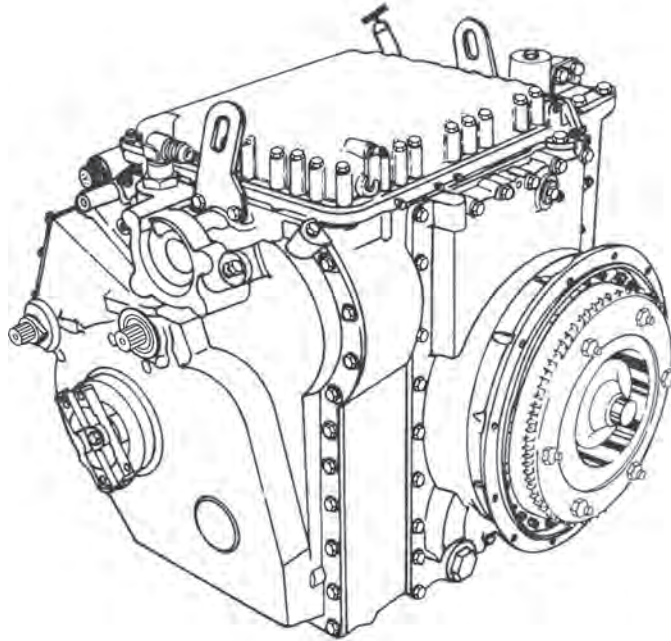


**\* TM 9-2520-272-40P**

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**TECHNICAL MANUAL**  
**SUSTAINMENT MAINTENANCE**  
**REPAIR PARTS AND SPECIAL TOOLS LIST**  
**FOR**  
**CROSS-DRIVE TRANSMISSION WITH CONTAINER**  
**MODEL X200-4A**  
**P/N 12371043 (NSN 2520-01-397-1074) (EIC N/A)**



\* TM 9-2520-272-40P, dated 13 February 2012, supersedes TM 9-2520-272-34&P, dated 14 February 2006, including all changes.

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

**13 FEBRUARY 2012**



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HEADQUARTERS,  
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**TECHNICAL MANUAL**  
**SUSTAINMENT MAINTENANCE**  
**REPAIR PARTS AND SPECIAL TOOLS LIST**  
**FOR**  
**CROSS-DRIVE TRANSMISSION WITH CONTAINER**  
**MODEL X200-4A**  
**P/N 12371043 (NSN 2520-01-397-1074) (EIC N/A)**

**REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

You can help improve this publication. If you find any errors, or if you would like to recommend any improvements to the procedures in this publication, please let us know. The preferred method is to submit your DA Form 2028 (Recommended Changes to Publications and Blank Forms) through the Internet on the TACOM Unique Logistics Support Applications (TULSA) Web site. The Internet address is <https://tulsa.tacom.army.mil>. Access to all applications requires CAC authentication, and you must complete the Access Request form the first time you use it. The DA Form 2028 is located under the TULSA Applications on the left-hand navigation bar. Fill out the form and click on SUBMIT. Using this form on the TULSA Web site will enable us to respond more quickly to your comments and to better manage the DA Form 2028 program. You may also mail, e-mail, or fax your comments or DA Form 2028 directly to the U.S. Army TACOM Life Cycle Management Command. The postal mail address is U.S. Army TACOM Life Cycle Management Command, ATTN: AMSTA-LCL-MPP / TECH PUBS, MS 727, 6501 E. 11 Mile Road, Warren, MI 48397-5000. The e-mail address is [tacomlcmc.daform2028@us.army.mil](mailto:tacomlcmc.daform2028@us.army.mil). The fax number is DSN 786-1856 or Commercial (586) 282-1856. A reply will be furnished to you.

CURRENT AS OF 9 DECEMBER 2011

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**CHAPTER 1**  
**REPAIR PARTS LIST**  
**FOR**  
**CROSS-DRIVE TRANSMISSION**  
**WITH CONTAINER, MODEL X200-4A**



**SUSTAINMENT MAINTENANCE**

**REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL) INTRODUCTION**

**INTRODUCTION**

**SCOPE**

This RPSTL lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of Sustainment Maintenance of the Cross-Drive Transmission with Container, Model X200-4A. 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 alphanumeric 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 illustrations.
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 of common tool sets and/or Class VII are not listed.
3. Cross-Reference Indexes Work Packages. There are two cross-reference indexes work packages in this RPSTL: the National Stock Number (NSN) Index work package and the Part Number (P/N) Index work package. 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 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.

**Table 1. SMR Code Explanation.**

| <u>Source<br/>Code<br/>XX</u>          | <u>Maintenance<br/>Code<br/>XX</u>                       | <u>Recoverability<br/>Code<br/>X</u>                                    |
|--|--|---|
| 1st two positions: How to get an item. | 3rd position: Who can install, replace, or use the item. | 4th position: Who can do complete repair* on the item.                  |
|  |  | 5th 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<br>PB<br>PC<br>PD<br>PE<br>PF<br>PG<br>PH<br>PR<br>PZ   | <b>NOTE</b>  |
|  | Items coded PC are subject to deterioration.   |
|  | Stock items; use the applicable NSN to requisition/request items with these source codes. They are authorized to the level indicated by the code entered in the third position of the SMR code.  |
| KD<br>KF<br>KB   | 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 third position of the SMR code. The complete kit must be requisitioned and applied.  |
| MF - Made at field level<br>MH - Made at below depot/sustainment level<br>ML - Made at SRA<br>MD - Made at depot<br>MG - Navy only                     | Items with these codes are not to be requisitioned/requested individually. They must be made from bulk material which is identified by the part number 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 third 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. |
| AF - Assembled by field level<br>AH - Assembled by below depot sustainment level<br>AL - Assembled by SRA<br>AD - Assembled by depot<br>AG - Navy only | 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 third 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.                                 |
| XA   | Do not requisition an XA-coded item. Order the next higher assembly. (Refer to NOTE below.)  |
| XB   | If an item is not available from salvage, order it using the CAGEC and part number.  |
| XC   | Installation drawings, diagrams, instruction sheets, field service drawings; identified by manufacturer's part number.   |
| XD   | Item is not stocked. Order an XD-coded item through local purchase or normal supply channels using the CAGEC and part number given, if no NSN is available.  |

## 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 and 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:

### Maintenance

| <u>Code</u> | <u>Application/Explanation</u>  |
|-------------|---|
| F -         | Field maintenance can remove, replace, and use the item.                                      |
| H -         | Below Depot Sustainment maintenance can remove, replace, and use the item.                    |
| L -         | Specialized repair activity can remove, replace, and use the item.                            |
| G -         | Afloat and ashore intermediate maintenance can remove, replace, and use the item (Navy only). |
| K -         | Contractor facility can remove, replace, and use the item.                                    |
| Z -         | Item is not authorized to be removed, replaced, or used at any maintenance level.             |
| D -         | Depot can remove, replace, and use the item.  |

\*NOTE - Army may use C in the third position. However, for joint service publications, Army will use O.

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 a lower level of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes.