 ACCESSORY DRIVE HOUSING AND ASSOCIATED PARTS	
1	PAFZZ	5310-00-959-1488	81349	M45913/2-6FG5C	NUT, SELF-LOCKING, HE.....	34
2	PAFZZ	5310-00-333-7348	19207	8679576	WASHER, FLAT.....	50
3	PBHZZ	2815-01-005-1463	19207	10865361	SUPPORT, ACCESSORY C.....	2
4	PAHZZ	5330-00-576-9732	96906	MS28775-226	O-RING PART OF KIT P/N E8CR100-013..	2
5	PAHZZ	3040-01-433-8280	02978	654251	GEARSHAFT, SPUR.....	1
6	PAHZZ		60380	NTA3244	BEARING, ROLLER, NEED.....	1
7	PAHZZ	3110-00-899-9409	60380	TRA3244	SEAT, BEARING.....	1
8	PAHZZ	3110-00-903-1493	60380	HJ324116	BEARING, ROLLER, NEED.....	1
9	PAHZZ	3110-01-038-5721	60380	JH2216	BEARING, ROLLER, NEED.....	1
10	PAHZZ	5330-01-433-8443	01697	654266	SEAL, PLAIN ENCASED PART OF KIT P/N E8CR100-013.....	1
11	PAHZZ		80204	S210NA38FAK19354 BNCG1	SCREW 3/8-24 X 1.250, UNF-2A, GRADE 8	6
12	PAHZZ	5331-00-585-6663	96906	MS28775-110	PACKING, PREFORMED PART OF KIT P/N E8CR100-013.....	7
13	PBHZZ	2815-00-177-9162	19207	8761206	BASE, ACCESSORY DRIV.....	1
14	PAHZZ	5307-00-678-6880	19207	7992649	.STUD, PLAIN 0.003 OVERSIZE.....	2
14	PAHZZ	5307-00-678-6881	19207	7992650	.STUD, PLAIN 0.007 OVERSIZE.....	2
15	PAHZZ	5307-00-678-6891	19207	8761442	.STUD, PLAIN 0.003 OVERSIZE.....	2
15	PAHZZ	5307-00-678-6890	19207	8761443	.STUD, PLAIN 0.007 OVERSIZE.....	2
16	PAHZZ	5307-00-678-6876	19207	7084444	.STUD, PLAIN 0.003 OVERSIZE.....	4
16	PAHZZ	5307-00-678-6877	19207	7084445	.STUD, PLAIN 0.007 OVERSIZE.....	4
17	PAHZZ	5307-00-678-6887	19207	8761199	.STUD, PLAIN 0.003 OVERSIZE.....	1
17	PAHZZ	5307-00-678-6888	19207	8761200	.STUD, PLAIN 0.007 OVERSIZE.....	1
18	PAHZZ	5307-00-741-0163	19207	7410163	.STUD, PLAIN 0.003 OVERSIZE.....	9
18	PAHZZ	5307-00-741-0162	28839	401874S	.STUD, PLAIN 0.007 OVERSIZE.....	9
19	PAHZZ	4730-00-044-4689	28839	401752	.PLUG, PIPE.....	4
20	XAHZZ		19207	8761188	.BASE.....	1
21	PAHZZ	5310-00-842-1488	96906	MS35692-21	NUT, PLAIN, SLOTTED, H.....	10
22	PAHZZ	5315-00-839-5820	96906	MS24665-134	PIN, COTTER.....	10
23	PBHZZ	3040-01-433-8556	02978	E9A109-0040	GEARSHAFT ASSEMBLY,.....	2
24	XAHZZ		02978	E9A109-002	.GEARSHAFT, BEVEL.....	1
25	XAHZZ		19207	8682539	.PLUG.....	1
26	PAHZZ	5310-00-239-5848	19207	10865381	.WASHER, KEY.....	1
27	PAHZZ	5365-01-433-8408	19207	10865382	.PLUG, MACHINE THREAD.....	1
28	PAHZZ	5330-00-814-6675	25184	110 3-8	PACKING WITH RETAIN PART OF KIT P/N E8CR100-013.....	2

END OF FIGURE

Power Take-Off Drive Housing and Associated Parts



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Figure 32. Power Take-Off Drive Housing and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0109 ACCESSORY DRIVING MECHANISMS	
					FIGURE 32 POWER TAKE-OFF DRIVE HOUSING AND ASSOCIATED PARTS	
1	PAFZZ	5305-00-965-6837	80204	B1821BH100C175N	SCREW,CAP,HEXAGON H 1-8 X 1.750,UNC-2A,GRADE 8.....	1
2	PAFZZ	5310-01-433-4087	02978	E8DR109-004	WASHER,FLAT.....	1
3	PBFZZ	3010-01-434-5423	02978	E8DR109-006	COUPLING,PTO.....	1
4	PAFZZ	5330-00-165-1951	81349	M83248/1-233	O-RING PART OF KIT P/N E8CR100-013..	1
5	PAFZZ	5310-00-959-1488	81349	M45913/2-6FG5C	NUT,SELF-LOCKING,HE.....	8
6	PAFZZ	5310-00-333-7348	19207	8679576	WASHER,FLAT.....	8
7	PBFZZ	5340-01-433-0538	02978	E8DR109-001	COVER,ACCESS.....	1
8	PAFZZ	5330-00-005-0586	01212	415146	SEAL,PLAIN ENCASED PART OF KIT P/N E8CR100-013.....	1
9	PAFZZ	5330-00-678-3171	19207	8725277	GASKET PART OF KIT P/N E8CR100-013..	1

END OF FIGURE

Automatic Injection Advance Assembly

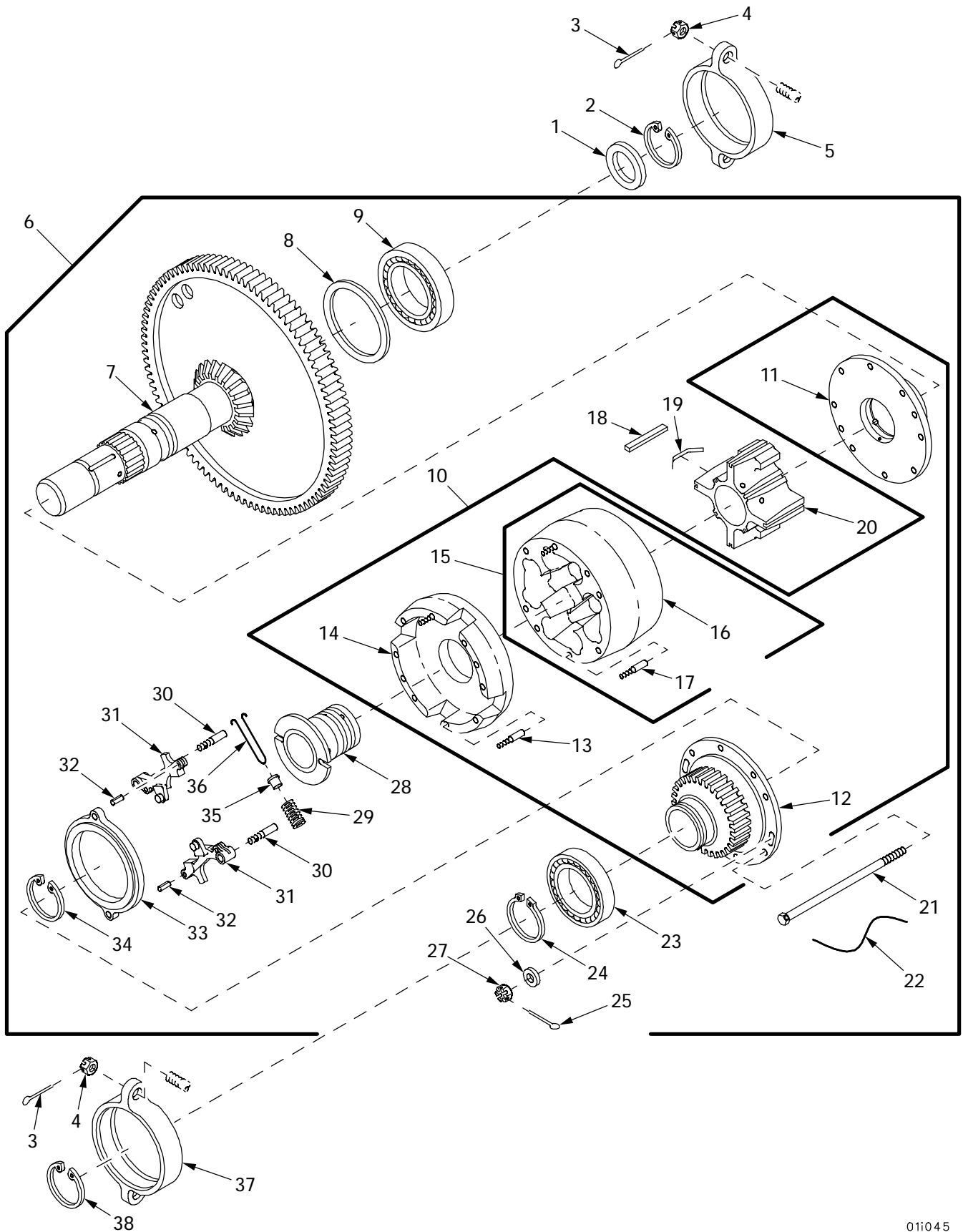
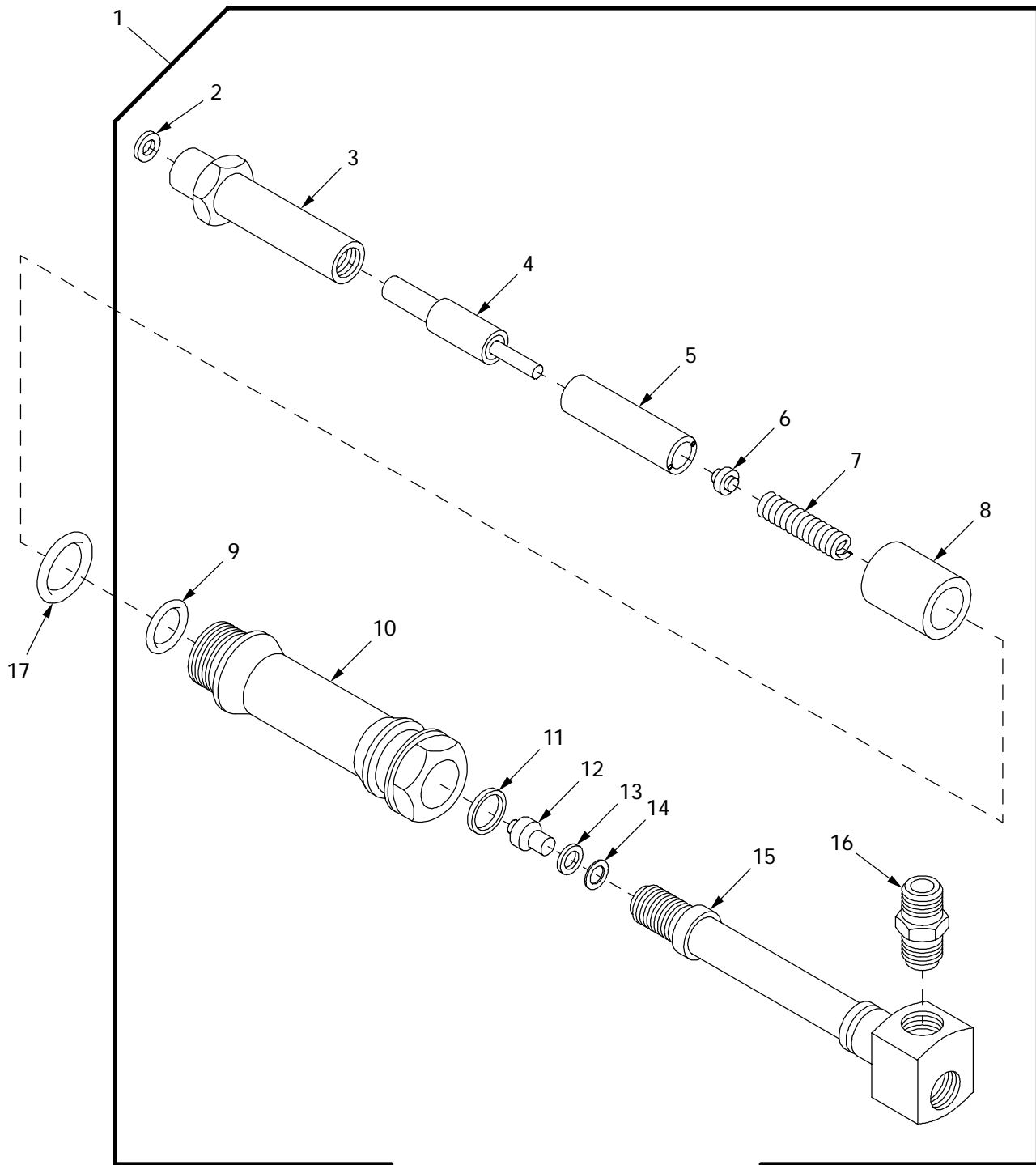


Figure 33. Automatic Injection Advance Assembly

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0109 ACCESSORY DRIVING MECHANISMS	
					FIGURE 33 AUTOMATIC INJECTION ADVANCE ASSEMBLY	
1	PAHZZ	5310-00-406-7319	19207	8761244	WASHER, FLAT.....	1
2	PAHZZ	5365-00-804-2786	96906	MS16625-1125	RING, RETAINING.....	1
3	PAHZZ	5315-00-839-5820	96906	MS24665-134	PIN, COTTER.....	4
4	PAHZZ	5310-00-842-1488	96906	MS35692-21	NUT, PLAIN, SLOTTED, H.....	4
5	PAHZZ	3040-00-394-9695	19207	11684059	BRACKET, EYE, ROTATING.....	1
6	PBHHH	2910-01-439-9834	02978	E9AR110-0110	INJECTOR ASSEMBLY, F.....	1
7	PBHZZ	3040-01-433-8144	02978	654115	.GEARSHAFT, BEVEL-SPU.....	1
8	PAHZZ	5365-00-678-4730	19207	8761041	.SHIM.....	1
9	PAHZZ	3110-01-094-9268	21450	701077	.BEARING, BALL, ANNULA.....	1
10	PBHHH	2815-01-432-8526	02978	E9AR110-0170	.HOUSING ASSEMBLY, IN.....	1
11	XAHZZ		19207	10889712	..COVER.....	1
12	XAHZZ		02978	654098	..GEARSHAFT, SPUR.....	1
13	PAHZZ	5315-00-058-9919	19207	MJ3-202-589919	..PIN, STRAIGHT, HEADLE.....	2
14	XAHZZ		02978	E9AR110-018	..HOUSING.....	1
15	XAHZZ		19207	8682730	..HOUSING ASSEMBLY.....	1
16	XAHZZ		19207	7320403	..HOUSING.....	1
17	PAHZZ	5315-00-058-9919	19207	MJ3-202-589919	...PIN, STRAIGHT, HEADLE.....	2
18	KFHZZ		19207	10882649	.SEAL PART OF KIT P/N 5702641.....	8
19	KFHZZ		19207	10882650	.SPRING PART OF KIT P/N 5702641.....	8
20	XAHZZ		19207	7320400	.VANE.....	1
21	PAHZZ	5306-00-837-9469	19207	10898746	.BOLT, MACHINE 1/4-28 X 4.000, UNF-2A, ALLOY STEEL.....	6
22	MHHZZ		96906	MS20995NC32-12	.WIRE, NONELECTRICAL MAKE FROM WIRE, P/N MS20995NC32.....	3
23	PAHZZ	3110-01-436-3694	02978	353326	.BEARING, ROLLER, CYLI.....	1
24	PAHZZ	5325-00-682-1619	19207	586365	.RING, RETAINING.....	1
25	PAHZZ	5315-00-839-2325	96906	MS24665-132	.PIN, COTTER.....	2
26	PAHZZ	5310-00-194-0637	96906	MS9320-10	.WASHER, FLAT.....	2
27	PAHZZ	5310-00-047-2391	96906	MS21225-4	.NUT, SELF-LOCKING, SL.....	2
28	PBHZZ	4820-00-678-4729	19207	8682731	.VALVE, REGULATING, FL.....	1
29	PAHZZ	5360-01-433-9379	02978	E9AR110-026	.SPRING, HELICAL, COMP.....	2
30	XAHZZ		02978	E9AR105-009	.PIN, STRAIGHT, THREAD.....	2
31	XAHZZ		02978	E9AR110-012	.FLYWEIGHT ASSEMBLY.....	2
32	PAHZZ		96906	MS171584	.PIN, SPRING.....	4
33	XAHZZ		19207	8682732	.RING, ADJUSTING.....	1
34	PAHZZ	5325-00-804-2782	96906	MS16625-1162	.RING, RETAINING.....	1
35	PAHZZ	5340-01-442-8635	02978	E9AR110-008	.SEAT, HELICAL COMPRE .130 HD THK, YELLOW.....	4
35	PAHZZ	5340-01-433-3459	02978	E9AR110-008-1	.SEAT, HELICAL COMPRE .110 HD THK, BLUE.....	V
35	PAHZZ	5340-01-433-3470	02978	E9AR110-008-2	.SEAT, HELICAL COMPRE .150 HD THK, GREEN.....	V
36	PAHZZ	5340-00-410-1216	19207	11684063	.CLIP, RETAINING.....	4
37	PAHZZ	3130-01-439-5505	02978	699783	HOUSING, BEARING UNI.....	1
38	PAHZZ	5365-00-598-6232	96906	MS16625-1315	RING, RETAINING.....	1

END OF FIGURE

Fuel Injector Nozzle and Holder Assembly



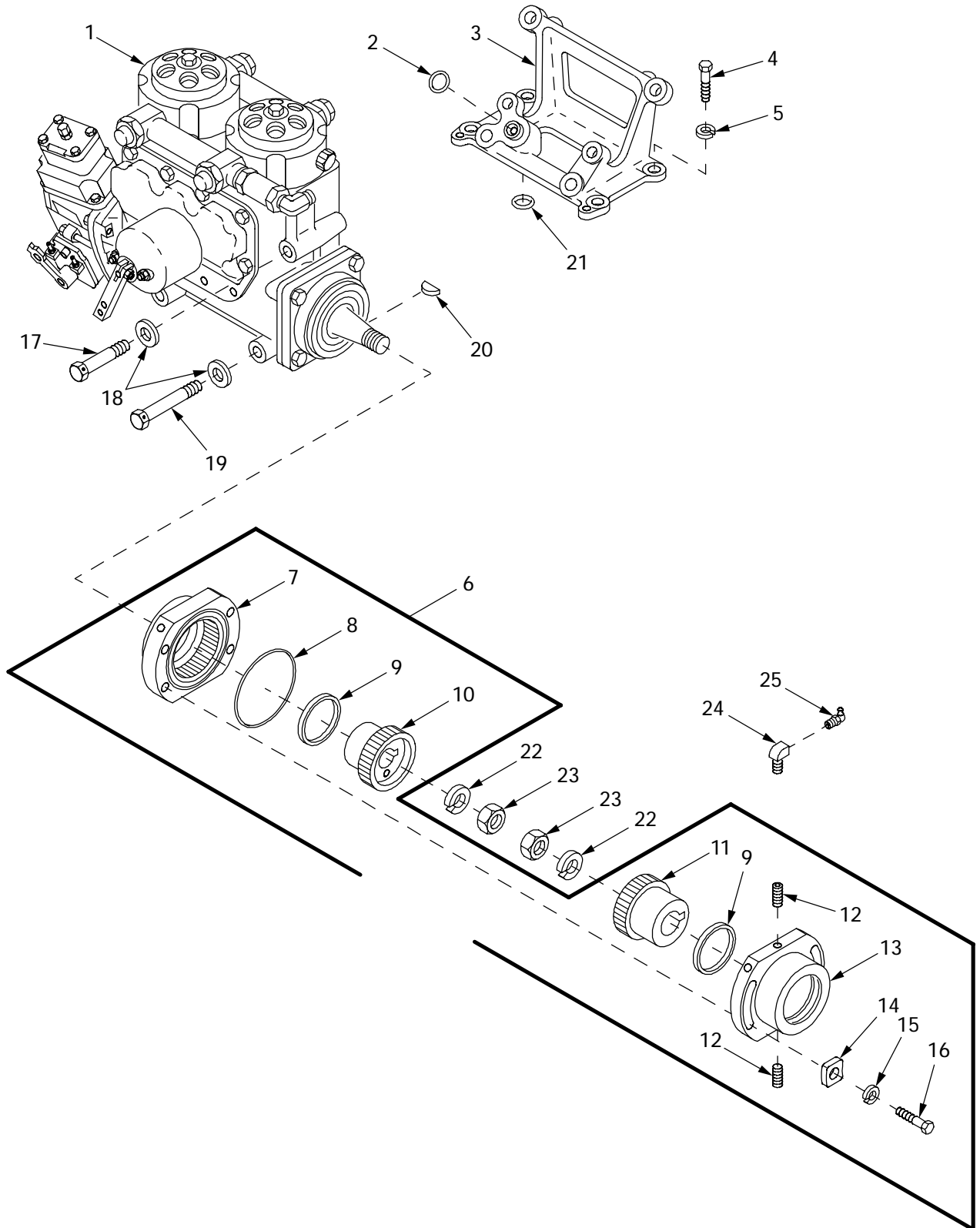
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Figure 34. Fuel Injector Nozzle and Holder Assembly

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 03 FUEL SYSTEM	
					GROUP 0301 CARBURETOR, FUEL INJECTION	
					FIGURE 34 FUEL INJECTOR NOZZLE AND HOLDER ASSEMBLY	
1	PAFFF	2910-01-432-8527	02978	E8DR130-0440	NOZZLE AND HOLDER A.....	12
2	PAFZZ	5330-01-433-5274	01843	GA770337	.GASKET PART OF KIT P/N E8CR100-013.	1
3	XAFZZ		01843	NT7899	.NUT.....	1
4	PAFZZ	2910-01-434-0761	02978	E8DR130-0450	.NOZZLE TIP,FUEL INJ.....	1
5	XAFZZ		01843	SR7829	.SPACER.....	1
6	XAFZZ		19207	10951061	.SEAT.....	1
7	XAFZZ		01843	SP7830	.SPRING.....	1
8	PAFZZ	2910-01-434-7390	01843	SV780843	.SLEEVE,COOLING.....	1
9	PAFZZ	5330-00-167-5114	81349	M83248/1-126	.O-RING PART OF KIT P/N E8CR100-013.	1
10	XAFZZ		01843	RN780807	.RETAINER.....	1
11	PAFZZ	5330-00-165-1975	81349	M83248/1-911	.O-RING PART OF KIT P/N E8CR100-013.	1
12	PAFZZ	2910-00-878-9933	01843	GU7837	.SEAT,NOZZLE AND HOL.....	1
13	KFFZZ		01843	SR7828-2	.SHIM 0.0062-0.0078 IN THICK PART OF KIT P/N 5702674.....	1
13	KFFZZ		01843	SR7828-3	.SHIM 0.009-0.011 IN THICK PART OF KIT P/N 5702674.....	1
13	KFFZZ		01843	SR7828-4	.SHIM 0.024-0.026 IN THICK PART OF KIT P/N 5702674.....	1
13	KFFZZ		01843	SR7828-5	.SHIM 0.040-0.044 IN THICK PART OF KIT P/N 5702674.....	1
13	PAFZZ	5365-00-878-9932	99066	SR7828-1	.SPACER,NOZZLE AND H 0.0015-0.0025 IN THICK PART OF KIT P/N 5702674....	1
14	PAFZZ	5365-00-089-8836	99066	SR7827	.SPACER,SLEEVE.....	1
15	XAFZZ		01843	HH78371	.BODY.....	1
16	PAFZZ		01843	SD783154	.STUD-FUEL INLET.....	1
17	PAFZZ	5330-00-078-4866	19207	10935359	O-RING PART OF KIT P/N E8CR100-013..	12

END OF FIGURE

Fuel Metering Pump, Base, Coupling Assembly and Associated Parts



031030

Figure 35. Fuel Metering Pump, Base, Coupling Assembly and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0302 FUEL PUMPS	
					FIGURE 35 FUEL METERING PUMP, BASE, COUPLING ASSEMBLY AND ASSOCIATED PARTS	
1	PAFHD	2910-01-435-1710	01843	KT8829-1	PUMP,FUEL,METERING.....	1
2	PAFZZ	5330-00-579-3156	96906	MS28775-116	O-RING PART OF KIT P/N E8CR100-013..	1
3	PAHZZ	3040-01-454-3534	02978	E9AR130-2620	BRACKET,EYE,ROTATIN.....	1
4	PAHZZ	5305-00-725-0154	80204	B1821BH050F138N	SCREW,CAP,HEXAGON H 1/2-20 X 1.375,UNF-2A,GRADE 8.....	4
5	PAHZZ	5310-00-584-5272	96906	MS35338-48	WASHER,LOCK.....	4
6	PAFFF	3010-01-432-2688	75394	CC14981	COUPLING,SHAFT,FLEX.....	1
7	XAFZZ		75394	CC14982	.SLEEVE.....	1
8	PAFZZ	5330-00-579-7545	96906	MS28775-238	.O-RING PART OF KIT P/N 5704366.....	1
9	PAFZZ	5330-01-433-5288	75394	WA29908	.O-RING PART OF KIT P/N 5704366.....	2
10	XAFZZ		75394	CC14985	.HUB.....	1
11	XAFZZ		75394	CC14984	.HUB.....	1
12	PAFZZ	4730-01-314-2874	75394	CC40552MK12	.PLUG,PIPE.....	2
13	XAFZZ		75394	CC14983	.SLEEVE.....	1
14	KFFZZ		75394	WA29909	.SPACER PART OF KIT P/N 5704366.....	4
15	PAOZZ		80204	W211NAA0037NN038 NNCG1	.WASHER,FLAT PART OF KIT P/N 5704366	4
16	KFFZZ		75394	WA29906	.BOLT 3/8-24 X 1.5000,NF,STEEL PART OF KIT P/N 5704366.....	4
17	PAFZZ	5306-00-807-9371	88044	AN178H41A	BOLT,CLOSE TOLERANC 1/2-20 X 4.250,UNF-2A,ALLOY STEEL.....	2
18	PAFZZ	5310-00-149-9116	96906	MS20002C8	WASHER,RECESSED.....	4
19	PAFZZ	5306-00-678-4260	19207	7323988	BOLT,MACHINE 1/2-20 X 5.188,UNF-2A,ALLOY STEEL.....	2
20	PAFZZ	5315-00-282-0341	19207	8761412	KEY,WOODRUFF PART OF KIT P/N 5704366	2
21	PCHZZ	5331-01-455-0071	02978	E8CR130-051	O-RING.....	1
22	PAFZZ	5310-00-584-7888	96906	MS35338-51	WASHER,LOCK.....	2
23	PAFZZ	5310-00-655-9590	19207	7340058	NUT,PLAIN,HEXAGON.....	2
24	PBFZZ	4730-01-005-2014	21450	444011	REDUCER,PIPE USED FOR LUBRICATION ONLY.....	1
25	PBFZZ	4730-00-172-0058	96906	MS15006-4	FITTING,LUBRICATION USED FOR LUBRICATION ONLY.....	1

END OF FIGURE

Fuel Injector Tubes, Brackets and Associated Parts

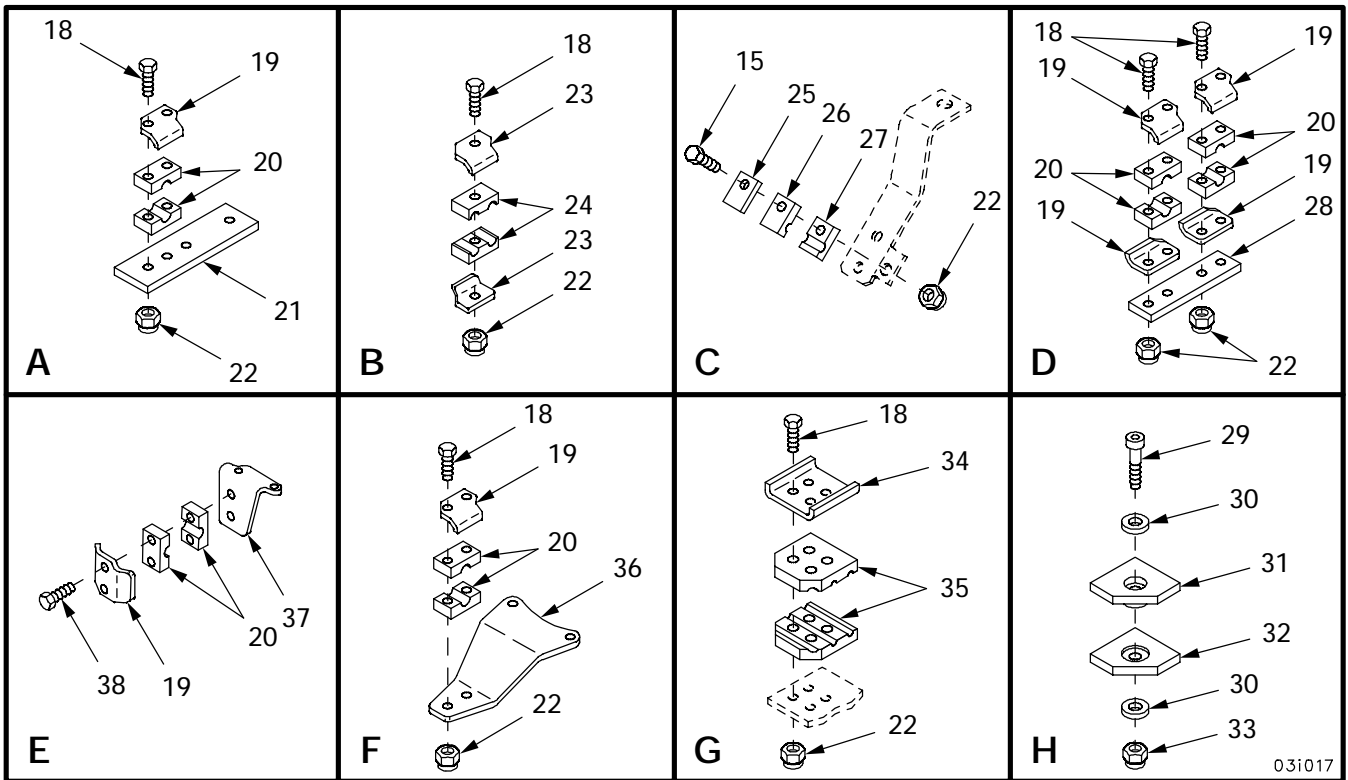
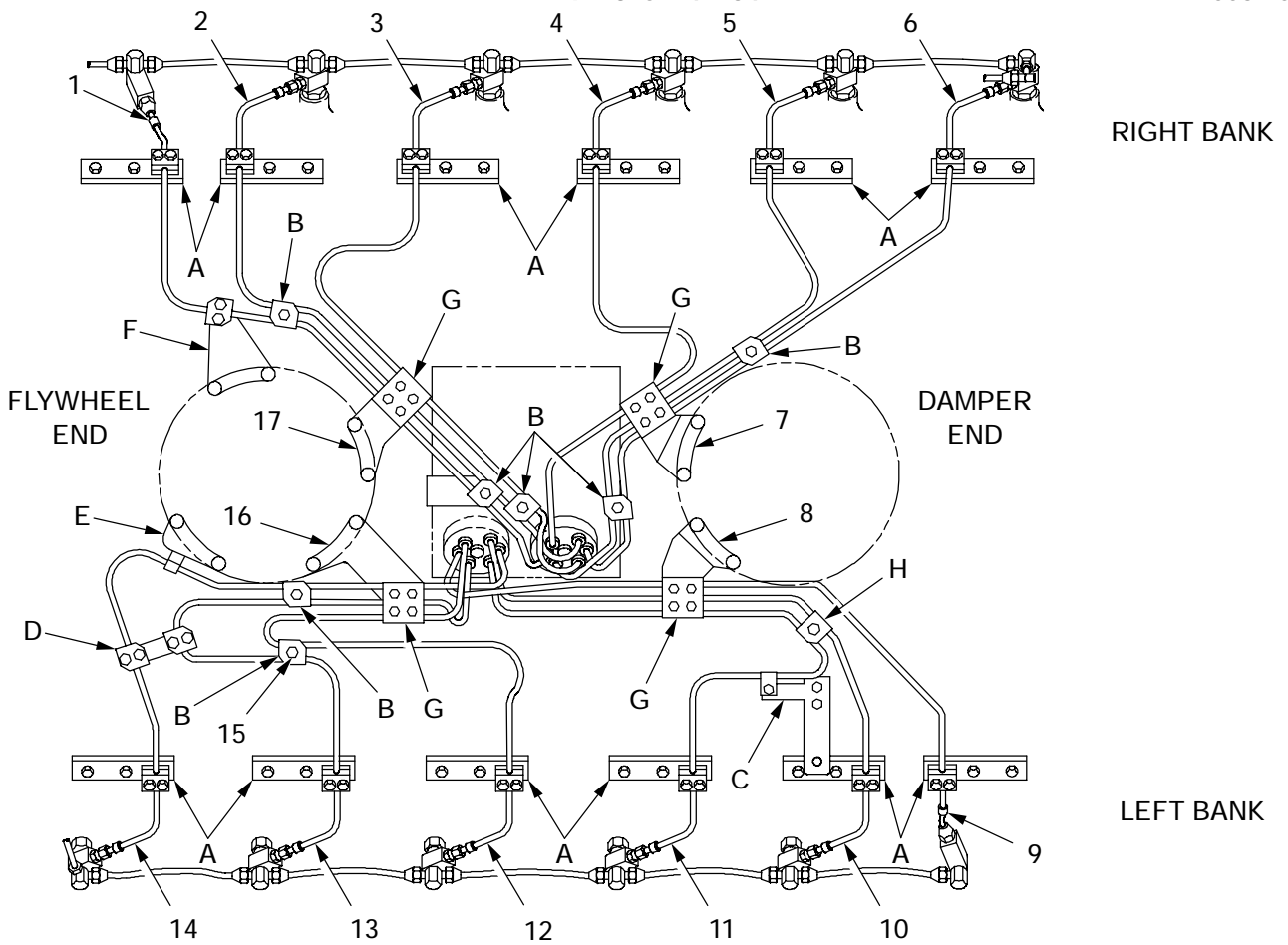


Figure 36. Fuel Injector Tubes, Brackets and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0302 FUEL PUMPS	
					FIGURE 36 FUEL INJECTOR TUBES, BRACKETS AND ASSOCIATED PARTS	
1	PAFZZ	4710-01-434-5191	02978	E9AR130-0150	TUBE ASSEMBLY,METAL CYL NO.6R.....	1
2	PAFZZ	4710-01-434-5192	02978	E9AR130-0140	TUBE ASSEMBLY,METAL CYL NO.5R.....	1
3	PAFZZ	4710-01-434-5194	02978	E9AR130-0130	TUBE ASSEMBLY,METAL CYL NO.4R.....	1
4	PAFZZ	4710-01-434-5193	02978	E9AR130-0120	TUBE ASSEMBLY,METAL CYL NO.3R.....	1
5	PAFZZ	4710-01-434-5195	02978	E9AR130-0110	TUBE ASSEMBLY,METAL CYL NO.2R.....	1
6	PAFZZ	4710-01-434-5196	02978	E9AR130-0100	TUBE ASSEMBLY,METAL CYL NO.1R.....	1
7	PAFZZ	5340-01-010-6173	19207	11684146	BRACKET,DOUBLE ANGL.....	1
8	PAFZZ	5340-01-010-6170	19207	11684145	BRACKET,DOUBLE ANGL.....	1
9	PAFZZ	4710-01-434-5197	02978	E9AR130-0160	TUBE ASSEMBLY,METAL CYL NO.1L.....	1
10	PAFZZ	4710-01-434-5198	02978	E9AR130-0170	TUBE ASSEMBLY,METAL CYL NO.2L.....	1
11	PAFZZ	4710-01-434-5199	02978	E9AR130-0180	TUBE ASSEMBLY,METAL CYL NO.3L.....	1
12	PAFZZ	4710-01-434-5201	02978	E9AR130-0190	TUBE ASSEMBLY,METAL CYL NO.4L.....	1
13	PAFZZ	4710-01-434-5200	02978	E9AR130-0200	TUBE ASSEMBLY,METAL CYL NO.5L.....	1
14	PAFZZ	4710-01-434-5202	02978	E9AR130-0210	TUBE ASSEMBLY,METAL CYL NO.6L.....	1
15	PAOZZ	5305-00-225-9093	96906	MS90726-38	SCREW,CAP,HEXAGON H 5/16-24 X 1.500,UNF-2A,GRADE 8.....	2
16	PAFZZ	5340-01-010-6171	19207	11684143	BRACKET,DOUBLE ANGL.....	1
17	PAFZZ	5340-01-010-6172	19207	11684144	BRACKET,DOUBLE ANGL.....	1
18	PAOZZ	5306-00-051-4081	80204	B1821BH031F175N	BOLT,MACHINE 5/16-24 X 1.750,UNF-2A,GRADE 8.....	52
19	PAOZZ	5340-01-026-4024	19207	11684155	STRAP,RETAINING (1) TUBE.....	18
20	PAOZZ	5340-01-017-4508	19207	11684158	FAIRLEAD HALF,TUBUL (1) TUBE.....	32
21	PAFZZ	5365-01-021-3088	19207	11684160	SPACER,PLATE.....	12
22	PAOZZ	5310-00-982-4912	96906	MS21045-5	NUT,SELF-LOCKING,HE.....	54
23	PAOZZ	5340-01-017-6947	19207	11684156	STRAP,RETAINING (2) TUBE.....	14
24	PAOZZ	5340-01-015-9789	19207	11684157	FAIRLEAD HALF,TUBUL (2) TUBE.....	14
25	PAOZZ	5365-01-044-8400	19207	12254294	SPACER,PLATE.....	1
26	PAOZZ	5340-01-433-2875	19207	12254293-1	STRAP,RETAINING (UPPER).....	1
27	PAOZZ	5340-01-433-0523	19207	12254293-2	STRAP,RETAINING (LOWER).....	1
28	PAOZZ	5340-01-047-9403	19207	12254295	PLATE,MENDING.....	1
29	PAOZZ		19207	12354445	SCREW,CAP,SOCKET HE 1/4-20 X 1.000,UNC-3A,GRADE 8.....	1
30	PAOZZ	5310-01-303-5647	96906	MS15795-858	WASHER,FLAT.....	2
31	PAOZZ	5340-01-433-1141	19207	12354443	CLAMP,UPPER HALF,IN.....	1
32	PAOZZ	5340-01-433-0518	19207	12354444	CLAMP,SYNCHRO.....	1
33	PAOZZ	5310-00-061-4650	96906	MS51943-31	NUT,SELF-LOCKING,HE.....	1
34	PAOZZ	5340-01-026-2008	19207	11684154	STRAP,RETAINING (3) TUBE.....	4
35	PAOZZ	5340-01-015-9788	19207	11684159	FAIRLEAD HALF,TUBUL (3) TUBE.....	8
36	PAFZZ	5340-01-010-6174	19207	11684147	BRACKET,DOUBLE ANGL.....	1
37	PAFZZ	5340-01-010-6169	19207	11684148	BRACKET,ANGLE.....	1
38	PAOZZ	5306-01-013-7020	19207	11668688	BOLT,SELF-LOCKING 5/16-24 X 1.375,UNF-2A,GRADE 5.....	2

END OF FIGURE

Fuel Injector Nozzle, Fuel Return Hoses and Associated Parts

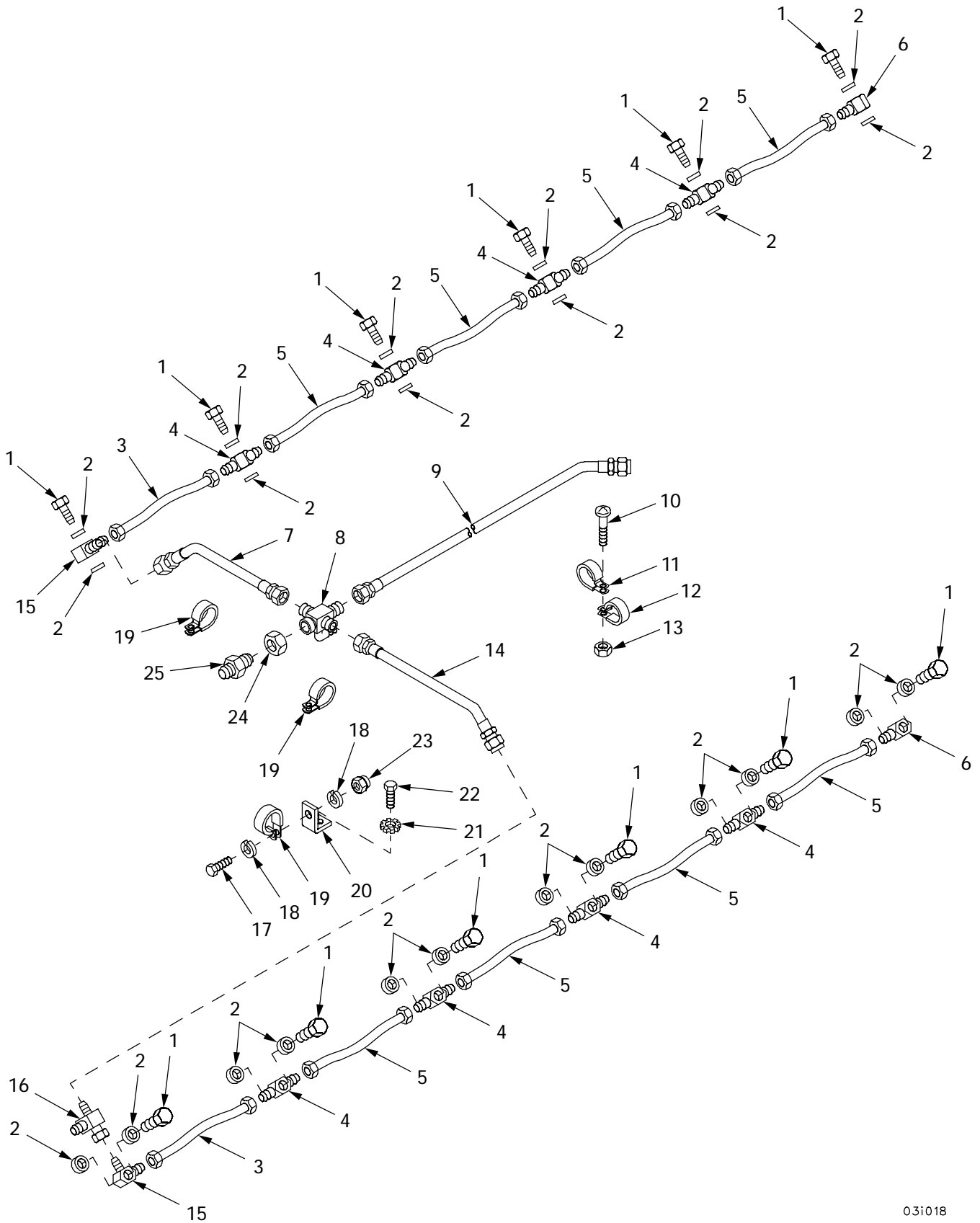


Figure 37. Fuel Injector Nozzle, Fuel Return Hoses and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0302 FUEL PUMPS	
					FIGURE 37 FUEL INJECTOR NOZZLE, FUEL RETURN HOSES AND ASSOCIATED PARTS	
1	PAOZZ	4730-00-278-0375	81343	AS5161-04	BOLT,FLUID PASSAGE 7/16-20 X 1.190,UNF-3A,ALLOY STEEL.....	12
2	PAOZZ	5310-00-678-5370	19207	7323994	WASHER,FLAT.....	24
3	PAOZZ	4720-01-009-5833	96906	MS52104C4-0090	HOSE ASSEMBLY,NONME.....	2
4	PAOZZ	4730-00-278-5824	88044	AN779-4	CONNECTOR,MULTIPLE,.....	8
5	PAOZZ	4720-00-475-3435	96906	MS52104C4-0074	HOSE ASSEMBLY,NONME.....	8
6	PAOZZ	4730-00-678-3299	19207	7324661	TEE,TUBE.....	2
7	PAOZZ	4720-00-056-9080	96906	MS8005E180A	HOSE ASSEMBLY,NONME.....	1
8	PAOZZ	4730-01-433-8146	02978	EBCR130-008	CROSS,TUBE.....	1
9	PAOZZ	4720-01-433-8259	96906	MS8005H400A	HOSE ASSEMBLY,NONME.....	1
10	PAOZZ	5305-00-993-1851	96906	MS35207-267	SCREW,MACHINE .1900-32 x 1.000,UNF-2A,STEEL.....	1
11	PAOZZ	5340-00-057-2904	96906	MS21333-71	CLAMP,LOOP.....	1
12	PAOZZ	5340-00-989-9222	96906	MS21333-74	CLAMP,LOOP.....	1
13	PAOZZ	5310-00-877-5797	96906	MS21044N3	NUT,SELF-LOCKING,HE.....	1
14	PAOZZ	4720-00-947-2116	96906	MS8005E240B	HOSE ASSEMBLY,NONME.....	1
15	PAOZZ	4730-01-011-3961	19207	11684208	CONNECTOR,MULTIPLE,.....	2
16	PAOZZ	4730-00-618-5382	96906	MS51523A4	TEE,TUBE.....	1
17	PAOZZ	5306-00-050-1238	80204	B1821BH031F075N	BOLT,MACHINE 5/16-24 X .750,UNF-2A,GRADE 8.....	1
18	PAOZZ		80204	W211NAA0031NN038 NNCG1	WASHER,LOCK.....	2
19	PAOZZ	5340-00-057-3037	96906	MS21333-111	CLAMP,LOOP.....	3
20	PAOZZ	5340-01-433-3434	02978	E2CA100-007-1	BRACKET,ANGLE.....	1
21	PAOZZ		80204	W211NAG0025NN038 NNCG1	WASHER,LOCK.....	1
22	PAOZZ	5306-00-068-0513	18876	PMS90727001-06	BOLT,MACHINE 1/4-28 X .750,UNF-2A,GRADE 8.....	1
23	PAOZZ	5310-00-982-4912	96906	MS21045-5	NUT,SELF-LOCKING,HE.....	1
24	PAOZZ	5310-00-298-9252	24617	423884	NUT,PLAIN,HEXAGON.....	1
25	PAOZZ		96906	MS51500A8S	ADAPTER,STRAIGHT,PI.....	1

END OF FIGURE

Fuel Pump, Fuel Back Flow Valve and Associated Parts

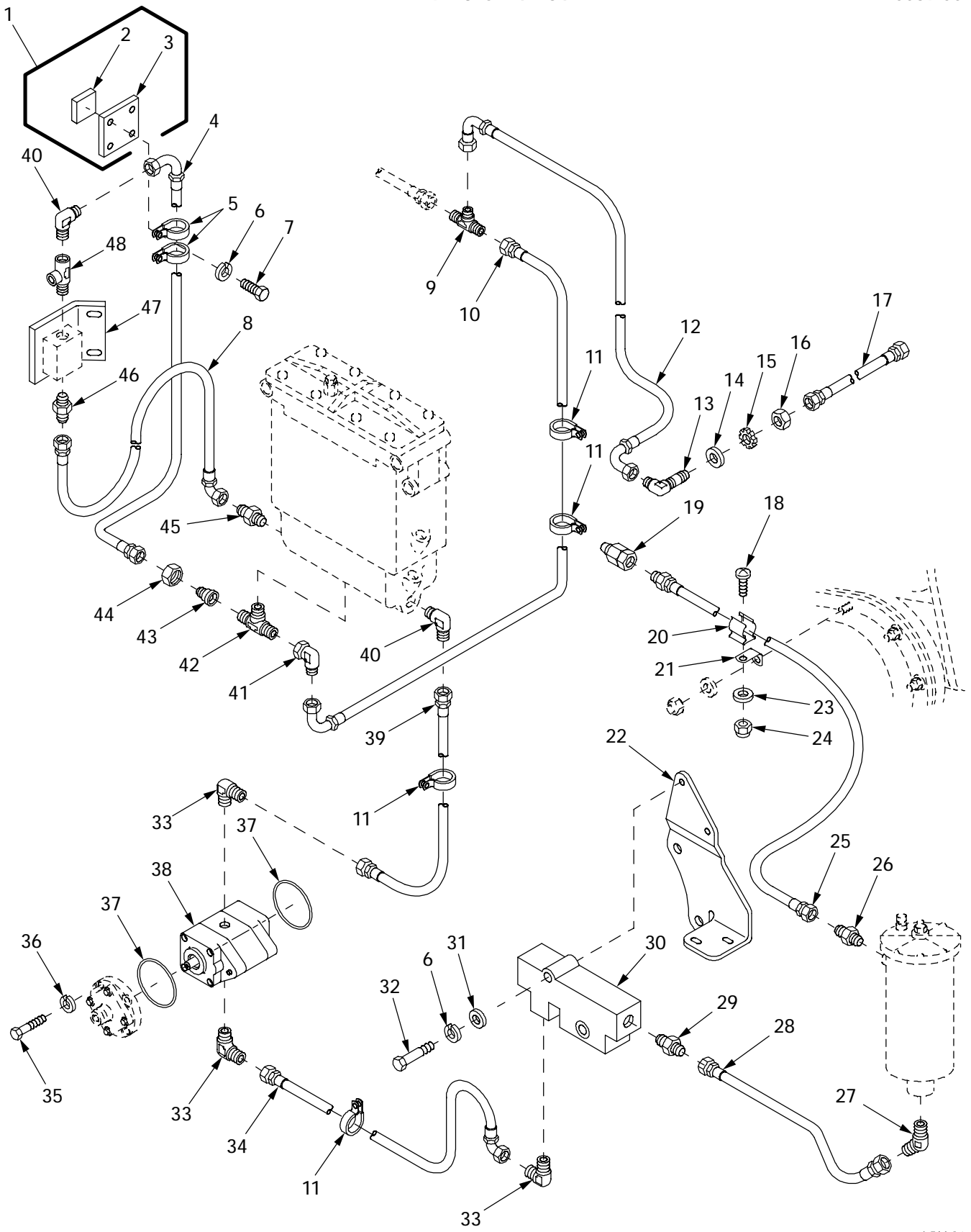
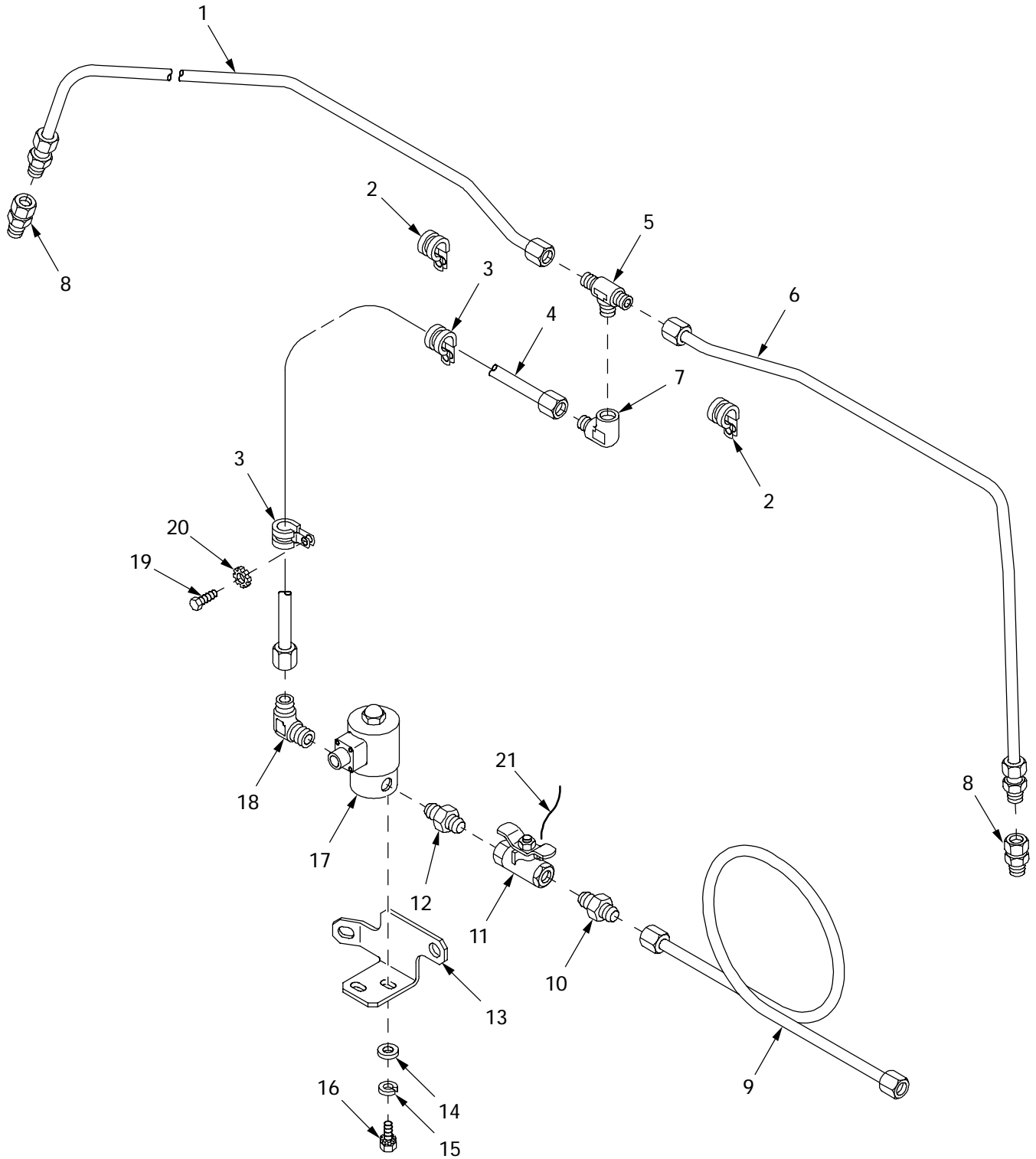


Figure 38. Fuel Pump, Fuel Back Flow Valve and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 0302 FUEL PUMPS						
FIGURE 38 FUEL PUMP, FUEL BACK						
FLOW VALVE AND						
ASSOCIATED PARTS						
1	PAOOO	5340-01-422-4203	02978	E8DR128-0100	COVER,ACCESS.....	1
2	PAOZZ	5340-01-444-1041	02978	655396-3	.PAD,CUSHIONING LENGTH(2.62) X WIDTH(1.75) X THICKNESS(.16).....	1
3	XAOZZ		02978	E8DR128-010	.PLATE.....	1
4	PAOZZ	4720-01-433-8267	96906	MS8005G234C	HOSE ASSEMBLY,NONME.....	1
5	PAOZZ	5340-00-057-3043	96906	MS21333-112	CLAMP,LOOP.....	2
6	PAOZZ		80204	W211NAA0025NN038 NNCG1	WASHER,LOCK.....	6
7	PAOZZ	5305-00-225-3843	80204	B1821BH025C100N	SCREW,CAP,HEXAGON H 1/4-20 X 1.000,UNC-2A,GRADE 8.....	4
8	PAOZZ	4720-01-453-2096	96906	MS8005G120C	HOSE ASSEMBLY,NONME.....	1
9	PAOZZ	4730-00-797-6566	96906	MS51510A8	TEE,TUBE.....	1
10	PAOZZ		96906	MS8005H222C	HOSE ASSEMBLY,NONME.....	1
11	PAOZZ	5340-00-725-5280	96906	MS21333-125	CLAMP,LOOP.....	5
12	PAOZZ	4720-01-433-8263	96906	MS8005H054C	HOSE ASSEMBLY,NONME.....	1
13	PAOZZ	4730-01-172-4323	88044	AN833-8J	ELBOW,TUBE.....	1
14	PAOZZ	5310-00-809-8533	96906	MS27183-23	WASHER,FLAT.....	1
15	PAOZZ	5310-00-275-3683	96906	MS35335-40	WASHER,LOCK.....	1
16	PAOZZ	5310-00-208-5775	81343	AS5178-08	NUT,PLAIN,HEXAGON.....	2
17	PAOZZ	4720-01-433-8262	96906	MS8005H240AC	HOSE ASSEMBLY,NONME.....	1
18	PAOZZ	5305-00-984-4988	96906	MS35206-228	SCREW,MACHINE .138-32 X .375,UNF-2A,STEEL.....	1
19	PAOZZ	4730-01-167-1997	81361	E150-1-12-5-1A	COUPLING HALF,QUICK.....	1
20	PAOZZ	5340-00-724-7015	81349	M24066/2-312	CLIP,SPRING TENSION.....	1
21	PAOZZ	5340-01-275-3402	96906	MS9599-216	BRACKET,ANGLE.....	1
22	PAOZZ	5340-01-433-3413	02978	E5CM130-004	BRACKET,MOUNTING.....	1
23	PAOZZ	5310-00-941-3598	96906	MS9320-07	WASHER,FLAT.....	1
24	PAOZZ	5310-00-807-1465	96906	MS21042-06	NUT,SELF-LOCKING,EX.....	1
25	PAOZZ	4720-00-706-9144	19207	10867369	HOSE ASSEMBLY,NONME.....	1
26	PAOZZ	4730-00-807-3003	79470	C3209X8X6	REDUCER,PIPE.....	1
27	PAOZZ	4730-01-324-5071	96906	MS51508A8Z	ELBOW,PIPE TO TUBE.....	1
28	PAOZZ	4720-00-274-9335	96906	MS28741-8-0120	HOSE ASSEMBLY,NONME.....	1
29	PAOZZ	4730-00-813-9611	96906	MS51500A8	ADAPTER,STRAIGHT,PI.....	1
30	PAOZZ	4820-01-439-1736	02978	E5AR130-011-2	VALVE ASSEMBLY MANI.....	1
31	PAOZZ	5310-00-141-1795	88044	AN960-416	WASHER,FLAT.....	2
32	PAOZZ	5305-00-905-2712	80204	B1821BH025F225D	SCREW,CAP,HEXAGON H 1/4-28 X 2.250,UNF-2A,GRADE 8.....	2
33	PAOZZ	4730-00-555-1764	96906	MS51504A8	ELBOW,PIPE TO TUBE.....	3
34	PAOZZ		96906	MS8005H225C	HOSE ASSEMBLY,NONME.....	1
35	PAOZZ	5306-01-121-5470	24617	9420811	BOLT,MACHINE 5/16-18 X 5.250,UNC-2A,GRADE 5.....	4
36	PAOZZ		80204	W211NAA0031NN038 NNCG1	WASHER,LOCK.....	4
37	PAOZZ	5330-00-818-4591	96906	MS28775-136	O-RING.....	2
38	PAOFF	2910-01-434-7199	63097	L-0520-1852-501	PUMP,FUEL,CAM ACTUA REFER TO TM 9-2910-213-34&P.....	1
39	PAOZZ	4720-01-434-3980	02978	E8DR130-010	HOSE ASSEMBLY,NONME.....	1
40	PAOZZ	4730-00-951-3974	81343	6-4 070202SA	ELBOW,PIPE TO TUBE.....	2
41	PAOZZ	4730-00-618-7874	96906	MS51521A8S	ELBOW,TUBE.....	1
42	PAOZZ	4730-00-995-1590	96906	MS51512A8	TEE,PIPE TO TUBE.....	1
43	PAOZZ	4730-00-727-7387	96906	MS51534A8-6S	REDUCER,TUBE.....	1
44	PAOZZ	4730-00-316-8964	96906	MS51531B8S	NUT,TUBE COUPLING.....	1
45	PAOZZ		96906	MS51500B6-6S	ADAPTER,STRAIGHT,PI.....	1
46	PAOZZ	4730-00-836-7807	96906	MS51500A6S	ADAPTER,STRAIGHT,PI.....	1
47	PAOZZ	5340-01-433-1136	02978	E8DR128-009	BRACKET,MOUNTING.....	1
48	PAOZZ	4730-01-130-1868	81343	4-4 140424C	TEE,PIPE.....	1

END OF FIGURE

Smoke Generating System



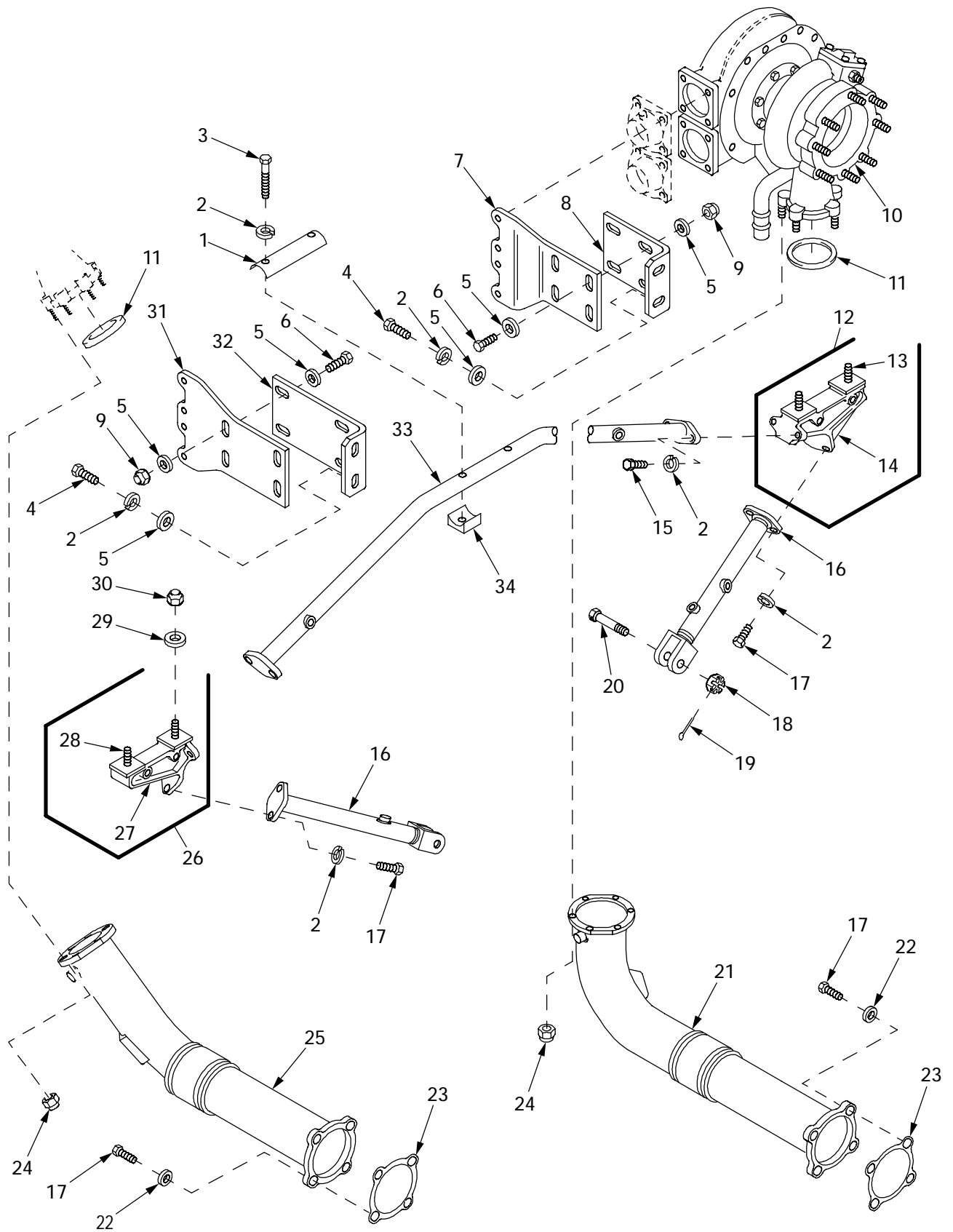
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Figure 39. Smoke Generating System

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0302 FUEL PUMPS	
					FIGURE 39 SMOKE GENERATING SYSTEM	
1	PAOZZ	4710-01-140-6558	19207	12275810	TUBE ASSEMBLY,METAL.....	1
2	PAOZZ	5340-00-050-9077	96906	MS21333-119	CLAMP,LOOP.....	2
3	PAOZZ	5340-00-954-6014	96906	MS21333-121	CLAMP,LOOP.....	4
4	PAOZZ	4710-01-434-4029	02978	E8DR130-0480	TUBE ASSEMBLY,METAL.....	1
5	PAOZZ	4730-01-069-7696	96906	MS51818-5SS	TEE,PIPE TO TUBE.....	1
6	PAOZZ	4710-01-139-1863	19207	12275812	TUBE ASSEMBLY,METAL.....	1
7	PAOZZ	4730-01-316-9217	96906	MS51813-5SS	ELBOW,PIPE TO TUBE.....	1
8	PAOZZ	4730-00-836-3498	96906	MS51819-5A	ADAPTER,STRAIGHT,PI.....	2
9	PAOZZ	4710-01-434-5424	02978	E8DR130-0500	TUBE ASSEMBLY,METAL.....	1
10	PAOZZ	4730-00-813-9611	29510	9409402709	ADAPTER,STRAIGHT,PI.....	1
11	PAOZZ	4820-01-437-5036	02978	E5AR130-010	VALVE,BALL.....	1
12	PAOZZ	4730-00-726-1103	81343	6-4 140137C	REDUCER,PIPE.....	1
13	PAOZZ	5340-01-433-0526	02978	E8DR130-049	BRACKET,MOUNTING.....	1
14	PAOZZ	5310-00-167-0818	80205	NAS1149F0363P	WASHER,FLAT.....	2
15	PAOZZ	5310-00-045-3296	96906	MS35338-43	WASHER,LOCK.....	2
16	PAOZZ	5306-00-042-5828	21450	425828	BOLT,ASSEMBLED WASH .1900-32 X .500,NF-2A,STEEL.....	1
17	PAOZZ	4810-00-487-2775	81978	V5S55680	VALVE,SOLENOID INDEX TO -2 POSITION	1
18	PAOZZ	4730-00-845-0921	96906	MS51815-6P	ELBOW,PIPE TO TUBE.....	1
19	PAOZZ	5305-00-269-3233	80204	B1821BH038F063N	SCREW,CAP,HEXAGON H 3/8-24 X .625,UNF-2A,GRADE 5.....	5
20	PAOZZ	5310-00-627-6128	96906	MS35335-35	WASHER,LOCK.....	5
21	PAOZZ	9505-00-684-4843	80205	NASM20995F41	WIRE,NONELECTRICAL.....	1

END OF FIGURE

Turbosupercharger, Tie Rod, Base and Associated Parts



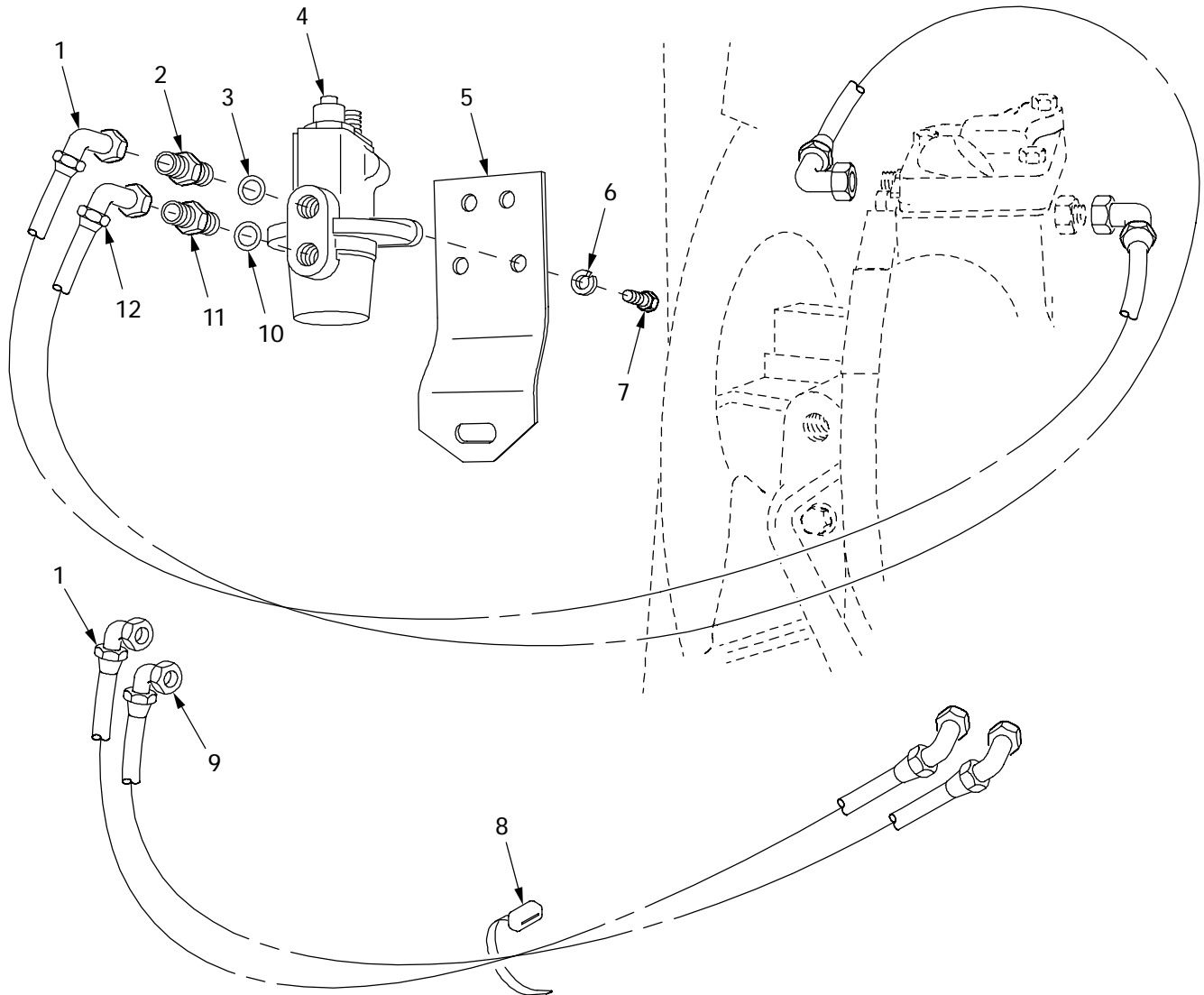
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Figure 40. Turbosupercharger, Tie Rod, Base and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0305 SUPERCHARGER, BLOWER, TURBOCHARGER	
					FIGURE 40 TURBOSUPERCHARGER, TIE ROD, BASE AND ASSOCIATED PARTS	
1	PAFZZ	5340-00-453-5387	19207	8682451	STRAP,RETAINING.....	1
2	PAOZZ		80204	W211NAA0037NN038 NNCG1	WASHER,FLAT.....	12
3	PAFZZ	5305-00-269-3244	80204	B1821BH038F250N	SCREW,CAP,HEXAGON H 3/8-24 X 2.500,UNF-2A,GRADE 8.....	2
4	PAOZZ	5305-00-269-2804	96906	MS90726-61	SCREW,CAP,HEXAGON H 3/8-24 X 1.125,UNF-2A,GRADE 5.....	4
5	PAOZZ	5310-00-776-7318	19207	7767318	WASHER,FLAT.....	20
6	PAFZZ		80204	S210NA38FAK19354 BNCG1	SCREW 3/8-24 X 1.250,UNF-2A,GRADE 8	8
7	PBFZZ	5340-01-433-0572	02978	E8DR131-014	BRACKET,MOUNTING RB.....	1
8	PBFZZ	5340-01-433-1081	02978	E8DR131-015	BRACKET,MOUNTING RB.....	1
9	PAFZZ	5310-00-059-9264	96906	MS21045C6	NUT,SELF-LOCKING,HE.....	8
10	PAFHH	2950-01-432-0369	06085	12366708-1	TURBOCHARGER RB REFER TO TM 9-2990-205-34&P.....	1
10	PAFHH	2950-01-434-3229	06085	12366708-2	TURBOCHARGER LB REFER TO TM 9-2990-205-34&P.....	1
11	PAFZZ	5330-00-678-4676	19207	7320459	GASKET PART OF KIT P/N E8CR100-013..	2
12	PBFFF	5340-01-048-8600	19207	11684203	BRACKET,MOUNTING.....	1
13	PAFZZ	5307-00-682-5820	19207	8682787	.STUD,PLAIN STANDARD.....	2
14	XAFZZ		19207	11684202	.BASE.....	1
15	PAFZZ	5305-00-269-3236	80204	B1821BH038F100N	SCREW,CAP,HEXAGON H 3/8-24 X 1.000,UNF-2A,GRADE 8.....	2
16	PBFZZ	2950-01-437-3276	02978	E9AR131-0790	SHAFT ASSEMBLY,TURB.....	2
17	PAFZZ	5305-00-269-2803	96906	MS90726-60	SCREW,CAP,HEXAGON H 3/8-24 X 1.000,UNF-2A,GRADE 5.....	12
18	PAFZZ	5310-00-842-1295	96906	MS35692-29	NUT,PLAIN,SLOTTED,H.....	2
19	PAFZZ	5315-00-234-1863	96906	MS24665-300	PIN,COTTER.....	2
20	PAFZZ	5306-00-180-0321	88044	AN177-24	BOLT,CLOSE TOLERANC 7/16-24 X 2.578,UNF-3A,CORROSION RESISTANT STEEL.....	2
21	PBFZZ	4730-01-422-4186	02978	E8CR131-0020	ELBOW,FLANGE TO HOS RB.....	1
22	PAOZZ	5310-00-184-8974	96906	MS9320-12	WASHER,FLAT.....	8
23	PAFZZ	5330-01-433-5845	02978	E9AR131-214	GASKET PART OF KIT P/N E8CR100-013..	2
24	PAFZZ	5310-00-823-8835	96906	MS21045C5	NUT,SELF-LOCKING,HE.....	12
25	PBFZZ	4730-01-422-4206	02978	E8CR131-0030	ELBOW,FLANGE TO HOS LB.....	1
26	PBFFF	5340-01-010-9086	19207	11682629-1	BRACKET,MOUNTING.....	1
27	XAFZZ		19207	11682620-1	.BASE.....	1
28	PAFZZ	5307-00-682-5820	19207	8682787	.STUD,PLAIN STANDARD.....	2
29	PAFZZ	5310-00-167-0823	88044	AN960-816	WASHER,FLAT.....	4
30	PAFZZ	5310-00-062-4954	96906	MS21045-8	NUT,SELF-LOCKING,HE.....	4
31	PBFZZ	5340-01-433-0591	02978	E8CR131-005	BRACKET,MOUNTING LB.....	1
32	PBFZZ	5340-01-433-7351	02978	655749	BRACKET,ANGLE LB.....	1
33	PBFZZ	2990-01-435-0647	02978	E8DR131-021	TIE ROD,TURBOCHARGE.....	1
34	PAFZZ	2990-00-453-5386	19207	8682752	SEAT,TIE-ROD CLAMP.....	2

END OF FIGURE

Dust Detector System



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Figure 41. Dust Detector System

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0305 SUPERCHARGER, BLOWER, TURBOCHARGER FIGURE 41 DUST DETECTOR SYSTEM	
1	PAOZZ	4720-01-173-4613	96906	MS8005F145F000	HOSE ASSEMBLY, NONME LOW PRESSURE SWITCH INLET, L&R.....	2
2	PAOZZ	4730-01-007-5232	96906	MS51525A4	ADAPTER, STRAIGHT, TU LOW PRESSURE SWITCH, INLET.....	2
3	PAOZZ	5331-00-805-2966	96906	MS28778-4	O-RING LOW PRESSURE SWITCH ADAPTER, INLET.....	2
4	PAOZZ	5930-01-147-7912	14314	D52S-13	SWITCH, PRESSURE L&R.....	2
5	PBOZZ	5340-01-249-7910	19207	12354347	BRACKET, DOUBLE ANGL L&R.....	2
6	PAOZZ		80204	W211NAA0025NN038 NNCG1	WASHER, LOCK L&R.....	6
7	PAOZZ	5305-00-068-0512	80204	B1821BH025F056N	SCREW, CAP, HEXAGON H L&R, 1/4-28 X .562, UNF-2A, GRADE 8.....	6
8	PAOZZ	5975-00-074-2072	96906	MS3367-1-9	STRAP, TIEDOWN, ELECT AIR PRESSURE SWITCH HOSES, R.....	1
9	PAOZZ	4720-01-173-4145	96906	MS8005E145F000	HOSE ASSEMBLY, NONME HIGH PRESSURE SWITCH OUTLET, R.....	1
10	PAOZZ	5330-00-833-7491	96906	MS28778-5	O-RING HIGH PRESSURE SWITCH ADAPTER, OUTLET.....	2
11	PAOZZ	4730-00-431-9307	81343	5-5 070120CA	ADAPTER, STRAIGHT, TU HIGH PRESSURE SWITCH, OUTLET.....	2
12	PAOZZ	4720-01-173-4614	96906	MS8005E112F020	HOSE ASSEMBLY, NONME HIGH AIR SWITCH OUTLET, L.....	1

END OF FIGURE

**Water Separator, Primary and Manifold Heater Fuel Filters,
Automatic Drain Control and Associated Parts**

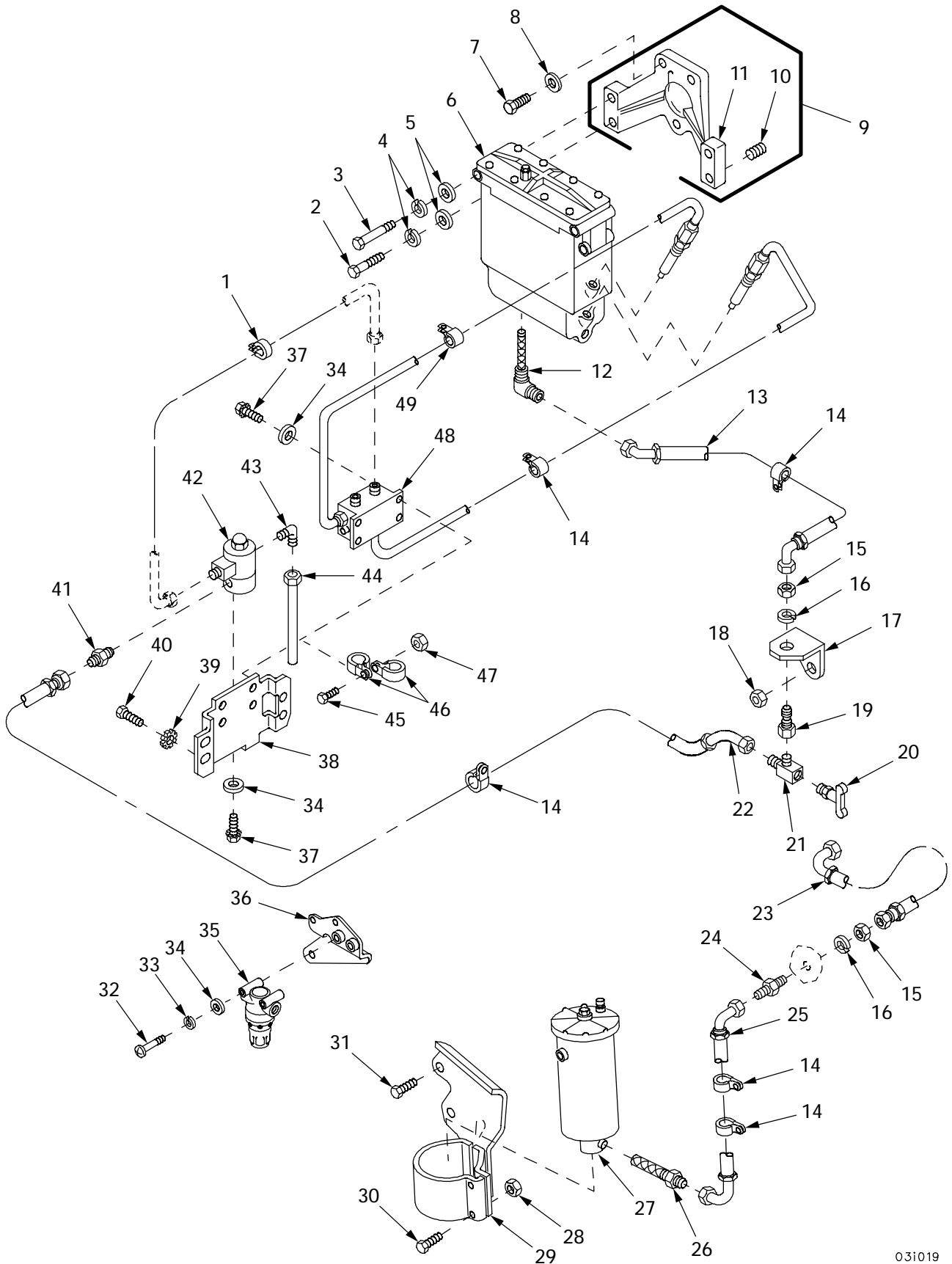


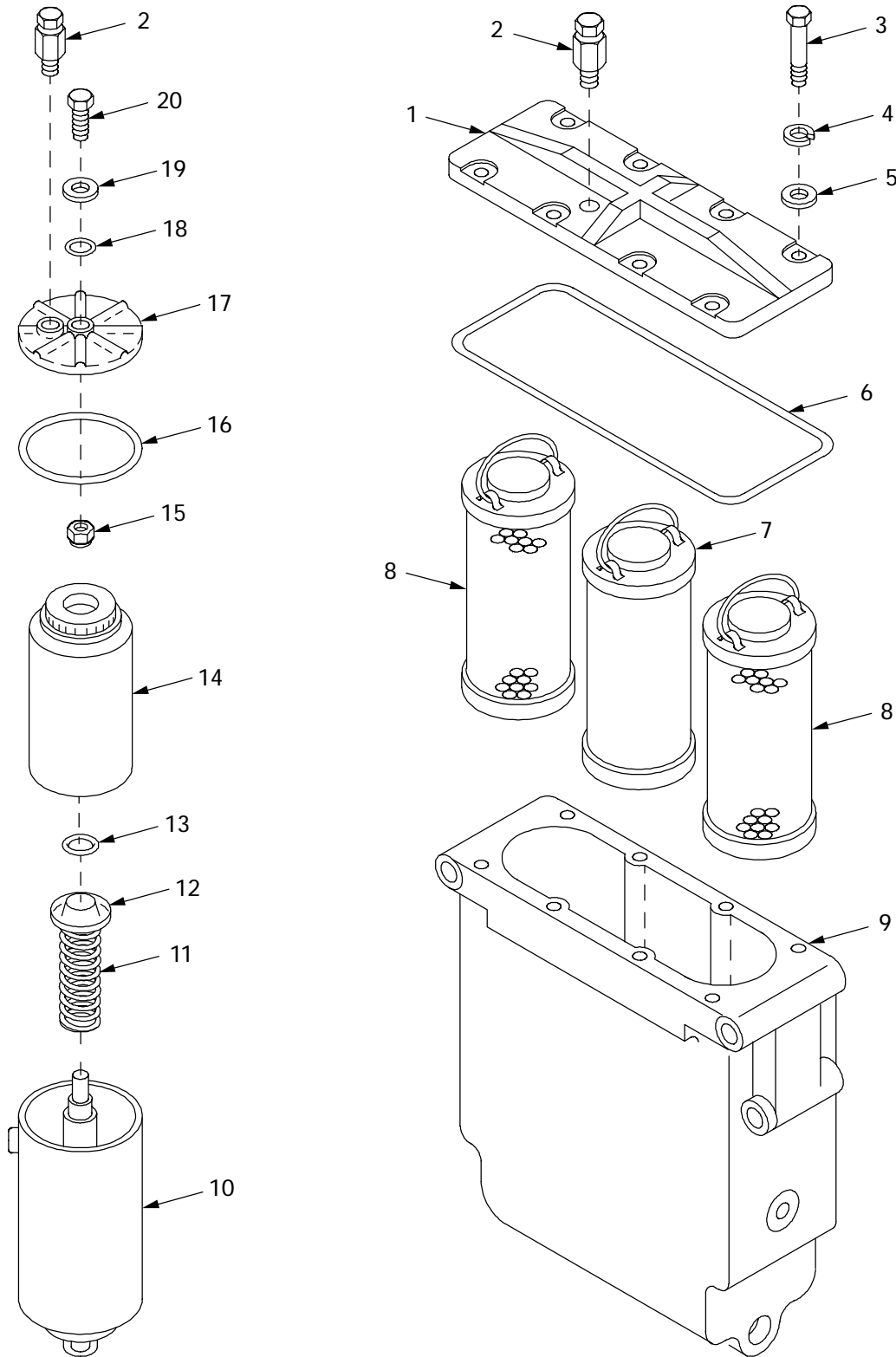
Figure 42. Water Separator, Primary and Manifold Heater Fuel Filters, Automatic Drain Control and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0309 FUEL FILTERS FIGURE 42 WATER SEPARATOR, PRIMARY AND MANIFOLD HEATER FUEL FILTERS, AUTOMATIC DRAIN CONTROL AND ASSOCIATED PARTS	
1	PAOZZ	5340-00-809-1490	96906	MS21333-98	CLAMP, LOOP.....	1
2	PAOZZ	5306-00-051-4090	96906	MS90727-48	BOLT, MACHINE 5/16-24 X 4.000, UNF-2A, GRADE 8.....	2
3	PAOZZ	5306-00-225-9107	96906	MS90726-52	BOLT, MACHINE 5/16-24 x 5.000, UNF-2A, GRADE 5.....	2
4	PAOZZ		80204	W211NAA0031NN038 NNCG1	WASHER, LOCK.....	4
5	PAOZZ	5310-00-167-0820	80205	NAS1149F0563P	WASHER, FLAT.....	4
6	PBOOO	2910-01-432-0371	02978	E9AR130-055-2	FILTER ELEMENT, FLUI SEE FIGURE 43 FOR PARTS BREAKOUT.....	1
7	PAOZZ	5305-00-709-8539	96906	MS90727-89	SCREW, CAP, HEXAGON H 7/16-20 X 1.500, UNF-2A, GRADE 8.....	3
8	PAOZZ	5310-00-167-0822	88044	AN960-716	WASHER, FLAT.....	3
9	PAOFF	4330-00-134-4734	19207	10951434	BRACKET, FILTER MOUN.....	1
10	PAFZZ	5325-01-073-2809	96906	MS21209F5-15	.INSERT, SCREW THREAD.....	4
11	XAFZZ		19207	10951434-1	.BRACKET.....	1
12	PAOZZ	2910-01-022-6967	19207	11684260	FILTER ELEMENT, FLUI.....	1
13	PAOZZ	4720-01-053-2019	96906	MS8005E160E270	HOSE ASSEMBLY, NONME.....	1
14	PAOZZ	5340-00-964-5267	96906	MS21333-120	CLAMP, LOOP.....	5
15	PAOZZ	4730-00-466-7467	96906	MS51860-53	LOCKNUT, TUBE FITTIN.....	2
16	PAOZZ	5310-00-209-0965	96906	MS35338-47	WASHER, LOCK.....	2
17	PAOZZ	5340-00-427-0584	19207	11684126	BRACKET, ANGLE.....	1
18	PAOZZ	5310-00-982-4908	96906	MS21045-6	NUT, SELF-LOCKING, HE.....	1
19	PAOZZ	4730-00-421-3849	79470	C5275X4	ADAPTER, STRAIGHT, PI.....	1
20	PAOZZ	4820-00-684-0880	96906	MS35782-1	COCK, DRAIN.....	1
21	PAOZZ	4730-00-466-7465	19207	11668629	TEE, PIPE TO TUBE.....	1
22	PAOZZ	4720-01-297-5122	96906	MS8005E160B	HOSE ASSEMBLY, NONME.....	1
23	PAOZZ	4720-01-031-0519	96906	MS8005E100C	HOSE ASSEMBLY, NONME.....	1
24	PAOZZ	4730-00-720-0987	96906	MS24393-4	NIPPLE, TUBE.....	1
25	PAOZZ	4720-01-053-2018	96906	MS8005E230F135	HOSE ASSEMBLY, NONME.....	1
26	PAOZZ	2910-01-017-1482	19207	11684261	FILTER, FLUID.....	1
27	PBOOO	2910-01-037-4741	19207	12254221	FILTER, FLUID SEE FIGURE 43 FOR PARTS BREAKOUT.....	1
28	PAOZZ	5310-00-982-4912	96906	MS21045-5	NUT, SELF-LOCKING, HE.....	2
29	PAHZZ	5340-01-433-0540	02978	E8DR130-039	BRACKET, MOUNTING.....	1
30	PAOZZ	5305-00-225-9092	96906	MS90726-37	SCREW, CAP, HEXAGON H 5/16-24 X 1.375, UNF-2A, GRADE 5.....	2
31	PAHZZ	5305-00-709-8523	80204	B1821BH044F125N	SCREW, CAP, HEXAGON H 7/16-20 X 1.250, UNF-2A, GRADE 8.....	2
32	PAOZZ	5305-00-655-6556	96906	MS35266-70	SCREW, MACHINE.....	2
33	PAOZZ	5310-00-045-3296	96906	MS35338-43	WASHER, LOCK.....	2
34	PAOZZ	5310-00-167-0818	80205	NAS1149F0363P	WASHER, FLAT.....	8
35	PAOZZ	2910-01-445-8097	58536	A52472-1	FILTER ELEMENT, FLUI.....	1
36	PAHZZ	5340-00-410-1151	19207	11684128	BRACKET, MOUNTING.....	1
37	PAOZZ	5306-00-042-5828	21450	425828	BOLT, ASSEMBLED WASH .1900-32 X .500, NF-2A, STEEL.....	6
38	PBFZZ		02978	E8DR130-018	PLATE, MOUNTING.....	1
39	PAFZZ	5310-00-514-6674	96906	MS35335-34	WASHER, LOCK.....	2
40	PAFZZ	5306-00-225-9089	96906	MS90726-34	BOLT, MACHINE 5/16-24 X 1.000, UNF-2A, GRADE 5.....	2
41	PAOZZ	4730-00-837-7073	96906	MS51500A4-4S	ADAPTER, STRAIGHT, PI.....	1
42	PAOZZ	4810-00-487-2775	81978	V5S55680	VALVE, SOLENOID.....	1
43	PAOZZ	4730-00-231-4010	96906	MS20822-4-4	ELBOW, PIPE TO TUBE.....	1
44	PAOZZ	4710-01-434-7964	19207	11684022-2	TUBE ASSEMBLY, METAL.....	1
45	PAOZZ	5305-00-068-0512	80204	B1821BH025F056N	SCREW, CAP, HEXAGON H 1/4-28 X .562, UNF-2A, GRADE 8.....	1

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
46	PAOZZ	5340-00-993-6207	96906	MS21333-99	CLAMP, LOOP.....	2
47	PAOZZ	5310-00-061-7325	96906	MS21045-4	NUT, SELF-LOCKING, HE.....	1
48	PAOZZ	4330-00-410-1212	19207	11668625	SEPARATOR, WATER, LIQ.....	1
49	PAOZZ	5340-00-088-6655	96906	MS21333-101	CLAMP, LOOP.....	2

END OF FIGURE

Primary and Water Separator Fuel Filter Assemblies



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Figure 43. Primary and Water Separator Fuel Filter Assemblies

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0309 FUEL FILTERS	
					FIGURE 43 PRIMARY AND WATER	
					SEPARATOR FUEL FILTER	
					ASSEMBLIES	
1	XAOZZ		08181	28M94	COVER.....	1
2	PAOZZ	5340-01-053-4866	19207	12254231	PLUG,VENT.....	2
3	PAOZZ	5305-00-225-3843	80204	B1821BH025C100N	SCREW,CAP,HEXAGON H 1/4-20 X	8
					1.000,UNC-2A,GRADE 8.....	
4	PAOZZ		80204	W211NAA0025NN038	WASHER,LOCK.....	8
				NNCG1		
5	PAOZZ	5310-00-809-4058	96906	MS27183-10	WASHER,FLAT.....	8
6	PAOZZ	5330-01-102-4685	19207	11610232	O-RING PART OF KIT P/N 5702738.....	1
7	PAOZZ	2940-00-808-2421	87405	056461-01	FILTER ELEMENT,FLUI (FINE).....	1
8	KFOZZ		19207	11602062	ELEMENT,FILTER PART OF KIT P/N	2
					5702738.....	
9	XAOZZ		08181	28M68	BODY,FILTER.....	1
10	XAOZZ		53964	C300087	BODY.....	1
11	XAOZZ		53964	A609019	SPRING.....	1
12	XAOZZ		53964	B613052	CARRIER.....	1
13	PAOZZ	5330-00-248-3850	96906	MS29513-116	PACKING,PREFORMED PART OF KIT P/N	1
					5704487.....	
14	PAOZZ	4330-01-161-5339	90005	CF8E1D	FILTER ELEMENT,FLUI PART OF KIT P/N	1
					5704487.....	
15	PAOZZ	5310-00-087-4652	96906	MS51922-17	NUT,SELF-LOCKING,HE.....	1
16	KFOZZ		19207	11641744	GASKET PART OF KIT P/N 5704487.....	1
17	XAOZZ		53964	C300086	HEAD.....	1
18	PAOZZ	5330-01-123-2656	19207	11641857	GASKET PART OF KIT P/N 5704487.....	1
19	PAOZZ		80204	W221NAAN037SN038	WASHER,FLAT PART OF KIT P/N 5704487.	1
				NNCG1		
20	PAOZZ	5305-00-821-3869	80204	B1821BH038C175N	SCREW,CAP,HEXAGON H 3/8-16 X	1
					1.750,UNC-2A,GRADE 8.....	

END OF FIGURE

Manifold Heater Assembly (Left Bank)

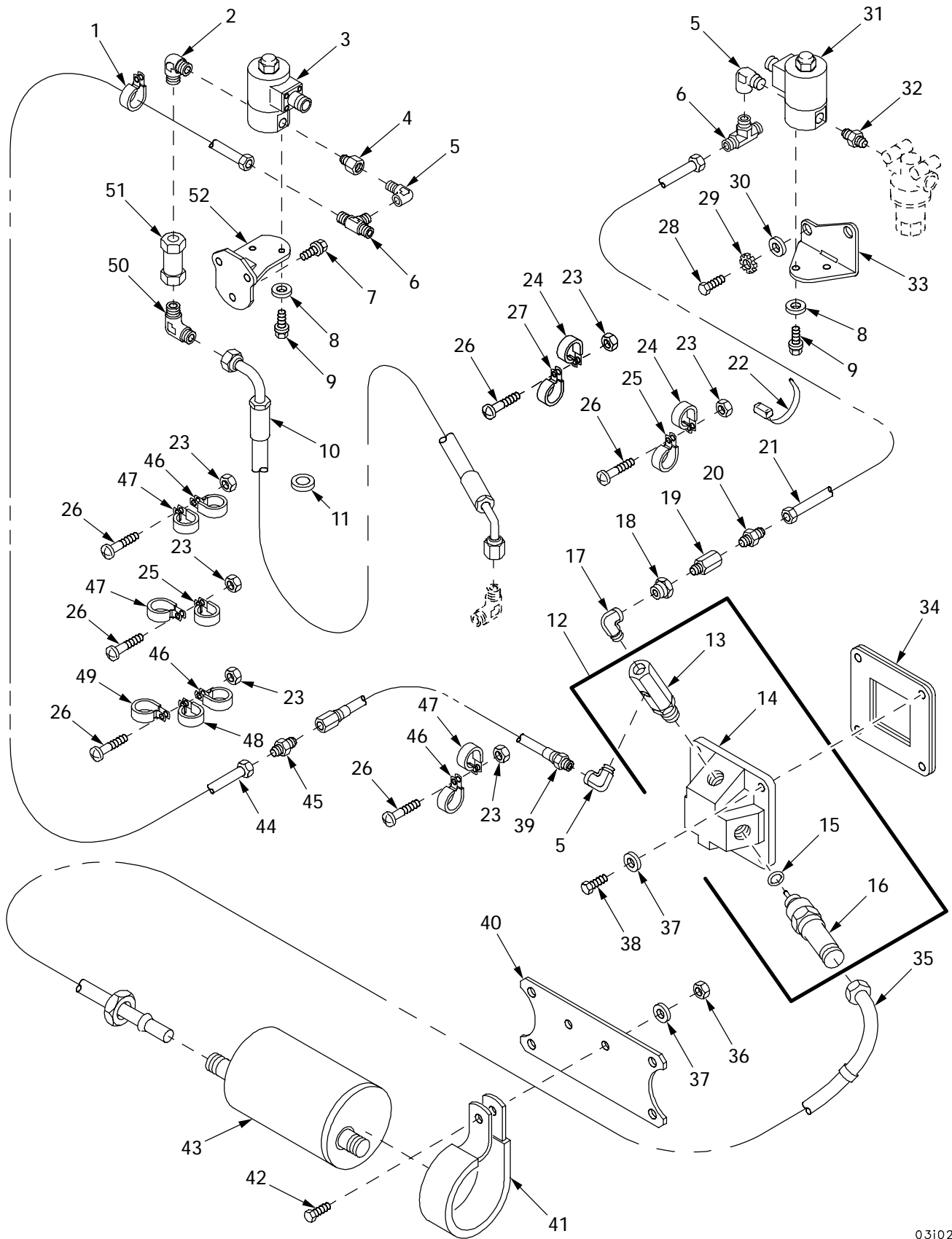


Figure 44. Manifold Heater Assembly (Left Bank)

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0311 ENGINE STARTING AIDS FIGURE 44 MANIFOLD HEATER ASSEMBLY (LEFT BANK)	
1	PAOZZ	5340-00-057-3034	96906	MS21333-110	CLAMP, LOOP.....	1
2	PAOZZ	4730-01-026-1848	19207	10921622-2	ELBOW, PIPE.....	1
3	PAOZZ	4810-00-974-7605	81978	V5J21735	VALVE, SOLENOID INDEX TO 270 DEGREES	1
4	PAOZZ	4730-00-930-7776	81343	2-2 130139C	COUPLING, PIPE.....	1
5	PAOZZ	4730-00-204-1272	81343	2-2 140239C	ELBOW, PIPE.....	3
6	PAOZZ	4730-00-522-1909	81343	4-4-2 070425CA	TEE, PIPE TO TUBE.....	2
7	PAOZZ	5306-00-741-4584	19207	7414584	BOLT, ASSEMBLED WASH 5/16-24 X .560, NF-2, STEEL.....	3
8	PAOZZ	5310-00-167-0818	80205	NAS1149F0363P	WASHER, FLAT.....	4
9	PAOZZ	5306-00-042-5828	21450	425828	BOLT, ASSEMBLED WASH .1900-32 X .500, NF-2A, STEEL.....	4
10	PAOZZ	4720-01-433-3036	96906	MS8005E600B	HOSE ASSEMBLY, NONME.....	1
11	PAOZZ		96906	MS35489-97S	GROMMET, NONMETALLIC.....	1
12	PBOOO	2990-01-430-5404	02978	E8DR130-0230-2	HEATER, COOLANT, ENGI.....	1
13	PAOZZ	2910-01-041-3370	19207	12254278	.NOZZLE ASSEMBLY, FLA.....	1
14	XAOZZ		02978	654112-2	.HOUSING.....	1
15	PAOZZ	5330-00-298-0091	21450	150190	.GASKET.....	1
16	PAOZZ	2920-00-711-5829	19207	7335556	.SPARK PLUG.....	1
17	PAOZZ	4730-00-035-8036	81343	4-4 140239C	ELBOW, PIPE.....	1
18	PAOZZ	4730-00-196-0930	96906	MS14315-1XA	BUSHING, PIPE.....	1
19	PAOZZ	4820-01-434-5427	48391	509-355-060	VALVE, CHECK.....	1
20	PAOZZ	4730-00-289-0383	96906	MS51500A4	ADAPTER, STRAIGHT, PI.....	1
21	PAOZZ	4720-01-433-3034	96906	MS8005E860A	HOSE ASSEMBLY, NONME.....	1
22	PAOZZ	5975-00-074-2072	96906	MS3367-1-9	STRAP, TIEDOWN, ELECT.....	1
23	PAOZZ	5310-00-877-5797	96906	MS21044N3	NUT, SELF-LOCKING, HE.....	11
24	PAOZZ	5340-00-764-7051	96906	MS21333-69	CLAMP, LOOP.....	5
25	PAOZZ	5340-00-922-6300	96906	MS21333-77	CLAMP, LOOP.....	7
26	PAOZZ	5305-00-993-1851	96906	MS35207-267	SCREW, MACHINE .1900-32 X 1.000, UNF-2A, STEEL.....	11
27	PAOZZ	5340-00-843-7825	96906	MS21333-68	CLAMP, LOOP.....	2
28	PAOZZ	5305-00-267-8952	96906	MS90727-3	SCREW, CAP, HEXAGON H 1/4-28 X .500, UNF-2A, GRDE 8.....	2
29	PAOZZ		80204	W211NAG0025NN038 NNCG1	WASHER, LOCK.....	2
30	PAOZZ	5310-00-141-1795	88044	AN960-416	WASHER, FLAT.....	2
31	PAOZZ	4810-00-974-7605	81978	V5J21735	VALVE, SOLENOID INDEX TO 315 DEGREES	1
32	PAOZZ	4730-01-055-4021	79470	C3069X2	NIPPLE, PIPE.....	1
33	PBOZZ	5340-00-447-3661	19207	11684100	BRACKET, ANGLE.....	1
34	PAOZZ	5330-01-433-5824	02978	E9AR131-213	GASKET.....	1
35	PAOZZ	6150-01-433-5539	02978	654408-1	LEAD, ELECTRICAL.....	1
36	PAOZZ	5310-00-982-4912	96906	MS21045-5	NUT, SELF-LOCKING, HE.....	2
37	PAOZZ	5310-00-081-4219	96906	MS27183-12	WASHER, FLAT.....	6
38	PAOZZ	5306-00-225-9088	96906	MS90726-33	BOLT, MACHINE 5/16-24 X .875, UNF-2A, GRADE 5.....	4
39	PAOZZ	4720-01-434-5426	02978	E8CR130-0410	HOSE ASSEMBLY, NONME.....	1
40	PBOZZ	5340-01-433-1779	02978	E9AR128-019	PLATE, MOUNTING.....	1
41	PAOZZ	5340-00-114-0093	19207	10865374	CLAMP, LOOP.....	2
42	PAOZZ	5306-00-225-9089	96906	MS90726-34	BOLT, MACHINE 5/16-24 X 1.000, UNF-2A, GRADE 5.....	2
43	PAOZZ	2920-00-770-1641	19207	7062198	IGNITION UNIT, MANIF.....	1
44	PAOZZ	4710-01-434-1495	02978	E8DR108-0040	TUBE ASSEMBLY, METAL.....	1
45	PAOZZ	4730-00-825-7304	96906	MS51501A4	NIPPLE, TUBE.....	1
46	PAOZZ	5340-00-689-9514	96906	MS21333-70	CLAMP, LOOP.....	4
47	PAOZZ	5340-00-050-2740	96906	MS21333-75	CLAMP, LOOP.....	3
48	PAOZZ	5340-00-989-9222	96906	MS21333-74	CLAMP, LOOP.....	1
49	PAOZZ	5340-00-057-2904	96906	MS21333-71	CLAMP, LOOP.....	1
50	PAOZZ	4730-00-647-3207	96906	MS51504A4	ELBOW, PIPE TO TUBE.....	1
51	PAOZZ	4820-00-467-2578	19207	11684097	VALVE, CHECK.....	1
52	PBOZZ	5945-00-423-3869	19207	11684101	BRACKET, SOLENOID.....	1

END OF FIGURE

Manifold Heater Assembly (Right Bank)

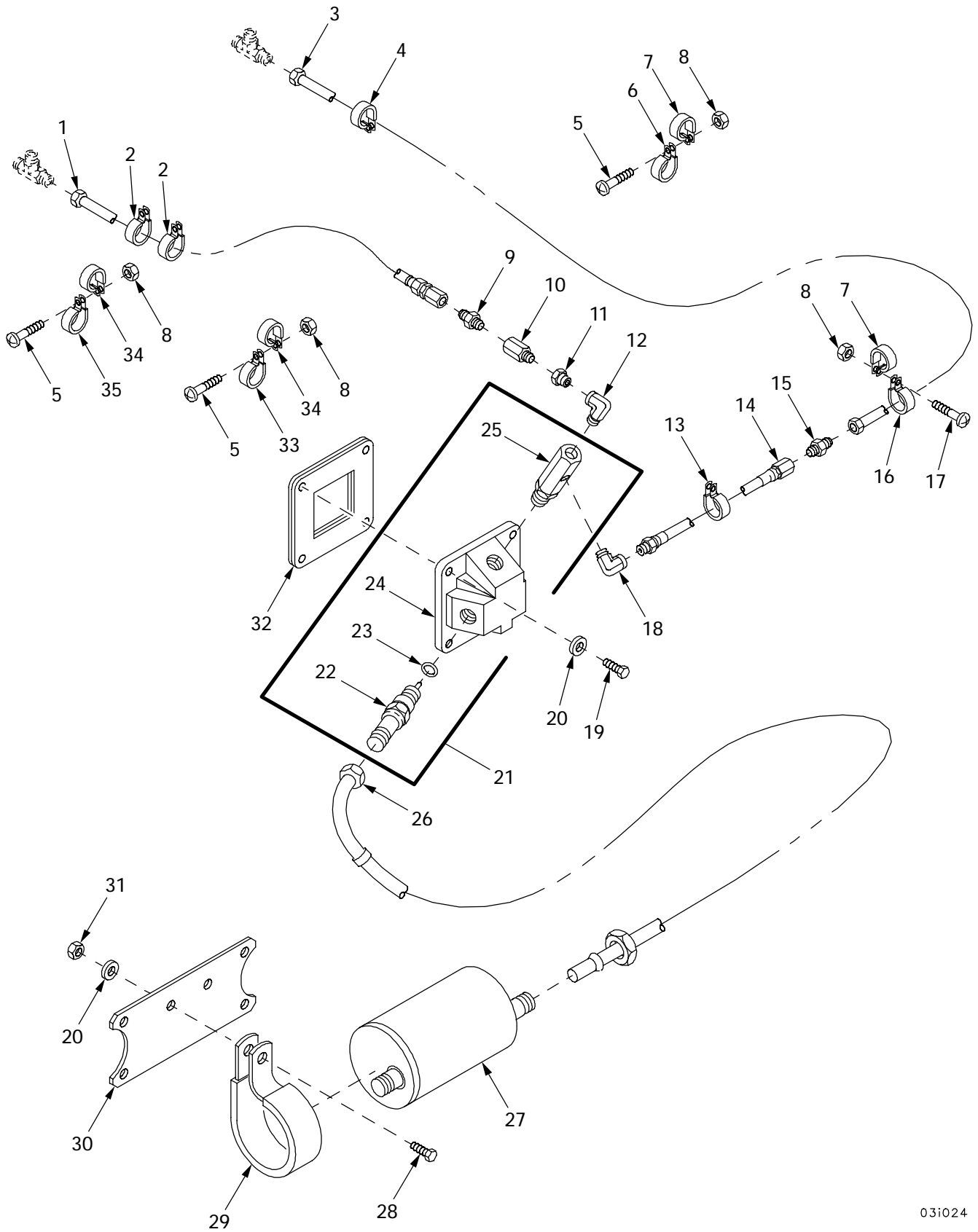
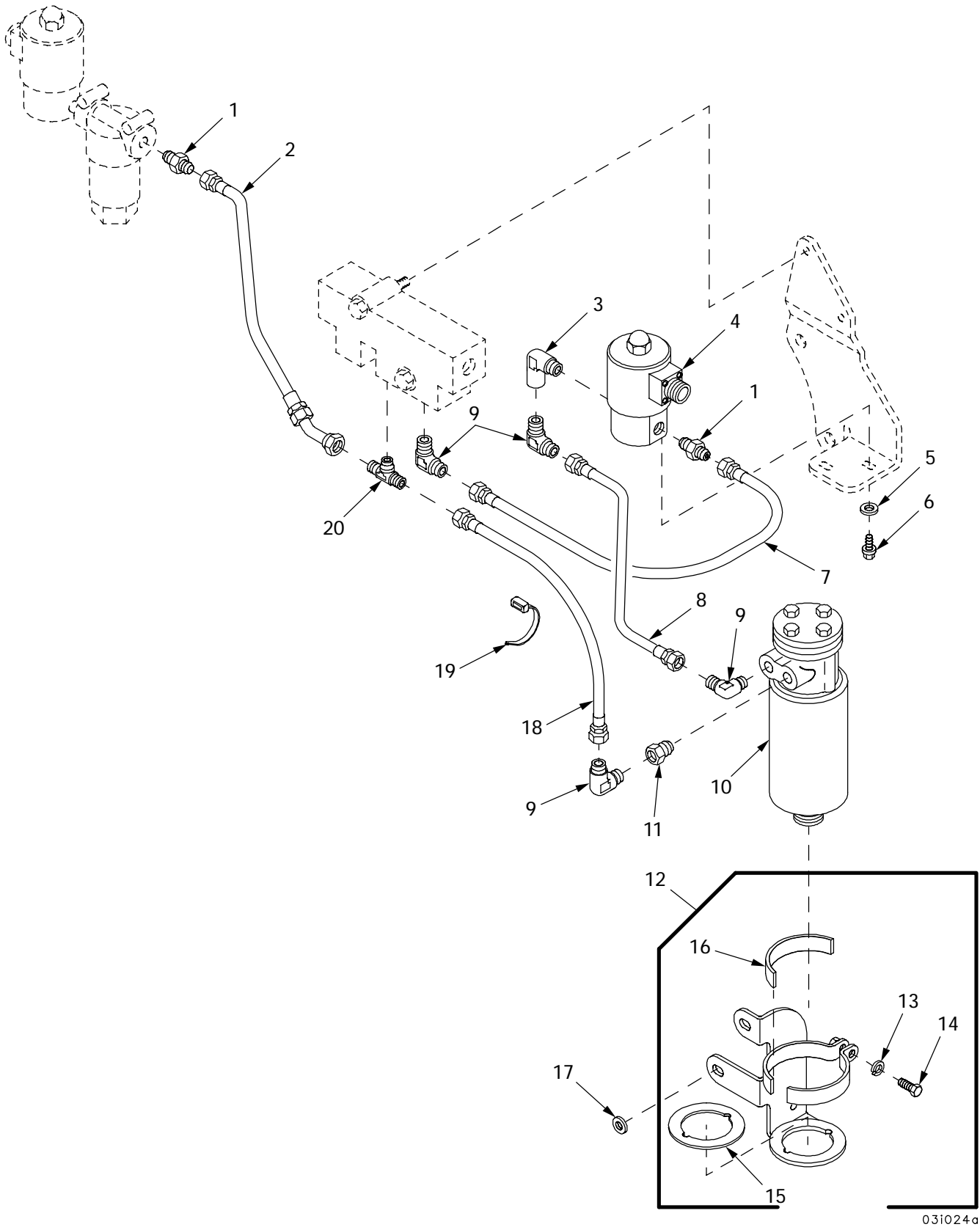


Figure 45. Manifold Heater Assembly (Right Bank)

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0311 ENGINE STARTING AIDS FIGURE 45 MANIFOLD HEATER ASSEMBLY (RIGHT BANK)	
1	PAOZZ	4720-01-465-2555	96906	MS8005E1000B	HOSE ASSEMBLY, NONME.....	1
2	PAOZZ	5340-00-057-3029	96906	MS21333-118	CLAMP, LOOP.....	2
3	PAOZZ	4710-01-434-5425	02978	E8DR108-0030	TUBE ASSEMBLY, METAL.....	1
4	PAOZZ	5340-00-057-3034	96906	MS21333-110	CLAMP, LOOP.....	1
5	PAOZZ	5305-00-993-1851	96906	MS35207-267	SCREW, MACHINE .1900-32 X 1.000, UNF-2A, STEEL.....	7
6	PAOZZ	5340-00-764-7051	96906	MS21333-69	CLAMP, LOOP.....	4
7	PAOZZ	5340-00-922-6300	96906	MS21333-77	CLAMP, LOOP.....	6
8	PAOZZ	5310-00-877-5797	96906	MS21044N3	NUT, SELF-LOCKING, HE.....	8
9	PAOZZ	4730-00-289-0383	96906	MS51500A4	ADAPTER, STRAIGHT, PI.....	1
10	PAOZZ	4820-01-434-5427	48391	509-355-060	VALVE, CHECK.....	1
11	PAOZZ	4730-00-196-0930	96906	MS14315-1XA	BUSHING, PIPE.....	1
12	PAOZZ	4730-00-035-8036	81343	4-4 140239C	ELBOW, PIPE.....	1
13	PAOZZ	5340-00-922-6301	96906	MS21333-79	CLAMP, LOOP.....	1
14	PAOZZ	4720-01-434-5426	02978	E8CR130-0410	HOSE ASSEMBLY, NONME.....	1
15	PAOZZ	4730-00-825-7304	96906	MS51501A4	NIPPLE, TUBE.....	1
16	PAOZZ	5340-00-843-7825	96906	MS21333-68	CLAMP, LOOP.....	1
17	PAOZZ	5305-00-043-6754	96906	MS35226-67	SCREW, MACHINE.....	1
18	PAOZZ	4730-00-204-1272	81343	2-2 140239C	ELBOW, PIPE.....	1
19	PAOZZ	5306-00-225-9088	96906	MS90726-33	BOLT, MACHINE 5/16-24 X .875, UNF-2A, GRADE 5.....	4
20	PAOZZ	5310-00-081-4219	96906	MS27183-12	WASHER, FLAT.....	6
21	PBOOO	2990-01-432-1527	02978	E8DR130-0230-1	HEATER, COOLANT, ENGI.....	1
22	PAOZZ	2920-00-711-5829	19207	7335556	.SPARK PLUG.....	1
23	PAOZZ	5330-00-298-0091	21450	150190	.GASKET.....	1
24	XAOZZ		02978	654112-1	.HOUSING.....	1
25	PAOZZ	2910-01-041-3370	19207	12254278	.NOZZLE ASSEMBLY, FLA.....	1
26	PAOZZ	6150-01-433-5539	02978	654408-1	LEAD, ELECTRICAL.....	1
27	PAOZZ	2920-00-770-1641	19207	7062198	IGNITION UNIT, MANIF.....	1
28	PAOZZ	5306-00-225-9089	96906	MS90726-34	BOLT, MACHINE 5/16-24 X 1.000, UNF-2A, GRADE 5.....	2
29	PAOZZ	5340-00-114-0093	19207	10865374	CLAMP, LOOP.....	2
30	PBOZZ	5340-01-433-1779	02978	E9AR128-019	PLATE, MOUNTING.....	1
31	PAOZZ	5310-00-982-4912	96906	MS21045-5	NUT, SELF-LOCKING, HE.....	2
32	PAOZZ	5330-01-433-5824	02978	E9AR131-213	GASKET.....	1
33	PAOZZ	5340-00-989-9222	96906	MS21333-74	CLAMP, LOOP.....	1
34	PAOZZ	5340-00-689-9514	96906	MS21333-70	CLAMP, LOOP.....	2
35	PAOZZ	5340-00-057-2904	96906	MS21333-71	CLAMP, LOOP.....	1

END OF FIGURE

Manifold Heater Pump, Lines, Valve Solenoid and Associated Parts



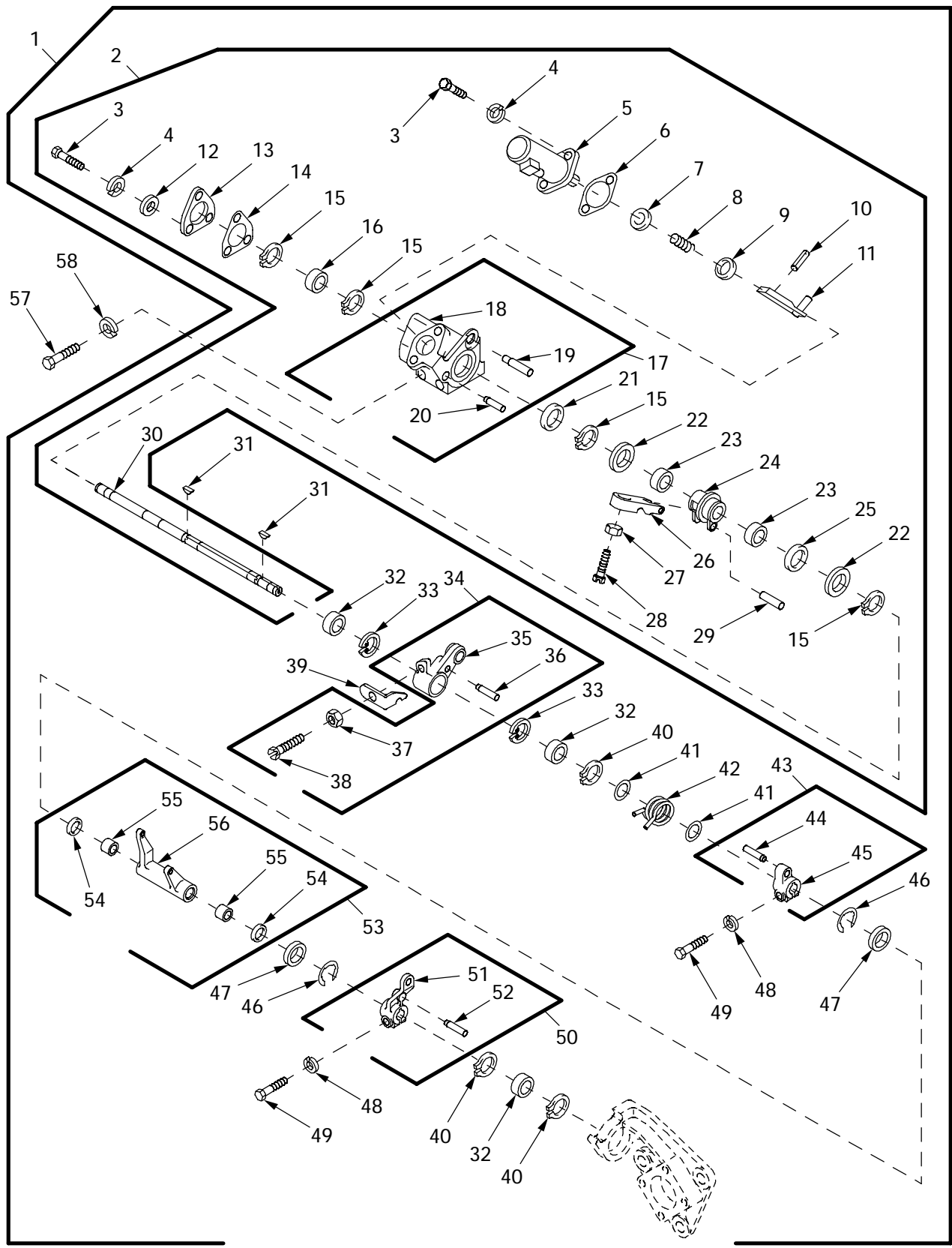
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Figure 46. Manifold Heater Pump, Lines, Valve Solenoid and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0311 ENGINE STARTING AIDS	
					FIGURE 46 MANIFOLD HEATER PUMP, LINES, VALVE SOLENOID AND ASSOCIATED PARTS	
1	PAOZZ	4730-00-289-0383	96906	MS51500A4	ADAPTER, STRAIGHT, PI.....	2
2	PAOZZ	4720-01-439-0582	96906	MS8005E076B	HOSE ASSEMBLY, NONME.....	1
3	PAOZZ	4730-00-204-1272	81343	2-2 140239C	ELBOW, PIPE.....	1
4	PAOZZ	4810-00-974-7605	81978	V5J21735	VALVE, SOLENOID INDEX TO 270 DEGREES	1
5	PAOZZ	5310-00-167-0818	80205	NAS1149F0363P	WASHER, FLAT.....	2
6	PAOZZ	5306-00-042-5828	21450	425828	BOLT, ASSEMBLED WASH .1900-32 X .500, NF-2A, STEEL.....	2
7	PAOZZ	4720-01-448-0708	96906	MS8005E074A	HOSE ASSEMBLY, NONME.....	1
8	PAOZZ		96906	MS8005E053A	HOSE ASSEMBLY, NONME.....	1
9	PAOZZ	4730-00-647-3207	96906	MS51504A4	ELBOW, PIPE TO TUBE.....	4
10	PAOZZ	2910-01-434-5204	02978	655401	PUMP, FUEL, ELECTRICAL.....	1
11	PAOZZ	4730-00-930-7776	81343	2-2 130139C	COUPLING, PIPE.....	1
12	PBOOO	5340-01-439-9222	02978	E9AR130-0710	BRACKET, MOUNTING.....	1
13	PAOZZ		80204	W211NAA0025NN038 NNCG1	.WASHER, LOCK.....	1
14	PAOZZ	5305-00-225-3843	80204	B1821BH025C100N	.SCREW, CAP, HEXAGON H 1/4-20 X 1.000, UNC-2A, GRADE 8.....	1
15	PAOZZ	5340-01-439-3761	02978	E9AR130-078	.PAD, CUSHIONING.....	1
16	PAOZZ	5340-01-439-3762	02978	E9AR130-077	.PAD, CUSHIONING.....	2
17	PAOZZ	5310-00-535-6688	19207	8745480	WASHER, FLAT.....	2
18	PAOZZ	4720-01-438-7675	96906	MS8005E081A	HOSE ASSEMBLY, NONME.....	1
19	PAOZZ	5975-00-074-2072	96906	MS3367-1-9	STRAP, TIEDOWN, ELECT.....	1
20	PAOZZ	4730-00-277-9305	96906	MS20825-4	TEE, PIPE TO TUBE.....	1

END OF FIGURE

Solenoid Control Assembly, Throttle Linkage and Associated Parts



031028

Figure 47. Solenoid Control Assembly, Throttle Linkage and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0312 ACCELERATOR, THROTTLE OR CHOKE CONTROLS	
					FIGURE 47 SOLENOID CONTROL ASSEMBLY, THROTTLE LINKAGE AND ASSOCIATED PARTS	
1	XC		02978	E8CR110-0100	THROTTLE CONTROL IN.....	1
2	PBFFF	5945-01-422-4195	02978	E8CR110-0110	.SOLENOID ASSEMBLY.....	1
3	PAFZZ	5306-00-068-0513	18876	PMS90727001-06	..BOLT,MACHINE 1/4-28 X .750,UNF-2A,GRADE 8.....	5
4	PAFZZ		80204	W211NAA0025NN038 NNCG1	..WASHER,LOCK.....	5
5	PAFZZ	5945-01-016-0875	19207	11668259	..SOLENOID,ELECTRICAL.....	1
6	PAFZZ	5330-01-031-6954	19207	10935368	..GASKET PART OF KIT P/N E8CR100-013	1
7	PAFZZ	5340-01-046-6826	19207	11682606	..RETAINER,HELICAL CO.....	1
8	PAFZZ	5360-01-011-0732	19207	11682601	..SPRING,HELICAL,COMP.....	1
9	PAFZZ	5340-01-282-8165	19207	12314648	..RETAINER,HELICAL CO.....	1
10	PAFZZ	5315-01-135-0181	96906	MS171592	..PIN,SPRING.....	1
11	PAFZZ	3040-01-270-5934	7B096	12314656	..CONNECTING LINK,RIG.....	1
12	PAFZZ	5310-00-141-1795	88044	AN960-416	..WASHER,FLAT.....	3
13	PAFZZ	5340-00-564-9676	19207	10935396	..COVER,ACCESS.....	1
14	PAFZZ	5330-00-586-6071	19207	10935397	..GASKET PART OF KIT P/N E8CR100-013	1
15	PAFZZ	5365-00-803-7305	96906	MS16624-1062	..RING,RETAINING.....	4
16	PAFZZ	3110-00-227-3620	19207	8393931	..BEARING,BALL,ANNULA.....	1
17	XAFFF		19207	12254202	..HOUSING ASSEMBLY,SO.....	1
18	XAFZZ		19207	12254203	..HOUSING.....	1
19	PAFZZ	5315-00-586-6076	19207	10935386	..PIN,SHOULDER,HEADLE.....	1
20	PAFZZ	5315-00-682-1746	96906	MS16555-653	..PIN,STRAIGHT,HEADLE.....	1
21	PAFZZ	5330-00-839-5862	73680	26004-6223	..SEAL,PLAIN ENCASED PART OF KIT P/N E8CR100-013.....	1
22	PAFZZ	5310-00-115-1440	10001	2220036	..WASHER,FLAT.....	2
23	PAFZZ	3110-00-198-1085	96906	MS17131-18	..BEARING,ROLLER,NEED.....	2
24	XAFFZ		02978	E8CR110-008	..HOUSING,SOLENOID CO.....	1
25	PAFZZ	5330-00-286-9942	73680	26031-7020	..SEAL,PLAIN ENCASED PART OF KIT P/N E8CR100-013.....	1
26	PAFZZ	3040-01-434-2463	02978	E8CR110-009	..STOP,SOLENOID CONTR.....	1
27	PAFZZ	5310-00-853-9335	96906	MS35691-13	..NUT,PLAIN,HEXAGON.....	1
28	PAFZZ	5305-01-013-1424	96906	MS51849-108	..SCREW,MACHINE 5/16-24 X 1.000,UNF-2A,STEEL.....	1
29	PAFZZ	5315-00-934-0285	96906	MS9390-320	..PIN,STRAIGHT,HEADLE.....	1
30	PBFZZ	3040-01-027-0761	19207	12254205	..SHAFT,STRAIGHT.....	1
31	PAFZZ	5315-00-616-5526	96906	MS35756-8	..KEY,WOODRUFF.....	2
32	PAFZZ	3110-00-227-3620	19207	8393931	..BEARING,BALL,ANNULA.....	3
33	PAFZZ	5365-00-754-1083	96906	MS16625-1137	..RING,RETAINING.....	2
34	PBFFF		02978	E8CR110-0160	..LEVER,REMOTE CONTRO.....	1
35	XAFZZ		02978	E8CR110-015	..LEVER,CONTROL.....	1
36	PAFZZ	5315-00-828-4485	96906	MS16555-655	..PIN,STRAIGHT.....	1
37	PAFZZ	5310-00-853-9335	96906	MS35691-13	..NUT,PLAIN,HEXAGON.....	1
38	PAFZZ	5305-00-891-7871	19207	10865321	..SCREW,MACHINE 5/16-24 X 1.880,UNF-3A,ALLOY STEEL.....	1
39	PAFZZ		02978	E8CR110-014	..BRACKET,ANGLE.....	1
40	PAFZZ	5365-00-803-7305	96906	MS16624-1062	..RING,RETAINING.....	3
41	PAFZZ	5310-00-115-1440	10001	2220036	..WASHER,FLAT.....	2
42	PAFZZ	5360-01-274-3562	19207	12314650	..SPRING,HELICAL,TORS.....	1
43	PBFFF	3040-00-193-8213	19207	8682676	..LEVER,REMOTE CONTRO.....	1
44	PAFZZ	5315-00-828-4485	96906	MS16555-655	..PIN,STRAIGHT.....	1
45	XAFZZ		19207	8682709	..LEVER,CONTROL.....	1
46	PAFZZ	5325-00-842-2613	96906	MS16633-1062	..RING,RETAINING.....	2
47	PAFZZ	5310-00-282-6907	88044	AN960C1016L	..WASHER,FLAT.....	2
48	PAFZZ		80204	W211NAA0031NN038 NNCG1	..WASHER,LOCK.....	2
49	PAFZZ	5305-00-051-4076	96906	MS90727-34	..SCREW,CAP,HEXAGON H 5/16-24 X 1.000,UNF-2A,GRADE 8.....	2

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
50	PBFFF	3040-00-932-5001	19207	8682677	.LEVER,REMOTE CONTRO.....	1
51	XAFZZ		19207	8682708	..LEVER,CONTROL.....	1
52	PAFZZ	5315-00-828-4485	96906	MS16555-655	..PIN,STRAIGHT.....	1
53	PBFFF	3040-00-399-5305	19207	11684028	.LEVER,REMOTE CONTRO.....	1
54	PAFZZ	5330-00-486-0372	76680	7399-5	..SEAL,PLAIN.....	2
55	PAFZZ	3120-00-846-2012	96906	MS17795-104	..BEARING,SLEEVE.....	2
56	XAFZZ		19207	11684021	..LEVER,CONTROL.....	1
57	PAFZZ	5306-00-225-9100	96906	MS90726-45	BOLT,MACHINE 5/16-24 X 3.250,UNF-2A,GRADE 5.....	2
58	PAFZZ		80204	W211NAA0031NN038 NNCG1	WASHER,LOCK.....	2

END OF FIGURE

Throttle Linkage, Manual Shut-Off and Associated Parts

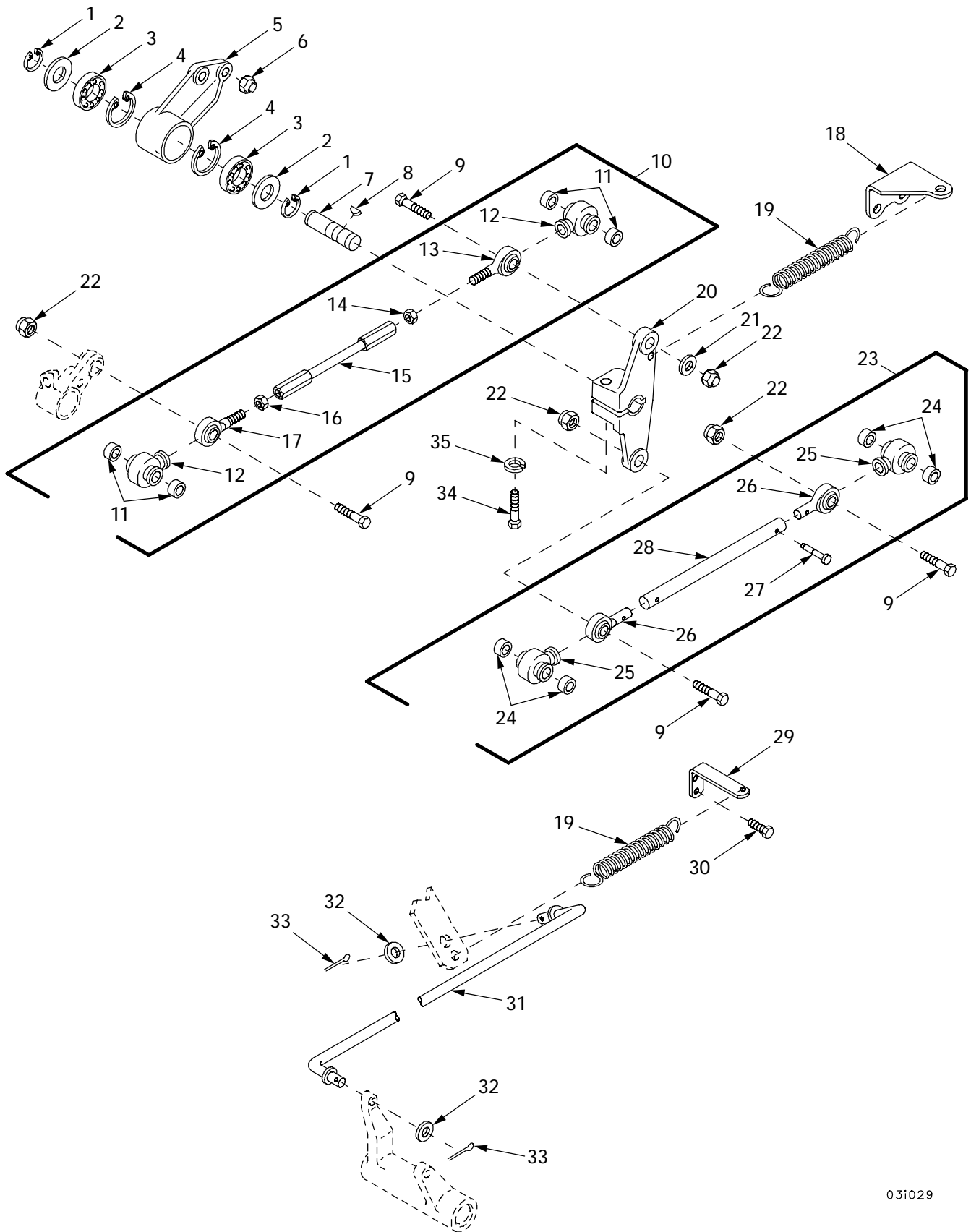


Figure 48. Throttle Linkage, Manual Shut-Off and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0312 ACCELERATOR, THROTTLE OR CHOKE CONTROLS FIGURE 48 THROTTLE LINKAGE, MANUAL SHUT-OFF AND ASSOCIATED PARTS	
1	PAFZZ	5365-00-803-7305	96906	MS16624-1062	RING,RETAINING.....	2
2	PAFZZ	3110-01-013-9708	19207	11682767	SHIELD, BEARING, REPL.....	2
3	PAFZZ	3110-00-227-3620	19207	8393931	BEARING, BALL, ANNULA.....	2
4	PAFZZ	5365-00-754-1083	96906	MS16625-1137	RING,RETAINING.....	2
5	PBFZZ	3040-00-402-4429	19207	8761016	BRACKET, EYE, ROTATIN.....	1
6	PAFZZ	5310-00-088-0553	96906	MS21044N5	NUT, SELF-LOCKING, HE.....	3
7	PAFZZ	3040-01-018-3702	19207	8682786-1	SHAFT, STRAIGHT.....	1
8	PAFZZ	5315-00-616-5526	96906	MS35756-8	KEY, WOODRUFF.....	1
9	PAFZZ	5306-00-051-4081	80204	B1821BH031F175N	BOLT, MACHINE 5/16-24 X 1.750, UNF-2A, GRADE 8.....	4
10	AFFFF		02978	E2CA110-005	ROD ASSEMBLY, CONTRO.....	1
11	PAFZZ	5365-01-433-9371	02978	E2CA110-003	.SPACER, STRAIGHT.....	4
12	PAFZZ	5340-01-433-1725	02978	653409	.BOOT, DUST AND MOIST.....	2
13	PAFZZ	3120-01-022-2044	73134	HMJL5CTPB	.BEARING, PLAIN, ROD E.....	1
14	PAFZZ	5310-00-891-1752	96906	MS35691-14	.NUT, PLAIN, HEXAGON.....	1
15	PAFZZ	5340-00-484-0771	19207	8682783	.CONTROL ROD.....	1
16	PAFZZ	5310-00-853-9335	96906	MS35691-13	.NUT, PLAIN, HEXAGON.....	1
17	PAFZZ	3120-01-024-9168	73134	HMJ5CTPB	.BEARING, PLAIN, ROD E.....	1
18	PAFZZ	5340-00-466-7850	19207	11682658	BRACKET, ANGLE.....	1
19	PAFZZ	5360-01-047-9364	19207	12254331	SPRING, HELICAL, EXTE.....	2
20	PBFZZ	3040-00-402-4431	19207	8761018	BELL CRANK.....	1
21	PAFZZ	5310-00-167-0820	80205	NAS1149F0563P	WASHER, FLAT.....	2
22	PAFZZ	5310-00-982-4912	96906	MS21045-5	NUT, SELF-LOCKING, HE.....	4
23	AFFFF		02978	E8CR110-0030	ROD ASSEMBLY, GOVERN.....	1
24	PAFZZ	5365-01-433-9371	02978	E2CA110-003	.SPACER, STRAIGHT.....	4
25	PAFZZ	5340-01-433-1725	02978	653409	.BOOT, DUST AND MOIST.....	2
26	PAFZZ	3120-01-435-2828	73134	HMJ-5JA	.BEARING, PLAIN, ROD E.....	2
27	PAFZZ	5320-00-061-8215	96906	MS20613-4P12	.RIVET, SOLID.....	2
28	PAFZZ	3040-01-434-8610	19207	8682780	.LEVER, REMOVE, CONTRO.....	1
29	PAFZZ	5340-00-423-4104	19207	11684032	BRACKET, ANGLE.....	1
30	PAFZZ	5305-00-225-3843	80204	B1821BH025C100N	SCREW, CAP, HEXAGON H 1/4-20 X 1.000, UNC-2A, GRADE 8.....	2
31	PAFZZ	3040-01-018-3701	19207	11684131	CONNECTING LINK, RIG.....	1
32	PAFZZ	5310-00-945-0528	96906	MS9321-11	WASHER, FLAT.....	2
33	PAFZZ	5315-00-839-5820	96906	MS24665-134	PIN, COTTER.....	2
34	PAFZZ	5305-00-225-9091	96906	MS90726-36	SCREW, CAP, HEXAGON H 5/16-24 X 7.250, UNF-2A, GRADE 5.....	1
35	PAFZZ		80204	W211NAA0031NN038 NNCG1	WASHER, LOCK.....	1

END OF FIGURE

Engine Shrouds

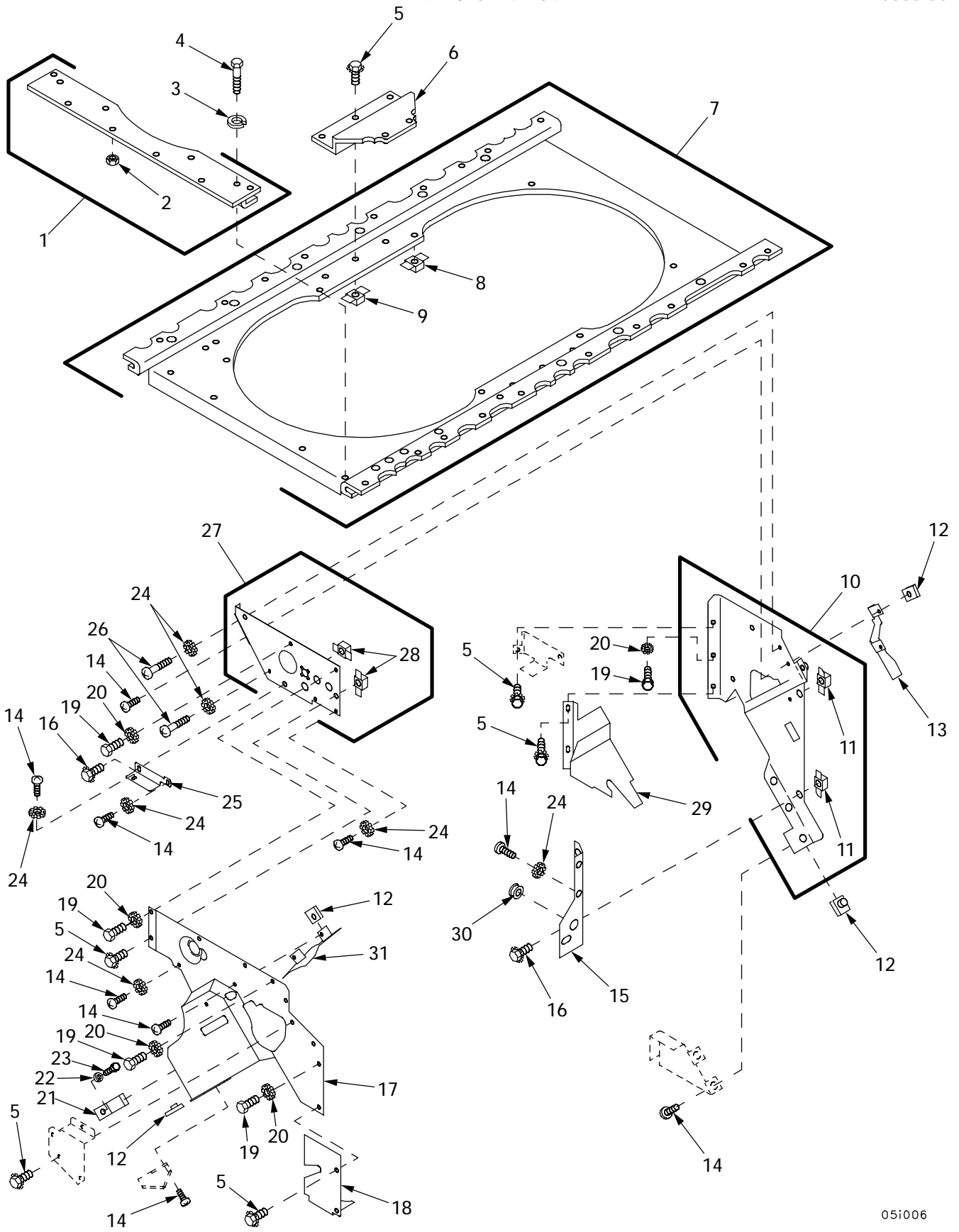
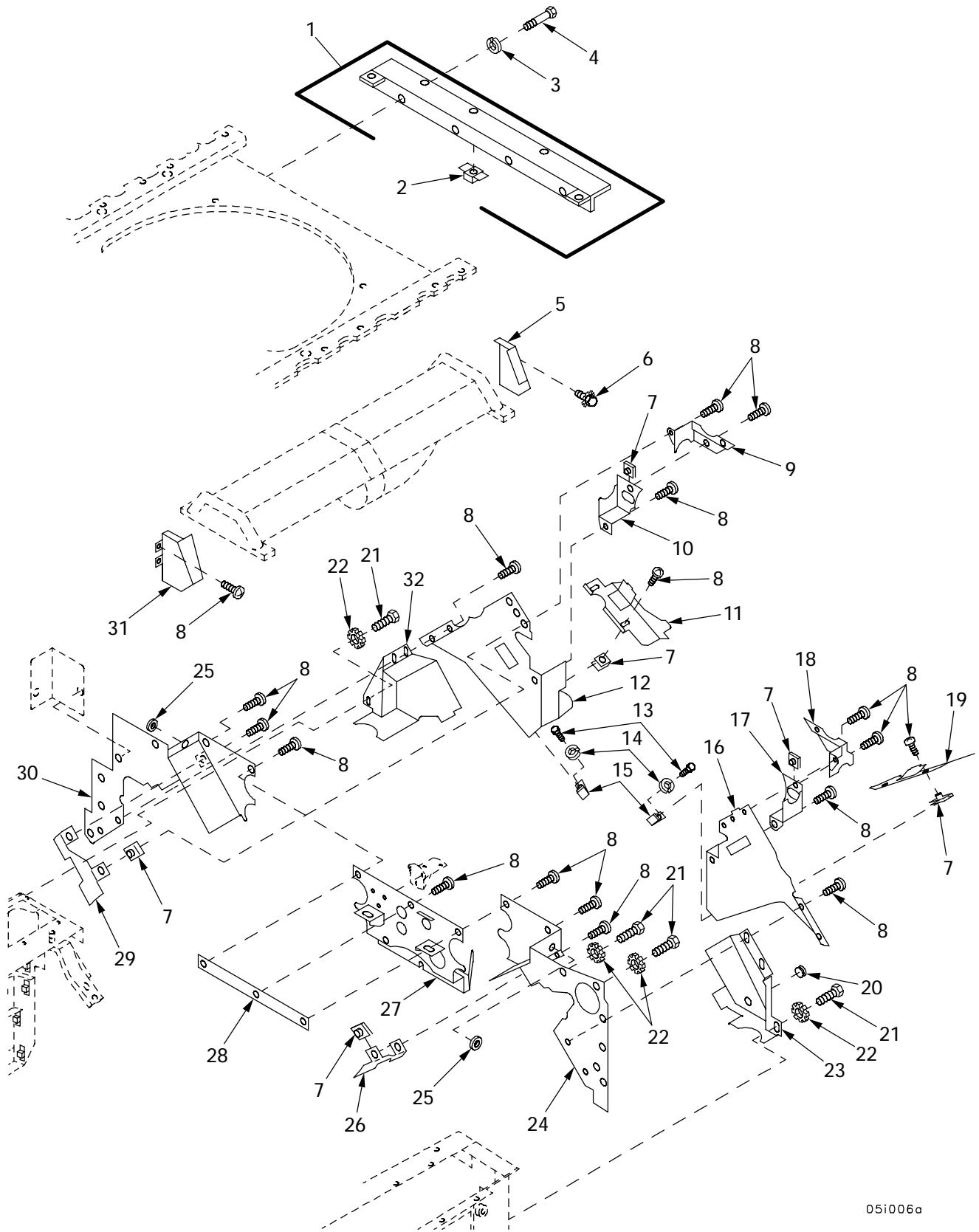


Figure 49. Engine Shrouds

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 05 COOLING SYSTEM GROUP 0502 COWLING, DEFLECTORS, AIR DUCTS, SHROUDS FIGURE 49 ENGINE SHROUDS	
1	PBOFF	5340-01-044-5315	19207	11671485	BRACKET, MOUNTING.....	1
2	PAFZZ	5310-00-058-5811	19207	585811	.NUT, PLAIN, WELDING.....	6
3	PAOZZ	5310-00-637-9541	80204	W211NAA0037NN038 NNCG1	WASHER, LOCK.....	4
4	PAOZZ	5305-00-269-3234	80204	B1821BH038F075N	SCREW, CAP, HEXAGON H 3/8-24 X .750, UNF-2A, GRADE 8.....	4
5	PAOZZ	5306-00-741-4584	19207	7414584	BOLT, ASSEMBLED WASH 5/16-24 X .560, NF-2, STEEL.....	17
6	PBOZZ	5340-01-026-9982	19207	8682561	COVER, ACCESS.....	2
7	PBOFF	4140-01-424-0474	02978	E8DR129-015	HOUSING, CENTRIFUGAL.....	1
8	PAFZZ	5310-00-486-0412	19207	11684093-2	.NUT, PLAIN, PLATE.....	34
9	PAFZZ	5310-00-486-0406	19207	11684093-1	.NUT, PLAIN, PLATE.....	18
10	PBFFF	2930-01-434-0166	02978	655991	SHROUD, FAN, RADIATOR.....	1
11	PAFZZ	5310-00-486-0406	19207	11684093-1	.NUT, PLAIN, PLATE.....	2
12	PAFZZ	5310-00-655-9975	19207	8764639	NUT, SELF-LOCKING, PL.....	8
13	PBFZZ	2805-00-760-5837	19207	8682756	BAFFLE, AIRFLOW, ENGI.....	1
14	PAFZZ	5305-00-988-1724	96906	MS35206-280	SCREW, MACHINE 1/4-20 X .625, UNC-2A, STEEL.....	15
15	PBFZZ		02978	E9AR129-059	PLATE, MOUNTING.....	1
16	PAOZZ	5305-00-042-5640	24617	425640	SCREW, ASSEMBLED WAS 5/16-24 X .750, UNF-2A, STEEL.....	3
17	PBFZZ	2930-01-434-5945	02978	E8AR129-002	SHROUD ASSEMBLY, ENG.....	1
18	PBFZZ	2815-01-434-5217	02978	E9AR129-096	BAFFLE, AIRFLOW, DIES.....	1
19	PAFZZ		80204	S210NA38FAK16354 BNCG1	SCREW 3/8-24 X .875, UNF-2A, GRADE 8.	5
20	PAFZZ	5310-00-627-6128	96906	MS35335-35	WASHER, LOCK.....	5
21	PAFZZ	5340-00-774-4858	02978	302491	CLIP, SPRING TENSION.....	1
22	PAFZZ		80204	W211NAA0025NN038 NNCG1	WASHER, LOCK.....	1
23	PAFZZ	5305-00-068-0500	96906	MS90725-3	SCREW, CAP, HEXAGON H 1/4-20 X .500, UNC-2A, GRADE 5.....	1
24	PAFZZ		80204	W211NAG0025NN038 NNCG1	WASHER, LOCK.....	9
25	PBFZZ	5340-00-388-9993	19207	11683974	BRACKET, ENGINE ACCE.....	1
26	PAFZZ	5305-00-988-1721	96906	MS35206-277	SCREW, MACHINE 1/4-20 X .375, UNC-2A, STEEL.....	2
27	PBFFF	5340-01-422-4207	02978	E8CR129-0010	PLATE, MOUNTING.....	1
28	PAFZZ	5310-00-486-0406	19207	11684093-1	.NUT, PLAIN, PLATE.....	2
29	PBFZZ	2815-01-434-5915	02978	E9AR129-098	BAFFLE, AIRFLOW, DIES.....	1
30	PAFZZ	5325-01-309-7164	96906	MS35489-149	GROMMET, NONMETALLIC.....	1
31	PBFZZ	2805-00-760-5838	19207	8682757	BAFFLE, AIRFLOW, ENGI.....	1

END OF FIGURE

Engine Shrouds



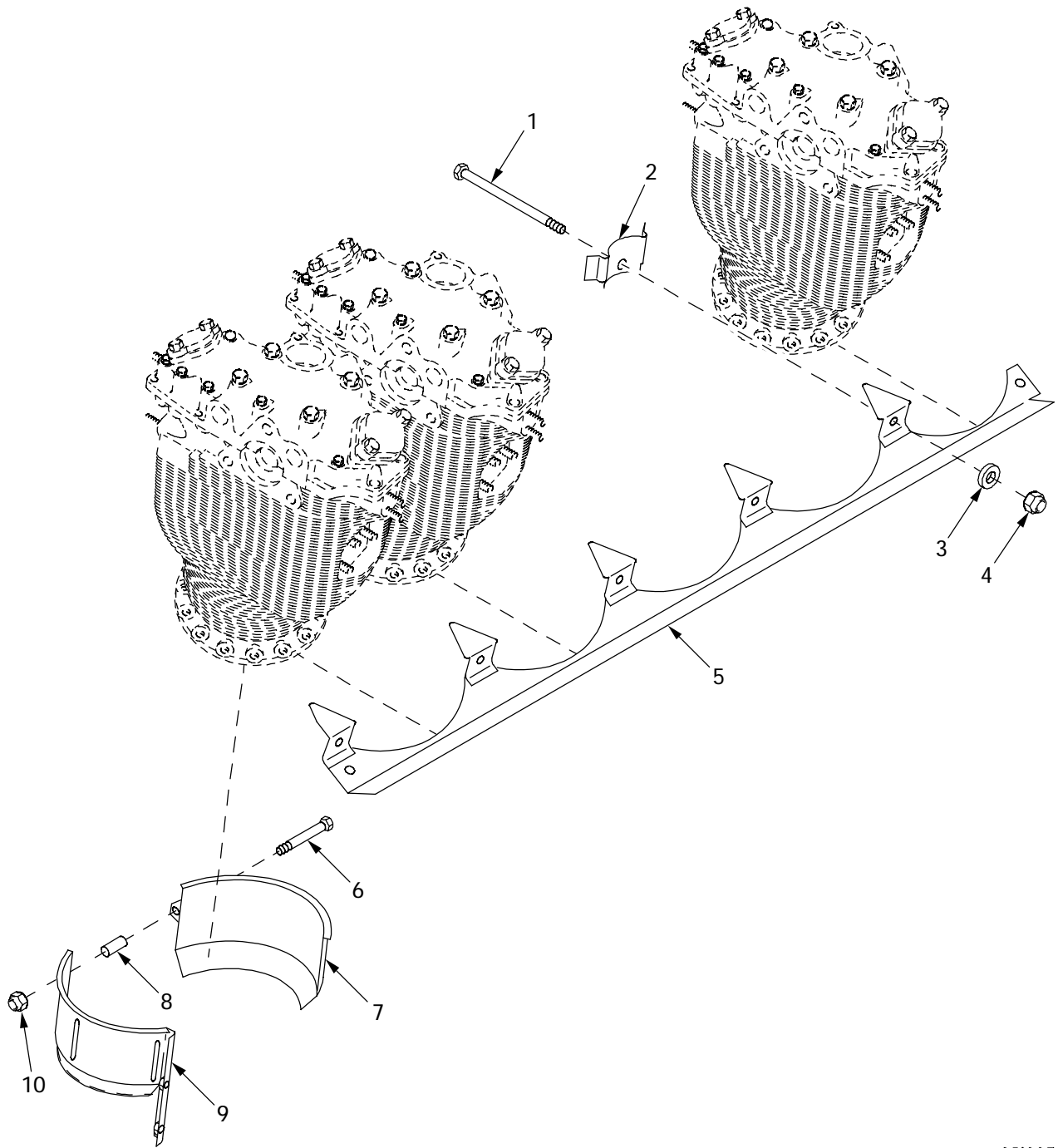
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Figure 50. Engine Shrouds

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0502 COWLING, DEFLECTORS, AIR DUCTS, SHROUDS FIGURE 50 ENGINE SHROUDS	
1	PBOFF	2520-01-434-6160	02978	E8DR129-008	BRACKET, LEVER LINKA.....	1
2	PAFZZ	5310-00-486-0412	19207	11684093-2	.NUT, PLAIN, PLATE.....	3
3	PAOZZ	5310-00-637-9541	80204	W211NAA0037NN038 NNCG1	WASHER, LOCK.....	4
4	PAOZZ	5305-00-269-3237	80204	B1821BH038F113N	SCREW, CAP, HEXAGON H 3/8-24 X 1.125, UNF-2A, GRADE 8.....	4
5	PAFZZ	2590-01-435-0660	02978	E9AR129-0290	COVER ASSEMBLY, AFTE FLYWHEEL END, LB	1
5	PAFZZ	2815-01-434-6168	02978	E9AR129-0430	COVER ASSEMBLY, AFTE FLYWHEEL END, RB	1
6	PAFZZ	5306-00-042-5828	21450	425828	BOLT, ASSEMBLED WASH .1900-32 X .500, NF-2A, STEEL.....	4
7	PAFZZ	5310-00-655-9975	19207	8764639	NUT, SELF-LOCKING, PL.....	22
8	PAFZZ	5305-00-988-1724	96906	MS35206-280	SCREW, MACHINE 1/4-20 X .625, UNC-2A, STEEL.....	22
9	PBFZZ		19207	12354416	SHROUD, CAMSHAFT DRI.....	1
10	PBFZZ	2930-01-012-2879	19207	11684265	SHROUD, FAN COOLING.....	1
11	PBFZZ	6115-00-442-5894	19207	8761269	ADAPTER, GENERATOR T.....	1
12	PBFZZ	2805-00-522-2576	19207	8682626	BAFFLE, AIRFLOW, NONA.....	1
13	PAFZZ	5305-00-068-0500	96906	MS90725-3	SCREW, CAP, HEXAGON H 1/4-20 X .500, UNC-2A, GRADE 5.....	2
14	PAFZZ		80204	W211NAA0025NN038 NNCG1	WASHER, LOCK.....	2
15	PAFZZ	5340-00-774-4858	02978	302491	CLIP, SPRING TENSION.....	2
16	PBFZZ	2930-00-436-3207	19207	8682623	SHROUD, FAN, RADIATOR.....	1
17	PBFZZ	2930-01-007-5277	19207	11684266	SHROUD, COOLING ENGI.....	1
18	PBFZZ	2815-01-437-4746	19207	12354415	SHROUD, CAMSHAFT DRI.....	1
19	PBFZZ	2930-00-402-4421	19207	8761270	SHROUD, CYLINDER COO.....	1
20	PAFZZ	5325-01-309-7164	96906	MS35489-149	GROMMET, NONMETALLIC.....	1
21	PAFZZ		80204	S210NA38FAK16354 BNCG1	SCREW 3/8-24 X .875, UNF-2A, GRADE 8.	4
22	PAFZZ	5310-00-627-6128	96906	MS35335-35	WASHER, LOCK.....	4
23	PBFZZ	2815-01-434-5914	02978	E9AR129-097	BAFFLE, AIRFLOW, DIES.....	1
24	PBFZZ	2815-01-435-1432	02978	E8CR129-0210	SHROUD ASSEMBLY.....	1
25	PAOZZ	5310-00-081-4219	96906	MS27183-12	WASHER, FLAT.....	12
26	PBFZZ	2805-00-760-5837	19207	8682756	BAFFLE, AIRFLOW, ENGI.....	1
27	PBFZZ	2990-01-437-3464	19207	12354414	SHROUD AND SUPPORT.....	1
28	PBFZZ	5365-01-433-9378	02978	E9AR129-174	SPACER, PLATE.....	1
29	PBFZZ	2805-00-760-5838	19207	8682757	BAFFLE, AIRFLOW, ENGI.....	1
30	PBOZZ	2815-01-434-5205	02978	E9AR129-0020	SHROUD, FLYWHEEL.....	1
31	PAFZZ	2815-01-434-6209	02978	E9AR129-0270	COVER ASSEMBLY, AFTE DAMPER END, LB..	1
31	PAFZZ	2590-01-435-0672	02978	E9AR129-0280	COVER ASSEMBLY, AFTE DAMPER END, RB..	1
32	PBFZZ	2815-01-434-5913	02978	E9AR129-099	BAFFLE, AIRFLOW, DIES.....	1

END OF FIGURE

Cylinder Deflectors and Shrouds



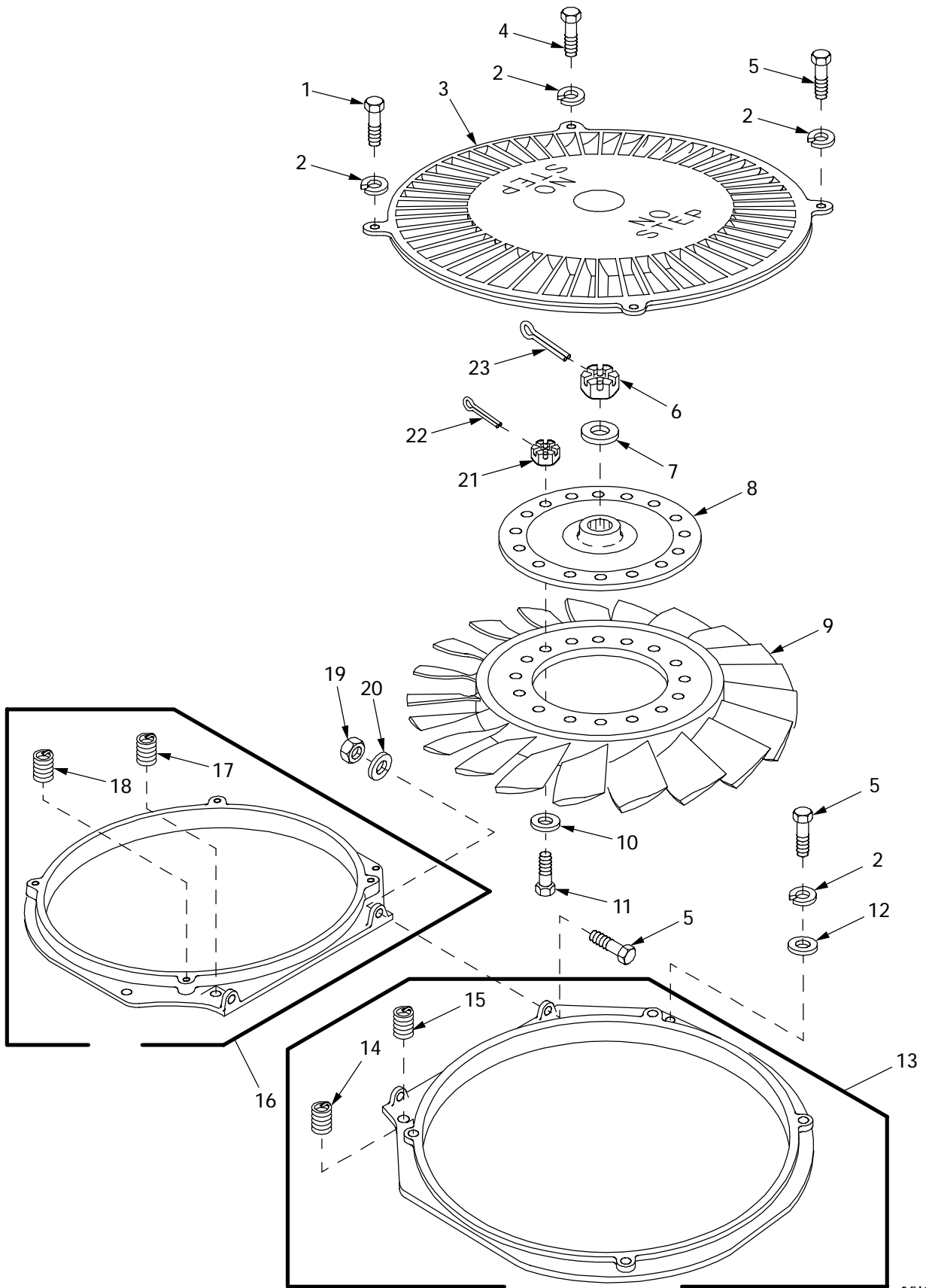
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Figure 51. Cylinder Deflectors and Shrouds

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0502 COWLING, DEFLECTORS, AIR DUCTS, SHROUDS FIGURE 51 CYLINDER DEFLECTORS AND SHROUDS	
1	PAFZZ	5306-00-678-1885	19207	8761432	BOLT,MACHINE .190-32 X 6.31,UNF-3A,ALLOY STEEL.....	10
2	PAFZZ	5340-01-433-1778	02978	E9AR129-020	STRAP,RETAINING.....	10
3	PAFZZ	5310-00-167-0818	80205	NAS1149F0363P	WASHER,FLAT.....	10
4	PAFZZ	5310-00-877-5797	96906	MS21044N3	NUT,SELF-LOCKING,HE.....	10
5	PAFZZ	2930-01-434-6179	02978	E9AR129-044-1	SHROUD,AFTERCOOLER LB.....	1
5	PAFZZ	2930-01-434-8225	02978	E9AR129-044-2	SHROUD,AFTERCOOLER RB.....	1
6	PAFZZ	5306-00-068-0514	80204	B1821BH025F088N	BOLT,MACHINE 1/4-28 X .875,UNF-2A,GRADE 8.....	2
7	PAFZZ	2815-01-433-8149	02978	654191	DEFLECTOR,AIRFLOW LEFT HAND,RB.....	1
7	PAFZZ	2815-01-434-6783	02978	654192	DEFLECTOR,AIRFLOW LEFT HAND,LB.....	1
8	PAFZZ	5365-01-433-9376	02978	E8AR129-001	SPACER,SLEEVE.....	2
9	PAFZZ	2815-01-433-8147	02978	E9AR129-0240	DEFLECTOR CYLINDER RIGHT HAND,LB...	1
9	PAFZZ	2815-01-434-8228	02978	E9AR129-0250	DEFLECTOR CYLINDER RIGHT HAND,RB...	1
10	PAFZZ	5310-00-877-5796	96906	MS21044N4	NUT,SELF-LOCKING,HE.....	2

END OF FIGURE

Engine Cooling Fan and Housing



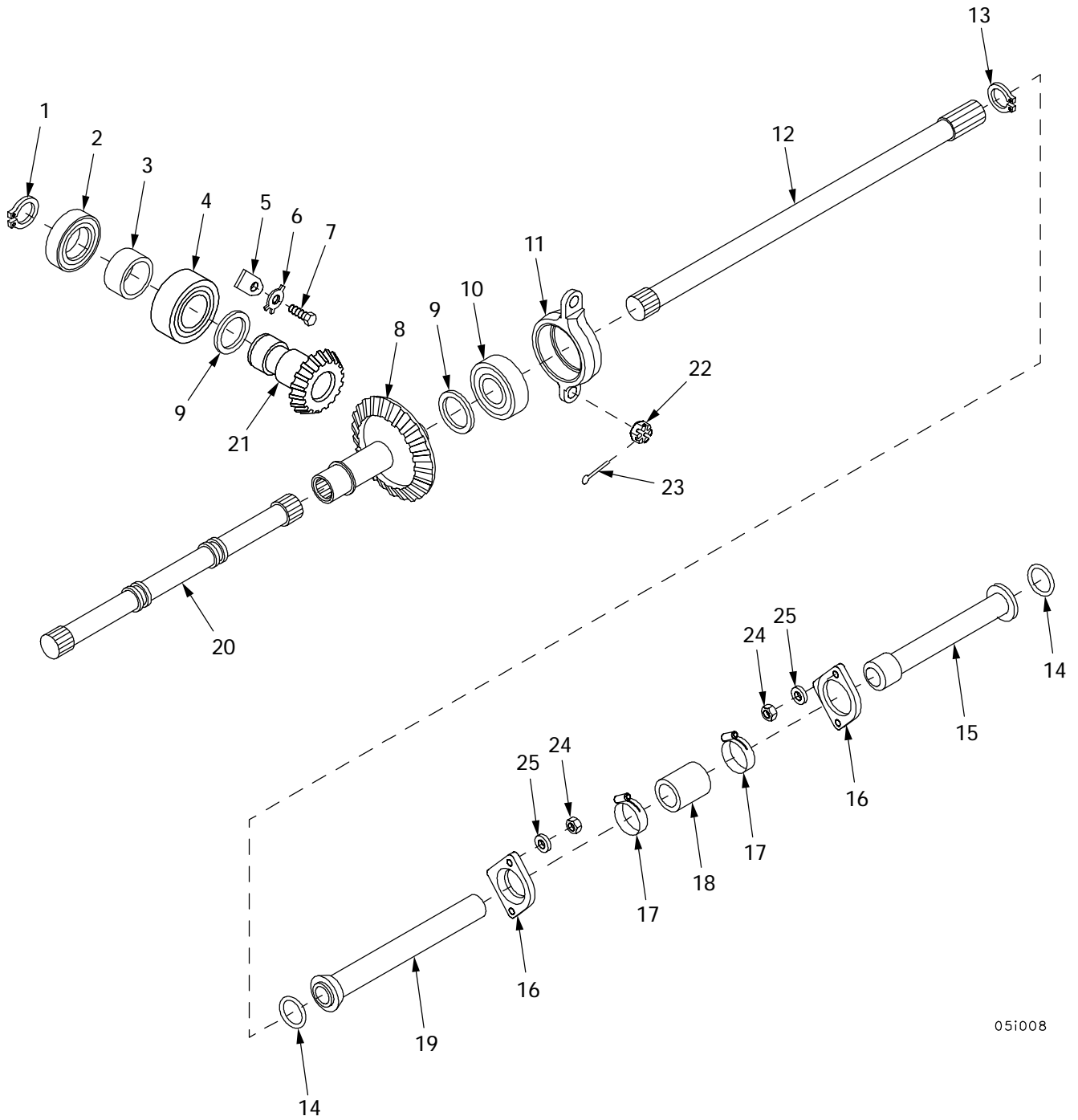
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Figure 52. Engine Cooling Fan and Housing

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0505 FAN ASSEMBLY FIGURE 52 ENGINE COOLING FAN AND HOUSING	
1	PAOZZ	5306-00-180-0238	88044	AN6-5A	BOLT, MACHINE 3/8-24 X .703, UNF-3A, STEEL.....	4
2	PAOZZ	5310-00-637-9541	80204	W211NAA0037NN038 NNCG1	WASHER, LOCK.....	14
3	PBOZZ	2930-00-350-9401	19207	8682658	HOUSING, CENTRIFUGAL.....	2
4	PAOZZ	5305-00-269-3245	80204	B1821BH038F275N	SCREW, CAP, HEXAGON H 3/8 X-24 X 2.750, UNF-2A, GRADE 8.....	2
5	PAOZZ		80204	S210NA38FAK23354 BNCG1	SCREW, CAP, HEXAGON H 3/8-24 X 1.500, UNF-2A, GRADE 8.....	8
6	PAOZZ	5310-01-433-2370	02978	E9AR129-080	NUT, PLAIN, SLOTTED, H.....	2
7	PAOZZ	5310-01-433-6139	02978	679777	WASHER, FLAT.....	2
8	PAOZZ	4730-01-433-5016	02978	699336	ADAPTER, ENGINE COOL.....	2
9	PAODD	2930-00-679-5742	02978	554132	IMPELLER, FAN, AXIAL.....	2
10	PAOZZ	5310-00-167-0820	80205	NAS1149F0563P	WASHER, FLAT.....	32
11	PAOZZ	5306-00-678-3325	19207	8761337	BOLT, MACHINE 5/16-24 X 1.500, UNF-3A, STEEL.....	32
12	PAOZZ	5310-00-184-8974	96906	MS9320-12	WASHER, FLAT.....	4
13	PBOHH	2930-00-997-1537	19207	8682785	SHROUD, FAN, RADIATOR.....	1
14	PAFZZ	5325-00-291-3493	96906	MS124658	.INSERT, SCREW THREAD.....	2
15	PAFZZ	5340-00-045-2676	96906	MS124657	.INSERT, SCREW THREAD.....	2
16	PBOFF	5340-00-442-5895	19207	8682682	BRACKET, MOUNTING.....	1
17	PAFZZ	5340-00-045-2676	96906	MS124657	.INSERT, SCREW THREAD.....	2
18	PAFZZ	5325-00-291-3493	96906	MS124658	.INSERT, SCREW THREAD.....	2
19	PAFZZ	5310-00-959-1488	81349	M45913/2-6FG5C	NUT, SELF-LOCKING, HE.....	2
20	PAOZZ	5310-00-333-7348	19207	8679576	WASHER, FLAT.....	2
21	PAOZZ	5310-00-401-0825	96906	MS35692-14	NUT, PLAIN, SLOTTED, H.....	32
22	PAOZZ	5315-00-839-2325	96906	MS24665-132	PIN, COTTER.....	32
23	PAOZZ	5315-00-013-7214	96906	MS24665-359	PIN, COTTER.....	2

END OF FIGURE

Rear Fan Drive



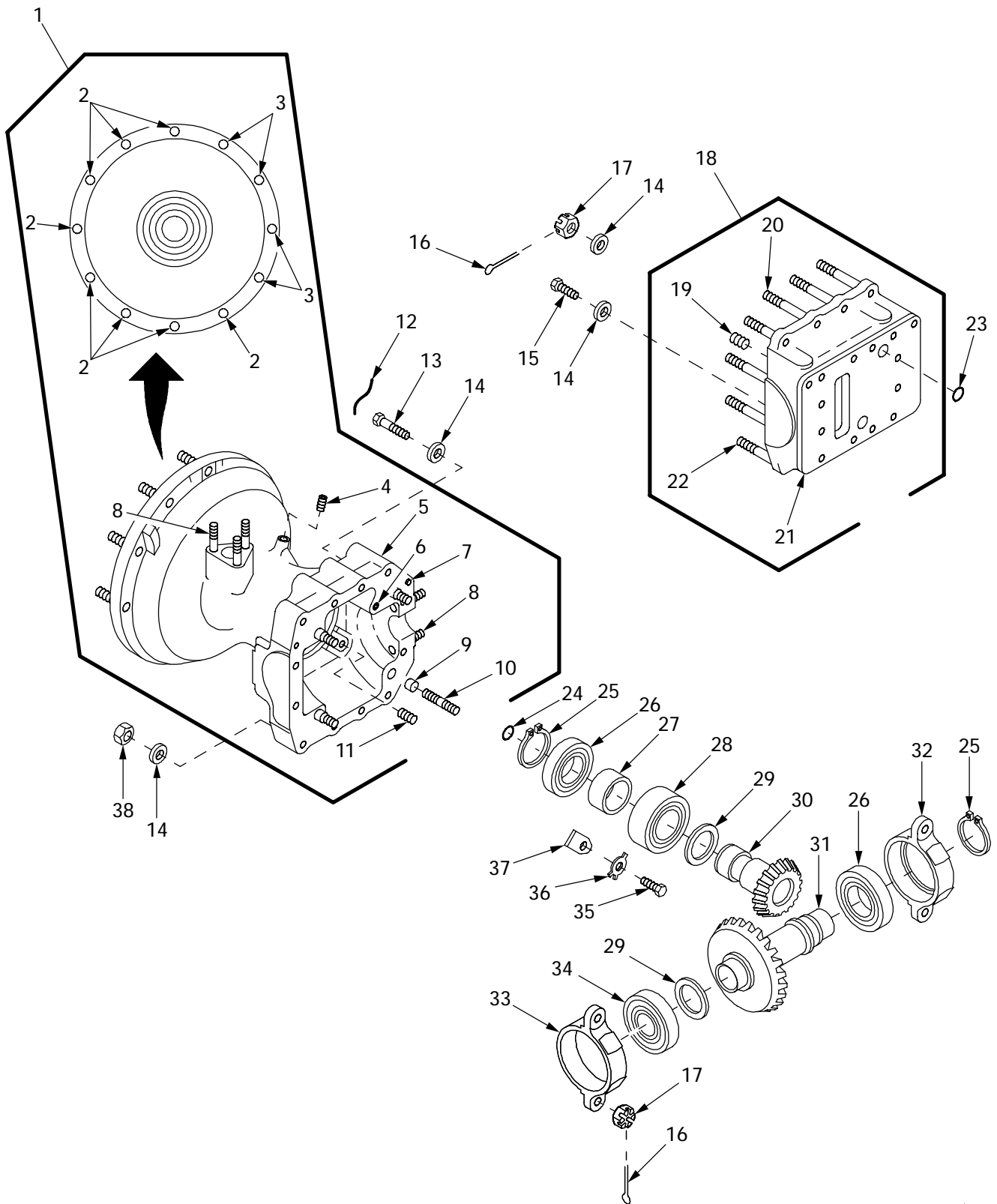
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Figure 53. Rear Fan Drive

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0505 FAN ASSEMBLY FIGURE 53 REAR FAN DRIVE	
1	PAHZZ	5365-00-803-7304	96906	MS16624-1156	RING,RETAINING.....	1
2	PAHZZ	3110-00-516-5290	21335	9108K	BEARING,BALL,ANNULA.....	1
3	PAHZZ	5365-00-407-7011	19207	8682674	SPACER,SLEEVE.....	1
4	PAHZZ	3110-00-554-3899	21335	5208	BEARING,BALL,ANNULA.....	1
5	PAHZZ	3110-00-481-2825	19207	8761390	PLATE,RETAINING,BEA.....	1
6	PAHZZ	5310-00-209-2629	28839	501868	WASHER,KEY.....	1
7	PAHZZ	5306-00-050-1238	80204	B1821BH031F075N	BOLT,MACHINE 5/16-24 X .750,UNF-2A,GRADE 8.....	1
8	KFHZZ		02978	651383	GEARSHAFT,BEVEL PART OF KIT P/N E8CR129-0050.....	1
9	PAHZZ	5365-00-678-3271	19207	8682455	SHIM.....	2
10	PAHZZ	3110-00-554-5302	21335	208K	BEARING,BALL,ANNULA.....	1
11	PAHZZ	3130-00-498-9359	19207	8725227	HOUSING,BEARING UNI.....	1
12	PAHZZ	3040-00-678-3265	19207	8761020	SHAFT,STRAIGHT.....	1
13	PAHZZ	5365-00-828-7570	96906	MS16626-1112	RING,RETAINING.....	1
14	PAHZZ	5330-01-160-4343	81349	M83461/1-325	PACKING,PREFORMED PART OF KIT P/N E8CR100-013.....	2
15	PAHZZ	4710-00-408-4684	19207	7320480	TUBE ASSEMBLY,METAL.....	1
16	PAHZZ	3040-00-411-5749	19207	7320463	PLATE,RETAINING,SHA.....	2
17	PAHZZ	4730-00-908-3193	83299	0612596-00	CLAMP,HOSE.....	2
18	MHHZZ		19207	8761226	HOSE,NONMETALLIC MAKE FROM HOSE, P/N MIL-H-6000,1.250 IN ID.....	1
19	PAHZZ	4710-00-350-9399	19207	7320469	TUBE ASSEMBLY,METAL.....	1
20	PAHZZ	3040-01-434-0438	02978	654911	SHAFT,SHOULDERED.....	1
21	KFHZZ		02978	651387	GEARSHAFT,BEVEL PART OF KIT P/N E8CR129-0050.....	1
22	PAHZZ	5310-00-842-1488	96906	MS35692-21	NUT,PLAIN,SLOTTED,H.....	2
23	PAHZZ	5315-00-839-5820	96906	MS24665-134	PIN,COTTER.....	2
24	PAHZZ	5310-00-088-0553	96906	MS21044N5	NUT,SELF-LOCKING,HE.....	4
25	PAOZZ	5310-00-167-0820	80205	NAS1149F0563P	WASHER,FLAT.....	4

END OF FIGURE

Front Fan Drive



051009

Figure 54. Front Fan Drive

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0505 FAN ASSEMBLY	
					FIGURE 54 FRONT FAN DRIVE	
1	PBHHH	3040-01-431-3058	02978	E8DR129-0250-1	HOUSING,MECHANICAL.....	1
2	PAHZZ	5307-00-734-8596	19207	7348596	.STUD,PLAIN 0.007 OVERSIZE.....	8
2	PAHZZ	5307-00-741-0395	28839	401895J	.STUD,PLAIN 0.003 OVERSIZE.....	8
3	PAHZZ	5307-00-272-6331	19207	8365809	.STUD,PLAIN 0.003 OVERSIZE.....	4
3	PAHZZ	5307-00-272-6332	19207	8365810	.STUD,PLAIN 0.007 OVERSIZE.....	4
4	PAHZZ	4730-00-044-4689	28839	401752	.PLUG,PIPE.....	1
5	XAHZZ		02978	657206	.HOUSING.....	1
6	PAHZZ	5365-00-733-8667	02978	400507	.SPACER,SLEEVE.....	1
7	PAHZZ	5315-00-058-9929	02978	501031	.PIN,STRAIGHT,HEADLE.....	2
8	PAHZZ	5307-00-638-7608	03104	401975S	.STUD,PLAIN 0.007 OVERSIZE.....	5
8	PAHZZ	5307-00-734-8668	19207	7348668	.STUD,PLAIN 0.003 OVERSIZE.....	5
9	PAHZZ	4710-01-248-9634	19207	8682469	.TUBE,METALLIC.....	4
10	PAHZZ	5307-00-678-3320	19207	7992673	.STUD,PLAIN 0.003 OVERSIZE.....	4
10	PAHZZ	5307-00-678-3321	19207	7992674	.STUD,PLAIN 0.007 OVERSIZE.....	4
11	PAHZZ	5325-00-291-3495	96906	MS124697	.INSERT,SCREW THREAD.....	1
12	MHHZZ		96906	MS20995NC40-12	WIRE,NONELECTRICAL MAKE FROM WIRE, P/N MS20995NC40.....	1
13	PAHZZ	5305-00-914-6131	96906	MS18153-63	SCREW,CAP,HEXAGON H 3/8-24 X 1.750,UNF-2A,GRADE 8.....	2
14	PAOZZ	5310-00-333-7348	19207	8679576	WASHER,FLAT.....	21
15	PAHZZ		80204	S210NA38FAK19354 BNCG1	SCREW 3/8-24 X 1.250,UNF-2A,GRADE 8	2
16	PAHZZ	5315-00-839-5820	96906	MS24665-134	PIN,COTTER.....	14
17	PAHZZ	5310-00-842-1488	96906	MS35692-21	NUT,PLAIN,SLOTTED,H.....	14
18	PBHHH	2815-01-432-3162	02978	699787	BASE ASSEMBLY,FAN D.....	1
19	PAHZZ	5325-00-678-3311	96906	MS21209F6-20	.INSERT,SCREW THREAD.....	2
20	PAHZZ	5307-00-774-4605	19207	7744605	.STUD,PLAIN 0.007 OVERSIZE.....	8
20	PAHZZ	5307-00-774-4795	19207	7744795	.STUD,PLAIN 0.003 OVERSIZE.....	8
21	XAHZZ		02978	699784	.BASE.....	1
22	PAHZZ	5307-00-678-3329	19207	8761203	.STUD,PLAIN 0.003 OVERSIZE.....	2
22	PAHZZ	5307-00-678-3328	19207	8761204	.STUD,PLAIN 0.007 OVERSIZE.....	2
23	PAHZZ	5330-00-599-2934	96906	MS28775-112	PACKING,PREFORMED PART OF KIT P/N E8CR100-013.....	1
24	PAHZZ	5330-00-582-2133	96906	MS28775-011	PACKING,PREFORMED PART OF KIT P/N E8CR100-013.....	1
25	PAHZZ	5365-00-803-7304	96906	MS16624-1156	RING,RETAINING.....	2
26	PAHZZ	3110-00-516-5290	21335	9108K	BEARING,BALL,ANNULA.....	2
27	PAHZZ	5365-00-407-7011	19207	8682674	SPACER,SLEEVE.....	1
28	PAHZZ	3110-00-554-3899	21335	5208	BEARING,BALL,ANNULA.....	1
29	PAHZZ	5365-00-678-3271	19207	8682455	SHIM.....	2
30	KFHZZ		02978	651387	GEARSHAFT,BEVEL PART OF KIT P/N E8CR129-0050.....	1
31	KFHZZ		02978	651385	GEARSHAFT,BEVEL PART OF KIT P/N E8CR129-0090.....	1
32	PAHZZ	3040-00-937-4846	19207	8725226	BRACKET,EYE,ROTATIN.....	1
33	PAHZZ	3130-00-498-9359	19207	8725227	HOUSING,BEARING UNI.....	1
34	PAHZZ	3110-00-554-5302	21335	208K	BEARING,BALL,ANNULA.....	1
35	PAHZZ	5306-00-050-1238	80204	B1821BH031F075N	BOLT,MACHINE 5/16-24 X .750,UNF-2A,GRADE 8.....	1
36	PAHZZ	5310-00-209-2629	28839	501868	WASHER,KEY.....	1
37	PAHZZ	3110-00-481-2825	19207	8761390	PLATE,RETAINING,BEA.....	1
38	PAFZZ	5310-00-959-1488	81349	M45913/2-6FG5C	NUT,SELF-LOCKING,HE.....	10

END OF FIGURE

Fan Drive Clutch Assembly and Associated Parts

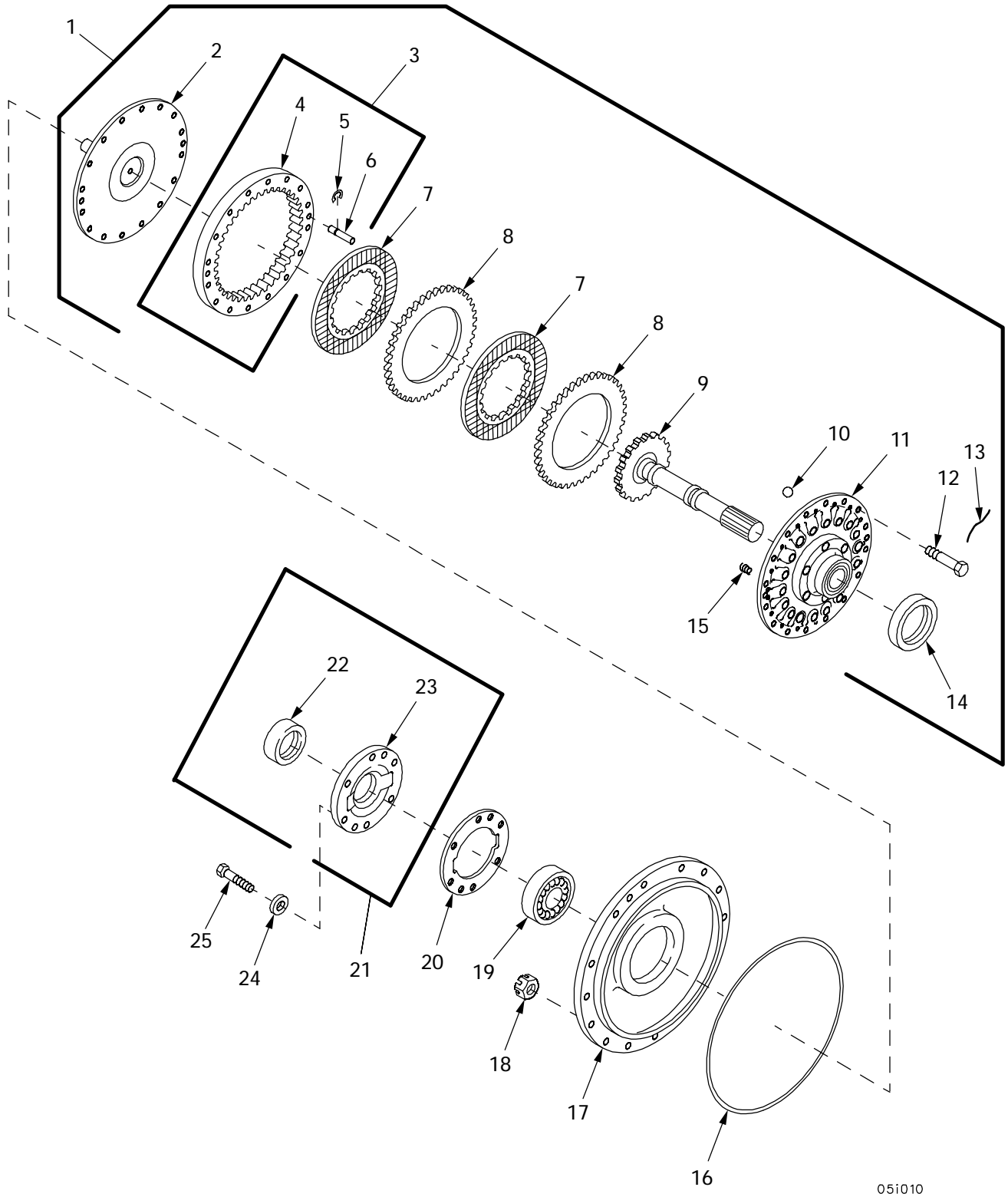


Figure 55. Fan Drive Clutch Assembly and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0505 FAN ASSEMBLY	
					FIGURE 55 FAN DRIVE CLUTCH	
					ASSEMBLY AND ASSOCIATED	
					PARTS	
1	PBFFF	2520-01-435-0395	02978	678909	CLUTCH ASSEMBLY, FRI.....	1
2	XDFZZ		19207	10951119	.FLANGE, PIPE.....	1
3	XAFFZ		19207	10951076	.HOUSING ASSEMBLY.....	1
4	PAFZZ	5365-01-114-7409	19207	10951077	..SPACER, RING.....	1
5	PAFZZ	5365-00-663-1245	96906	MS16632-1031	..RING, RETAINING.....	2
6	PAFZZ	5315-00-490-5588	19207	10882757	..PIN, GROOVED, HEADLES.....	2
7	PAFZZ	2520-00-435-4572	19207	10951084	.DISK, CLUTCH, VEHICUL.....	2
8	PAFZZ	2520-01-160-8074	19207	10951083	.DISK, CLUTCH, VEHICUL.....	2
9	XAFZZ		02978	678920	.SHAFT ASSEMBLY, FAN.....	1
10	PAFZZ	3110-00-462-0392	19207	10951369	.BALL, BEARING.....	6
11	PBFZZ	2930-00-435-4568	19207	10951079	.HUB ASSEMBLY, FAN D.....	1
12	PAFZZ	5306-00-180-2751	88044	AN5H12A	.BOLT, MACHINE 5/16-24 X	16
					1.344, UNF-3A, STEEL.....	
13	MFFZZ		96906	MS20995NC40-36	.WIRE, NONELECTRICAL MAKE FROM WIRE,	1
					P/N MS20995NC40.....	
14	PAFZZ	3110-00-554-2979	21335	9109K	.BEARING, BALL, ANNULA.....	1
15	PAFZZ	5360-00-678-3256	19207	8761260	.SPRING, HELICAL, COMP.....	3
16	PAFZZ	5330-01-117-8833	96906	MS28775-272	O-RING.....	2
17	PAFZZ	5340-00-248-4631	19207	8682765	COVER, ACCESS.....	2
18	PAFZZ	5310-00-807-1469	96906	MS21042-5	NUT, SELF-LOCKING, EX.....	24
19	PAFZZ	3110-00-555-5207	08162	307	BEARING, BALL, ANNULA.....	2
20	PAOZZ	5330-01-037-0800	19207	12254235	GASKET.....	2
21	PAOOO	5340-00-678-3267	19207	8761062	PLATE, RETAINING, SEA.....	2
22	PAOZZ	5330-00-902-3189	19207	10935537	.SEAL, PLAIN ENCASED.....	1
23	XAOZZ		19207	8761063	.HOUSING.....	1
24	PAOZZ	5310-00-167-0820	80205	NAS1149F0563P	WASHER, FLAT.....	12
25	PAOZZ	5306-00-225-9089	96906	MS90726-34	BOLT, MACHINE 5/16-24 X	12
					1.000, UNF-2A, GRADE 5.....	

END OF FIGURE

Engine Generator, Cradle, Bracket, Oil Hoses and Associated Parts

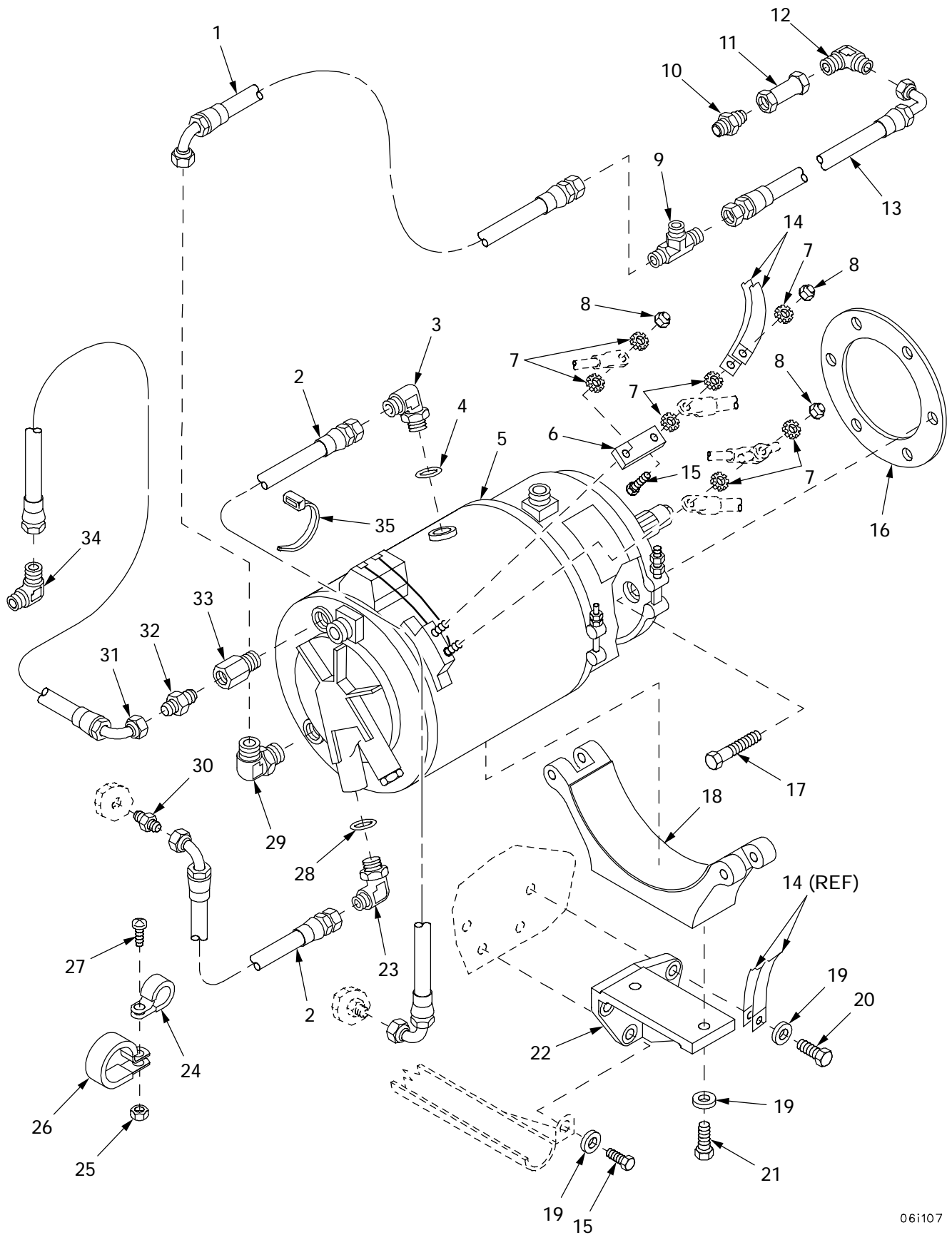
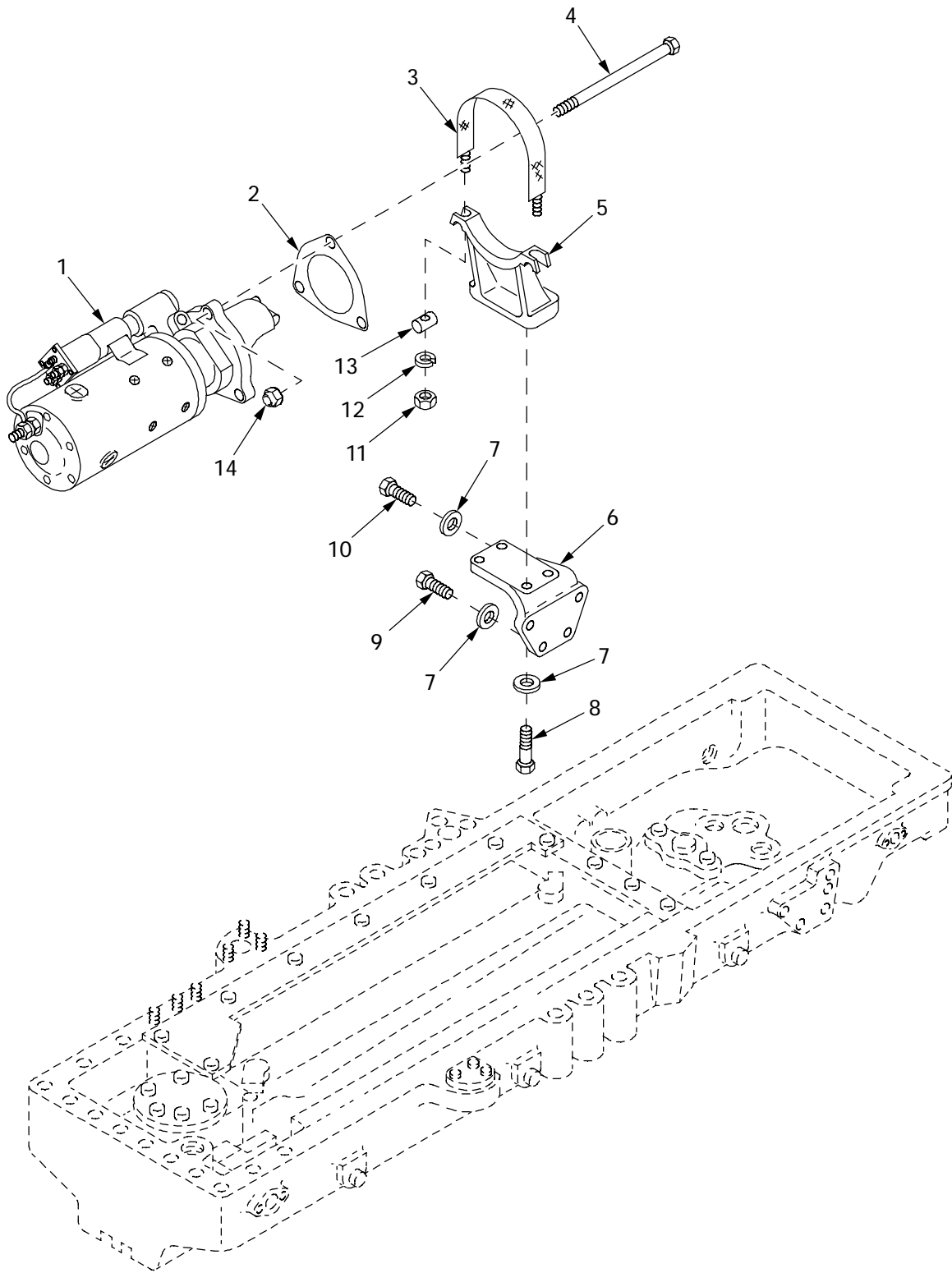


Figure 56. Engine Generator, Cradle, Bracket, Oil Hoses and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 06 GENERATOR	
					GROUP 0601 GENERATOR	
					FIGURE 56 ENGINE GENERATOR, CRADLE, BRACKET, OIL HOSES AND ASSOCIATED PARTS	
1	PAOZZ	4720-01-433-7182	96906	MS8005E140C	HOSE ASSEMBLY,NONME.....	1
2	PAOZZ		96906	MS8005H222CC	HOSE ASSEMBLY,NONME.....	2
3	PAOZZ	4730-00-822-5609	96906	MS51527A8	ELBOW,TUBE TO BOSS.....	1
4	PAOZZ	5331-00-808-0794	96906	MS28778-8	O-RING.....	1
5	PAOFD	2920-00-441-8137	19207	11655469	GENERATOR,ENGINE AC REFER TO TM 9-2920-252 34&P OR DMWR 9-2920-252..	1
6	PAOZZ	6150-00-476-0371	19207	11673856	BUS, CONDUCTOR.....	1
7	PAOZZ	5310-00-627-6128	96906	MS35335-35	WASHER, LOCK.....	7
8	PAOZZ	5310-00-975-2075	96906	MS35691-21	NUT, PLAIN, HEXAGON.....	3
9	PAOZZ	4730-01-434-5429	19207	11668689	TEE, PIPE TO TUBE.....	1
10	PAOZZ	4730-00-698-4042	88044	AN911-2J	NIPPLE, PIPE.....	1
11	PAOZZ	4820-01-011-9665	19207	11668690	VALVE, CHECK.....	1
12	PAOZZ	4730-00-941-6026	96906	MS20822-4-4J	ELBOW, PIPE TO TUBE.....	1
13	PAOZZ	4720-00-590-5249	96906	MS8005E076C	HOSE ASSEMBLY,NONME.....	1
14	PAOZZ	6150-01-008-1440	19207	11682595-1	LEAD, ELECTRICAL.....	2
15	PAOZZ	5305-00-269-3239	80204	B1821BH038F138N	SCREW, CAP, HEXAGON H 3/8-24 X 1.375, UNF-2A, GRADE 8.....	3
16	PAOZZ	5330-00-318-4127	02978	525722	GASKET.....	1
17	PAOZZ	5305-00-269-3211	96906	MS90725-60	SCREW, CAP, HEXAGON H 3/8-16 X 1.000, UNC-2A, GRADE 8.....	6
18	PAOZZ	2920-01-048-6052	19207	11684162	CRADLE ASSEMBLY, GEN.....	1
19	PAOZZ	5310-00-776-7318	19207	7767318	WASHER, FLAT.....	6
20	PAOZZ		80204	S210NA38FAK23354 BNCG1	SCREW, CAP, HEXAGON H 3/8-24 X 1.500, UNF-2A, GRADE 8.....	2
21	PAOZZ	5305-00-269-3241	80204	B1821BH038F175N	SCREW, CAP, HEXAGON H 3/8-24 X 1.750, UNF-2A, GRADE 8.....	2
22	PAOZZ	2920-00-398-6540	19207	11684057	GENERATOR BRACKET.....	1
23	PAOZZ	4730-01-032-1393	19207	11668634	ELBOW, TUBE TO BOSS.....	1
24	PAOZZ	5340-00-764-7051	96906	MS21333-69	CLAMP, LOOP.....	1
25	PAOZZ	5310-00-877-5797	96906	MS21044N3	NUT, SELF-LOCKING, HE.....	1
26	PAOZZ	5340-00-922-6300	96906	MS21333-77	CLAMP, LOOP.....	1
27	PAOZZ	5305-00-993-1851	96906	MS35207-267	SCREW, MACHINE .1900-32 X 1.000, UNF-2A, STEEL.....	1
28	PAOZZ	5331-00-285-9842	96906	MS28778-10	O-RING.....	1
29	PAOZZ	4730-01-016-2531	81343	4-4 071602C	ELBOW, PIPE TO TUBE.....	1
30	PAOZZ	4730-01-016-5907	19207	11684111	ADAPTER, STRAIGHT, PI.....	1
31	PAOZZ	4720-01-433-7183	96906	MS8005E320C	HOSE ASSEMBLY,NONME.....	1
32	PAOZZ	4730-00-842-1766	96906	MS51500A4S	ADAPTER, STRAIGHT, PI.....	1
33	PAOZZ	4730-00-501-7013	19207	10951108	COUPLING, PIPE.....	1
34	PAOZZ	4730-00-647-3207	96906	MS51504A4	ELBOW, PIPE TO TUBE.....	1
35	PAOZZ	5975-00-074-2072	96906	MS3367-1-9	STRAP, TIEDOWN, ELECT.....	1

END OF FIGURE

Engine Starter, Cradle, Bracket and Associated Parts



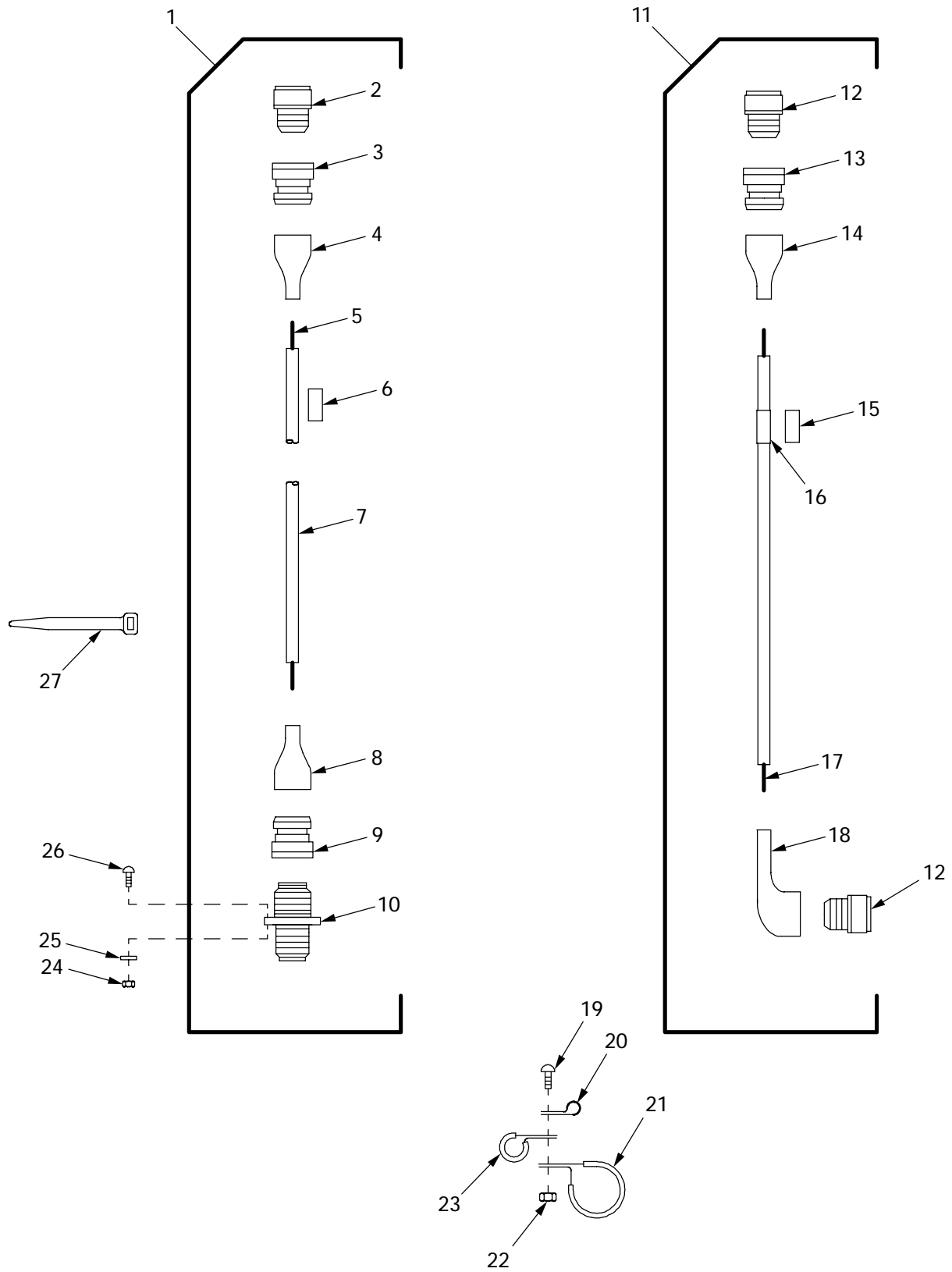
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Figure 57. Engine Starter, Cradle, Bracket and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0603 STARTING MOTOR FIGURE 57 ENGINE STARTER, CRADLE, BRACKET AND ASSOCIATED PARTS	
1	PAOFH	2920-01-139-3722	16764	1990272	STARTER,ENGINE,ELEC INDEX TO 158 DEGREES. REFER TO TM 9-2920-232-34&P.....	1
2	PAOZZ	5330-00-678-7101	19207	7084278	GASKET.....	1
3	PAOZZ	5340-01-439-3764	00624	NA200054-1075	BOLT,EXIT.....	1
4	PAOZZ	5306-00-678-6889	19207	8761272	BOLT,MACHINE 5/8-18 X 8.690,UNF-3A,STEEL.....	2
5	PAOZZ	5340-01-147-3136	19207	12275796	BRACKET,ENGINE ACCE.....	1
6	PAOZZ	5340-00-402-5204	19207	10865001	BRACKET,ANGLE.....	1
7	PAOZZ	5310-00-776-7318	19207	7767318	WASHER,FLAT.....	8
8	PAOZZ	5305-00-269-3241	80204	B1821BH038F175N	SCREW,CAP,HEXAGON H 3/8-24 X 1.750,UNF-2A,GRADE 8.....	4
9	PAOZZ	5305-00-269-3239	80204	B1821BH038F138N	SCREW,CAP,HEXAGON H 3/8-24 X 1.375,UNF-2A,GRADE 8.....	2
10	PAOZZ		80204	S210NA38FAK23354 BNCG1	SCREW,CAP,HEXAGON H 3/8-24 X 1.500,UNF-2A,GRADE 8.....	2
11	PAOZZ	5310-00-761-6882	96906	MS51967-2	NUT,PLAIN,HEXAGON.....	2
12	PAOZZ	5310-00-274-8715	96906	MS35338-63	WASHER,LOCK.....	2
13	PAOZZ	2920-01-434-6195	02978	E9AR107-005	BAR,CLAMP,GENERATOR.....	2
14	PAOZZ	5310-00-982-6809	96906	MS21044N10	NUT,SELF-LOCKING,HE.....	3

END OF FIGURE

Fuel Metering Pump Fuel Shut-Off Electrical Lead and Automatic Water Drain Warning



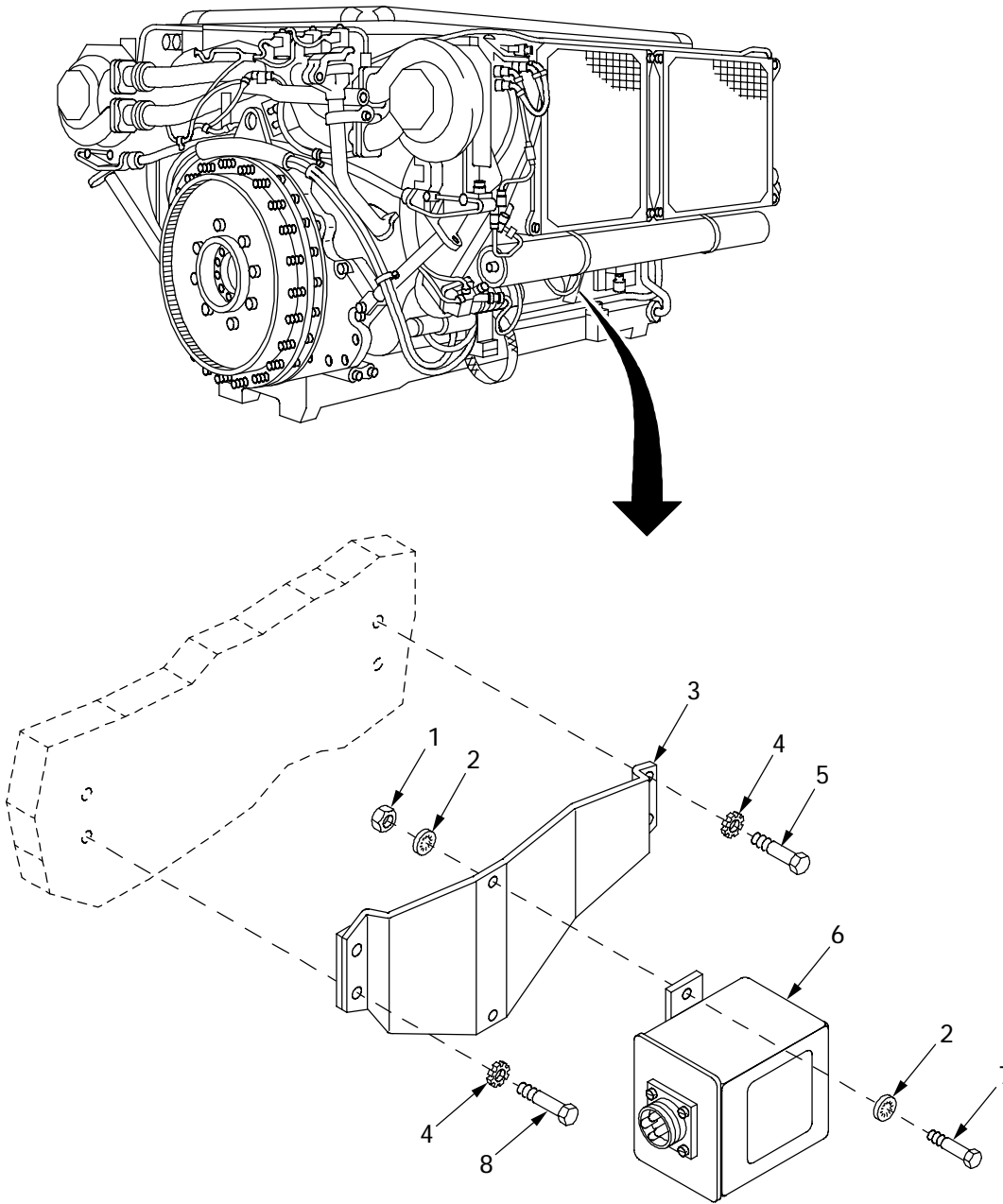
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Figure 58. Fuel Metering Pump Fuel Shut-Off Electrical Lead and Automatic Water Drain Warning

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0606 ENGINE SAFETY CONTROLS FIGURE 58 FUEL METERING PUMP FUEL SHUT-OFF ELECTRICAL LEAD AND AUTOMATIC WATER DRAIN WARNING	
1	PBOOO	6150-01-422-4190	02978	E8DR128-003	WIRING HARNESS.....	1
2	PAOZZ	5935-00-509-6194	96906	MS3456W10SL-4S	.CONNECTOR, PLUG, ELEC.....	1
3	PAOZZ	5935-01-239-8951	81349	M85049/60-1W10	.ADAPTER, CABLE CLAMP.....	1
4	PAOZZ	5340-01-435-2839	19207	12273147-130	.BOOT, DUST AND MOIST.....	1
5	PAOZZ	6145-01-322-5000	81349	M22759/41-16-9	.WIRE, ELECTRICAL 1 PC. 32.00 IN LG	V
6	PAOZZ	5970-00-935-0130	81349	M23053/8-007-C	.INSULATION SLEEVING 1 PC. 1.000 IN LG.....	V
7	PAOZZ	5970-01-336-3597	06090	VPB-1/4	.INSULATION SLEEVING 1 PC. 32.00 IN LG.....	V
8	PCOZZ	5975-01-083-5738	06090	202F221-50	.CABLE NIPPLE, ELECTR.....	1
9	PAOZZ	5935-01-189-3226	81349	M85049/60-1A12	.ADAPTER, CABLE CLAMP.....	1
10	PAOZZ	5935-01-227-5707	96906	MS3450W12S-3P	.CONNECTOR, RECEPTAC.....	1
11	PBOOO	6150-01-426-6557	02978	E2CA128-006	CABLE ASSEMBLY, POWE.....	1
12	PAOZZ	5935-00-509-6194	96906	MS3456W10SL-4S	.CONNECTOR, PLUG, ELEC.....	2
13	PAOZZ	5935-01-239-8951	81349	M85049/60-1W10	.ADAPTER, CABLE CLAMP.....	1
14	PAOZZ	5340-01-170-1935	19207	12273147-129	.BOOT, DUST AND MOIST.....	1
15	PAOZZ	5970-00-994-1160	81349	M23053/8-008-C	.INSULATION SLEEVING 3 PCS. 1.000 IN LG.....	V
16	PAOZZ		81349	M23053/5	.INSULATION SLEEVING 3 PCS. 1.000 IN LG.....	V
17	PAOZZ	6145-01-028-0985	81349	M81044/12-16-0	.WIRE, ELECTRICAL 1 PC. 12.00 IN LG	V
18	PAOZZ		19207	12273176-129	.INSULATION SLEEVING.....	1
19	PAOZZ	5305-00-993-1851	96906	MS35207-267	SCREW, MACHINE .1900-32 X 1.000, UNF-2A, STEEL.....	1
20	PAOZZ	5340-00-990-7610	96906	MS21333-66	CLAMP, LOOP.....	1
21	PAOZZ	5340-00-922-6301	96906	MS21333-79	CLAMP, LOOP.....	1
22	PAOZZ	5310-00-877-5797	96906	MS21044N3	NUT, SELF-LOCKING, HE.....	1
23	PAOZZ	5340-00-057-2904	96906	MS21333-71	CLAMP, LOOP.....	1
24	PAOZZ	5310-00-934-9734	96906	MS35650-342	NUT, PLAIN, HEXAGON.....	4
25	PAOZZ	5310-00-616-3554	96906	MS35335-29	WASHER, LOCK.....	4
26	PAOZZ	5305-00-958-4346	96906	MS35207-215	SCREW, MACHINE .1120-48 X 3.750, UNF-2A, STEEL.....	4
27	PAOZZ	5975-00-074-2072	96906	MS3367-1-9	STRAP, TIEDOWN, ELECT.....	1

END OF FIGURE

Starter Module and Associated Parts



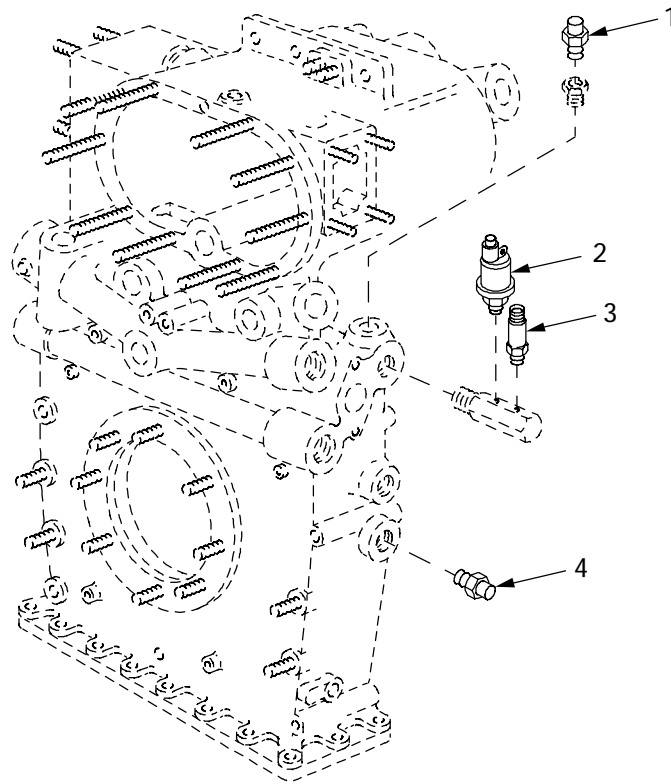
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Figure 59. Starter Module and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0610 SENDING UNITS AND WARNING SWITCHES	
					FIGURE 59 STARTER MODULE AND ASSOCIATED PARTS	
1	PAOZZ	5310-00-061-7325	96906	MS21045-4	NUT, SELF-LOCKING, HE.....	2
2	PAOZZ	5310-00-550-1130	96906	MS35333-40	WASHER, LOCK.....	4
3	PAFZZ	5340-00-397-3317	19207	11684055	BRACKET, ENGINE ACCE.....	1
4	PAOZZ	5310-00-514-6674	96906	MS35335-34	WASHER, LOCK.....	4
5	PAOZZ	5306-00-225-9089	96906	MS90726-34	BOLT, MACHINE 5/16-24 X 1.000, UNF-2A, GRADE 5.....	2
6	PAOZZ	2920-00-487-9461	81640	5X7EG1	RELAY-SOLENOID, ENGI.....	1
7	PAOZZ	5306-00-068-0513	18876	PMS90727001-06	BOLT, MACHINE 1/4-28 X .750, UNF-2A, GRADE 8.....	2
8	PAOZZ	5306-00-050-1238	80204	B1821BH031F075N	BOLT, MACHINE 5/15-24 X .750, UNF-2A, GRADE 8.....	2

END OF FIGURE

Oil Pressure and Temperature Switches and Transmitters and Associated Parts



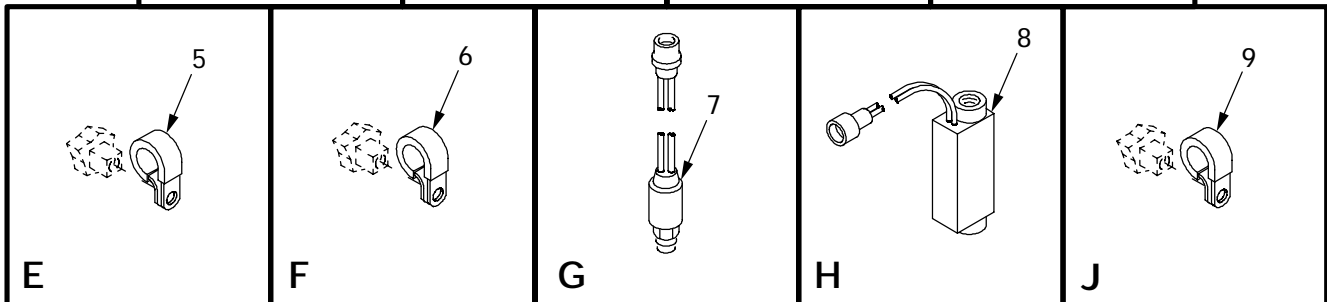
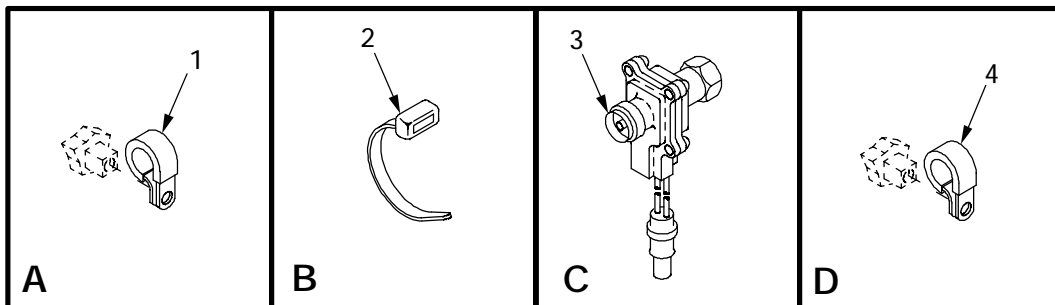
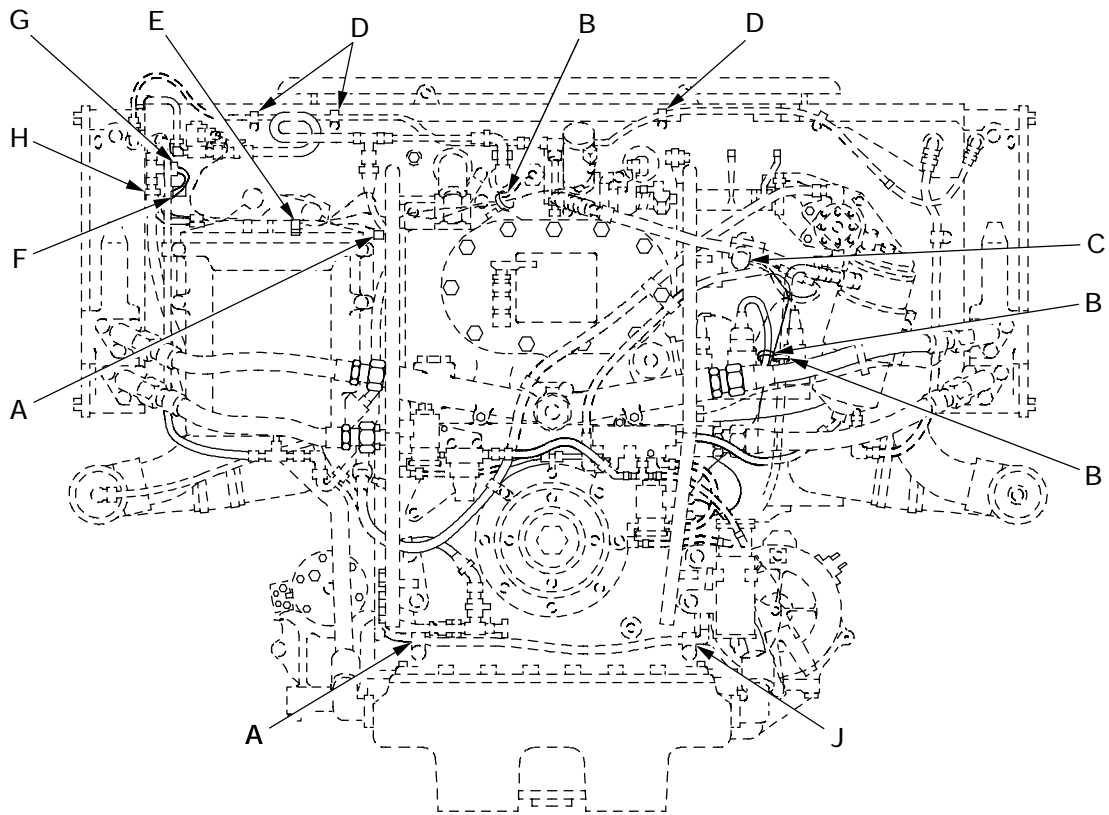
06i112

Figure 60. Oil Pressure and Temperature Switches and Transmitters and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0610 SENDING UNITS AND WARNING SWITCHES	
					FIGURE 60 OIL PRESSURE AND TEMPERATURE SWITCHES AND TRANSMITTERS AND ASSOCIATED PARTS	
1	PAOZZ	6685-00-814-5271	96906	MS24537-1	TRANSMITTER,TEMPERA.....	1
2	PAOZZ	6620-00-993-5546	19207	7416363	TRANSMITTER,PRESSUR.....	1
3	PAOZZ	5930-01-433-6617	14314	PE21D-15	SWITCH,PRESSURE.....	1
4	PAOZZ	5930-00-688-9882	81349	M12285/1-5	SWITCH,THERMOSTATIC.....	1

END OF FIGURE

Engine Electrical Installation



061153

Figure 61. Engine Electrical Installation

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0613 HULL OR CHASSIS WIRING HARNESS	
					FIGURE 61 ENGINE ELECTRICAL INSTALLATION	
1	PAOZZ	5340-00-725-5280	96906	MS21333-125	CLAMP, LOOP.....	2
2	PAOZZ	5975-00-074-2072	96906	MS3367-1-9	STRAP, TIEDOWN, ELECT.....	3
3	PAOZZ	6680-01-114-7653	19207	12258931-1	TACHOMETER, MECHANIC.....	1
4	PAOZZ	5340-00-067-3868	96906	MS21333-109	CLAMP, LOOP.....	3
5	PAOZZ	5340-00-854-6729	96906	MS21333-103	CLAMP, LOOP.....	1
6	PAOZZ	5340-00-088-6655	96906	MS21333-101	CLAMP, LOOP.....	1
7	PAOZZ	6685-01-167-4298	19207	12258932-6	TRANSMITTER, PRESSUR.....	1
8	PAOZZ	5930-01-148-8874	19207	12258938	SWITCH, PRESSURE.....	1
9	PAOZZ	5340-00-989-1771	96906	MS21333-123	CLAMP, LOOP.....	1

END OF FIGURE

Engine Electrical Installation

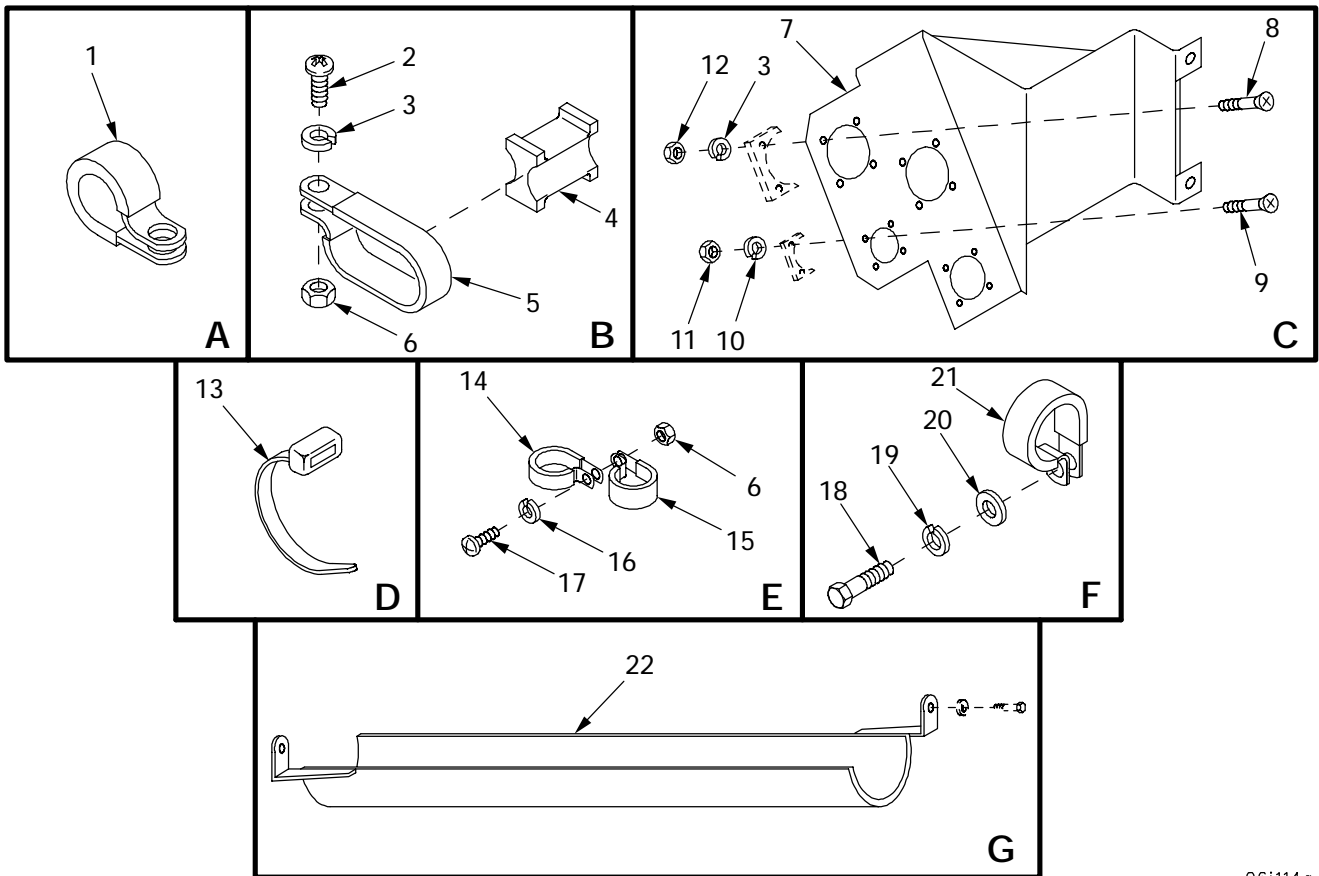
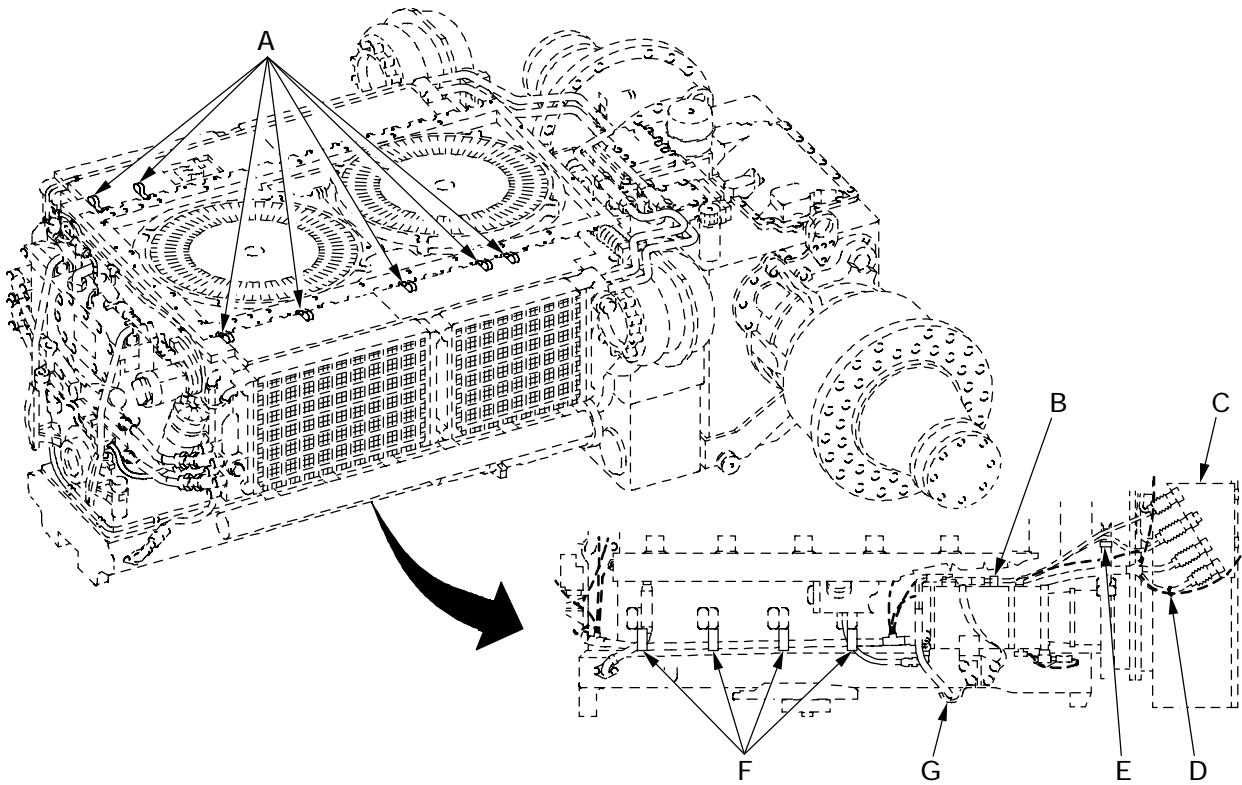


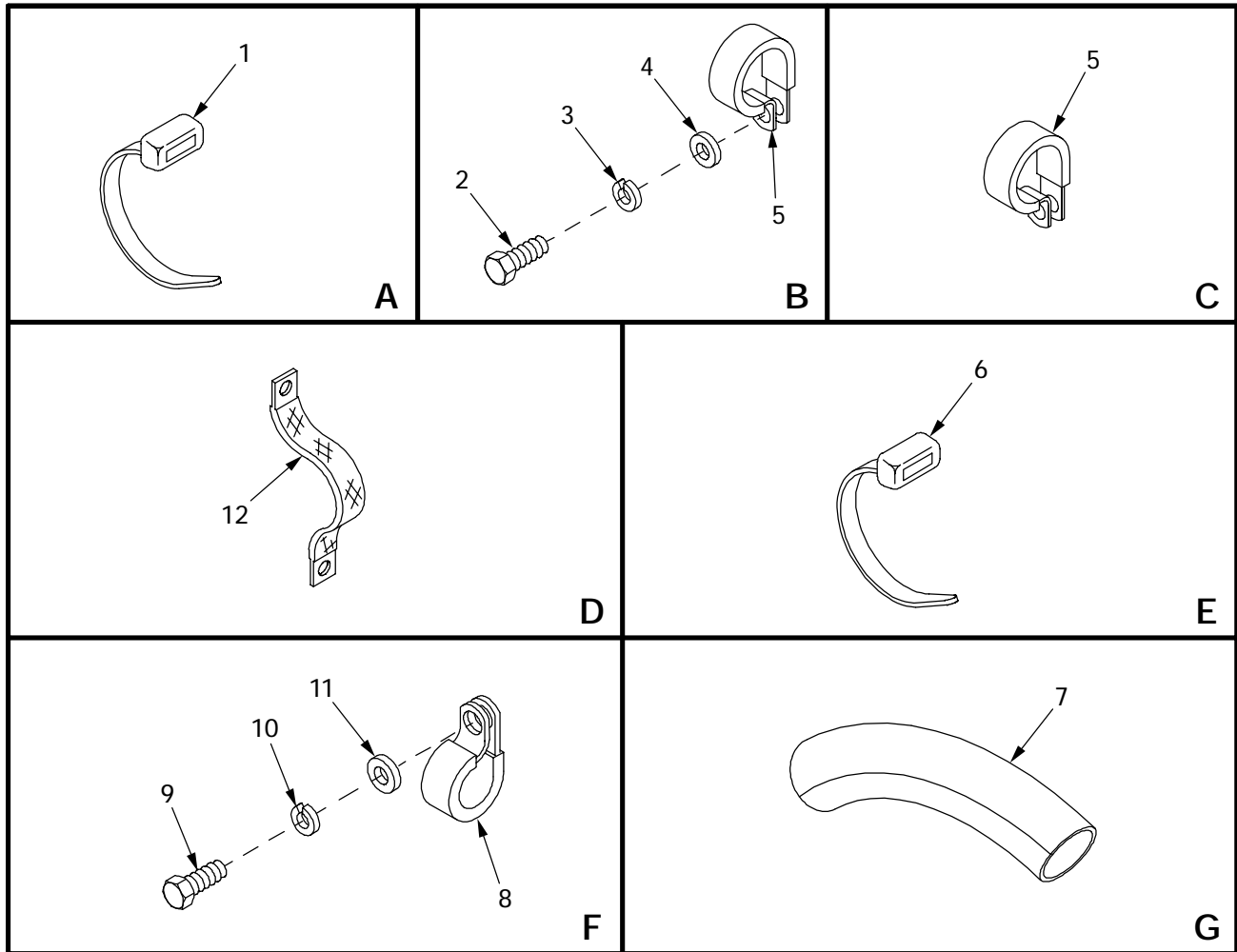
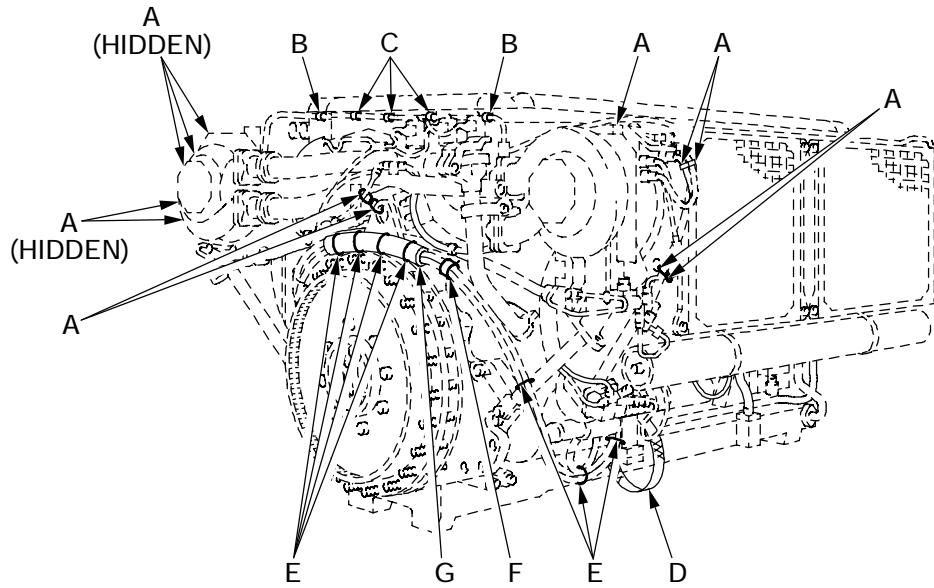
Figure 62. Engine Electrical Installation

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(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0613 HULL OR CHASSIS WIRING HARNES	
					FIGURE 62 ENGINE ELECTRICAL INSTALLATION	
1	PAOZZ	5340-00-057-3029	96906	MS21333-118	CLAMP, LOOP.....	7
2	PAOZZ	5305-00-989-7435	96906	MS35207-264	SCREW, MACHINE.....	1
3	PAOZZ	5310-00-045-3296	96906	MS35338-43	WASHER, LOCK.....	9
4	PAOZZ	5365-01-431-0619	06085	12366401	SPACER, SLEEVE.....	1
5	PAOZZ	5340-01-446-4889	80205	NAS1714C4-12N	CLAMP, HOSE.....	1
6	PAOZZ	5310-00-934-9751	96906	MS35650-302	NUT, PLAIN, HEXAGON.....	2
7	PBOZZ	5340-01-428-8998	06085	12448254	BRACKET, MOUNTING.....	1
8	PAOZZ	5305-00-614-0245	96906	MS35265-64	SCREW, MACHINE .1900-24 x .625, UNC-2A, STEEL (SHIPPED LOOSE)...	8
9	PAOZZ	5305-00-958-5451	96906	MS35190-239	SCREW, MACHINE.....	8
10	PAOZZ	5310-00-045-4007	96906	MS35338-41	WASHER, LOCK (SHIPPED LOOSE).....	8
11	PAOZZ	5310-00-934-9747	96906	MS35649-262	NUT, PLAIN, HEXAGON (SHIPPED LOOSE)..	8
12	PAOZZ	5310-00-934-9758	96906	MS35649-202	NUT, PLAIN, HEXAGON.....	8
13	PAOZZ	5975-00-074-2072	96906	MS3367-1-9	STRAP, TIEDOWN, ELECT.....	1
14	PAOZZ	5340-00-904-0933	96906	MS21333-80	CLAMP, LOOP.....	1
15	PAOZZ	5340-00-922-6301	96906	MS21333-79	CLAMP, LOOP.....	1
16	PAOZZ	5310-00-045-3299	96906	MS35338-42	WASHER, LOCK.....	1
17	PAOZZ	5305-00-993-1848	96906	MS35207-265	SCREW, MACHINE.....	1
18	PAOZZ	5306-00-225-9088	96906	MS90726-33	BOLT, MACHINE 5/16-24 X .875, UNF-2A, GRADE 5.....	4
19	PAOZZ		80204	W211NAA0031NN038 NNCG1	WASHER, LOCK.....	4
20	PAOZZ	5310-00-081-4219	96906	MS27183-12	WASHER, FLAT.....	4
21	PAOZZ	5340-00-988-1162	96906	MS21333-113	CLAMP, LOOP.....	4
22	PAOZZ	5340-01-424-7904	02978	653254	BRACKET, MOUNTING SU.....	1

END OF FIGURE

Engine Electrical Installation



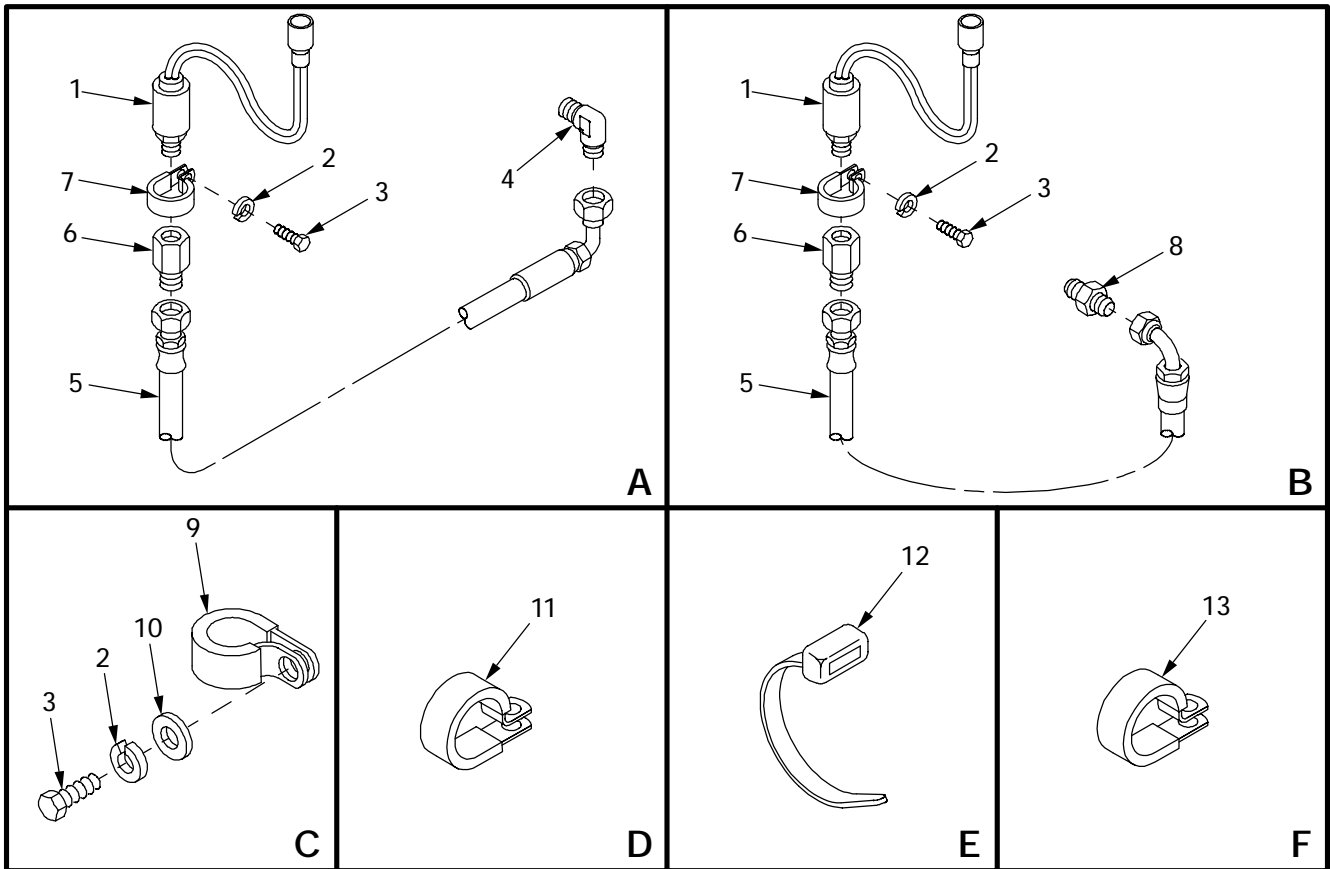
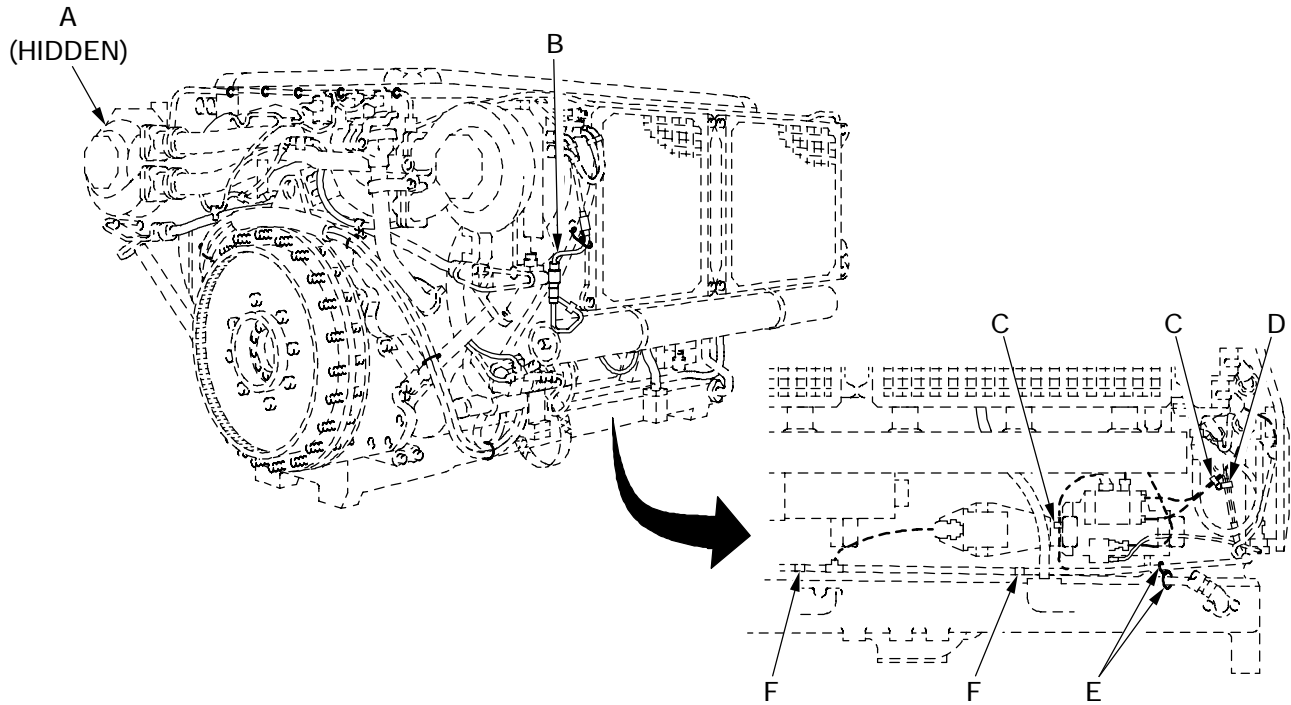
06i115

Figure 63. Engine Electrical Installation

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0613 HULL OR CHASSIS WIRING HARNES	
					FIGURE 63 ENGINE ELECTRICAL INSTALLATION	
1	PAOZZ	5975-00-074-2072	96906	MS3367-1-9	STRAP, TIEDOWN, ELECT.....	12
2	PAOZZ		80204	S210NA38FAK19354 BNCG1	SCREW 3/8-24 X 1.250, UNF-2A, GRADE 8	2
3	PAOZZ	5310-00-637-9541	80204	W211NAA0037NN038 NNCG1	WASHER, LOCK.....	2
4	PAOZZ	5310-00-776-7318	19207	7767318	WASHER, FLAT.....	2
5	PAOZZ	5340-00-050-9077	96906	MS21333-119	CLAMP, LOOP.....	5
6	PAOZZ	5975-00-451-5001	96906	MS3367-3-9	STRAP, TIEDOWN, ELECT.....	7
7	PAOZZ	5340-01-437-3218	2E358	01858	CUSHION, ARCHED.....	1
8	PAOZZ	5340-01-133-4044	19207	7057332-4	CLAMP, LOOP.....	1
9	PAOZZ	5306-00-050-1238	80204	B1821BH031F075N	BOLT, MACHINE 5/16-24 X .750, UNF-2A, GRADE 8.....	1
10	PAOZZ		80204	W211NAA0031NN038 NNCG1	WASHER, LOCK.....	1
11	PAOZZ	5310-01-336-5350	96906	MS27183-54	WASHER, FLAT.....	1
12	PAOZZ	6150-01-008-1441	19207	11682595-2	LEAD, ELECTRICAL.....	2

END OF FIGURE

Engine Electrical Installation



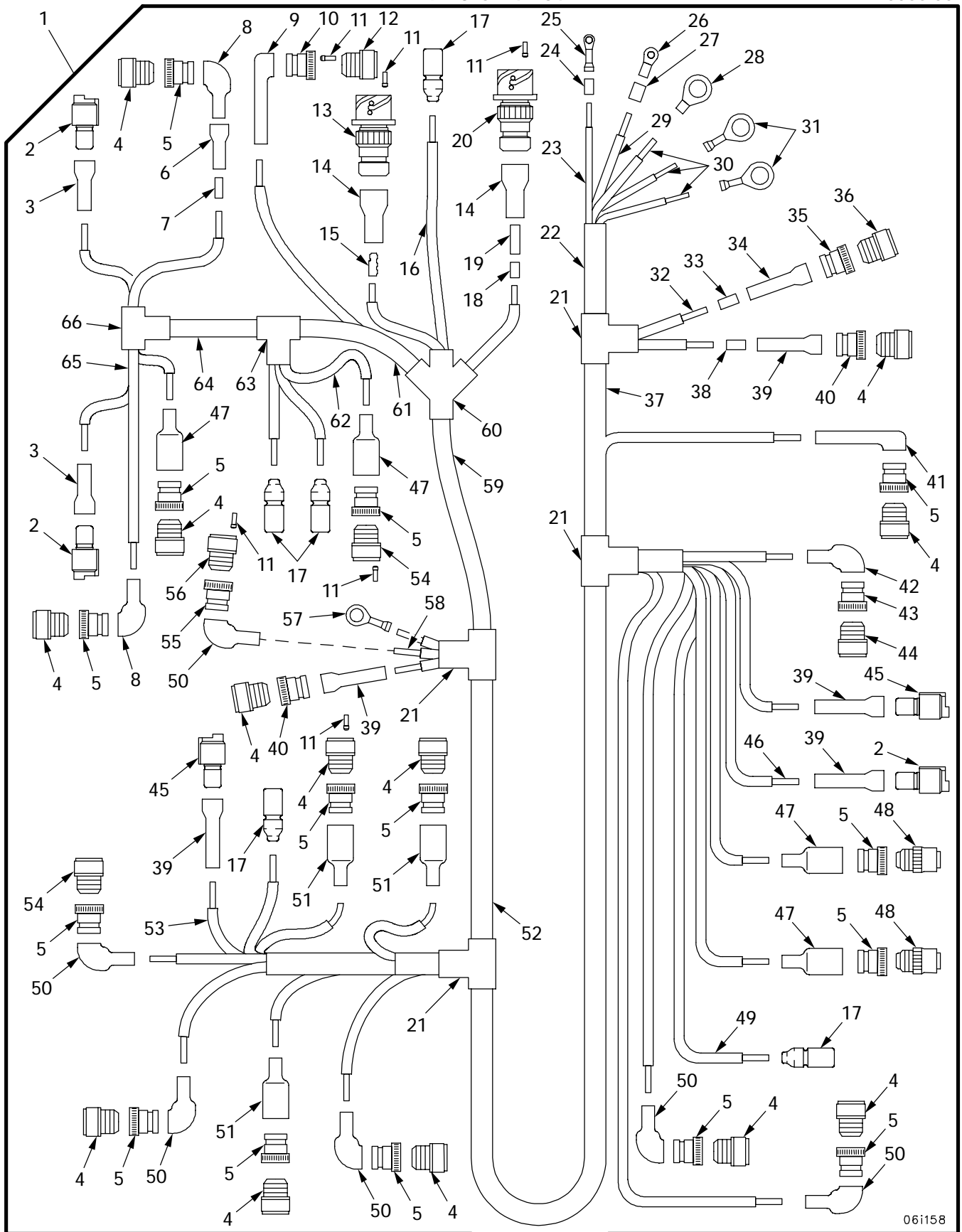
06115a

Figure 64. Engine Electrical Installation

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0613 HULL OR CHASSIS WIRING HARNES	
					FIGURE 64 ENGINE ELECTRICAL INSTALLATION	
1	PAOZZ	6620-01-373-5894	19207	12258932-5	TRANSMITTER,PRESSUR.....	2
2	PAOZZ		80204	W211NAA0031NN038 NNCG1	WASHER,LOCK.....	4
3	PAOZZ	5306-00-050-1238	80204	B1821BH031F075N	BOLT,MACHINE 5/16-24 X .750,UNF-2A,GRADE 8.....	4
4	PAOZZ	4730-00-647-3207	96906	MS51504A4	ELBOW,PIPE TO TUBE.....	1
5	PAOZZ	4720-00-590-5249	96906	MS8005E076C	HOSE ASSEMBLY,NONME.....	2
6	PAOZZ	4730-00-802-2818	81343	4-4 070103CA	ADAPTER,STRAIGHT,PI.....	2
7	PAOZZ	5340-00-702-2848	96906	MS21333-128	CLAMP,LOOP.....	2
8	PAOZZ	4730-00-289-0383	96906	MS51500A4	ADAPTER,STRAIGHT,PI.....	1
9	PAOZZ	5340-00-067-3868	96906	MS21333-109	CLAMP,LOOP.....	2
10	PAOZZ	5310-00-081-4219	96906	MS27183-12	WASHER,FLAT.....	2
11	PAOZZ	5340-00-057-3043	96906	MS21333-112	CLAMP,LOOP.....	1
12	PAOZZ	5975-00-074-2072	96906	MS3367-1-9	STRAP,TIEDOWN,ELECT.....	2
13	PAOZZ	5340-00-964-5267	96906	MS21333-120	CLAMP,LOOP.....	2

END OF FIGURE

Signal Harness Cable and Associated Parts



06i158

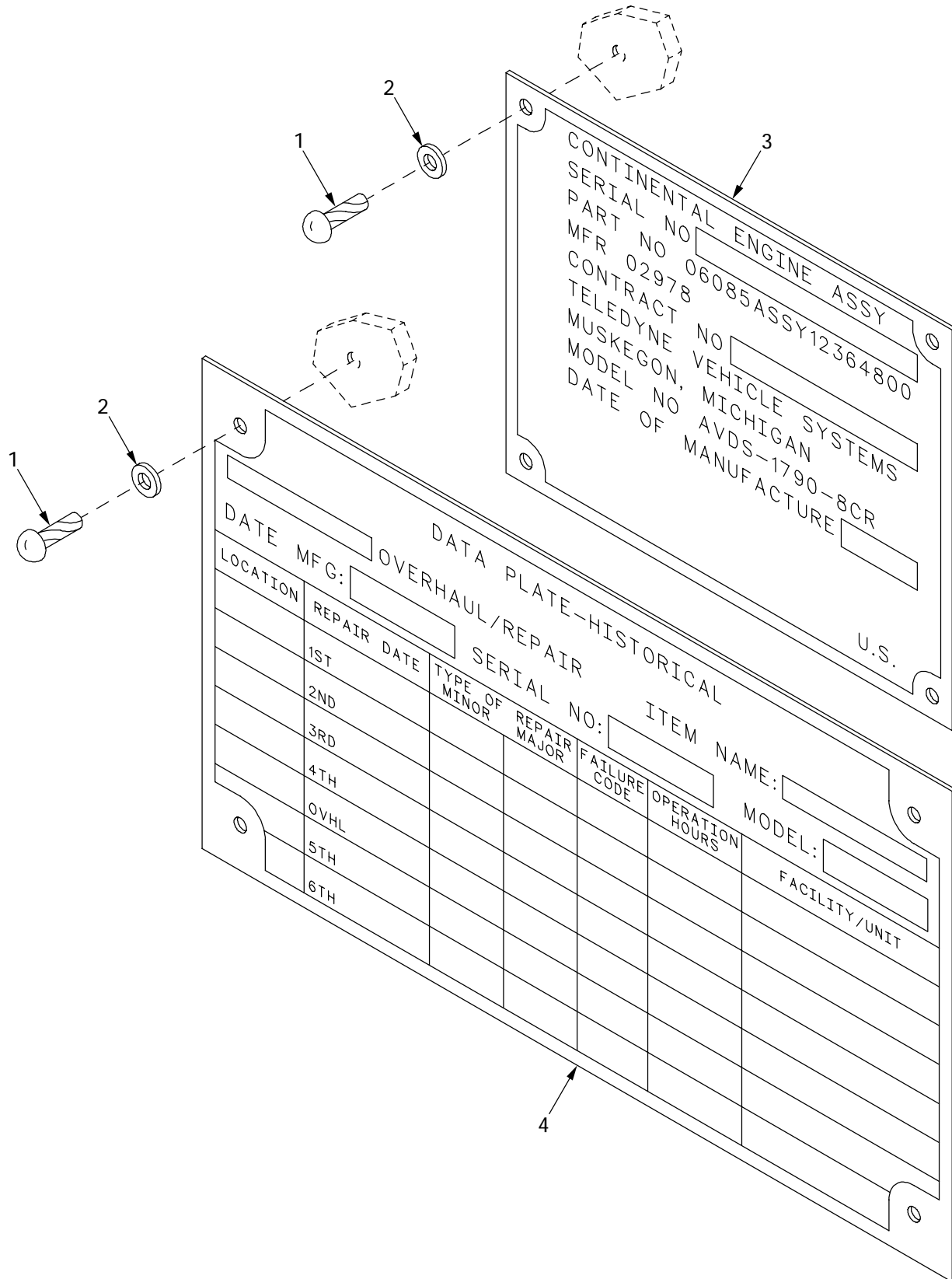
Figure 65. Signal Harness Cable and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 0613 HULL OR CHASSIS WIRING HARNES	
					FIGURE 65 SIGNAL HARNES CABLE AND ASSOCIATED PARTS	
1	PBOO	6150-01-422-4208	02978	E8CR128-0090	WIRING HARNES,BRAN.....	1
2	PAOZZ	5935-01-154-6233	19207	12258940-4	.CONNECTOR,PLUG,ELEC.....	3
3	PAOZZ	5975-01-343-2770	06090	202F211-50	.BOOT,DUST AND MOIST.....	2
4	PAOZZ	5935-00-509-6194	96906	MS3456W10SL-4S	.CONNECTOR,PLUG,ELEC.....	13
5	PAOZZ	5935-01-244-6743	81349	M85049/60-2G10W	.ADAPTER,CABLE CLAMP.....	15
6	PAOZZ	5340-01-113-1182	06090	202E334-51	.BOOT,DUST AND MOIST.....	1
7	PAOZZ	5940-00-266-8425	81349	M81824/1-3	.SPLICE,CONDUCTOR.....	32
8	PAOZZ	5970-01-432-6466	96906	MS3117-12CU	.INSULATION SLEEVING.....	2
9	PAOZZ	5975-01-083-5736	06090	222F242-51	.CABLE NIPPLE,ELECTR.....	1
10	PAOZZ	5935-01-274-7037	81349	M85049/60-1W16	.ADAPTER,CABLE CLAMP.....	1
11	PAOZZ	5935-00-235-8970	96906	MS27488-16	.PLUG,END SEAL,ELECT.....	16
12	PAOZZ	5935-01-026-5872	96906	MS3456W16-10S	.CONNECTOR,PLUG,ELEC.....	1
13	PAOZZ	5935-01-435-5196	55561	CIR030GFP2428PF8 0	.CONNECTOR,RECEPTACL.....	1
14	PAOZZ	5970-01-433-5589	06090	202F263-50	.INSULATION SLEEVING.....	2
15	PAOZZ	5940-01-135-7080	81349	M83519/2-2	.SPLICE,CONDUCTOR.....	4
16	PAOZZ		02978	E9AR128-126-019	.INSULATION SLEEVING .1875 DIA.,63 INCHES.....	V
17	PAOZZ	5935-00-115-2307	96906	MS27144-2	.CONNECTOR,PLUG,ELEC.....	5
18	PAOZZ	5970-00-484-2813	81349	M23053/8-010-C	.INSULATION SLEEVING 6.00 INCHES...	V
19	PAOZZ	5940-01-135-7081	81349	M83519/2-3	.SPLICE,CONDUCTOR.....	4
20	PAOZZ	5935-01-435-5194	55561	CIR030GFP2821SF8 0	.CONNECTOR,RECEPTACL.....	1
21	PAOZZ	4730-01-216-8641	19207	12273162-210	.TEE,TUBE.....	4
22	PAOZZ	5970-12-151-4455	06090	DR-25 3/4-0	.INSULATION SLEEVING .750 DIA.,77.50 INCHES.....	V
23	PAOZZ	5970-12-151-4505	06090	DR-25 1/4-0	.INSULATION SLEEVING .250 DIA.,452.30 INCHES.....	V
24	PAOZZ	5970-00-935-0082	81349	M23053/8-006-C	.INSULATION SLEEVING 18.00 INCHES..	V
25	PAOZZ	5940-00-107-1481	96906	MS20659-104	.TERMINAL,LUG.....	1
26	PAOZZ	5940-00-113-9824	96906	MS20659-107	.TERMINAL,LUG.....	1
27	PAOZZ	5970-00-994-1160	81349	M23053/8-008-C	.INSULATION SLEEVING 6.00 INCHES...	V
28	PAOZZ	5940-00-114-1315	96906	MS20659-142	.TERMINAL,LUG.....	1
29	PAOZZ	5970-12-151-4504	06090	DR-25 3/8-0	.INSULATION SLEEVING .375 DIA.,19 INCHES.....	V
30	PAOZZ	6145-01-322-5000	81349	M22759/41-16-9	.WIRE,ELECTRICAL.....	V
31	PAOZZ	5940-00-113-3148	96906	MS20659-164	.TERMINAL,LUG.....	2
32	PAOZZ	6145-00-251-0189	81349	M81044/9-8-9	.WIRE,ELECTRICAL.....	V
33	PAOZZ	5970-00-223-8318	81349	M23053/8-009-C	.INSULATION SLEEVING 6 INCHES.....	V
34	PAOZZ	5970-01-054-6699	81349	M85049/68-1B15U	.INSULATION SLEEVING.....	1
35	PAOZZ	5935-01-259-5549	81349	M85049/60-1W22	.ADAPTER,CABLE CLAMP.....	1
36	PAOZZ	5935-01-259-4846	96906	MS3456W22-4S	.CONNECTOR,PLUG,ELEC.....	1
37	PAOZZ	5970-01-176-6892	81349	M23053/16-003-0	.INSULATION SLEEVING .500 DIA.,44.50 INCHES.....	V
38	PAOZZ	5970-00-935-0130	81349	M23053/8-007-C	.INSULATION SLEEVING 44.00 INCHES..	V
39	PAOZZ	5975-01-094-4698	06090	202F211-51	.CABLE NIPPLE,ELECTR.....	5
40	PAOZZ	5935-01-239-8951	81349	M85049/60-1W10	.ADAPTER,CABLE CLAMP.....	2
41	PAOZZ	5970-01-116-0284	06090	222F221-51	.INSULATION SLEEVING.....	1
42	PAOZZ	5970-01-084-4088	96906	MS3117-13BU	.INSULATION SLEEVING.....	1
43	PAOZZ	5935-01-233-3416	81349	M85049/60-2G12W	.ADAPTER,CABLE CLAMP.....	1
44	PAOZZ	5935-00-543-0207	96906	MS3456W12S3S	.CONNECTOR,PLUG,ELEC.....	1
45	PAOZZ	5935-01-149-5165	11083	7N9738	.CONNECTOR BODY,PLUG.....	2
46	PAOZZ	6145-00-144-0121	81349	M27500-22RC4S06	.CABLE,SPECIAL PURPO.....	V
47	PAOZZ	5970-01-432-6467	96906	MS3109-12CU	.INSULATION SLEEVING.....	4
48	PAOZZ	5935-01-146-3009	96906	MS3459W10SL4S	.CONNECTOR,PLUG,ELEC.....	2
49	PAOZZ	5970-01-168-0247	06090	DR-25-3/16-0-SP	.INSULATION SLEEVING .1875 DIA.,28.50 INCHES.....	V
50	PAOZZ	5970-01-234-1020	96906	MS3117-12BU	.INSULATION SLEEVING.....	6

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
51	PAOZZ	5970-01-126-4880	96906	MS3109-12BU	.INSULATION SLEEVING.....	3
52	PAOZZ		02978	E8CR128-016-100	.INSULATION SLEEVING 1.00 DIA.,34 INCHES.....	V
53	PAOZZ	6145-01-326-4726	81349	M27500-16RC2S06	.CABLE,POWER,ELECTRI.....	V
54	PAOZZ	5935-00-534-7553	96906	MS3456W10SL3S	.CONNECTOR,PLUG,ELEC.....	2
55	PAOZZ	5935-01-219-5462	81349	M85049/60-1W14	.ADAPTER,CABLE CLAMP.....	1
56	PAOZZ	5935-01-093-7259	96906	MS3456W14S-2P	.CONNECTOR,PLUG,ELEC.....	1
57	PAOZZ	5940-00-113-3147	96906	MS20659-127	.TERMINAL,LUG.....	1
58	PAOZZ	6145-00-144-0123	81349	M27500-16RC1S06	.CABLE,POWER,ELECTRI.....	V
59	PAOZZ	5970-01-136-3209	81349	M23053/13-008-0	.INSULATION SLEEVING 1.00 DIA.,72 INCHES.....	V
60	PAOZZ	5970-01-344-0721	06090	462A422-50	.INSULATION SLEEVING.....	1
61	PAOZZ	5970-01-023-8658	06090	VITON 3/16IN	.INSULATION SLEEVING 22 INCHES.....	V
62	PAOZZ	5970-01-159-8667	81349	M23053/13-002-0	.INSULATION SLEEVING .250 DIA.,97 INCHES.....	V
63	PAOZZ	5970-01-433-5585	06090	301A512-50/131	.INSULATION SLEEVING.....	1
64	PAOZZ	5640-01-444-0191	02978	E9AR128-126-062	.INSULATION SLEEVING .625 DIA.,35 INCHES.....	V
65	PAOZZ		02978	E9AR128-126-038	.INSULATION SLEEVING .375 DIA.,59.50 INCHES.....	V
66	PAOZZ	5970-01-433-5588	06090	301A511-50/131	.INSULATION SLEEVING.....	1

END OF FIGURE

Identification Plates and Associated Parts



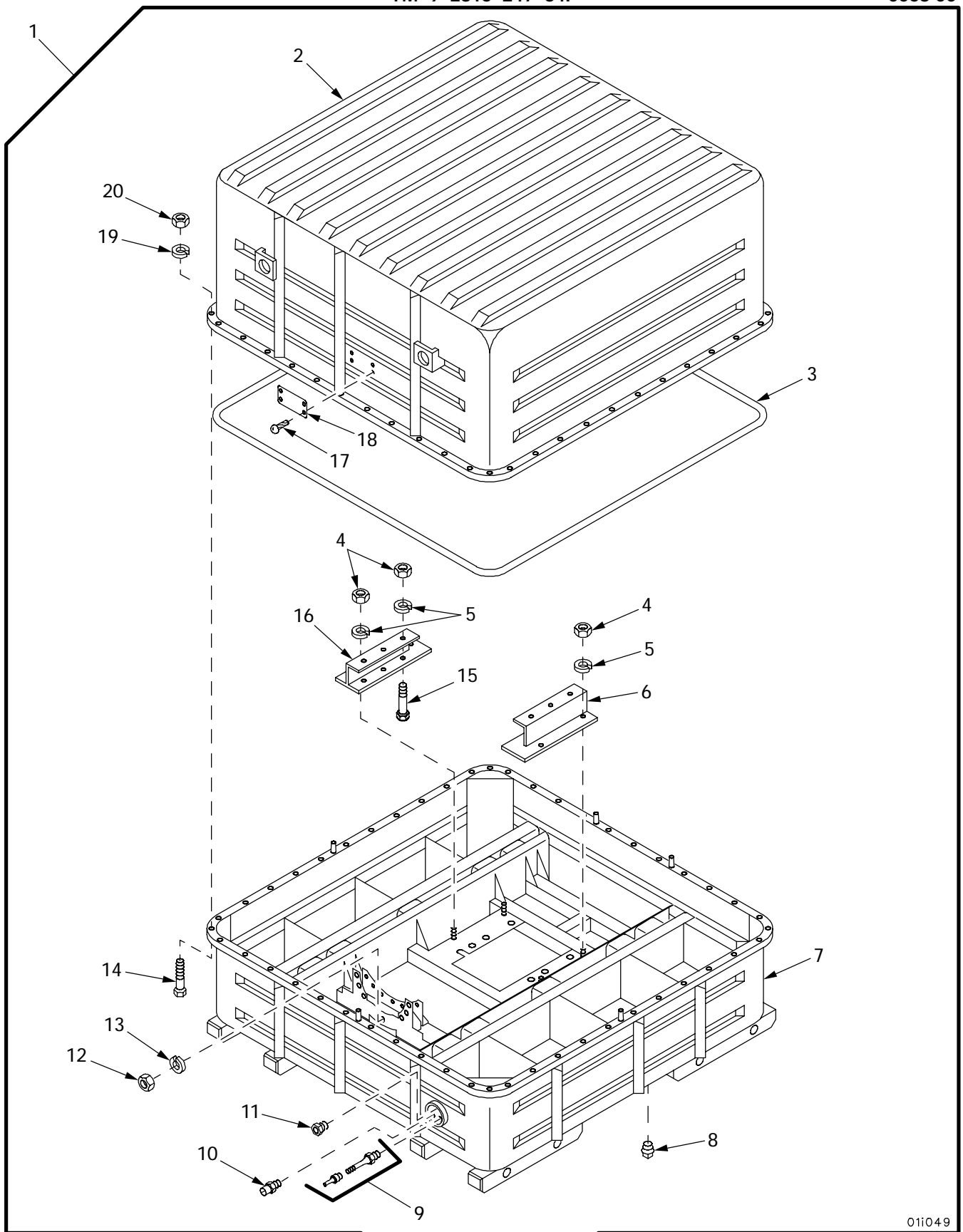
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Figure 66. Identification Plates and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 22 BODY CHASSIS OR HULL ACCESSORY ITEMS	
					GROUP 2210 DATA PLATES AND	
					INSTRUCTION HOLDERS	
					FIGURE 66 IDENTIFICATION PLATES	
					AND ASSOCIATED PARTS	
1	PAHZZ	5305-00-253-5618	96906	MS21318-27	SCREW,DRIVE .1380, 16 DRIVE X .334, STEEL.....	8
2	PAHZZ	5310-00-167-0816	88044	AN960-6	WASHER,FLAT.....	8
3	PAHZZ	9905-01-435-2410	02978	E9A100-004-8	PLATE,IDENTIFICATIO.....	1
4	PAHZZ	9905-01-292-9065	19207	12354391	PLATE,IDENTIFICATIO.....	1

END OF FIGURE

Engine Shipping and Storage Container



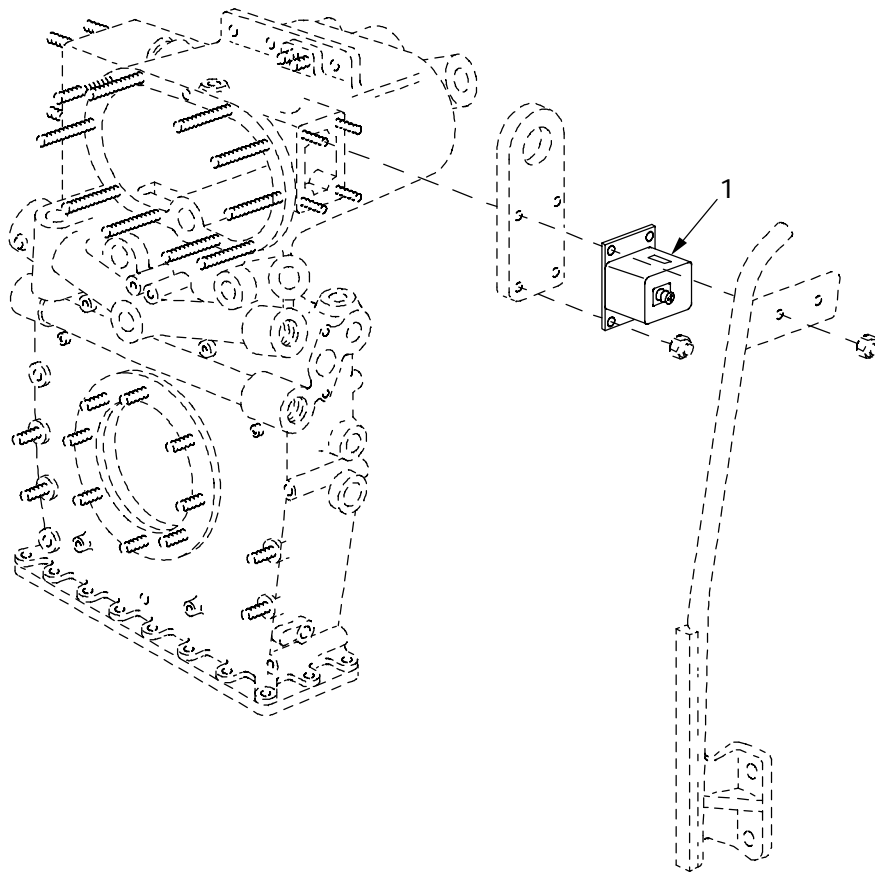
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Figure 67. Engine Shipping and Storage Container

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 33 SPECIAL PURPOSE KITS	
					GROUP 3301 REUSABLE SHIPPING CONTAINERS	
					FIGURE 67 ENGINE SHIPPING AND STORAGE CONTAINER	
1	PAFDD	8145-00-856-8147	19207	10912269	SHIPPING AND STORAG.....	1
2	XADZZ		19207	10912298	.CONTAINER,UPPER SEC.....	1
3	PADZZ	5330-00-493-2938	19207	10912270	.GASKET.....	1
4	PADZZ	5310-00-763-8901	96906	MS51968-23	.NUT,PLAIN,HEXAGON.....	10
5	PADZZ	5310-00-584-7888	96906	MS35338-51	.WASHER,LOCK.....	10
6	XADZZ		19207	10951230	.BRACKET,ENGINE MOUN.....	1
7	XADZZ		19207	10912271	.CONTAINER,LOWER SEC.....	1
8	PADZZ	4730-00-221-2140	96906	MS20913-6S	.PLUG,PIPE.....	2
9	PADZZ	4820-00-620-8123	65493	C13A	.VALVE,SAFETY RELIEF.....	1
10	PADZZ	4820-00-242-4064	27783	006451499	.VALVE,PNEUMATIC TAN.....	1
11	PADZZ	6685-00-618-1822	00334	SK2155	.INDICATOR,HUMIDITY.....	1
12	PADZZ	5310-00-732-0560	96906	MS51968-14	.NUT,PLAIN,HEXAGON.....	7
13	PADZZ	5310-00-834-7606	96906	MS35340-48	.WASHER,LOCK.....	7
14	PADZZ	5305-00-724-7223	80204	B1821BH063C225N	.SCREW,CAP,HEXAGON H 5/8-11 X 2.250,UNC-2A,GRADE 8.....	48
15	PADZZ	5306-00-678-4262	19207	10863824	.BOLT,MACHINE 3/4-16 x 7.000,UNF-2A,GRADE 8.....	6
16	XADZZ		19207	10951231	.BRACKET,ENGINE MOUN.....	1
17	PADZZ	5305-00-253-5625	96906	MS21318-46	.SCREW,DRIVE .0179,16 DRIVE X .375,STEEL.....	4
18	PADZZ	9905-00-901-2942	19207	7973326	.PLATE,IDENTIFICATIO.....	1
19	PADZZ		80204	W211NAA0062NN038 NNCG1	.WASHER,LOCK.....	48
20	PADZZ	5310-00-763-8920	96906	MS51967-20	.NUT,PLAIN,HEXAGON.....	48

END OF FIGURE

Engine Timing Meter



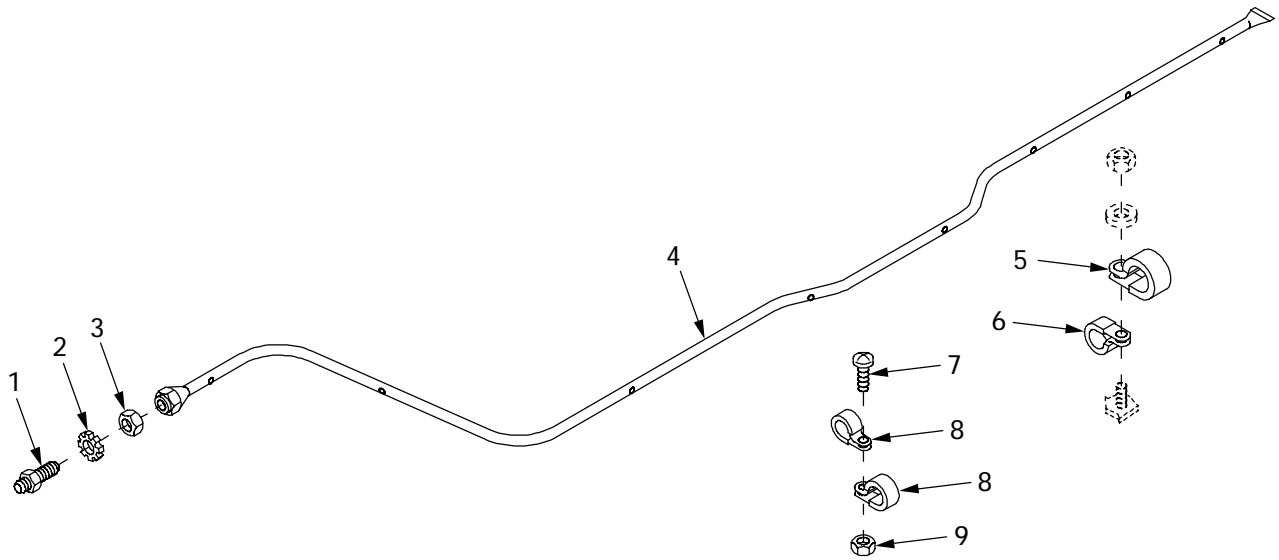
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Figure 68. Engine Timing Meter

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 42 INSTRUMENTS GROUP 4210 INSTRUMENTS FIGURE 68 ENGINE TIMING METER	
1	PAHZZ	6645-00-420-5072	19207	11640392	METER, TIME TOTALIZI.....	1

END OF FIGURE

Fire Extinguisher Tube and Associated Parts



011050

Figure 69. Fire Extinguisher Tube and Associated Parts

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 76 FIRE FIGHTING EQUIPMENT COMPONENTS	
					GROUP 7639 FIXED FIRE FIGHTING EQUIPMENT (VEHICULAR)	
					FIGURE 69 FIRE EXTINGUISHER TUBE AND ASSOCIATED PARTS	
1	PAFZZ	4730-00-933-3138	19207	8761555	ADAPTER, STRAIGHT, PI.....	1
2	PAFZZ	5310-00-275-3683	96906	MS35335-40	WASHER, LOCK.....	1
3	PAFZZ	5310-00-208-5775	81343	AS5178-08	NUT, PLAIN, HEXAGON.....	1
4	PAFZZ	4710-00-150-6187	19207	8761131	TUBE ASSEMBLY, METAL.....	1
5	PAFZZ	5340-00-053-8994	96906	MS21333-126	CLAMP, LOOP.....	2
6	PAFZZ	5340-00-989-1771	96906	MS21333-123	CLAMP, LOOP.....	2
7	PAFZZ	5305-00-993-1851	96906	MS35207-267	SCREW, MACHINE .1900-32 X 1.000, UNF-2A, STEEL.....	1
8	PAFZZ	5340-00-091-3790	96906	MS21333-72	CLAMP, LOOP.....	2
9	PAFZZ	5310-00-877-5797	96906	MS21044N3	NUT, SELF-LOCKING, HE.....	1

END OF FIGURE

Repair Kits

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
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GROUP 94 REPAIR KITS
 GROUP 9401 REPAIR KITS
 FIGURE KITS REPAIR KITS

PAHZZ 5330-01-433-5855 02978 E8CR100-013

PARTS KIT,SEAL REPL.....

V

GASKET	(1)	1-1
O-RING	(1)	1-11
GASKET	(1)	1-22
PACKING MATERIAL	(V)	2-35
GASKET	(1)	2-36
PACKING WITH RETAIN	(4)	5-10
SCREW	(1)	
O-RING	(12)	5-24
O-RING	(1)	
SEAL, PLAIN	(1)	6-5
GASKET	(1)	
O-RING	(6)	8-20
GASKET	(2)	9-3
O-RING	(2)	10-7
PACKING, PREFORMED	(2)	10-8
GASKET	(2)	10-25
GASKET	(2)	10-27
PACKING, PREFORMED	(2)	10-29
GASKET	(2)	10-38
O-RING	(2)	
SPACER	(1)	
INSERT, FLINGER SLEE	(1)	
SLEEVE, FINGER	(1)	
PISTON RING	(3)	
BEARING, WASHER, THRU	(1)	
LOCKING PLATE, NUT A	(4)	
PACKING, PREFORMED	(1)	
SCREW, MACHINE	(3)	
BEARING, SLEEVE	(1)	
WASHER, KEY	(1)	
LEVER ASSEMBLY, FUEL	(1)	
YOKE ASSEMBLY	(1)	
WASHER	(1)	
GASKET	(2)	16-8
GASKET	(1)	16-11
GASKET	(1)	16-17
O-RING	(2)	18-1
O-RING	(1)	18-2
O-RING	(4)	
GASKET	(1)	18-5
GASKET	(1)	18-14
GASKET	(2)	18-15
WASHER, FLAT	(1)	
GASKET	(14)	25-1
GASKET	(4)	25-5
GASKET	(12)	27-4
PACKING, PREFORMED	(12)	27-19
O-RING	(1)	
SEAL, PLAIN	(2)	28-4
O-RING	(1)	28-32
O-RING	(2)	28-33
GASKET	(1)	28-39
GASKET	(2)	28-40
BOLT, INTERNAL WRENC	(1)	
BOLT, INTERNAL WRENC	(5)	
O-RING	(2)	29-4
O-RING	(1)	29-10
O-RING	(2)	
O-RING	(2)	
SEAL, PLAIN ENCASED	(1)	29-12
GASKET	(1)	29-15
GASKET	(1)	29-24

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					O-RING (2)	31-4
					SEAL,PLAIN ENCASED (1)	31-10
					PACKING,PREFORMED (7)	31-12
					PACKING WITH RETAIN(2)	31-28
					O-RING (1)	32-4
					SEAL,PLAIN ENCASED (1)	32-8
					GASKET (1)	32-9
					CAM, CONTROL (1)	
					GASKET (1)	34-2
					GASKET (1)	
					PACKING,PREFORMED (1)	
					GASKET (1)	
					WASHER, FLAT (2)	
					NUT, PLAIN, SINGLE BA(1)	
					SPACER, ADJUSTING (1)	
					SPACER (1)	
					SPACER, ADJUSTING (1)	
					SPACER, ADJUSTING (1)	
					WASHER, FLAT (1)	
					SPACER, ADJUSTING (1)	
					O-RING (1)	34-9
					PIN, PIVOT (1)	
					O-RING (1)	34-11
					GASKET (1)	
					GASKET (1)	
					GASKET (1)	
					GASKET (1)	
					GASKET (1)	
					GASKET (1)	
					SPACER, RING (1)	
					WASHER, FLAT (1)	
					SPACER, GOVERNOR, FUE(1)	
					WASHER, FLAT (1)	
					WASHER, FLAT (1)	
					SPACER, RING (1)	
					SPACER, RING (1)	
					O-RING (12)	34-17
					O-RING (1)	35-2
					O-RING (4)	
					O-RING (2)	
					SEAL, ANTIPIILFERAGE (1)	
					SEAL, ANTIPIILFERAGE (1)	
					WASHER, LOCK (1)	
					WASHER, LOCK (1)	
					PARTS KIT, ENGINE FU(V)	
					SEAL, PLAIN ENCASED (2)	
					GASKET (2)	40-11
					GASKET (2)	40-23
					WASHER, FLAT (1)	
					O-RING (1)	
					O-RING (1)	
					SCREW, MACHINE (2)	
					GASKET (1)	47-6
					GASKET (1)	47-14
					SEAL, PLAIN ENCASED (1)	47-21
					SEAL, PLAIN ENCASED (1)	47-25
					PACKING, PREFORMED (2)	53-14
					PACKING, PREFORMED (1)	54-23
					PACKING, PREFORMED (1)	54-24
					WICK (1)	
					CAP, PROTECTIVE, DUST(1)	
					CAP, PROTECTIVE, DUST(1)	
					PARTS KIT, ELECTRICA(V)	
					INSULATOR, BUSHING (V)	
					WASHER, FLAT (1)	
					WICK (1)	
					WASHER, FLAT (2)	

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					WICK (1)	
					CAP, PROTECTIVE, DUST(1)	
					PARTS KIT, ELECTRICA(V)	
					BOLT, MACHINE (4)	
					SPRING, HELICAL, COMP(1)	
					GASKET (4)	
					O-RING (1)	
					O-RING (1)	
					O-RING (1)	
					PARTS KIT, METERING (V)	
					BEARING, WASHER, THRU(2)	
					PARTS KIT, METERING (V)	
					PARTS KIT, FLUID PRE(V)	
					SEAL, PLAIN ENCASED (1)	
					BELLOWS, PROTECTION (1)	
					GASKET (1)	
					PACKING WITH RETAIN(1)	
					O-RING (3)	
					O-RING (2)	
					O-RING (1)	
					CLAMP, HOSE (1)	
					SHIM (1)	
					SHIM (1)	
					SHIM (1)	
					PARTS KIT, TERMINAL, (V)	
					GASKET AND PREFORME(V)	
					PARTS KIT, FUEL INJE(V)	
					PARTS KIT, FUEL INJE(V)	
					PARTS KIT, SUPERCHAR(V)	
					PARTS KIT, ELECTRICA(V)	
					PARTS KIT, ELECTRICA(V)	
					PARTS KIT, ELECTRICA(V)	
					PARTS KIT, FLUID PRE(V)	
					PARTS KIT, ELECTRICA(V)	
					PARTS KIT, ELECTRICA(V)	
					PARTS KIT, ELECTRICA(V)	
					PARTS KIT, ELECTRICA(V)	
					GASKET AND PREFORME(V)	
PAHZZ	3120-01-436-3954		02978	E8CR104-0030	PARTS KIT, BEARING R.....	V
					BEARING HALF, SLEEVE(24) 8-19	
PAHZZ	3120-01-436-3363		02978	E8CR104-0040	PARTS KIT, BEARING R.....	V
					BEARING HALF, SLEEVE(24) 8-19	
PAHZZ	3120-01-436-3366		02978	E8CR104-0050	PARTS KIT, BEARING R.....	V
					BEARING HALF, SLEEVE(24) 8-19	
XDDZZ			02978	E8CR104-0060	RING SET, PISTON.....	V
					RING, PISTON (12) 8-10	
					RING, PISTON (12) 8-11	
					RING, PISTON (24) 8-12	
XDDZZ			02978	E8CR104-0070	RING SET, PISTON.....	V
					RING, PISTON (12) 8-10	
					RING, PISTON (12) 8-11	
					RING, PISTON (24) 8-12	
XDDZZ			02978	E8CR104-0080	RING SET, PISTON.....	V
					RING, PISTON (12) 8-10	
					RING, PISTON (12) 8-11	
					RING, PISTON (24) 8-12	
XDDZZ			02978	E8CR104-0090	RING SET, PISTON.....	V
					RING, PISTON (12) 8-10	
					RING, PISTON (12) 8-11	
					RING, PISTON (24) 8-12	
PAHZZ	3020-01-434-0191		02978	E8CR129-0050	GEAR SET, BEVEL, MATC.....	V
					GEARSHAFT, BEVEL (1) 53-8	
					GEARSHAFT, BEVEL (2) 53-21	
PAHZZ	3020-01-434-0185		02978	E8CR129-0090	GEAR SET, BEVEL, MATC.....	V
					GEARSHAFT, BEVEL (1) 54-31	

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
PAHZZ	2815-01-434-5179	02978	E9AR104-0070	RING SET,PISTON.....	V	
				RING,PISTON (12) 8-10		
				RING,PISTON (12) 8-11		
				RING,PISTON (24) 8-12		
PAHZZ	3020-01-434-0667	02978	E9AR105-0010	GEAR SET,BEVEL,MATC.....	V	
				GEARSHAFT,BEVEL (1) 10-5		
				GEARSHAFT,BEVEL (2) 10-33		
				GEARSHAFT,BEVEL (1) 11-5		
PAHZZ	3120-00-678-3230	19207	5702616	BEARING HALF SET,SL.....	V	
				BEARING HALF,SLEEVE(1) 6-6		
				BEARING HALF,SLEEVE(6) 6-7		
				BEARING HALF,SLEEVE(6) 6-11		
				BEARING HALF,SLEEVE(1) 6-12		
PAHZZ	3120-00-678-3229	19207	5702617	BEARING HALF SET,SL.....	V	
				BEARING HALF,SLEEVE(1) 6-6		
				BEARING HALF,SLEEVE(6) 6-7		
				BEARING HALF,SLEEVE(6) 6-11		
				BEARING HALF,SLEEVE(1) 6-12		
PAHZZ	2910-00-545-1558	19207	5702641	PARTS KIT,AUTOMATIC.....	V	
				SEAL (8) 33-18		
				SPRING (8) 33-19		
PAFZZ	5365-00-235-1941	19207	5702674	SHIM SET.....	V	
				SPACER,NOZZLE AND H(1) 34-13		
				SHIM (1) 34-13		
				SHIM (1) 34-13		
				SHIM (1) 34-13		
				SHIM (1) 34-13		
PAOZZ	4330-00-801-1152	19207	5702738	PARTS KIT,FLUID PRE.....	V	
				O-RING (1) 43-6		
				ELEMENT,FILTER (2) 43-8		
PAHZZ	3120-00-491-0314	19207	5704348	BEARING HALF SET,SL.....	V	
				BEARING HALF,SLEEVE(1) 6-6		
				BEARING HALF,SLEEVE(6) 6-7		
				BEARING HALF,SLEEVE(6) 6-11		
				BEARING HALF,SLEEVE(1) 6-12		
PAFZZ	3010-00-762-4587	19207	5704366	PARTS KIT,COUPLING,.....	V	
				O-RING (1) 35-8		
				O-RING (2) 35-9		
				SPACER (4) 35-14		
				BOLT (4) 35-16		
				KEY,WOODRUFF (2) 35-20		
PAHZZ	3120-00-165-6010	19207	5704381	BEARING HALF SET,SL.....	V	
				BEARING HALF,SLEEVE(1) 6-6		
				BEARING HALF,SLEEVE(1) 6-12		
PAHZZ	3120-00-165-6011	19207	5704382	BEARING HALF SET,SL.....	V	
				BEARING HALF,SLEEVE(1) 6-6		
				BEARING HALF,SLEEVE(1) 6-12		
PAHZZ	3120-00-165-6012	19207	5704383	BEARING HALF SET,SL.....	V	
				BEARING HALF,SLEEVE(1) 6-6		
				BEARING HALF,SLEEVE(1) 6-12		
PADZZ	3120-01-013-3629	19207	5704485	BEARING SET,SLEEVE.....	V	
				BEARING,SLEEVE (1) 19-10		
				BEARING,SLEEVE (1) 19-26		
				BEARING,SLEEVE (1) 19-47		
				BEARING,SLEEVE (1) 19-49		
				BEARING,SLEEVE (1) 19-57		
				BEARING,SLEEVE (1) 19-59		
PAOZZ	4330-00-397-3404	19207	5704486	PARTS KIT,FLUID PRE.....	V	
				WASHER,FLAT (11) 14-3		
				PACKING WITH RETAIN(1) 14-4		
				GASKET (1) 14-6		
				FILTER ELEMENT,FLUI(2) 14-7		
PAOZZ	4330-00-410-1964	19207	5704487	PARTS KIT,FLUID PRE.....	V	
				PACKING,PREFORMED (1) 43-13		
				FILTER ELEMENT,FLUI(1) 43-14		
				GASKET (1) 43-16		
				GASKET (1) 43-18		
				WASHER,FLAT (1) 43-19		

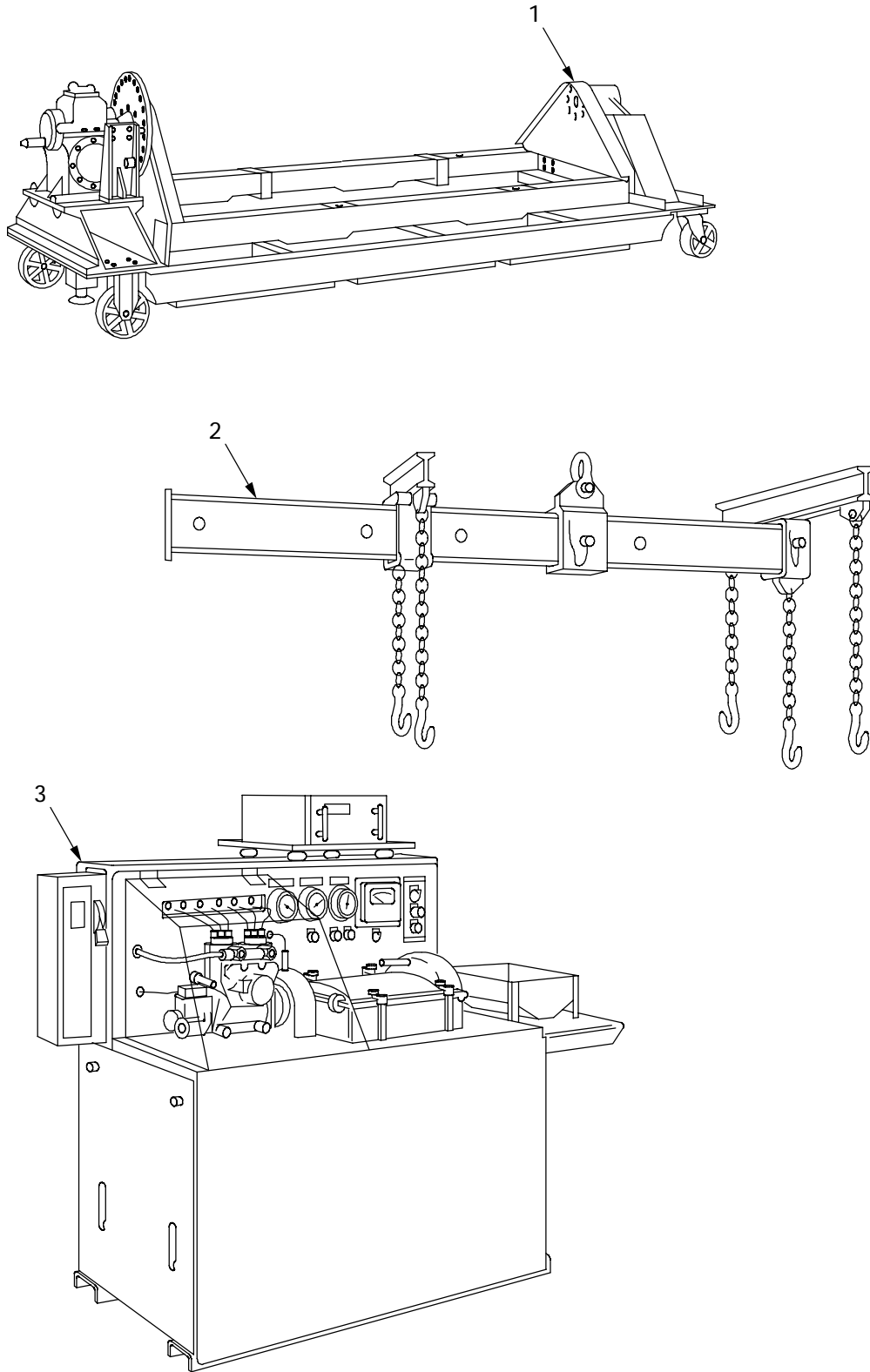
END OF FIGURE

Bulk Material

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC) GROUP 95 BULK MATERIAL GROUP 9501 BULK MATERIAL FIGURE BULK	(7) QTY
PAOZZ		6145-01-102-4660	06090	10603-0	WIRE,ELECTRICAL.....	V
PAOZZ		4720-00-278-1113	18113	1070784	HOSE,NONMETALLIC.....	V
PAHZZ		9320-01-014-8683	19207	11678085-1	RUBBER SHEET,CELLUL.....	V
PAHZZ		9320-00-009-0213	19207	11678085-2	RUBBER SHEET,CELLUL.....	V
PCOZZ		4720-00-278-1110	50024	1631082	HOSE,NONMETALLIC.....	V
PAHZZ		4720-00-202-7457	81349	M6000-R-01000	HOSE,NONMETALLIC.....	V
PAHZZ		9525-00-355-6072	96906	MS20995NC32	WIRE,NONELECTRICAL.....	V
PAFZZ		9525-00-990-7799	96906	MS20995NC40	WIRE,NONELECTRICAL.....	V

END OF FIGURE

Special Tools and Equipment



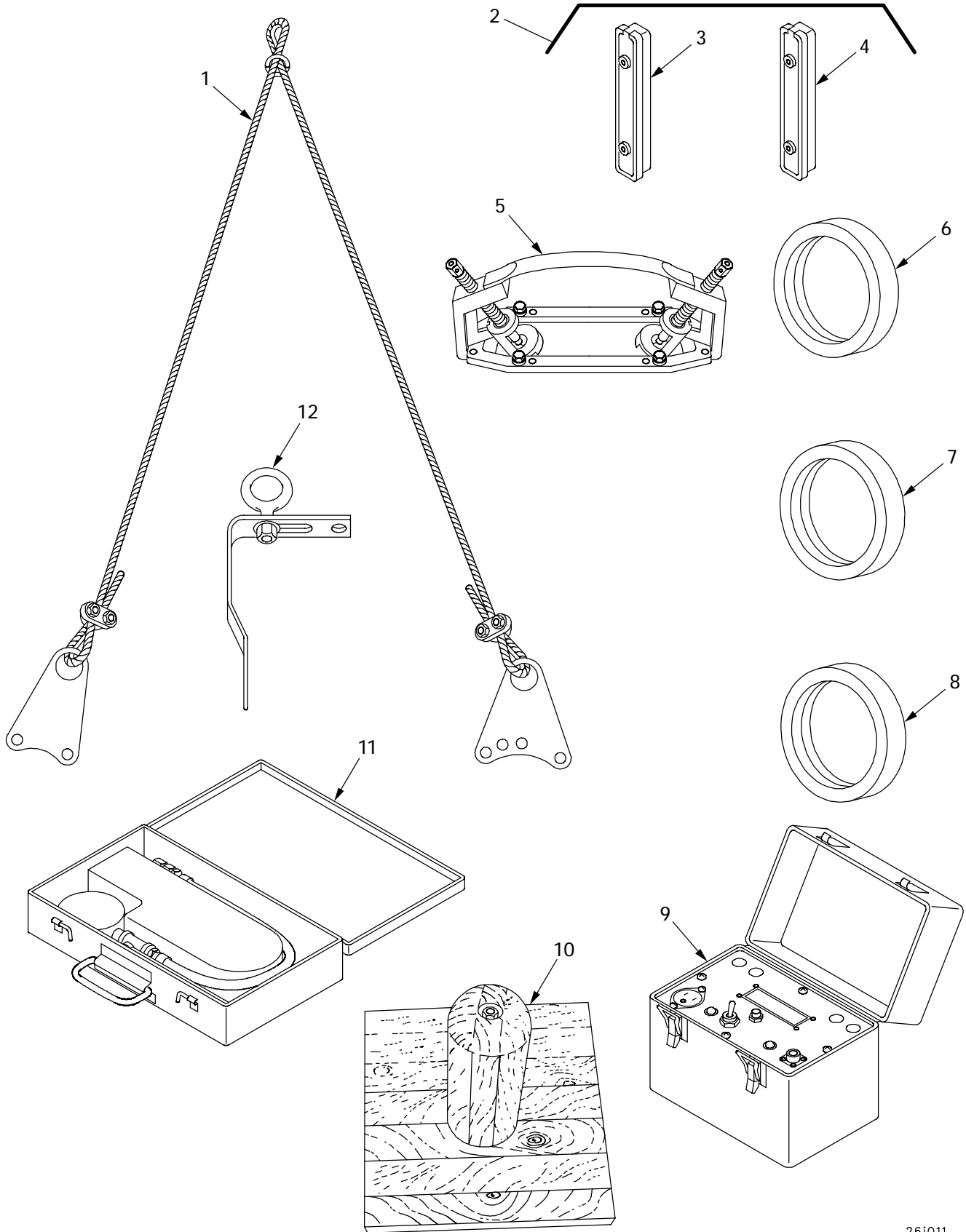
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Figure 70. Special Tools and Equipment

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 26 SPECIAL TOOLS AND TEST EQUIPMENT	
					GROUP 2604 SPECIAL TOOLS	
					FIGURE 70 SPECIAL TOOLS AND EQUIPMENT	
1	PEHZZ	4910-00-856-4137	19207	10912260	STAND, MAINTENANCE A.....	1
2	PEOZZ	3940-01-440-0283	06085	12366100	BEAM, HOISTING.....	1
3	PEHZZ	4910-00-986-9873	19207	10898928	TESTER, DIESEL FUEL.....	1

END OF FIGURE

Special Tools and Equipment



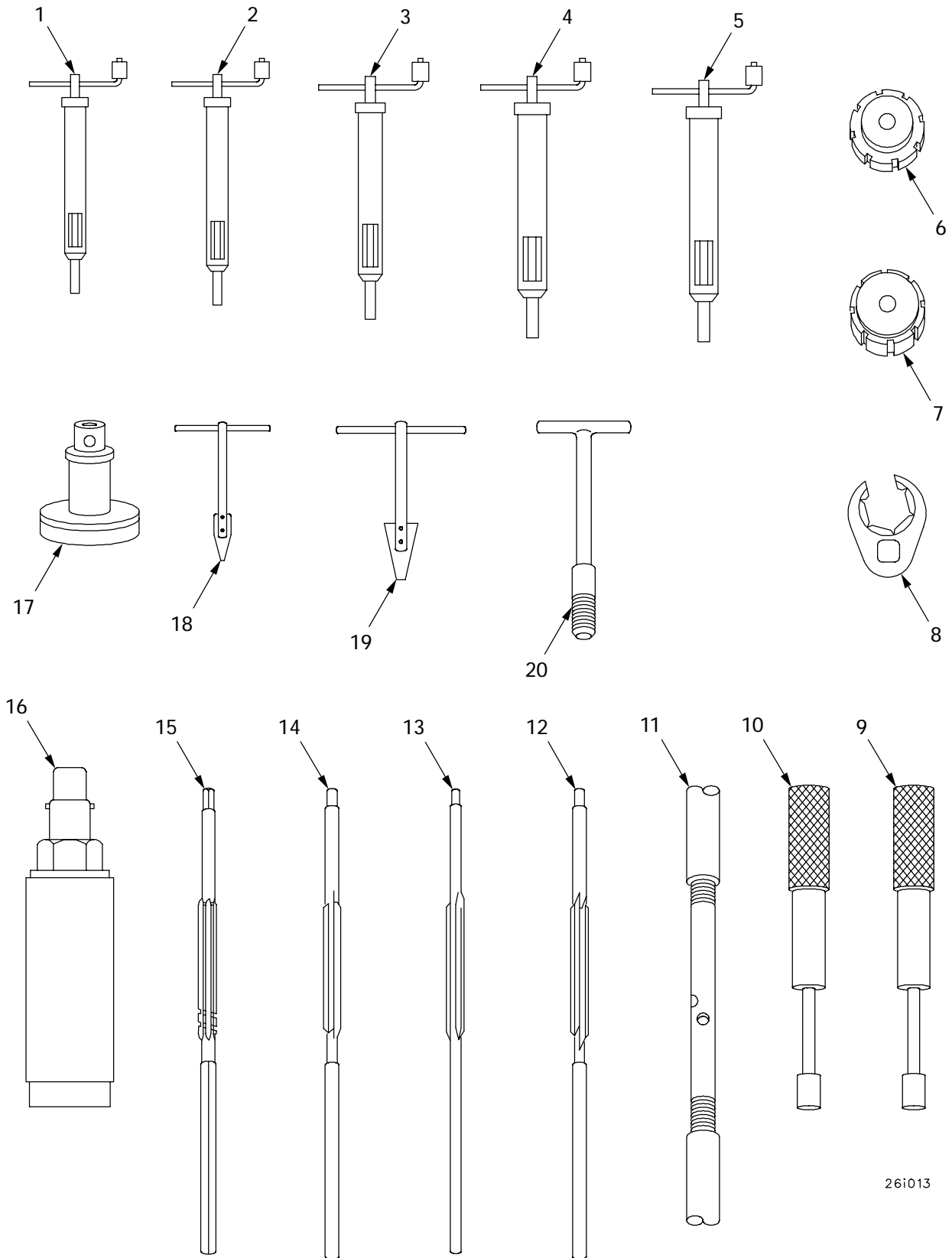
26i011

Figure 71. Special Tools and Equipment

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 2604 SPECIAL TOOLS	
					FIGURE 71 SPECIAL TOOLS AND EQUIPMENT	
1	PEHZZ	4910-00-795-7955	19207	10882958	SLING,CRANKSHAFT AN.....	1
2	PEDZZ	3460-00-689-3368	19207	5704380	STONE AND HOLDER,AS.....	1
3	KDDZZ		19207	11662775-2	STONE 150 GRAIN.....	4
4	KDDZZ		19207	11662775-1	STONE 180 GRAIN.....	4
5	PEHZZ	5120-00-678-5285	19207	8761535	LIFTER,VALVE SPRING.....	1
6	PEHZZ	5220-00-988-8774	19207	10912589	GAGE,RING,PLAIN STANDARD AND 0.020 OVERSIZE.....	1
7	PEDZZ	5220-01-005-3003	19207	10912589-1	GAGE,RING,PLAIN 0.010 AND 0.030 OVERSIZE.....	1
8	PEDZZ	5220-01-005-3002	19207	10912589-2	GAGE,RING,PLAIN 0.040 OVERSIZE.....	1
9	PEDZZ	6110-00-294-2332	19207	11668287	RESETTING DEVICE,PO.....	1
10	PEHZZ	4910-00-554-1317	19207	8708419	STAND,VALVE REMOVIN USE WITH P/N 8761535.....	1
11	PEFZZ	4910-00-870-6283	19207	10899180	TESTER,CYLINDER COM USE WITH P/N 8743025.....	1
12	PEHZZ	4910-00-795-7954	19207	10882945	SLING ASSEMBLY,FAN.....	1

END OF FIGURE

Special Tools and Equipment



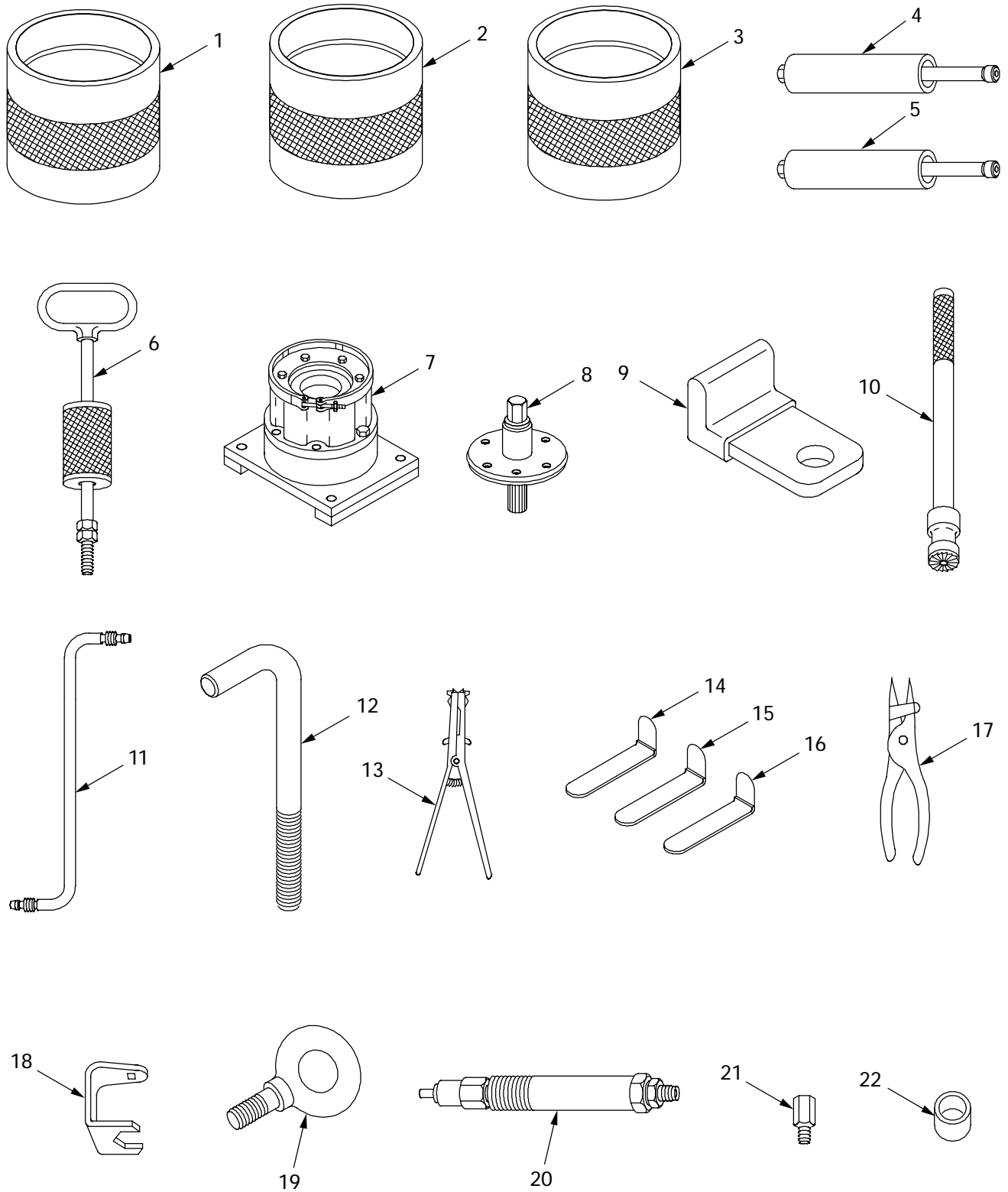
26i013

Figure 72. Special Tools And Equipment

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 2604 SPECIAL TOOLS	
					FIGURE 72 SPECIAL TOOLS AND EQUIPMENT	
1	PEHZZ	5120-00-797-2405	01556	3552-5	INSERTER,SCREW THRE AD 5/16-24....	1
2	PEHZZ	5120-00-710-7437	01556	7552-6	INSERTER,SCREW THRE AD 3/8-24.....	1
3	PEHZZ	5120-00-797-2407	01556	7552-7	INSERTER,SCREW THRE AD 7/16-20.....	1
4	PEHZZ	5120-00-672-8897	01556	7552-8	INSERTER,SCREW THRE AD 1/2-20.....	1
5	PEHZZ	5120-00-861-1170	01556	7551-8	INSERTER,SCREW THRE AD 1/2-13.....	1
6	PEHZZ	5365-00-460-5831	19207	11642088	BUSHING,REAMER,PILO USE WITH P/N 7083698 AND 7083699.....	1
7	PEHZZ	5365-00-003-1010	19207	11642089	BUSHING,PILOT,REAME USE WITH P/N 7083696 AND 7083697.....	1
8	PEOZZ	5120-01-335-1162	55719	FRH-240S	CROWFOOT ATTACHMENT.....	1
9	PEHZZ	5120-00-448-7993	19207	10883053	REPLACER,VALVE GUID.....	1
10	PEHZZ	5180-00-448-0402	19207	10883052	TOOL KIT,VALVE SEAT.....	1
11	PEHZZ	5120-00-575-7767	19207	8708361	JACK,SCREW,HAND USE WITH P/N 8708712 AND 8375091.....	1
12	PEHZZ	5110-00-708-3699	19207	7083699	REAMER,HAND USE WITH P/N 11642088..	1
13	PEHZZ	5110-00-708-3698	19207	7083698	REAMER,HAND USE WITH P/N 11642088..	1
14	PEHZZ	5110-00-708-3697	19207	7083697	REAMER,HAND USE WITH P/N 11642089..	1
15	PEHZZ	5110-00-708-3696	19207	7083696	REAMER,HAND USE WITH P/N 11642089..	1
16	PEFZZ	5120-01-119-4172	19207	12275805	PULLER,MECHANICAL.....	1
17	PEFZZ	5120-01-034-1698	19207	12254213	SOCKET,SOCKET WRENC.....	1
18	PEHZZ	5120-00-723-6833	01556	1227-6	EXTRACTOR,SCREW THR EAD NO.10 THROUGH 3/8.....	1
19	PEHZZ	5120-00-251-1527	19207	7751056	EXTRACTOR,SCREW THR EAD 7/16 THROUGH 1.00.....	1
20	PEHZZ	5120-00-678-5282	19207	8761297	PULLER,MECHANICAL.....	1

END OF FIGURE

Special Tools And Equipment



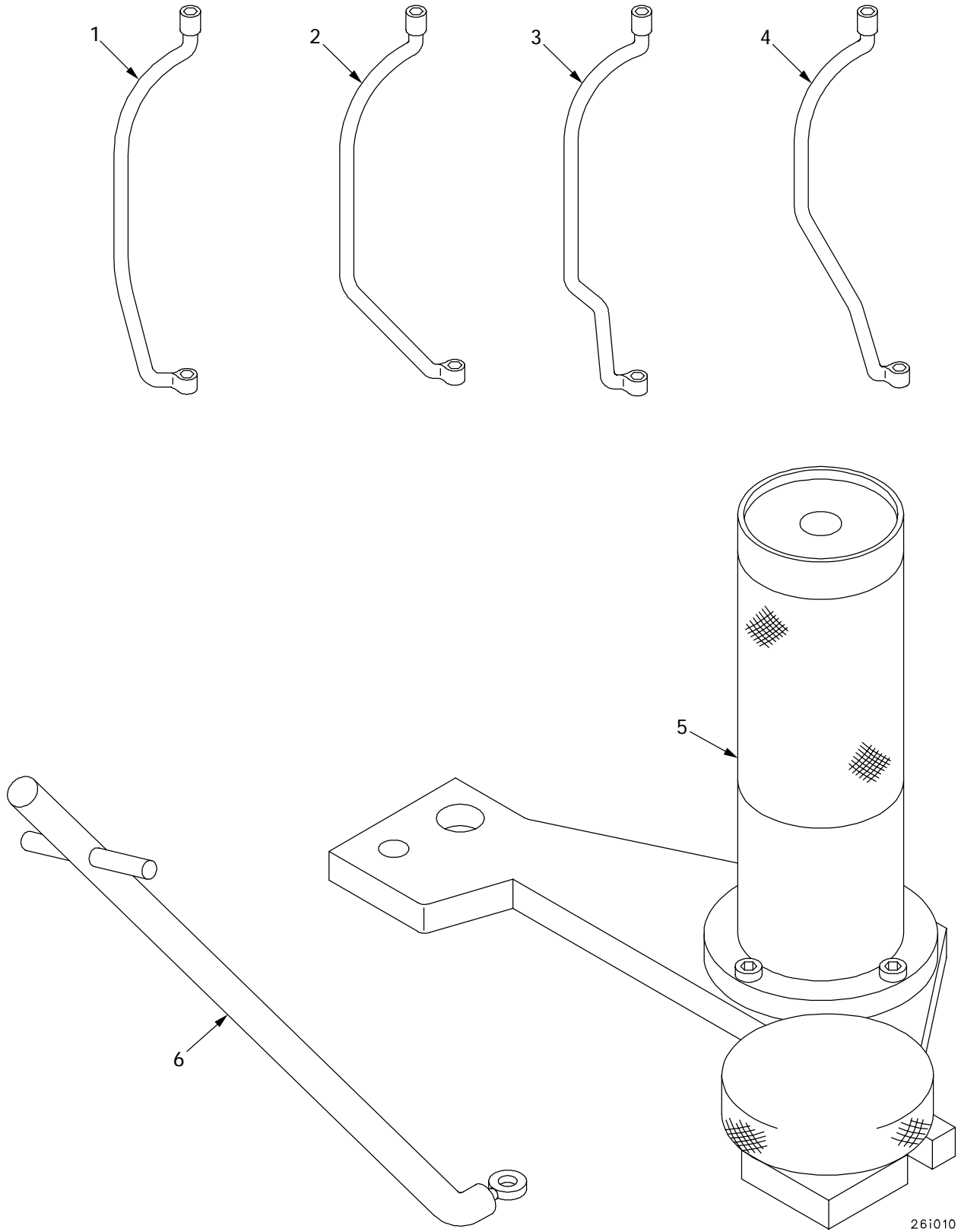
26i009

Figure 73. Special Tools And Equipment

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 2604 SPECIAL TOOLS	
					FIGURE 73 SPECIAL TOOLS AND EQUIPMENT	
1	PEHZZ	5120-00-795-7956	19207	10882888	COMPRESSOR,PISTON R.....	1
2	PEDZZ	5120-01-005-3001	19207	10882888-1	COMPRESSOR,PISTON R 0.010 AND 0.020 OVERSIZE.....	1
3	PEDZZ	5120-01-005-3000	19207	10882888-2	COMPRESSOR,PISTON R 0.030 AND 0.040 OVERSIZE.....	1
4	PEHZZ	5120-00-448-0401	19207	10882954	PULLER,VALVE GUIDE.....	1
5	PEHZZ	5120-00-448-0400	19207	10882953	PULLER,VALVE GUIDE.....	1
6	PEFZZ	5120-00-310-4668	19207	8708712	PULLER ASSEMBLY,SLI USE WITH P/N 8375091.....	1
7	PEHZZ	5120-01-005-2996	19207	11684166	HOLDING TOOL,GENERA USE WITH P/N 11684153.....	1
8	PEHZZ	5180-01-005-2995	19207	11684153	TOOL,GENERATOR COUP.....	1
9	PEHZZ	2920-01-439-4329	02978	X-106694	GUARD,CRANKCASE.....	24
10	PEFZZ	4910-00-795-7958	19207	10882949	CUTTER,CARBON,NOZZL.....	1
11	PEFZZ	4710-00-795-7953	19207	10882963	TUBE ASSEMBLY,METAL.....	1
12	PEOZZ	5120-00-473-7222	19207	5379997	PULLER,MECHANICAL.....	3
13	PEFZZ	5120-00-494-1846	19207	7950177	REMOVER AND REPLACE.....	1
14	PEFZZ	5210-00-793-7899	19207	10882616	BLADE,THICKNESS GAG 0.025 EXHAUST VALVE CLEARANCE.....	1
15	PEFZZ	5210-00-793-7898	19207	10882615	BLADE,THICKNESS GAG 0.010 INTAKE VALVE CLEARANCE.....	1
16	PEFZZ	5210-00-793-7897	19207	10882617	BLADE,THICKNESS GAG 0.100 INTAKE VALVE TIMING CLEARANCE.....	1
17	PEHZZ	5120-00-752-9755	66503	WT28163	PLIERS,RETAINING RI.....	1
18	PEFZZ	5120-01-039-2809	19207	12254244	WRENCH,OPEN END USE WITH P/N 8743025.....	1
19	PEFZZ	5306-00-017-6143	96906	MS51937-7	BOLT,EYE.....	1
20	PEFZZ	4910-00-795-7961	19207	8743025	ADAPTER,COMPRESSION USE WITH P/N 10899180.....	1
21	PEHZZ	5120-00-837-5091	19207	7082204-A8375091	ADAPTER,MECHANICAL USE WITH P/N 8708712.....	1
22	PEOZZ	5365-00-795-7952	19207	10882651	SPACER,SLEEVE.....	1

END OF FIGURE

Special Tools and Equipment



26i010

Figure 74. Special Tools and Equipment

(1) ITEM NO	(2) SMR	(3) NSN	(4) CAGE	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 2604 SPECIAL TOOLS	
					FIGURE 74 SPECIAL TOOLS AND EQUIPMENT	
1	PEHZZ	5120-01-443-1557	02978	X-108113	ADAPTER,TORQUE WREN.....	1
2	PEHZZ	5120-01-443-1556	02978	X-108114	ADAPTER,TORQUE WREN.....	1
3	PEHZZ	5120-01-443-1559	02978	X-108130	ADAPTER,TORQUE WREN.....	1
4	PEHZZ	5120-01-443-1071	02978	X-108131	ADAPTER,TORQUE WREN.....	1
5	PEHZZ	4910-01-440-0842	02978	X-108056	TARGET FIXTURE,ASSE MBL. CONSISTS OF RAIL,FILTER,TANK PLUMBING & HARDWARE IN ADDITION TO TARGET FIXTURE SHOWN.....	1
6	PEHZZ	5120-01-444-3657	02978	X-106695	BENDING TOOL.....	1

END OF FIGURE

CROSS REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIGURE NO	ITEM NO	STOCK NUMBER	FIGURE NO	ITEM NO
4330-00-000-0145	14	7	5340-00-057-2904	37	11
5365-00-003-1010	72	7		44	49
5330-00-003-9302	14	4		45	35
5330-00-005-0586	32	8		58	23
9320-00-009-0213	BULK		5340-00-057-3029	45	2
4730-00-010-3867	12	2		62	1
	17	8	5340-00-057-3034	44	1
5315-00-013-7214	52	23		45	4
5306-00-017-6143	73	19	5340-00-057-3037	37	19
5307-00-026-8489	19	24	5340-00-057-3043	21	6
4730-00-035-8036	44	17		38	5
	45	12		64	11
5305-00-042-5598	22	2	5310-00-058-5811	49	2
	23	2	5315-00-058-9919	19	11
5305-00-042-5640	21	5		19	28
	28	17		33	13
	49	16		33	17
5306-00-042-5828	39	16	5315-00-058-9929	2	21
	42	37		3	10
	44	9		4	1
	46	6		30	10
	50	6		54	7
5305-00-043-6754	21	30	5310-00-059-9264	25	19
	45	17		26	7
4730-00-044-4689	17	4		40	9
	30	4	5310-00-061-4650	36	33
	31	19	5310-00-061-7325	42	47
	54	4		59	1
4730-00-044-4699	2	5	5320-00-061-8215	48	27
	3	17	5310-00-062-4954	1	7
4730-00-044-4705	2	2		40	30
	13	26	5340-00-067-3868	61	4
4730-00-044-4715	12	5		64	9
	17	12	5305-00-068-0500	49	23
5340-00-045-2676	52	15		50	13
	52	17	5305-00-068-0502	11	24
5310-00-045-3296	39	15	5305-00-068-0512	41	7
	42	33		42	45
	62	3	5306-00-068-0513	37	22
5310-00-045-3299	62	16		47	3
5310-00-045-4007	62	10		59	7
5310-00-047-2391	33	27	5306-00-068-0514	51	6
5306-00-050-1238	8	18	4710-00-071-8124	20	20
	18	10	5975-00-074-2072	21	1
	27	16		41	8
	28	22		44	22
	37	17		46	19
	53	7		56	35
	54	35		58	27
	59	8		61	2
	63	9		62	13
	64	3		63	1
5340-00-050-2740	44	47		64	12
5340-00-050-9077	39	2	5330-00-078-4866	34	17
	63	5	5310-00-081-4219	44	37
5305-00-051-4076	47	49		45	20
5306-00-051-4081	36	18		50	25
	48	9		62	20
5306-00-051-4084	20	18		64	10
5306-00-051-4087	5	8	5307-00-084-0628	5	20
5306-00-051-4090	42	2	5307-00-084-0629	5	20
5340-00-053-8994	69	5	5310-00-087-4652	43	15
4720-00-056-9080	37	7	5310-00-088-0552	1	9

CROSS REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIGURE NO	ITEM NO	STOCK NUMBER	FIGURE NO	ITEM NO
	29	19		42	34
5310-00-088-0553	13	10		44	8
	15	16		46	5
	19	2		51	3
	21	53	5310-00-167-0820	2	19
	22	18		2	24
	23	3		5	7
	30	22		9	6
	48	6		10	19
	53	24		11	8
5340-00-088-6655	42	49		13	25
	61	6		30	23
5365-00-089-8836	34	14		42	5
5340-00-091-3790	69	8		48	21
5940-00-107-1481	65	25		52	10
5940-00-113-3147	65	57		53	25
5940-00-113-3148	65	31		55	24
5940-00-113-9824	65	26	5310-00-167-0822	2	28
5340-00-114-0093	44	41		10	9
	45	29		11	28
5940-00-114-1315	65	28		29	20
5310-00-115-1440	47	22		42	8
	47	41	5310-00-167-0823	40	29
5935-00-115-2307	65	17	5310-00-167-0827	21	11
5340-00-125-3891	10	39	5330-00-167-5112	18	1
	11	9	5330-00-167-5114	34	9
4330-00-134-4734	42	9	5330-00-171-6649	29	4
5340-00-136-1201	10	4	4730-00-172-0058	35	25
	11	4	5340-00-177-4213	2	8
5310-00-141-1795	38	31	2815-00-177-9162	31	13
	44	30	5306-00-180-0238	52	1
	47	12	5306-00-180-0321	40	20
5315-00-141-6337	6	3	5306-00-180-2670	5	6
5315-00-141-6338	6	3	5306-00-180-2751	55	12
6145-00-144-0121	65	46	5310-00-184-8973	22	33
6145-00-144-0123	65	58		23	23
3110-00-144-8518	19	52	5310-00-184-8974	14	3
5310-00-145-1650	21	12		22	25
5310-00-149-9116	35	18		23	16
4710-00-150-6187	69	4		28	35
2815-00-150-7406	9	20		40	22
2815-00-150-7407	9	19		52	12
5340-00-151-5991	13	24	5310-00-185-6426	19	50
3110-00-155-6675	29	6	3040-00-193-8213	47	43
3110-00-156-5445	29	27	5310-00-194-0636	19	3
5310-00-159-6495	19	51		25	12
5325-00-163-6563	28	24		26	20
5330-00-165-1951	32	4		28	42
5330-00-165-1958	28	33	5310-00-194-0637	33	26
5330-00-165-1975	34	11	4730-00-196-0930	44	18
3120-00-165-6010	KITS			45	11
3120-00-165-6011	KITS		5330-00-196-6714	16	8
3120-00-165-6012	KITS		3110-00-198-1085	47	23
5330-00-166-0980	21	20	5330-00-199-5886	13	29
	24	15	5365-00-202-0194	8	7
5330-00-166-0993	18	2	4720-00-202-7457	BULK	
5330-00-166-1011	8	20	4730-00-204-1272	44	5
5330-00-166-1072	13	27		45	18
5331-00-166-1076	4	11		46	3
5330-00-166-8403	4	7	5307-00-207-8619	30	24
5330-00-166-8411	28	32	5307-00-207-8620	30	24
5310-00-167-0816	66	2	5310-00-208-5775	38	16
5310-00-167-0818	39	14		69	3

CROSS REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIGURE NO	ITEM NO	STOCK NUMBER	FIGURE NO	ITEM NO
5365-00-209-0174	27	20	5120-00-251-1527	72	19
5310-00-209-0965	10	10	5305-00-253-5618	66	1
	11	29	5305-00-253-5625	67	17
	42	16	5325-00-260-4875	29	5
5310-00-209-2629	53	6	5307-00-264-2471	10	37
	54	36		11	46
4730-00-221-2140	67	8		12	17
4730-00-223-7014	10	24		30	21
	11	36	5307-00-264-2472	10	37
5970-00-223-8318	65	33		11	46
5305-00-225-3843	38	7		12	17
	43	3		30	21
	46	14	5940-00-266-8425	65	7
	48	30	5305-00-267-8951	24	5
5306-00-225-9086	2	34	5305-00-267-8952	44	28
	18	17	5305-00-269-2803	15	9
	19	17		18	4
5306-00-225-9088	20	13		28	36
	21	39		40	17
	28	41	5305-00-269-2804	40	4
	44	38	5330-00-269-2844	13	14
	45	19	5305-00-269-3211	56	17
	62	18	5305-00-269-3233	39	19
5306-00-225-9089	2	25	5305-00-269-3234	16	2
	10	21		22	24
	11	7		23	17
	15	15		28	8
	27	10		49	4
	28	43	5305-00-269-3236	40	15
	42	40	5305-00-269-3237	50	4
	44	42	5305-00-269-3239	14	2
	45	28		56	15
	55	25		57	9
	59	5	5305-00-269-3241	56	21
5305-00-225-9091	9	5		57	8
	48	34	5305-00-269-3244	40	3
5305-00-225-9092	5	11	5305-00-269-3245	52	4
	24	24	5305-00-269-4528	28	37
	42	30	5307-00-272-6331	2	20
5305-00-225-9093	36	15		30	2
5306-00-225-9095	24	22		30	25
5306-00-225-9100	47	57		54	3
5306-00-225-9107	42	3	5307-00-272-6332	2	20
5306-00-226-4828	22	10		30	25
	23	27		54	3
3110-00-227-3620	47	16	5310-00-274-8715	24	4
	47	32		57	12
	48	3	4720-00-274-9335	38	28
2815-00-230-3593	1	21	5310-00-274-9364	22	28
4730-00-231-4010	42	43		23	18
5315-00-234-1863	40	19	3120-00-275-1610	9	21
5315-00-234-1864	2	29	5310-00-275-3683	38	15
5365-00-235-1941	KITS			69	2
5935-00-235-8970	65	11	5325-00-276-6096	28	11
5340-00-238-9191	2	33	4730-00-277-9305	46	20
5315-00-238-9239	2	32	4730-00-278-0375	37	1
5310-00-239-5848	31	26	4720-00-278-1110	BULK	
5315-00-241-2916	5	22	4720-00-278-1113	BULK	
	30	26	4730-00-278-2965	20	11
4820-00-242-4064	67	10	4730-00-278-2966	2	11
5330-00-248-3850	43	13		12	10
5340-00-248-4631	55	17	4730-00-278-3888	13	18
6145-00-251-0189	65	32	4730-00-278-5824	37	4

CROSS REFERENCE INDEXES

NATIONAL STOCK NUMBER INDEX

STOCK NUMBER	FIGURE NO	ITEM NO	STOCK NUMBER	FIGURE NO	ITEM NO
5315-00-282-0341	35	20	3040-00-402-4431	48	20
5310-00-282-6907	47	47	5340-00-402-5204	57	6
5331-00-285-9842	56	28	5365-00-402-8380	13	15
5330-00-286-9942	47	25	4310-00-406-4619	13	22
5365-00-287-0094	24	14	5310-00-406-7319	33	1
4730-00-289-0383	21	15	2805-00-407-6761	10	26
	44	20		11	16
	45	9	5365-00-407-7011	53	3
	46	1		54	27
	64	8	5365-00-408-1268	9	1
5330-00-291-1720	1	17	4710-00-408-4684	53	15
5325-00-291-3488	5	19	5340-00-409-8130	19	4
5340-00-291-3492	4	19	5330-00-410-1050	16	5
5325-00-291-3493	52	14	2815-00-410-1143	16	18
	52	18	5340-00-410-1151	42	36
5325-00-291-3495	4	18	2815-00-410-1196	16	6
	30	11	4330-00-410-1212	42	48
	54	11	5340-00-410-1216	33	36
5330-00-292-7363	2	35	4710-00-410-1963	18	3
6110-00-294-2332	71	9	4330-00-410-1964	KITS	
5331-00-297-9990	11	25	5307-00-410-5830	4	15
5330-00-298-0091	44	15	3040-00-411-5749	53	16
	45	23	6645-00-420-5072	68	1
5310-00-298-9252	37	24	4730-00-421-3849	42	19
5120-00-310-4668	73	6	4730-00-423-3677	13	30
4730-00-316-8964	38	44	5945-00-423-3869	44	52
5330-00-318-4127	56	16	5340-00-423-3976	18	16
4730-00-322-8225	21	48	5340-00-423-4104	48	29
5310-00-333-7348	10	17	5340-00-427-0584	42	17
	11	41	4730-00-431-9307	41	11
	14	10	2930-00-435-4568	55	11
	16	22	2520-00-435-4572	55	7
	18	13	2930-00-436-3207	50	16
	19	40	5330-00-438-1861	29	15
	29	17	2920-00-441-8137	56	5
	30	17	6115-00-442-5894	50	11
	31	2	5340-00-442-5895	52	16
	32	6	5340-00-447-3661	44	33
	52	20	5120-00-448-0400	73	5
	54	14	5120-00-448-0401	73	4
4710-00-350-9399	53	19	5180-00-448-0402	72	10
2930-00-350-9401	52	3	5120-00-448-7993	72	9
9525-00-355-6072	BULK		4730-00-448-9896	13	17
5340-00-388-9993	49	25	4730-00-449-0657	21	33
2940-00-392-9633	13	2	5975-00-451-5001	63	6
4820-00-394-9693	13	28	2990-00-453-5386	40	34
3040-00-394-9695	33	5	5340-00-453-5387	40	1
2815-00-394-9719	10	28	5340-00-454-8599	9	4
	11	17	2815-00-455-9496	10	13
5330-00-394-9723	16	20		11	31
2815-00-394-9725	10	34	4730-00-457-1984	21	10
2815-00-394-9726	11	45	5365-00-460-5831	72	6
2815-00-397-3305	18	9	3110-00-462-0392	55	10
2815-00-397-3314	13	19	4730-00-466-7465	42	21
5340-00-397-3317	59	3	4730-00-466-7467	42	15
4330-00-397-3404	KITS		5340-00-466-7850	48	18
2920-00-398-6540	56	22	4820-00-467-2578	44	51
3020-00-398-6713	29	25	2815-00-467-3407	8	8
3040-00-399-5305	47	53	5340-00-468-1596	12	14
5310-00-401-0825	29	2	5120-00-473-7222	73	12
	52	21	4720-00-475-3435	37	5
2930-00-402-4421	50	19	6150-00-476-0371	56	6
3040-00-402-4429	48	5	5310-00-477-0789	13	4

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STOCK NUMBER	FIGURE NO	ITEM NO	STOCK NUMBER	FIGURE NO	ITEM NO
3110-00-481-2825	53	5	5310-00-535-6688	46	17
3110-00-481-2825	54	37	4730-00-541-7749	27	21
5330-00-483-9490	18	14	4730-00-542-5906	21	17
5340-00-484-0771	48	15	5935-00-543-0207	65	44
5970-00-484-2813	65	18	2910-00-545-1558	KITS	
2815-00-485-9555	20	6	5310-00-550-1130	59	2
5330-00-486-0302	16	17	4910-00-554-1317	71	10
5340-00-486-0320	13	3	3110-00-554-2979	55	14
5330-00-486-0346	16	14	3110-00-554-3899	53	4
5330-00-486-0372	47	54		54	28
5310-00-486-0399	8	2	3110-00-554-5302	53	10
5365-00-486-0405	22	30		54	34
	23	20	4730-00-555-1764	38	33
5310-00-486-0406	22	6	3110-00-555-5207	55	19
	22	13	4730-00-555-8291	12	12
	23	12		17	7
	49	9	5365-00-558-8482	16	7
	49	11	4710-00-561-7705	20	19
	49	28	5340-00-564-9676	47	13
5310-00-486-0412	22	12	5307-00-573-5569	19	29
	23	13	4730-00-575-0398	20	12
	49	8	5120-00-575-7767	72	11
	50	2	5330-00-576-9732	31	4
4810-00-487-2775	39	17	5330-00-579-3156	35	2
	42	42	5330-00-579-6861	29	10
2920-00-487-9461	59	6	5330-00-579-7545	35	8
4730-00-490-2172	10	32	5330-00-579-7918	10	7
	11	12		11	43
5315-00-490-5588	55	6	5330-00-582-2133	10	8
3120-00-491-0314	KITS			11	44
5340-00-492-1561	16	4		54	24
5330-00-492-1774	29	12	5325-00-582-7256	4	13
5330-00-492-1777	18	5		17	1
5330-00-492-1784	18	15	5310-00-584-5272	1	12
5330-00-493-2938	67	3		35	5
3120-00-493-9192	2	6	5310-00-584-7888	35	22
5120-00-494-1846	73	13		67	5
5340-00-498-2398	29	16	5331-00-585-6663	31	12
3130-00-498-9359	53	11	4730-00-585-8582	20	2
	54	33	5330-00-586-6071	47	14
4730-00-501-7013	56	33	5315-00-586-6076	47	19
5935-00-509-6194	58	2	4720-00-590-5249	56	13
	58	12		64	5
	65	4	5365-00-598-6232	33	38
5360-00-510-4109	13	5	5330-00-599-2934	54	23
3120-00-510-4115	19	55	5305-00-614-0245	62	8
5340-00-514-2321	10	16	5310-00-616-3554	58	25
	11	32	5315-00-616-5526	47	31
5310-00-514-6674	42	39		48	8
	59	4	6685-00-618-1822	67	11
4330-00-516-1265	13	6	4730-00-618-5372	21	8
3110-00-516-5290	53	2	4730-00-618-5382	37	16
	54	26	4730-00-618-7874	38	41
3110-00-516-5490	29	8	4820-00-620-8123	67	9
5365-00-518-5041	16	15	4730-00-627-2017	16	9
4730-00-522-1909	21	25	5310-00-627-6128	22	8
	44	6		23	5
2805-00-522-2576	50	12		39	20
5330-00-530-2772	15	14		49	20
5305-00-531-1097	25	6		50	22
	26	1		56	7
5365-00-533-6657	21	43	5325-00-634-7860	3	14
5935-00-534-7553	65	54	5310-00-637-3057	27	18

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STOCK NUMBER	FIGURE NO	ITEM NO	STOCK NUMBER	FIGURE NO	ITEM NO
5310-00-637-9541	15	18	5307-00-678-3314	5	16
5310-00-637-9541	24	21	5306-00-678-3316	5	9
	49	3	5307-00-678-3320	54	10
	50	3	5307-00-678-3321	54	10
	52	2	5306-00-678-3325	52	11
	63	3	5307-00-678-3328	54	22
5306-00-638-5288	7	2	5307-00-678-3329	54	22
5307-00-638-7608	12	9	5307-00-678-3506	4	20
	30	2	5307-00-678-3507	4	20
	30	7	5307-00-678-3509	4	22
	54	8	5307-00-678-3510	4	22
4730-00-647-3207	21	2	5307-00-678-3513	3	15
	44	50	5307-00-678-3514	3	15
	46	9	5307-00-678-3515	3	2
	56	34	5307-00-678-3516	3	2
	64	4	5307-00-678-3517	3	6
5305-00-655-6556	42	32	5307-00-678-3518	3	6
5310-00-655-9370	29	22	5307-00-678-3519	3	7
5310-00-655-9590	35	23	5307-00-678-3520	3	7
5310-00-655-9859	29	14	5307-00-678-3521	3	8
5310-00-655-9975	49	12	5307-00-678-3522	3	8
	50	7	5307-00-678-3523	3	5
5365-00-663-1245	55	5	5307-00-678-3524	3	5
5120-00-672-8897	72	4	5307-00-678-3525	4	21
5306-00-678-1885	51	1	5307-00-678-3526	4	21
5330-00-678-3171	32	9	5307-00-678-3527	4	9
2815-00-678-3194	9	8	5307-00-678-3528	4	9
2815-00-678-3195	9	26	5307-00-678-3529	3	1
3120-00-678-3196	9	10	5307-00-678-3530	3	1
3120-00-678-3197	9	28	5340-00-678-3532	1	6
2815-00-678-3198	5	21	3040-00-678-4233	29	29
2815-00-678-3199	5	21	3020-00-678-4239	29	26
2815-00-678-3200	5	14	5306-00-678-4260	35	19
2815-00-678-3201	5	14	5306-00-678-4262	67	15
5360-00-678-3207	9	16	5330-00-678-4669	24	20
5360-00-678-3208	9	17	5330-00-678-4676	40	11
5360-00-678-3209	9	15	4820-00-678-4729	33	28
5330-00-678-3216	25	1	5365-00-678-4730	33	8
	26	6	5120-00-678-5282	72	20
2815-00-678-3218	13	12	5120-00-678-5285	71	5
5330-00-678-3221	13	23	5310-00-678-5370	37	2
2815-00-678-3223	13	20	5330-00-678-5386	21	42
2815-00-678-3227	2	30	5330-00-678-5388	13	8
5307-00-678-3228	4	15	5307-00-678-6876	31	16
3120-00-678-3229	KITS		5307-00-678-6877	31	16
3120-00-678-3230	KITS		5307-00-678-6880	31	14
5360-00-678-3256	55	15	5307-00-678-6881	31	14
3040-00-678-3265	53	12	5307-00-678-6882	30	14
5340-00-678-3267	55	21	5307-00-678-6883	30	14
5330-00-678-3270	25	5	5307-00-678-6884	30	15
	26	2	5307-00-678-6885	30	15
5365-00-678-3271	53	9	5307-00-678-6887	31	17
	54	29	5307-00-678-6888	31	17
5360-00-678-3276	13	13	5306-00-678-6889	57	4
4730-00-678-3299	37	6	5307-00-678-6890	31	15
4730-00-678-3303	14	9	5307-00-678-6891	31	15
5325-00-678-3309	4	3	5330-00-678-7101	57	2
5325-00-678-3310	5	17	5340-00-679-1591	9	22
5325-00-678-3311	4	2	5330-00-679-4961	15	12
	5	13	5360-00-679-4964	19	37
	17	2	5360-00-679-4966	19	38
	54	19	4730-00-679-5682	20	7
5330-00-678-3313	9	3	5310-00-679-5685	20	5

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STOCK NUMBER	FIGURE NO	ITEM NO	STOCK NUMBER	FIGURE NO	ITEM NO
2930-00-679-5742	52	9		11	33
5330-00-679-6482	20	15		54	6
5330-00-679-8054	10	38	6685-00-734-6573	24	10
	11	10	5307-00-734-8596	17	5
5330-00-679-8056	10	25		30	3
	11	35		54	2
2815-00-679-8058	10	12	5307-00-734-8668	12	9
	11	42		30	7
5330-00-679-8059	10	27		54	8
	11	27	5307-00-734-8671	3	11
3120-00-679-8098	11	19	5307-00-734-8782	3	12
5325-00-680-8768	12	15	5307-00-734-8783	3	12
	28	29	5307-00-734-8797	4	16
5325-00-682-1619	33	24	5307-00-734-8798	4	16
5315-00-682-1746	47	20	5307-00-734-8803	3	3
5307-00-682-5820	40	13		30	9
	40	28	5307-00-734-8804	3	3
4820-00-684-0880	42	20		30	9
9505-00-684-4843	39	21	5307-00-734-8812	12	16
5305-00-685-3510	25	16	5307-00-734-8813	12	16
	26	9	5365-00-740-3580	24	11
5930-00-688-9882	60	4	5340-00-740-9684	2	10
3460-00-689-3368	71	2	5307-00-741-0162	31	18
5340-00-689-9514	21	29	5307-00-741-0163	31	18
	44	46	5307-00-741-0395	17	5
	45	34		30	3
4730-00-698-4042	56	10		54	2
5340-00-702-2848	64	7	5306-00-741-4584	22	1
5307-00-706-5766	30	5		44	7
5307-00-706-5767	30	5		49	5
4720-00-706-9144	38	25	5307-00-741-5384	12	11
5110-00-708-3696	72	15	5307-00-741-5385	12	11
5110-00-708-3697	72	14	5120-00-752-9755	73	17
5110-00-708-3698	72	13	2805-00-753-9838	9	18
5110-00-708-3699	72	12	5340-00-753-9839	9	14
5305-00-709-8283	2	27	5365-00-754-1083	10	31
5305-00-709-8284	29	21		11	13
5305-00-709-8515	10	11		47	33
	11	30		48	4
5305-00-709-8517	10	30	2805-00-760-5837	49	13
	11	14		50	26
5305-00-709-8523	11	26	2805-00-760-5838	49	31
	28	9		50	29
	42	31	5310-00-761-6882	57	11
5305-00-709-8539	22	32	3010-00-762-4587	KITS	
	23	22	5310-00-763-8901	67	4
	42	7	5310-00-763-8920	67	20
5120-00-710-7437	72	2	5310-00-764-1764	28	5
2920-00-711-5829	44	16	5340-00-764-7051	44	24
	45	22		45	6
4730-00-720-0987	42	24		56	24
5310-00-720-7627	2	14	2920-00-770-1641	44	43
5120-00-723-6833	72	18		45	27
5340-00-724-7015	38	20	5330-00-772-3892	1	11
5305-00-724-7223	67	14	5307-00-774-4555	5	18
5305-00-725-0145	6	9	5307-00-774-4572	12	7
5305-00-725-0154	35	4	5307-00-774-4573	12	7
5340-00-725-5280	38	11	5307-00-774-4605	54	20
	61	1	2805-00-774-4610	9	13
4730-00-726-1103	39	12	5315-00-774-4699	19	48
4730-00-727-7387	38	43		19	60
5310-00-732-0560	67	12	5307-00-774-4795	54	20
5365-00-733-8667	10	14	2805-00-774-4798	9	23

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STOCK NUMBER	FIGURE NO	ITEM NO	STOCK NUMBER	FIGURE NO	ITEM NO
5307-00-774-4803	5	18	5306-00-822-5176	16	24
5340-00-774-4858	49	21	4730-00-822-5609	56	3
	50	15	5315-00-823-8735	19	27
5310-00-776-7317	9	11	5310-00-823-8835	40	24
	9	25	4730-00-825-7304	44	45
5310-00-776-7318	25	8		45	15
	26	15	5340-00-828-2830	12	13
	40	5	5315-00-828-4485	47	36
	56	19		47	44
	57	7		47	52
	63	4	5365-00-828-7570	53	13
2805-00-776-7321	9	12	5325-00-829-2141	12	19
	9	29	5330-00-833-7491	41	10
5315-00-776-7363	6	4	5310-00-834-7606	67	13
	7	5	4730-00-836-3498	39	8
5307-00-776-7804	5	15	4730-00-836-7807	38	46
	12	3	5120-00-837-5091	73	21
5307-00-776-7805	5	15	4730-00-837-7073	13	7
	12	3		42	41
5210-00-793-7897	73	16	5306-00-837-9469	33	21
5210-00-793-7898	73	15	5315-00-839-2325	33	25
5210-00-793-7899	73	14		52	22
5365-00-795-7952	73	22	5315-00-839-5820	30	18
4710-00-795-7953	73	11		31	22
4910-00-795-7954	71	12		33	3
4910-00-795-7955	71	1		48	33
5120-00-795-7956	73	1		53	23
4910-00-795-7958	73	10		54	16
4910-00-795-7961	73	20	5330-00-839-5862	47	21
5120-00-797-2405	72	1	5310-00-842-1295	40	18
5120-00-797-2407	72	3	5310-00-842-1488	30	19
4730-00-797-6566	38	9		31	21
4330-00-801-1152	KITS			33	4
4730-00-802-2818	64	6		53	22
5365-00-803-7304	53	1		54	17
	54	25	4730-00-842-1766	56	32
5365-00-803-7305	47	15	5325-00-842-2613	47	46
	47	40	5340-00-843-7825	44	27
	48	1		45	16
5365-00-803-7317	13	1	5315-00-844-3963	8	16
5325-00-804-2782	33	34	4730-00-845-0921	39	18
5365-00-804-2786	33	2	3120-00-846-2012	47	55
5331-00-805-2966	21	32	5320-00-850-3282	28	2
	41	3	3020-00-851-9176	29	7
5310-00-807-1465	38	24	5310-00-853-9335	47	27
5310-00-807-1469	55	18		47	37
4730-00-807-3003	38	26		48	16
5306-00-807-9371	35	17	5340-00-854-6729	21	35
5331-00-808-0794	56	4		61	5
2940-00-808-2421	43	7	4910-00-856-4137	70	1
5340-00-809-1490	42	1	8145-00-856-8147	67	1
5310-00-809-3078	28	20	5120-00-861-1170	72	5
5310-00-809-4058	43	5	3040-00-861-1447	29	9
5310-00-809-8533	38	14	3040-00-861-1448	29	3
4730-00-812-7999	21	37	3020-00-861-3829	7	1
4730-00-813-9611	38	29	5307-00-866-6736	12	6
	39	10		17	3
6685-00-814-5271	60	1	5307-00-866-6737	12	6
5330-00-814-6675	5	10		17	3
	31	28	4710-00-869-3595	20	4
5330-00-818-4591	38	37	4910-00-870-6283	71	11
5305-00-821-3869	43	20	4730-00-873-0110	13	11
5365-00-822-2136	29	28	5310-00-877-5796	51	10

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STOCK NUMBER	FIGURE NO	ITEM NO	STOCK NUMBER	FIGURE NO	ITEM NO
5310-00-877-5797	21	27	5330-00-954-2740	5	24
5310-00-877-5797	37	13	5340-00-954-6014	39	3
	44	23	5305-00-958-4346	58	26
	45	8	5305-00-958-5451	62	9
	51	4	5310-00-959-1488	1	8
	56	25		10	18
	58	22		11	40
	69	9		15	4
5365-00-878-9932	34	13		29	18
2910-00-878-9933	34	12		31	1
5310-00-891-1752	48	14		32	5
5305-00-891-7871	47	38		52	19
5330-00-899-1504	1	22		54	38
3110-00-899-9409	31	7	5340-00-964-5267	21	18
9905-00-901-2942	67	18		42	14
5330-00-902-3189	55	22		64	13
3110-00-903-1493	31	8	5305-00-965-6837	32	1
5340-00-904-0933	62	14	6680-00-973-1263	11	22
5305-00-905-2712	38	32	4810-00-974-7605	44	3
5310-00-905-4600	25	10		44	31
	26	18		46	4
5306-00-906-9702	10	3	5310-00-975-2075	56	8
	11	3	5310-00-982-4908	14	12
4730-00-908-3193	10	22		18	8
	11	37		22	27
	21	22		23	15
	53	17		25	7
4730-00-909-8627	15	10		26	17
5305-00-912-5113	16	19		42	18
5305-00-914-6131	54	13	5310-00-982-4912	2	18
5340-00-922-6300	21	28		27	2
	44	25		36	22
	45	7		37	23
	56	26		42	28
5340-00-922-6301	45	13		44	36
	58	21		45	31
	62	15		48	22
5310-00-925-9642	1	10	5310-00-982-6809	57	14
4730-00-930-7776	44	4	5305-00-984-4988	38	18
	46	11	4910-00-986-9873	70	3
3040-00-932-5001	47	50	5340-00-988-1162	62	21
4730-00-933-3138	69	1	5305-00-988-1721	49	26
5315-00-934-0285	47	29	5305-00-988-1724	49	14
5310-00-934-9734	58	24		50	8
5310-00-934-9747	62	11	5220-00-988-8774	71	6
5310-00-934-9751	62	6	5340-00-989-1771	61	9
5310-00-934-9758	62	12		69	6
5970-00-935-0082	65	24	5305-00-989-7435	62	2
5970-00-935-0130	58	6	5365-00-989-7682	16	16
	65	38	5340-00-989-9222	37	12
3130-00-937-1467	29	11		44	48
3040-00-937-4846	54	32		45	33
5310-00-941-3598	38	23	5331-00-990-4143	10	29
4730-00-941-6026	56	12		11	15
5305-00-942-2170	18	12	5340-00-990-7610	58	20
	19	41	9525-00-990-7799	BULK	
5310-00-945-0528	48	32	5305-00-993-1848	62	17
5305-00-945-6412	24	2	5305-00-993-1851	37	10
4720-00-947-2116	37	14		44	26
5310-00-950-0039	1	19		45	5
	14	11		56	27
	16	21		58	19
4730-00-951-3974	38	40		69	7

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6620-00-993-5546	60	2	3040-01-018-3702	48	7
5340-00-993-6207	42	46	5307-01-019-8946	19	22
5970-00-994-1160	58	15	5307-01-019-8947	19	22
	65	27	5365-01-021-3088	36	21
4730-00-995-1559	21	7	3120-01-022-2044	48	13
4730-00-995-1568	21	4	2910-01-022-6967	42	12
4730-00-995-1590	38	42	5970-01-023-8658	65	61
2930-00-997-1537	52	13	3120-01-024-9168	48	17
2815-01-005-1463	31	3	3040-01-026-0704	9	2
4730-01-005-2014	35	24	4730-01-026-1848	44	2
5180-01-005-2995	73	8	5340-01-026-2008	36	34
5120-01-005-2996	73	7	5340-01-026-4024	36	19
5120-01-005-3000	73	3	5935-01-026-5872	65	12
5120-01-005-3001	73	2	5340-01-026-9982	49	6
5220-01-005-3002	71	8	3040-01-027-0761	47	30
5220-01-005-3003	71	7	5307-01-027-4732	1	16
5330-01-005-4043	15	2	6145-01-028-0985	58	17
4730-01-007-5232	21	19	4730-01-030-4950	12	8
	41	2	4720-01-031-0519	42	23
2930-01-007-5277	50	17	5340-01-031-4286	4	17
6150-01-008-1440	56	14	5330-01-031-6954	47	6
6150-01-008-1441	63	12	4730-01-032-1393	56	23
4720-01-009-5833	37	3	5120-01-034-1698	72	17
5340-01-010-6169	36	37	5330-01-037-0800	55	20
5340-01-010-6170	36	8	2910-01-037-4741	42	27
5340-01-010-6171	36	16	3110-01-038-5721	31	9
5340-01-010-6172	36	17	5120-01-039-2809	73	18
5340-01-010-6173	36	7	2910-01-041-3370	44	13
5340-01-010-6174	36	36		45	25
5340-01-010-9086	40	26	5340-01-044-5315	49	1
5340-01-010-9347	25	15	5365-01-044-8400	36	25
	26	10	5340-01-046-6826	47	7
5340-01-010-9348	25	18	5360-01-047-9364	48	19
	26	8	5340-01-047-9403	36	28
5360-01-011-0732	47	8	2920-01-048-6052	56	18
4730-01-011-3961	37	15	5340-01-048-8600	40	12
4820-01-011-9665	56	11	6620-01-050-2086	24	18
2930-01-012-2879	50	10	5340-01-052-5072	15	17
5305-01-013-1424	47	28	4720-01-053-2018	42	25
5307-01-013-3088	19	25	4720-01-053-2019	42	13
5307-01-013-3089	19	25	5330-01-053-2920	14	8
3120-01-013-3629	KITS		5340-01-053-4866	43	2
5306-01-013-7020	36	38	5970-01-054-6699	65	34
5307-01-013-7889	4	5	4730-01-055-4021	44	32
5307-01-013-7890	4	5	4730-01-069-7696	39	5
3110-01-013-9708	48	2	2940-01-070-5969	14	5
5310-01-014-1087	19	5	2910-01-073-0080	14	1
5310-01-014-1090	19	18	5325-01-073-2809	2	22
5307-01-014-1254	4	8		3	13
5307-01-014-1255	4	8		4	12
5340-01-014-7060	17	6		5	4
5307-01-014-7885	19	24		5	12
9320-01-014-8683	BULK			10	35
5340-01-015-9788	36	35		11	48
5340-01-015-9789	36	24		12	4
5945-01-016-0875	47	5		19	34
4730-01-016-2531	56	29		19	46
4730-01-016-5907	56	30		42	10
2910-01-017-1482	42	26	5975-01-083-5736	65	9
3040-01-017-1483	9	30	5975-01-083-5738	58	8
5340-01-017-4508	36	20	5970-01-084-4088	65	42
5340-01-017-6947	36	23	5330-01-093-0650	24	12
3040-01-018-3701	48	31	5935-01-093-7259	65	56

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5975-01-094-4698	65	39	4710-01-248-9634	2	4
3110-01-094-9268	33	9		30	8
6145-01-102-4660	BULK			54	9
5330-01-102-4685	43	6	5340-01-249-7910	41	5
4730-01-103-3275	21	34	3120-01-252-3373	4	6
5340-01-113-1182	65	6	5935-01-259-4846	65	36
5365-01-114-7409	55	4	5935-01-259-5549	65	35
6680-01-114-7653	61	3	3040-01-270-5934	47	11
5970-01-116-0284	65	41	5360-01-274-3562	47	42
5330-01-117-8833	55	16	5935-01-274-7037	65	10
5120-01-119-4172	72	16	5340-01-275-3402	38	21
5306-01-121-5470	38	35	5340-01-282-8165	47	9
5330-01-123-2656	43	18	9905-01-292-9065	66	4
5330-01-123-3303	27	19	5315-01-296-8814	3	4
5970-01-126-4880	65	51	4720-01-297-5122	42	22
4730-01-130-1868	38	48	2815-01-298-1128	6	10
5340-01-133-4044	21	52	5330-01-298-4850	14	6
	63	8	5310-01-301-7863	7	6
5315-01-135-0181	47	10	5310-01-303-5647	36	30
5940-01-135-7080	65	15	5325-01-309-7164	49	30
5940-01-135-7081	65	19		50	20
5970-01-136-3209	65	59	4730-01-314-2874	35	12
4710-01-139-1863	39	6	4730-01-316-9217	39	7
2920-01-139-3722	57	1	6145-01-322-5000	58	5
4710-01-140-6558	39	1		65	30
5935-01-146-3009	65	48	4730-01-324-5071	38	27
5340-01-147-3136	57	5	6145-01-326-4726	65	53
5307-01-147-3350	19	29	5120-01-335-1162	72	8
5930-01-147-7912	41	4	5970-01-336-3597	58	7
5930-01-148-8874	61	8	5310-01-336-5350	63	11
5935-01-149-5165	65	45	5975-01-343-2770	65	3
5310-01-151-2732	25	3	5970-01-344-0721	65	60
	26	3	4720-01-346-9754	21	49
5935-01-154-6233	65	2	5330-01-347-8164	27	4
4720-01-155-5061	21	51	6620-01-373-5894	64	1
5970-01-159-8667	65	62	5305-01-415-5526	1	5
5330-01-160-4343	53	14	2815-01-422-4184	5	1
2520-01-160-8074	55	8	4710-01-422-4185	27	14
4330-01-161-5339	43	14	4730-01-422-4186	40	21
4730-01-167-1997	38	19	6150-01-422-4190	58	1
6685-01-167-4298	61	7	3040-01-422-4193	11	18
5970-01-168-0247	65	49	4710-01-422-4194	27	5
5340-01-170-1935	58	14	5945-01-422-4195	47	2
4730-01-172-4323	38	13	2520-01-422-4200	24	16
4720-01-173-4145	41	9	2815-01-422-4201	8	1
4720-01-173-4613	41	1	2835-01-422-4202	22	5
4720-01-173-4614	41	12	5340-01-422-4203	38	1
5970-01-176-6892	65	37	4730-01-422-4206	40	25
5935-01-189-3226	58	9	5340-01-422-4207	49	27
4720-01-200-3135	21	36	6150-01-422-4208	65	1
4720-01-207-6362	21	50	2930-01-422-5415	28	1
4730-01-216-8641	65	21	4140-01-424-0474	49	7
5935-01-219-5462	65	55	2930-01-424-6731	24	17
5935-01-227-5707	58	10	2520-01-424-6732	24	27
5330-01-229-3452	6	5	5340-01-424-7904	62	22
4730-01-229-9673	21	16	2815-01-426-3916	12	1
5935-01-233-3416	65	43	6150-01-426-6557	58	11
2815-01-233-9709	6	1	2815-01-426-8352	5	1
5970-01-234-1020	65	50	2815-01-426-8353	5	1
5935-01-239-8951	58	3	5340-01-428-8998	62	7
	58	13	2990-01-430-5404	44	12
	65	40	5365-01-431-0619	62	4
5935-01-244-6743	65	5	2930-01-431-3056	22	11

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3040-01-431-3058	54	1	5340-01-433-3470	33	35
2815-01-431-5094	5	1	5340-01-433-4037	22	21
2930-01-431-7559	23	7		23	28
2815-01-432-0366	5	1	5307-01-433-4084	4	4
2950-01-432-0369	40	10	5306-01-433-4086	25	21
2910-01-432-0371	42	6		26	4
2815-01-432-1235	2	1	5310-01-433-4087	32	2
2990-01-432-1527	45	21	4730-01-433-4423	24	13
3010-01-432-2688	35	6	4730-01-433-4425	27	17
2815-01-432-3162	54	18	4730-01-433-4426	27	13
5970-01-432-6466	65	8	5307-01-433-4754	3	16
5970-01-432-6467	65	47	5307-01-433-4755	3	16
2815-01-432-8526	33	10	5306-01-433-4756	8	6
2910-01-432-8527	34	1	5307-01-433-4769	3	11
3040-01-432-9023	1	14	5365-01-433-4975	8	5
4730-01-432-9922	21	46	4730-01-433-4996	13	16
2815-01-433-0030	1	2	4730-01-433-5011	28	10
5340-01-433-0518	36	32	4730-01-433-5016	52	8
5340-01-433-0523	36	27	2590-01-433-5252	15	6
5340-01-433-0526	39	13	5330-01-433-5264	22	3
5340-01-433-0538	32	7	5330-01-433-5274	34	2
5340-01-433-0540	42	29	5330-01-433-5288	35	9
5340-01-433-0572	40	7	5330-01-433-5298	28	26
5340-01-433-0591	40	31	5330-01-433-5304	28	39
5340-01-433-1081	40	8		28	40
5340-01-433-1082	28	38	5330-01-433-5309	28	4
5340-01-433-1085	28	13	6150-01-433-5539	44	35
5340-01-433-1088	28	7		45	26
5340-01-433-1136	38	47	5970-01-433-5585	65	63
5340-01-433-1141	36	31	5970-01-433-5588	65	66
5340-01-433-1725	48	12	5970-01-433-5589	65	14
	48	25	5330-01-433-5824	44	34
5340-01-433-1778	51	2		45	32
5340-01-433-1779	44	40	5330-01-433-5845	40	23
	45	30	5330-01-433-5855	KITS	
5340-01-433-2320	22	19	5310-01-433-6139	52	7
5340-01-433-2322	25	13	6680-01-433-6408	11	21
5340-01-433-2366	15	13	6680-01-433-6434	15	1
5340-01-433-2367	22	22	5930-01-433-6617	60	3
5310-01-433-2370	52	6	4720-01-433-7178	21	26
5340-01-433-2722	22	20	4720-01-433-7180	21	3
	23	25	4720-01-433-7181	21	9
5340-01-433-2725	23	26	4720-01-433-7182	56	1
5340-01-433-2726	22	23	4720-01-433-7183	56	31
5340-01-433-2728	22	9	5340-01-433-7351	40	32
	23	4	4730-01-433-8137	21	41
5340-01-433-2729	23	24	4730-01-433-8138	24	23
5340-01-433-2739	15	7	2815-01-433-8139	11	6
5340-01-433-2749	22	26	4730-01-433-8140	25	17
	23	14	2815-01-433-8141	10	6
5307-01-433-2750	4	4	4730-01-433-8142	26	13
5340-01-433-2751	13	9	2815-01-433-8143	27	8
5340-01-433-2875	36	26	3040-01-433-8144	33	7
4720-01-433-3034	44	21	2815-01-433-8145	27	11
4720-01-433-3036	44	10	4730-01-433-8146	37	8
5340-01-433-3292	27	12	2815-01-433-8147	51	9
5340-01-433-3293	27	7	2815-01-433-8149	51	7
5315-01-433-3317	4	14	4730-01-433-8163	25	4
5340-01-433-3412	15	5		26	5
5340-01-433-3413	38	22	4720-01-433-8259	37	9
5340-01-433-3414	23	1	4720-01-433-8260	21	13
5340-01-433-3434	37	20	4720-01-433-8261	21	14
5340-01-433-3459	33	35	4720-01-433-8262	38	17

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4720-01-433-8263	38	12	4710-01-434-5200	36	13
4720-01-433-8267	38	4	4710-01-434-5201	36	12
4720-01-433-8275	21	40	4710-01-434-5202	36	14
4720-01-433-8276	24	25	2910-01-434-5204	46	10
4720-01-433-8277	24	26	2815-01-434-5205	50	30
4710-01-433-8278	27	3	2815-01-434-5217	49	18
4720-01-433-8279	21	21	4710-01-434-5413	20	17
3040-01-433-8280	31	5	4710-01-434-5414	20	16
5365-01-433-8408	31	27	4710-01-434-5415	21	47
5330-01-433-8443	31	10	4720-01-434-5416	21	45
3040-01-433-8556	31	23	2815-01-434-5417	25	2
4910-01-433-8696	1	20	4710-01-434-5418	21	44
2510-01-433-8705	24	19	3020-01-434-5419	19	6
5365-01-433-9368	2	9	2815-01-434-5420	26	12
5365-01-433-9371	48	11	2815-01-434-5421	26	21
	48	24	2815-01-434-5422	27	1
5360-01-433-9373	28	27	3010-01-434-5423	32	3
5365-01-433-9376	51	8	4710-01-434-5424	39	9
5365-01-433-9378	50	28	4710-01-434-5425	45	3
5360-01-433-9379	33	29	4720-01-434-5426	44	39
2815-01-433-9603	19	1		45	14
5310-01-434-0062	5	23	4820-01-434-5427	44	19
5315-01-434-0070	3	9		45	10
2930-01-434-0166	49	10	4730-01-434-5429	56	9
3020-01-434-0185	KITS		3020-01-434-5430	19	53
3020-01-434-0191	KITS		2815-01-434-5913	50	32
3040-01-434-0438	53	20	2815-01-434-5914	50	23
3040-01-434-0530	6	8	2815-01-434-5915	49	29
3020-01-434-0667	KITS		2815-01-434-5935	7	8
2910-01-434-0761	34	4	2930-01-434-5945	49	17
4710-01-434-0787	4	10	2510-01-434-6139	24	1
5306-01-434-0874	1	13	2520-01-434-6160	50	1
4710-01-434-1495	44	44	2815-01-434-6168	50	5
3040-01-434-2463	47	26	3040-01-434-6170	29	23
2950-01-434-3229	40	10	2930-01-434-6179	51	5
3040-01-434-3364	1	4	2920-01-434-6195	57	13
4720-01-434-3980	38	39	2815-01-434-6209	50	31
4710-01-434-3999	20	21	2815-01-434-6783	51	7
4710-01-434-4013	20	9	2910-01-434-7199	38	38
2930-01-434-4019	28	28	2910-01-434-7390	34	8
2930-01-434-4020	28	28	4710-01-434-7964	42	44
4710-01-434-4026	20	1	2930-01-434-8225	51	5
4710-01-434-4029	39	4	2815-01-434-8228	51	9
2815-01-434-4203	8	13	3040-01-434-8610	48	28
2815-01-434-5177	8	9	2520-01-435-0395	55	1
2815-01-434-5179	KITS		2930-01-435-0621	22	31
4710-01-434-5181	15	3		23	21
4710-01-434-5183	20	10	2590-01-435-0624	28	34
2815-01-434-5184	25	20	2815-01-435-0634	24	3
2815-01-434-5185	27	1	2510-01-435-0643	24	6
2815-01-434-5186	28	16	2990-01-435-0647	40	33
2815-01-434-5187	28	15	2590-01-435-0660	50	5
2815-01-434-5188	28	25	2590-01-435-0672	50	31
2815-01-434-5189	28	31	2510-01-435-0816	24	7
4710-01-434-5191	36	1	4730-01-435-1063	7	3
4710-01-434-5192	36	2	2930-01-435-1064	30	1
4710-01-434-5193	36	4	2815-01-435-1432	50	24
4710-01-434-5194	36	3	2910-01-435-1710	35	1
4710-01-434-5195	36	5	9905-01-435-2410	66	3
4710-01-434-5196	36	6	3120-01-435-2828	48	26
4710-01-434-5197	36	9	5340-01-435-2839	58	4
4710-01-434-5198	36	10	5935-01-435-5194	65	20
4710-01-434-5199	36	11	5935-01-435-5196	65	13

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2510-01-435-7979	24	9	5340-01-439-9222	46	12
2510-01-435-7980	28	19	2910-01-439-9834	33	6
2510-01-435-9998	24	8	3940-01-440-0283	70	2
3120-01-436-3363	KITS		4910-01-440-0842	74	5
3120-01-436-3366	KITS		5340-01-440-1429	26	16
3110-01-436-3694	33	23	5325-01-440-2181	22	29
3120-01-436-3954	KITS			23	19
2510-01-436-4171	28	7	4710-01-440-5397	21	23
2510-01-436-4172	28	44	4720-01-440-5405	10	23
2510-01-436-4173	28	12		11	38
2510-01-436-4174	28	44		21	24
2510-01-436-4176	28	14	4710-01-440-6933	21	31
2510-01-436-4177	28	12	2815-01-441-9580	16	1
2510-01-436-4178	28	14	5340-01-442-8635	33	35
2510-01-436-4179	28	13	5120-01-443-1071	74	4
2510-01-436-4180	28	18	5120-01-443-1556	74	2
4710-01-436-5532	2	7	5120-01-443-1557	74	1
	30	12	5120-01-443-1559	74	3
5340-01-437-0481	22	4	5640-01-444-0191	65	64
5340-01-437-3218	63	7	5340-01-444-1041	38	2
2950-01-437-3276	40	16	5306-01-444-3005	7	7
2990-01-437-3464	50	27	5120-01-444-3657	74	6
2815-01-437-4746	50	18	2910-01-445-8097	42	35
4820-01-437-5036	39	11	5340-01-446-4889	62	5
4720-01-438-7675	46	18	9535-01-446-6297	28	3
4720-01-439-0582	46	2	4720-01-448-0708	46	7
4820-01-439-1736	38	30	4720-01-453-2096	38	8
3020-01-439-3445	29	13	4710-01-453-8766	20	8
5340-01-439-3761	46	15	4910-01-453-9010	1	18
5340-01-439-3762	46	16	3040-01-454-3534	35	3
5340-01-439-3764	57	3	5331-01-455-0071	35	21
5306-01-439-4228	7	9	4720-01-465-2555	45	1
2920-01-439-4329	73	9	5970-12-151-4455	65	22
3130-01-439-5505	33	37	5970-12-151-4504	65	29
5365-01-439-8166	2	13	5970-12-151-4505	65	23
5340-01-439-8186	21	54			

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006451499	67	10	10951061	34	6
01858	63	7	10951076	55	3
056461-01	43	7	10951077	55	4
0612596-00	10	22	10951079	55	11
	11	37	10951083	55	8
	21	22	10951084	55	7
	53	17	10951108	56	33
10603-0	BULK		10951119	55	2
1070784	BULK		10951230	67	6
10863824	67	15	10951231	67	16
10865001	57	6	10951239	9	20
10865283	10	26	10951369	55	10
	11	16	10951434	42	9
10865321	47	38	10951434-1	42	11
10865361	31	3	110 3-8	5	10
10865374	44	41		31	28
	45	29	110 5-16	15	14
10865381	31	26	111X03502X0000	29	8
10865382	31	27	11602062	43	8
10867369	38	25	11610010	9	19
10882615	73	15	11610232	43	6
10882616	73	14	11640392	68	1
10882617	73	16	11641744	43	16
10882649	33	18	11641857	43	18
10882650	33	19	11642088	72	6
10882651	73	22	11642089	72	7
10882757	55	6	11642123	30	20
10882888	73	1	11655469	56	5
10882888-1	73	2	11662775-1	71	4
10882888-2	73	3	11662775-2	71	3
10882945	71	12	11668067	9	21
10882949	73	10	11668259	47	5
10882953	73	5	11668287	71	9
10882954	73	4	11668315	8	10
10882958	71	1	11668315-1	8	10
10882963	73	11	11668315-2	8	10
10882970	4	15	11668315-3	8	10
10883052	72	10	11668315-4	8	10
10883053	72	9	11668316	8	11
10889712	33	11	11668316-1	8	11
10898746	33	21	11668316-2	8	11
10898777	29	7	11668316-3	8	11
10898778	7	1	11668316-4	8	11
10898779	29	9	11668614	29	12
10898813	1	16	11668619	14	7
10898915	29	3	11668622	19	5
10898928	70	3	11668623-1	12	14
10898933	1	22	11668623-3	17	6
10899180	71	11	11668625	42	48
10912260	70	1	11668629	42	21
10912269	67	1	11668634	56	23
10912270	67	3	11668688	36	38
10912271	67	7	11668689	56	9
10912298	67	2	11668690	56	11
10912558	29	15	11669424	14	1
10912589	71	6	11671485	49	1
10912589-1	71	7	11673856	56	6
10912589-2	71	8	11678085-1	BULK	
10921622-2	44	2	11678085-2	BULK	
10935359	34	17	11682593	10	32
10935368	47	6		11	12
10935386	47	19	11682595-1	56	14
10935396	47	13	11682595-2	63	12
10935397	47	14	11682601	47	8
10935537	55	22	11682606	47	7

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11682610	15	17	11684053	13	2
11682620-1	40	27	11684054	16	11
11682624	20	19	11684055	59	3
11682629-1	40	26	11684057	56	22
11682658	48	18	11684058	13	3
11682701	10	34	11684059	33	5
11682702	10	36	11684060	13	6
11682703	11	45	11684061	16	12
11682704	11	47	11684062	16	18
11682722	29	25	11684063	33	36
11682767	48	2	11684066	13	5
11683925	13	28	11684073-2	4	6
11683926	13	30	11684073-3	17	9
11683929	19	33	11684073-6	17	10
11683932	8	3	11684075	18	5
11683935	8	8	11684086	19	45
11683944	19	16	11684090	4	10
11683945	19	19	11684091	16	15
11683946	19	23	11684093-1	22	6
11683948	8	2		22	13
11683950	16	3		23	12
11683951	19	32		49	9
11683955	19	14		49	11
11683956	19	15		49	28
11683957	19	30	11684093-2	22	12
11683958	19	20		23	13
11683959	19	31		49	8
11683960	19	61		50	2
11683961	19	9	11684095	16	14
11683962	19	58	11684097	44	51
11683963	19	7	11684100	44	33
11683964	21	43	11684101	44	52
11683965	19	44	11684104	19	55
11683968	19	56	11684105-2	19	47
11683969	19	8		19	59
11683971	19	43	11684105-4	19	10
11683973	19	42	11684105-5	19	26
11683974	49	25	11684106	22	30
11683975	18	3		23	20
11683995	17	11	11684107-2	19	49
11683997	19	21		19	57
11683999	16	20	11684111	56	30
11684002	16	4	11684126	42	17
11684007	16	5	11684128	42	36
11684013	19	4	11684131	48	31
11684021	47	56	11684133	13	17
11684022-2	42	44	11684135	10	28
11684028	47	53		11	17
11684032	48	29	11684143	36	16
11684033	13	19	11684144	36	17
11684034	13	4	11684145	36	8
11684035	16	6	11684146	36	7
11684036	18	9	11684147	36	36
11684037	18	6	11684148	36	37
11684038	18	7	11684153	73	8
11684039-2	18	15	11684154	36	34
11684039-4	18	14	11684155	36	19
11684040	16	17	11684156	36	23
11684042	19	18	11684157	36	24
11684043-1	14	5	11684158	36	20
11684044	19	12	11684159	36	35
11684045	19	13	11684160	36	21
11684046	19	62	11684162	56	18
11684047	14	6	11684166	73	7
11684052	18	16	11684202	40	14

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11684203	40	12	12366708-2	40	10
11684208	37	15	12448254	62	7
11684235	25	15	12Z329PC93	12	12
	26	10		17	7
11684236	25	18	1406	29	6
	26	8	150190	44	15
11684260	42	12		45	23
11684261	42	26	1631082	BULK	
11684265	50	10	1990272	57	1
11684266	50	17	2-2 130139C	44	4
12-8 140140C	13	18		46	11
12254202	47	17	2-2 140239C	44	5
12254203	47	18		45	18
12254205	47	30		46	3
12254213	72	17	202E334-51	65	6
12254221	42	27	202F211-50	65	3
12254231	43	2	202F211-51	65	39
12254235	55	20	202F221-50	58	8
12254238	6	2	202F263-50	65	14
12254244	73	18	208K	53	10
12254249	6	1		54	34
12254278	44	13	2220036	47	22
	45	25		47	41
12254293-1	36	26	222F221-51	65	41
12254293-2	36	27	222F242-51	65	9
12254294	36	25	26004-6223	47	21
12254295	36	28	26031-7020	47	25
12254331	48	19	28M68	43	9
12258931-1	61	3	28M94	43	1
12258932-5	64	1	300113	9	13
12258932-6	61	7	301A511-50/131	65	66
12258938	61	8	301A512-50/131	65	63
12258940-4	65	2	302371	9	23
1227-6	72	18	302491	49	21
12273147-129	58	14		50	15
12273147-130	58	4	305259	2	10
12273162-210	65	21	307	55	19
12273176-129	58	18	345889PC404	2	2
12275796	57	5		13	26
12275805	72	16	352847	28	10
12275810	39	1	352848	22	29
12275812	39	6		23	19
12314648	47	9	353255-10	22	16
12314650	47	42		23	9
12314656	47	11	353255-11	22	15
12354347	41	5		23	11
12354391	66	4	353255-12	22	14
12354414	50	27		23	10
12354415	50	18	353255-9	22	17
12354416	50	9		23	8
12354418-1	25	13	353269-1	21	40
12354418-2	26	16	353269-3	21	45
12354419	25	21	353269-4	21	21
	26	4	353326	33	23
12354443	36	31	353352	27	8
12354444	36	32	353352-2	27	11
12354445	36	29	3552-5	72	1
12366100	70	2	4-2 070302C	21	4
12366395	21	23	4-4 070103CA	64	6
12366401	62	4	4-4 071602C	56	29
12366413	21	31	4-4 140239C	44	17
12366424-1	10	23		45	12
	11	38	4-4 140424C	38	48
	21	24	4-4-2 070425CA	21	25
12366708-1	40	10		44	6

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PART NUMBER	FIG.	ITEM	PART NUMBER	FIG.	ITEM
400507	10	14	5704348	KITS	
400507	11	33	5704366	KITS	
	54	6	5704380	71	2
401752	17	4	5704381	KITS	
	30	4	5704382	KITS	
	31	19	5704383	KITS	
	54	4	5704485	KITS	
401809H	19	24	5704486	KITS	
401819	10	37	5704487	KITS	
	11	46	583294	10	12
	12	17		11	42
	30	21	583486	10	38
401874S	31	18		11	10
401895J	17	5	583707	19	38
	30	3	583767	10	25
	54	2		11	35
401965S	12	11	585094	15	12
401975S	12	9	585811	49	2
	30	2	586365	33	24
	30	7	586596	10	27
	54	8		11	27
41309	7	7	587195	20	15
415146	32	8	597409	28	26
423884	37	24	5X7EG1	59	6
425598	22	2	6-2 140140C	13	11
	23	2	6-4 070202SA	38	40
425640	21	5	6-4 140137C	39	12
	28	17	6-6 070221CA	21	8
	49	16	650338	19	6
425828	39	16	650339	19	53
	42	37	651383	53	8
	44	9	651385	54	31
	46	6	651387	53	21
	50	6		54	30
44004-10	15	7	651603	28	18
444011	35	24	651604	28	13
444699	2	5	651608	28	38
	3	17	651641	27	17
444715	12	5	653254	62	22
	17	12	653409	48	12
462A422-50	65	60		48	25
5-5 070120CA	41	11	653912	10	1
501031	2	21	653982	10	6
	3	10	654098	33	12
	4	1	654112-1	45	24
	30	10	654112-2	44	14
	54	7	654115	33	7
501868	53	6	654191	51	7
	54	36	654192	51	7
509-355-060	44	19	654251	31	5
	45	10	654266	31	10
515368	9	14	654408-1	44	35
515462	9	18		45	26
5208	53	4	654911	53	20
	54	28	655078	1	3
523557	20	5	655080	1	1
525722	56	16	655082	3	9
5306W	29	27	655396-3	38	2
5379997	73	12	655401	46	10
554132	52	9	655435	22	9
5702616	KITS			23	4
5702617	KITS		655749	40	32
5702641	KITS		655991	49	10
5702674	KITS		657036	2	1
5702738	KITS		657081	8	4

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657206	54	5		30	3
676504	16	10		54	2
677100	16	1	7348663	19	24
678909	55	1	7348668	12	9
678920	55	9		30	7
679777	52	7		54	8
679858	13	16	7348671	3	11
699336	52	8	7348672	3	11
699783	33	37	7348782	3	12
699784	54	21	7348783	3	12
699787	54	18	7348797	4	16
700078	19	52	7348798	4	16
701077	33	9	7348803	3	3
703055-600	6	10		30	9
7057332-4	21	52	7348804	3	3
	63	8		30	9
7062198	44	43	7348812	12	16
	45	27	7348813	12	16
7065766	30	5	7350206	20	3
7065767	30	5	7359808	1	17
7082204-A8375091	73	21	7399-5	47	54
7083696	72	15	7403138-6	5	20
7083697	72	14	7403138-7	5	20
7083698	72	13	7403580	24	11
7083699	72	12	7403580-1	14	8
7084278	57	2	7403580-2	24	12
7084444	31	16	7410163	31	18
7084445	31	16	7414584	22	1
7084526	27	6		44	7
	27	15		49	5
7084536	19	25	7415384	12	11
7084537	19	25	7416363	60	2
7234-S	6	5	7416591	3	4
7320384	9	1	7416751	2	35
7320393	9	30	7551-8	72	5
7320394	9	2	7552-6	72	2
7320400	33	20	7552-7	72	3
7320403	33	16	7552-8	72	4
7320407	5	9	7723892	1	11
7320408	9	4	7744555	5	18
7320411	1	6	7744572	12	7
7320420	5	3	7744573	12	7
7320421	5	5	7744605	54	20
7320427	9	15	7744617	9	22
7320428	9	17	7744699	19	48
7320429	9	16		19	60
7320440	30	16	7744795	54	20
7320459	40	11	7744803	5	18
7320463	53	16	7744813	10	37
7320469	53	19		11	46
7320476	2	31		12	17
7320480	53	15		30	21
7323988	35	19	7751056	72	19
7323994	37	2	7767317	9	11
7324661	37	6		9	25
7324900	14	9	7767318	25	8
7335556	44	16		26	15
	45	22		40	5
7338671	30	13		56	19
7340058	35	23		57	7
7348529-2	4	5		63	4
7348529-3	4	5	7767321	9	12
7348529-6	4	8		9	29
7348529-7	4	8	7767363	6	4
7348596	17	5		7	5

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7767804	5	15		54	14
7767804	12	3	8682451	40	1
7767805	5	15	8682455	53	9
	12	3		54	29
7950177	73	13	8682469	2	4
7971982	30	24		30	8
7971983	30	24		54	9
7973326	67	18	8682500	4	22
7992645	3	1	8682501	4	22
7992646	3	1	8682505	25	5
7992649	31	14		26	2
7992650	31	14	8682512	2	6
7992653	4	9	8682513	2	7
7992654	4	9		30	12
7992657	4	21	8682539	31	25
7992658	4	21	8682540	10	13
7992665	30	14		11	31
7992666	30	14	8682541	10	15
7992669	3	5		11	34
7992670	3	5	8682561	49	6
7992673	54	10	8682623	50	16
7992674	54	10	8682626	50	12
7992677	3	8	8682658	52	3
7992678	3	8	8682674	53	3
7992681	3	7		54	27
7992682	3	7	8682676	47	43
7992685	3	6	8682677	47	50
7992686	3	6	8682679	24	20
7992689	30	15	8682680	13	8
7992690	30	15	8682682	52	16
7992693	3	2	8682689	29	26
7992694	3	2	8682708	47	51
7992697	3	15	8682709	47	45
7992698	3	15	8682730	33	15
7N9738	65	45	8682731	33	28
80090-9-22	7	9	8682732	33	33
8357819-1	24	18	8682745	11	19
8357967-4	15	11	8682752	40	34
8365383-6	19	22	8682753	20	20
8365383-7	19	22	8682756	49	13
8365809	2	20		50	26
	30	2	8682757	49	31
	30	25		50	29
	54	3	8682765	55	17
8365810	2	20	8682770	21	42
	30	25	8682780	48	28
	54	3	8682783	48	15
8393931	47	16	8682785	52	13
	47	32	8682786-1	48	7
	48	3	8682787	40	13
8666736	12	6		40	28
	17	3	8682804	4	20
8666737	12	6	8682805	4	20
	17	3	8682815	13	13
8679576	10	17	8682816	10	24
	11	41		11	36
	14	10	8682817	10	4
	16	22		11	4
	18	13	8698689	27	20
	19	40	8698690	27	18
	29	17	8708361	72	11
	30	17	8708419	71	10
	31	2	8708712	73	6
	32	6	8717298	6	3
	52	20	8717299	6	3

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8724986	6	11	8761132	15	13
8724986-1	6	11	8761188	31	20
8724987	6	7	8761190	20	4
8724987-1	6	7	8761193	20	6
8724995	6	12	8761199	31	17
8724995-1	6	12	8761200	31	17
8724996	6	6	8761203	54	22
8724996-1	6	6	8761204	54	22
8725096	19	54	8761206	31	13
8725099	19	39	8761226	53	18
8725113	19	37	8761244	33	1
8725115	19	36	8761260	55	15
8725140	4	15	8761269	50	11
8725141	2	12	8761270	50	19
8725144	2	16	8761272	57	4
8725145	2	23	8761273	29	14
8725146	2	17	8761279	2	14
8725170	2	13	8761295	1	21
8725176	5	14	8761297	72	20
8725177	5	14	8761328	6	11
8725179	5	21	8761329	6	7
8725180	5	21	8761330	6	12
8725181	2	26	8761331	6	6
8725184	2	33	8761337	52	11
8725208	9	28	8761390	53	5
8725209	9	10		54	37
8725211	13	24	8761412	35	20
8725218	13	15	8761432	51	1
8725222	13	12	8761440	29	29
8725224	13	22	8761442	31	15
8725226	54	32	8761443	31	15
8725227	53	11	8761449	21	10
	54	33	8761535	71	5
8725238	4	14	8761547	25	1
8725239	13	23		26	6
8725253	10	39	8761555	69	1
	11	9	8761598	20	12
8725254	2	30	8764639	49	12
8725256	2	32		50	7
8725271	9	9	8E-5839	27	4
8725273	2	36	9108K	53	2
8725275	29	16		54	26
8725276	13	20	9109K	55	14
8725277	32	9	9409402709	39	10
8725280	9	27	9420811	38	35
8725281	9	26	9422849	7	6
8725289	9	24	A22	20	2
8725293	9	8	A52472-1	42	35
8725295	9	7	A609019	43	11
8725296	9	3	AE3660060E0043	21	51
8725298	5	16	AE3660120E0260	21	50
8743025	73	20	AN104010	10	3
8745446	19	29		11	3
8745447	19	29	AN122718	5	22
8745480	46	17		30	26
8761016	48	5	AN177-24	40	20
8761018	48	20	AN178H41A	35	17
8761020	53	12	AN5H12A	55	12
8761022	29	11	AN5H20A	5	6
8761041	33	8	AN6-5A	52	1
8761062	55	21	AN779-4	37	4
8761063	55	23	AN7H10A	7	2
8761081	29	24	AN814-4D	24	14
8761091	20	7	AN833-8J	38	13
8761131	69	4	AN844-25D	21	46

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AN911-2J	56	10		11	30
AN924-10	21	12	B1821BH050F125N	1	5
AN931B9-13	28	11	B1821BH050F138N	35	4
AN960-1416	21	11	B1821BH056F200N	6	9
AN960-416	38	31	B1821BH063C225N	67	14
	44	30	B1821BH100C175N	32	1
	47	12	B613052	43	12
AN960-6	66	2	C13A	67	9
AN960-716	2	28	C300086	43	17
	10	9	C300087	43	10
	11	28	C3069X2	44	32
	29	20	C3209X8X6	38	26
	42	8	C5275X4	42	19
AN960-816	40	29	CC14981	35	6
AN960C1016L	47	47	CC14982	35	7
AS3582-230	10	29	CC14983	35	13
	11	15	CC14984	35	11
AS5161-04	37	1	CC14985	35	10
AS5178-08	38	16	CC40552MK12	35	12
	69	3	CF8E1D	43	14
B1821BH025C100N	38	7	CIR030GFP2428PF8	65	13
	43	3	0		
	46	14	CIR030GFP2821SF8	65	20
	48	30	0		
B1821BH025F044N	24	5	CPR1041	13	21
B1821BH025F056N	41	7	CPR124822	28	25
	42	45	CPR2257	28	31
B1821BH025F088N	51	6	D52S-13	41	4
B1821BH025F225D	38	32	DR-25 1/4-0	65	23
B1821BH031C113N	22	10	DR-25 3/4-0	65	22
	23	27	DR-25 3/8-0	65	29
B1821BH031F075N	8	18	DR-25-3/16-0-SP	65	49
	18	10	E150-1-12-5-1A	38	19
	27	16	E2CA100-007-1	37	20
	28	22	E2CA110-003	48	11
	37	17		48	24
	53	7	E2CA110-005	48	10
	54	35	E2CA128-006	58	11
	59	8	E5AR130-010	39	11
	63	9	E5AR130-011-2	38	30
	64	3	E5CM130-004	38	22
B1821BH031F175N	36	18	E8AR104-008	8	12
	48	9	E8AR104-008-1	8	12
B1821BH031F325N	5	8	E8AR104-008-2	8	12
B1821BH038C175N	43	20	E8AR104-008-3	8	12
B1821BH038F063N	39	19	E8AR104-008-4	8	12
B1821BH038F075N	16	2	E8AR106-0160	19	1
	22	24	E8AR129-001	51	8
	23	17	E8AR129-002	49	17
	28	8	E8AR129-008	23	24
	49	4	E8CR100-003	1	4
B1821BH038F100N	40	15	E8CR100-013	KITS	
B1821BH038F113N	50	4	E8CR100-018	1	18
B1821BH038F138N	14	2	E8CR103-001	7	4
	56	15	E8CR103-0010	7	3
	57	9	E8CR104-0030	KITS	
B1821BH038F175N	56	21	E8CR104-0040	KITS	
	57	8	E8CR104-0050	KITS	
B1821BH038F250N	40	3	E8CR104-0060	KITS	
B1821BH038F275N	52	4	E8CR104-0070	KITS	
B1821BH038F425N	28	37	E8CR104-0080	KITS	
B1821BH044F125N	11	26	E8CR104-0090	KITS	
	28	9	E8CR106-0011	12	1
	42	31	E8CR106-002	15	3

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E8CR106-009	20	1	E8DR128-010	38	3
E8CR106-010	23	7	E8DR128-0100	38	1
E8CR106-011	22	11	E8DR129-008	50	1
E8CR106-013	20	9	E8DR129-009	22	5
E8CR106-014	20	21	E8DR129-015	49	7
E8CR106-015	15	5	E8DR129-0250-1	54	1
E8CR108-0010	26	13	E8DR129-026	28	16
E8CR108-0020	26	21	E8DR129-027	28	15
E8CR108-0030	25	17	E8DR130-010	38	39
E8CR108-0040	25	2	E8DR130-018	42	38
E8CR109-0020	6	8	E8DR130-0230-1	45	21
E8CR110-0030	48	23	E8DR130-0230-2	44	12
E8CR110-008	47	24	E8DR130-035	11	20
E8CR110-009	47	26	E8DR130-0360	11	18
E8CR110-0100	47	1	E8DR130-039	42	29
E8CR110-0110	47	2	E8DR130-0440	34	1
E8CR110-014	47	39	E8DR130-0450	34	4
E8CR110-015	47	35	E8DR130-0480	39	4
E8CR110-0160	47	34	E8DR130-049	39	13
E8CR128-0090	65	1	E8DR130-0500	39	9
E8CR128-016-100	65	52	E8DR131-014	40	7
E8CR129-0010	49	27	E8DR131-015	40	8
E8CR129-0050	KITS		E8DR131-021	40	33
E8CR129-009	22	3	E8DR131-0220-1	28	23
E8CR129-0090	KITS		E8DR131-0220-2	28	23
E8CR129-013	30	6	E8DR133-001	11	21
E8CR129-0140-1	30	1	E8DR135-001	13	9
E8CR129-016	23	1	E8DR135-004	21	44
E8CR129-0200	22	4	E9A100-004-8	66	3
E8CR129-0210	50	24	E9A101-001	2	3
E8CR130-008	37	8	E9A104-011	8	6
E8CR130-0410	44	39	E9A106-001	8	14
	45	14	E9A109-001	10	5
E8CR130-051	35	21		11	5
E8CR131-0020	40	21	E9A109-002	31	24
E8CR131-0030	40	25	E9A109-003	10	33
E8CR131-005	40	31		11	11
E8CR131-014	28	27	E9A109-0040	31	23
E8CR131-015	28	13	E9AR100-011	2	9
E8CR132-001	1	15	E9AR100R002	1	20
E8CR132-0010	1	14	E9AR101-005	5	2
E8CR132-0030	1	2	E9AR101-005-1	5	2
E8CR134-002	29	23	E9AR101-005-2	5	2
E8DR101-002-1	4	4	E9AR101-005-3	5	2
E8DR101-002-2	4	4	E9AR101-005-4	5	2
E8DR103-001	7	8	E9AR101-006	5	1
E8DR104-006	8	9	E9AR101-006-1	5	1
E8DR104-006-1	8	9	E9AR101-006-2	5	1
E8DR104-006-2	8	9	E9AR101-006-3	5	1
E8DR104-006-3	8	9	E9AR101-006-4	5	1
E8DR104-006-4	8	9	E9AR101-132-1	3	16
E8DR105-0030	11	6	E9AR101-132-2	3	16
E8DR105-0050	11	1	E9AR104-003	8	5
E8DR106-0040	8	17	E9AR104-0070	KITS	
E8DR106-0050	8	13	E9AR104-019	8	19
E8DR106-009	20	17	E9AR104-019-1	8	19
E8DR106-011	24	13	E9AR104-019-2	8	19
E8DR106-016	15	1	E9AR104-0290	8	1
E8DR108-0030	45	3	E9AR105-0010	KITS	
E8DR108-0040	44	44	E9AR105-009	33	30
E8DR109-001	32	7	E9AR106-001	24	17
E8DR109-004	32	2	E9AR106-002	24	27
E8DR109-006	32	3	E9AR106-003	24	16

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E9AR106-041	24	23	E9AR130-0110	36	5
E9AR106-053-2	24	25	E9AR130-0120	36	4
E9AR106-053-3	24	26	E9AR130-0130	36	3
E9AR106-057	20	16	E9AR130-0140	36	2
E9AR106-0580	20	10	E9AR130-0150	36	1
E9AR106-0600	20	8	E9AR130-0160	36	9
E9AR106-076-1	24	8	E9AR130-0170	36	10
E9AR106-076-2	24	6	E9AR130-0180	36	11
E9AR106-077-1	24	7	E9AR130-0190	36	12
E9AR106-077-2	24	1	E9AR130-0200	36	13
E9AR106-078-1	24	9	E9AR130-0210	36	14
E9AR106-078-2	24	19	E9AR130-055-2	42	6
E9AR106-079	24	3	E9AR130-0710	46	12
E9AR107-005	57	13	E9AR130-077	46	16
E9AR107-018	29	13	E9AR130-078	46	15
E9AR108-001-1	27	1	E9AR130-2620	35	3
E9AR108-001-2	27	1	E9AR131-003-1	28	30
E9AR108-002	27	3	E9AR131-003-2	28	30
E9AR108-0030	27	5	E9AR131-0030-1	28	28
E9AR108-0040	27	14	E9AR131-0030-2	28	28
E9AR108-0060	26	12	E9AR131-005	28	44
E9AR108-0070	25	20	E9AR131-007	28	44
E9AR108-011	22	26	E9AR131-013	28	12
	23	14	E9AR131-014	28	14
E9AR108-111	25	4	E9AR131-016	28	34
	26	5	E9AR131-017	28	12
E9AR110-008	33	35	E9AR131-020	28	14
E9AR110-008-1	33	35	E9AR131-024	28	4
E9AR110-008-2	33	35	E9AR131-0260	28	19
E9AR110-0110	33	6	E9AR131-049	28	7
E9AR110-012	33	31	E9AR131-050	28	7
E9AR110-0170	33	10	E9AR131-051	28	6
E9AR110-018	33	14	E9AR131-0510	28	1
E9AR110-026	33	29	E9AR131-0790	40	16
E9AR128-019	44	40	E9AR131-119	28	3
	45	30	E9AR131-123	27	7
E9AR128-126-019	65	16	E9AR131-124	27	12
E9AR128-126-038	65	65	E9AR131-188	27	13
E9AR128-126-062	65	64	E9AR131-213	44	34
E9AR129-0020	50	30		45	32
E9AR129-010	22	19	E9AR131-214	40	23
E9AR129-020	51	2	E9AR131-215	28	39
E9AR129-0240	51	9		28	40
E9AR129-0250	51	9	E9AR134-009	12	18
E9AR129-0270	50	31	E9AR135-008	21	47
E9AR129-0280	50	31	E9AR135-010	21	41
E9AR129-0290	50	5	E9AR135-015	21	54
E9AR129-0430	50	5	FE8369T-098	5	23
E9AR129-044-1	51	5	FF9311-36	15	10
E9AR129-044-2	51	5	FRH-240S	72	8
E9AR129-059	49	15	GA770337	34	2
E9AR129-080	52	6	GU7837	34	12
E9AR129-096	49	18	HH78371	34	15
E9AR129-097	50	23	HJ324116	31	8
E9AR129-098	49	29	HMJ-5JA	48	26
E9AR129-099	50	32	HMJ5CTPB	48	17
E9AR129-145	22	20	HMJL5CTPB	48	13
	23	25	JH2216	31	9
E9AR129-146	22	23	KT8829-1	35	1
E9AR129-147	22	21	L-0520-1852-501	38	38
	23	28	M12285/1-5	60	4
E9AR129-148	22	22	M22759/41-16-9	58	5
E9AR129-149	23	26		65	30

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M23053/16-003-0	65	37		54	11
M23053/5	58	16	MS124698	4	19
M23053/8-006-C	65	24	MS124699	3	14
M23053/8-007-C	58	6	MS124700	5	19
	65	38	MS124737	10	16
M23053/8-008-C	58	15		11	32
	65	27	MS124738	4	17
M23053/8-009-C	65	33	MS14315-1XA	44	18
M23053/8-010-C	65	18		45	11
M24066/2-312	38	20	MS15006-4	35	25
M24243/1A408	28	2	MS15795-858	36	30
M27500-16RC1S06	65	58	MS16555-49	19	27
M27500-16RC2S06	65	53	MS16555-653	47	20
M27500-22RC4S06	65	46	MS16555-655	47	36
M45913/2-6FG5C	1	8		47	44
	10	18		47	52
	11	40	MS16562-46	8	16
	15	4	MS16624-1062	47	15
	29	18		47	40
	31	1		48	1
	32	5	MS16624-1131	13	1
	52	19	MS16624-1156	53	1
	54	38		54	25
M6000-R-01000	BULK		MS16625-1125	33	2
M81044/12-16-0	58	17	MS16625-1137	10	31
M81044/9-8-9	65	32		11	13
M81824/1-3	65	7		47	33
M83248/1-012	21	20		48	4
	24	15	MS16625-1162	33	34
M83248/1-017	18	2	MS16625-1281	29	28
M83248/1-022	8	20	MS16625-1315	33	38
M83248/1-118	13	27	MS16625-1354	29	5
M83248/1-120	4	11	MS16625-3212	8	7
M83248/1-123	18	1	MS16625-3400	28	24
M83248/1-126	34	9	MS16626-1112	53	13
M83248/1-212	4	7	MS16626-1143	16	16
M83248/1-220	28	32	MS16627-1112	16	7
M83248/1-233	32	4	MS16632-1031	55	5
M83248/1-240	28	33	MS16633-1062	47	46
M83248/1-314	15	2	MS17131-18	47	23
M83248/1-911	34	11	MS171584	33	32
M83461/1-325	53	14	MS171592	47	10
M83461/1-331	27	19	MS17795-104	47	55
M83519/2-2	65	15	MS18153-63	54	13
M83519/2-3	65	19	MS19068-051	19	50
M85049/60-1A12	58	9	MS19070-051	19	51
M85049/60-1W10	58	3	MS20002C8	35	18
	58	13	MS20073-06-11	16	24
	65	40	MS20613-4P12	48	27
M85049/60-1W14	65	55	MS20659-104	65	25
M85049/60-1W16	65	10	MS20659-107	65	26
M85049/60-1W22	65	35	MS20659-127	65	57
M85049/60-2G10W	65	5	MS20659-142	65	28
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M85049/68-1B15U	65	34	MS20822-4-4	42	43
MJ3-202-589919	19	11	MS20822-4-4J	56	12
	19	28	MS20825-4	46	20
	33	13	MS20913-6S	67	8
	33	17	MS20995NC32	BULK	
MS124657	52	15	MS20995NC32-12	33	22
	52	17	MS20995NC40	BULK	
MS124658	52	14	MS20995NC40-12	2	15
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	29	1		19	46
	54	12		42	10
MS20995NC40-36	55	13	MS21209F5-20	4	13
MS21042-06	38	24		17	1
MS21042-5	55	18	MS21209F6-15	12	15
MS21044N10	57	14		28	29
MS21044N3	21	27	MS21209F6-20	4	2
	37	13		5	13
	44	23		17	2
	45	8		54	19
	51	4	MS21209F7-15	5	17
	56	25	MS21209F8-15	4	3
	58	22	MS21225-4	33	27
	69	9	MS21318-27	66	1
MS21044N4	51	10	MS21318-46	67	17
MS21044N5	13	10	MS21333-101	42	49
	15	16		61	6
	19	2	MS21333-103	21	35
	21	53		61	5
	22	18	MS21333-109	61	4
	23	3		64	9
	30	22	MS21333-110	44	1
	48	6		45	4
	53	24	MS21333-111	37	19
MS21044N6	1	19	MS21333-112	21	6
	14	11		38	5
	16	21		64	11
MS21044N7	1	9	MS21333-113	62	21
	29	19	MS21333-118	45	2
MS21045-4	42	47		62	1
	59	1	MS21333-119	39	2
MS21045-5	2	18		63	5
	27	2	MS21333-120	21	18
	36	22		42	14
	37	23		64	13
	42	28	MS21333-121	39	3
	44	36	MS21333-123	61	9
	45	31		69	6
	48	22	MS21333-125	38	11
MS21045-6	14	12		61	1
	18	8	MS21333-126	69	5
	22	27	MS21333-128	64	7
	23	15	MS21333-66	58	20
	25	7	MS21333-68	44	27
	26	17		45	16
	42	18	MS21333-69	44	24
MS21045-7	22	28		45	6
	23	18		56	24
MS21045-8	1	7	MS21333-70	21	29
	40	30		44	46
MS21045C5	40	24		45	34
MS21045C6	25	19	MS21333-71	37	11
	26	7		44	49
	40	9		45	35
MS21083N10	1	10		58	23
MS21209F4-15	12	19	MS21333-72	69	8
MS21209F5-15	2	22	MS21333-74	37	12
	3	13		44	48
	4	12		45	33
	5	4	MS21333-75	44	47
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	58	21		46	19
	62	15		56	35
MS21333-80	62	14		58	27
MS21333-98	42	1		61	2
MS21333-99	42	46		62	13
MS24393-4	42	24		63	1
MS24537-1	60	1		64	12
MS24665-132	33	25	MS3367-3-9	63	6
	52	22	MS3450W12S-3P	58	10
MS24665-134	30	18	MS3456W10SL-4S	58	2
	31	22		58	12
	33	3		65	4
	48	33	MS3456W10SL3S	65	54
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MS24665-300	40	19	MS3456W16-10S	65	12
MS24665-302	2	29	MS3456W22-4S	65	36
MS24665-359	52	23	MS3459W10SL4S	65	48
MS24668-28	16	13	MS35190-239	62	9
MS27144-2	65	17	MS35206-228	38	18
MS27183-10	43	5	MS35206-277	49	26
MS27183-11	28	20	MS35206-280	49	14
MS27183-12	44	37		50	8
	45	20	MS35207-215	58	26
	50	25	MS35207-264	62	2
	62	20	MS35207-265	62	17
	64	10	MS35207-267	37	10
MS27183-23	38	14		44	26
MS27183-54	63	11		45	5
MS27488-16	65	11		56	27
MS27769-3	20	11		58	19
MS27769C6	2	11		69	7
	12	10	MS35226-67	21	30
MS27769S2	27	21		45	17
MS28741-8-0120	38	28	MS35265-64	62	8
MS28775-011	10	8	MS35266-70	42	32
	11	44	MS35308-361	25	16
	54	24		26	9
MS28775-110	31	12	MS35308-365	25	6
MS28775-112	54	23		26	1
MS28775-116	35	2	MS35333-40	59	2
MS28775-136	38	37	MS35335-29	58	25
MS28775-222	11	25	MS35335-34	42	39
MS28775-223	29	4		59	4
MS28775-226	31	4	MS35335-35	22	8
MS28775-229	10	7		23	5
	11	43		39	20
MS28775-236	29	10		49	20
MS28775-238	35	8		50	22
MS28775-272	55	16		56	7
MS28778-10	56	28	MS35335-40	38	15
MS28778-4	21	32		69	2
	41	3	MS35338-41	62	10
MS28778-5	41	10	MS35338-42	62	16
MS28778-8	56	4	MS35338-43	39	15
MS29513-116	43	13		42	33
MS29561-256	5	24		62	3
MS3109-12BU	65	51	MS35338-47	10	10
MS3109-12CU	65	47		11	29
MS3117-12BU	65	50		42	16
MS3117-12CU	65	8	MS35338-48	1	12
MS3117-13BU	65	42		35	5

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MS35338-63	24	4	MS51523A4	37	16
	57	12	MS51525A4	21	19
MS35340-47	29	22		41	2
MS35340-48	67	13	MS51527A4S	21	33
MS35489-149	49	30	MS51527A8	56	3
	50	20	MS51531B8S	38	44
MS35489-97S	44	11	MS51534A8-6S	38	43
MS35649-202	62	12	MS51813-5SS	39	7
MS35649-262	62	11	MS51815-6P	39	18
MS35650-302	62	6	MS51818-5SS	39	5
MS35650-342	58	24	MS51819-5A	39	8
MS35691-13	47	27	MS51849-108	47	28
	47	37	MS51860-53	42	15
	48	16	MS51922-17	43	15
MS35691-14	48	14	MS51937-7	73	19
MS35691-21	56	8	MS51943-31	36	33
MS35692-14	29	2	MS51967-2	57	11
	52	21	MS51967-20	67	20
MS35692-21	30	19	MS51968-14	67	12
	31	21	MS51968-23	67	4
	33	4	MS51968-6	25	10
	53	22		26	18
	54	17	MS52104C4-0074	37	5
MS35692-29	40	18	MS52104C4-0090	37	3
MS35756-8	47	31	MS8005E053A	46	8
	48	8	MS8005E074A	46	7
MS35769-35	13	29	MS8005E076B	46	2
MS35769-47	13	14	MS8005E076C	56	13
MS35782-1	42	20		64	5
MS39132-1	11	22	MS8005E081A	46	18
MS51096-359	16	19	MS8005E1000B	45	1
MS51096-364	18	12	MS8005E100C	42	23
	19	41	MS8005E112F020	41	12
MS51400-130	8	15	MS8005E140C	56	1
MS51500A4	21	15	MS8005E145F000	41	9
	44	20	MS8005E146AC	21	14
	45	9	MS8005E160B	42	22
	46	1	MS8005E160E270	42	13
	64	8	MS8005E180A	37	7
MS51500A4-4S	13	7	MS8005E230F135	42	25
	42	41	MS8005E240B	37	14
MS51500A4S	56	32	MS8005E320C	56	31
MS51500A6	21	7	MS8005E486AC	21	3
MS51500A6S	38	46	MS8005E600B	44	10
MS51500A8	38	29	MS8005E674CC	21	26
MS51500A8-12S	16	9	MS8005E860A	44	21
MS51500A8-4S	21	48	MS8005F145F000	41	1
MS51500A8S	37	25	MS8005G120C	38	8
MS51500B6-6S	38	45	MS8005G220C	21	36
MS51501A4	44	45	MS8005G234C	38	4
	45	15	MS8005G390B	21	9
MS51504A4	21	2	MS8005H054C	38	12
	44	50	MS8005H120AA	21	49
	46	9	MS8005H222C	38	10
	56	34	MS8005H222CC	56	2
	64	4	MS8005H225C	38	34
MS51504A6	21	37	MS8005H240AC	38	17
MS51504A8	38	33	MS8005H400A	37	9
MS51508-B10	21	16	MS8005J460AC	21	13
MS51508A6	21	34	MS90725-3	49	23
MS51508A8Z	38	27		50	13
MS51510A4	21	17	MS90725-6	11	24
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	19	17	NAS1149F0363P	39	14
MS90726-33	20	13		42	34
	21	39		44	8
	28	41		46	5
	44	38		51	3
	45	19	NAS1149F0563P	2	19
	62	18		2	24
MS90726-34	2	25		5	7
	10	21		9	6
	11	7		10	19
	15	15		11	8
	27	10		13	25
	28	43		30	23
	42	40		42	5
	44	42		48	21
	45	28		52	10
	55	25		53	25
	59	5		55	24
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	48	34	NAS1714C4-12N	62	5
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	24	24	NT7899	34	3
	42	30	NTA3244	31	6
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MS90726-40	24	22	PMS90727001-06	37	22
MS90726-45	47	57		47	3
MS90726-52	42	3		59	7
MS90726-60	15	9	RN780807	34	10
	18	4	S210NA38FAK16354	15	20
	28	36	BNCGL		
	40	17		22	7
MS90726-61	40	4		23	6
MS90727-103	29	21		49	19
MS90727-127	24	2		50	21
MS90727-3	44	28	S210NA38FAK19354	15	19
MS90727-34	47	49	BNCGL		
MS90727-42	20	18		25	9
MS90727-48	42	2		26	14
MS90727-84	2	27		31	11
MS90727-85	10	30		40	6
	11	14		54	15
MS90727-89	22	32		63	2
	23	22	S210NA38FAK23354	25	14
	42	7	BNCGL		
MS9176-28	12	13		26	11
MS9320-06	28	5		52	5
MS9320-07	38	23		56	20
MS9320-10	33	26		57	10
MS9320-11	19	3	SAEJ58 1/2-20UNF	1	13
	25	12	3AX1.250LG		
	26	20	SD783154	34	16
	28	42	SK2155	67	11
MS9320-12	14	3	SP7830	34	7
	22	25	SPL51712-6	25	3
	23	16		26	3
	28	35	SR7827	34	14
	40	22	SR7828-1	34	13
	52	12	SR7828-2	34	13
MS9320-13	22	33	SR7828-3	34	13
	23	23	SR7828-4	34	13
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	44	31		63	10
	46	4		64	2
V5S55680	39	17	W211NAA0037NN038	15	18
	42	42	NNCG1	16	23
VD-109106	24	10		24	21
VITON 3/16IN	65	61		35	15
				40	2
				49	3
VPB-1/4	58	7		50	3
W211NAA0025NN038	11	23		52	2
NNCG1				63	3
	38	6	W211NAA0062NN038	67	19
	41	6	NNCG1		
	43	4	W211NAG0025NN038	37	21
	46	13	NNCG1		
	47	4		44	29
	49	22		49	24
	50	14	W221NAA037SN038	43	19
W211NAA0031NN038	10	20	NNCG1		
NNCG1			WA29906	35	16
	11	39	WA29908	35	9
	18	11	WA29909	35	14
	20	14	WT28163	73	17
	21	38	WW-P-471AASBUC	12	2
	25	11		17	8
	26	19	WW-P-471ACABDA	12	8
	27	9	X-106694	73	9
	28	21	X-106695	74	6
	37	18	X-108056	74	5
	38	36	X-108113	74	1
	42	4	X-108114	74	2
	47	48	X-108130	74	3
	47	58	X-108131	74	4

By Order of the Secretary of the Army:

Official:



JOEL B. HUDSON

*Administrative Assistant to the
Secretary of the Army*

0120615

ERIC K. SHINSEKI
*General, United States Army
Chief of Staff*

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PART I - ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS

PUBLICATION/FORM NUMBER	DATE	TITLE
-------------------------	------	-------

ITEM	PAGE	PARA	LINE	FIGURE NO.	TABLE	RECOMMENDED CHANGES AND REASON
<div style="font-size: 100px; opacity: 0.3; transform: rotate(-30deg); pointer-events: none;"> SAMPLE </div>						

*Reference to line numbers within the paragraph or subparagraph.

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PART II - REPAIR PARTS AND SPECIAL TOOL LISTS AND SUPPLY CATALOGS/SUPPLY MANUALS

PUBLICATION NUMBER TM 9-2815-247-34P	DATE January 01, 2002	TITLE DS/GS Maintenance Repair Parts and Special Tools List for Engine Model AVDS-1790-8CR
---	--------------------------	---

PAGE NO.	COLM NO.	LINE NO.	NATIONAL STOCK NUMBER	REFERENCE NO.	FIGURE NO.	ITEM NO.	TOTAL NO. OF MAJOR ITEMS SUPPORTED	RECOMMENDED ACTION
000300 -1	7		5211-00-011-2350	12366281	2	4	1	Qty should be 5

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PART I – ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS

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DATE

TITLE

ITEM	PAGE	PARA	LINE	FIGURE NO.	TABLE	RECOMMENDED CHANGES AND REASON

**Reference to line numbers within the paragraph or subparagraph.*

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SIGNATURE

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TYPED NAME, GRADE OR TITLE	TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION	SIGNATURE
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CONVERSION TABLE

inch	decimal	mm	inch	decimal	mm	inch	decimal	mm
1/64	0.015625	0.3969	23/64	0.359375	9.1281			
1/32	0.031250	0.7938	3/8	0.375000	9.5250	45/64	0.703125	17.8594
3/64	0.046875	1.1906				23/32	0.718750	18.2562
1/16	0.062500	1.5875	25/64	0.390625	9.9219	47/64	0.734375	18.6531
			13/32	0.406250	10.3188	3/4	0.750000	19.050
5/64	0.078125	1.9844	27/64	0.421875	10.7156			
3/32	0.093750	2.3812	7/16	0.437500	11.1125	49/64	0.765625	19.4469
7/64	0.109375	2.7781				25/32	0.781250	19.8437
1/8	0.125000	3.1750	29/64	0.453125	11.5094	51/64	0.796875	20.2406
			15/32	0.468750	11.9062	13/16	0.812500	20.6375
9/64	0.140625	3.5719	31/64	0.484375	12.3031			
5/32	0.156250	3.9688	1/2	0.500000	12.7000	53/64	0.828125	21.0344
11/64	0.171875	4.3656				27/32	0.843750	21.4312
3/16	0.187500	4.7625	33/64	0.515625	13.0969	55/64	0.859375	21.8281
			17/32	0.531250	13.4938	7/8	0.875000	22.2250
13/64	0.203125	5.1594	35/64	0.546875	13.8906			
7/32	0.218750	5.5562	9/16	0.562500	14.2875	57/64	0.890625	22.6219
15/64	0.234375	5.9531				29/32	0.906250	23.0188
1/4	0.250000	6.3500	37/64	0.578125	14.6844	59/64	0.921875	23.4156
			19/32	0.593750	15.0812	15/16	0.937500	23.8125
17/64	0.265625	6.7469	39/64	0.609375	15.4781			
9/32	0.281250	7.1438	5/8	0.625000	15.8750	61/64	0.953125	24.2094
19/64	0.296875	7.5406				31/32	0.967500	24.6062
5/16	0.312500	7.9375	41/64	0.640625	16.2719	63/64	0.984375	25.0031
			21/32	0.656250	16.6688			
21/64	0.328125	8.3344	43/64	0.671875	17.0656	1	1.000000	25.4000
11/32	0.343750	8.7312	11/16	0.687500	17.4625			

THE METRIC SYSTEM AND EQUIVALENTS

LINEAR MEASURE

1 Centimeter = 10 Millimeters = 0.01 Meters = 0.3937 Inches
 1 Meter = 100 Centimeters = 1000 Millimeters = 39.37 Inches
 1 Kilometer = 1000 Meters = 0.621 Miles

WEIGHTS

1 Gram = 0.001 Kilograms = 1000 Milligrams = 0.035 Ounces
 1 Kilogram = 1000 Grams = 2.2 Lb.
 1 Metric Ton = 1000 Kilograms = 1 Megagram = 1.1 Short Tons

LIQUID MEASURE

1 Milliliter = 0.001 Liters = 0.0338 Fluid Ounces
 1 Liter = 1000 Milliliters = 33.82 Fluid Ounces

SQUARE MEASURE

1 Sq. Centimeter = 100 Sq. Millimeters = 0.155 Sq. Inches
 1 Sq. Meter = 10,000 Sq. Centimeters = 10.76 Sq. Feet
 1 Sq. Kilometer = 1,000 Sq. Meters = 0.386 Sq. Miles

CUBIC MEASURE

1 Cu. Centimeter = 1000 Cu. Millimeters = 0.06 Cu. Inches
 1 Cu. Meter = 1,000,000 Cu. Centimeters = 35.31 Cu. Feet

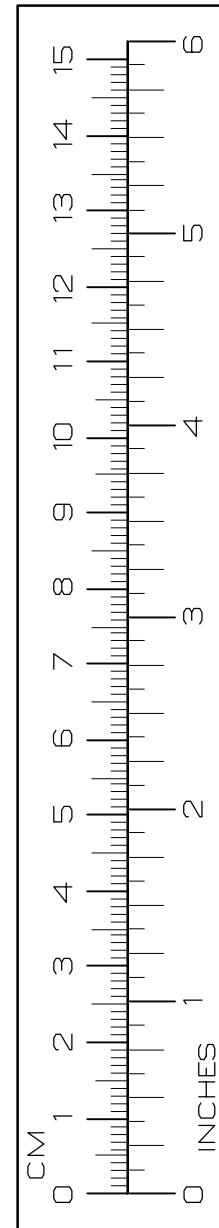
TEMPERATURE

$5/9 (F - 32) = C$
 212_ Fahrenheit is equivalent to 100_ Celcius
 90_ Fahrenheit is equivalent to 32.2_ Celcius
 32_ Fahrenheit is equivalent to 0_ Celcius
 $(9/5 \times C) + 32 = F$

APPROXIMATE CONVERSION FACTORS

TO CHANGE	TO	MULTIPLY BY
Inches	Centimeters	2.540
Feet	Meters	0.305
Yards	Meters	0.914
Miles	Kilometers	1.609
Square Inches	Square Centimeters	6.451
Square Feet	Square Meters	0.093
Square Yards	Square Meters	0.836
Square Miles	Square Kilometers	2.590
Acres	Square Hectometers	0.405
Cubic Feet	Cubic Meters	0.028
Cubic Yards	Cubic Meters	0.765
Fluid Ounces	Milliliters	29.573
Pints	Liters	0.473
Quarts	Liters	0.946
Gallons	Liters	3.785
Ounces	Grams	28.349
Pounds	Kilograms	0.454
Short Tons	Metric Tons	0.907
Pound-Feet	Newton-Meters	1.356
Pounds per Square Inch	Kilopascals	6.895
Miles per Gallon	Kilometers per Liter	0.425
Miles per Hour	Kilometers per Hour	1.609

TO CHANGE	TO	MULTIPLY BY
Centimeters	Inches	0.394
Meters	Feet	3.280
Meters	Yards	1.094
Kilometers	Miles	0.621
Square Centimeters	Square Inches	0.155
Square Meters	Square Feet	10.764
Square Meters	Square Yards	1.196
Square Kilometers	Square Miles	0.386
Square Hectometers	Acres	2.471
Cubic Meters	Cubic Feet	35.315
Cubic Meters	Cubic Yards	1.308
Milliliters	Fluid Ounces	0.034
Liters	Pints	2.113
Liters	Quarts	1.057
Liters	Gallons	0.264
Grams	Ounces	0.035
Kilograms	Pounds	2.205
Metric Tons	Short Tons	1.102
Newton-Meters	Pound-Feet	0.738
Kilopascals	Pounds per Square Inch	0.145
Kilometers per Liter	Miles per Gallon	2.354
Kilometers per Hour	Miles per Hour	0.621



PIN: 078536-000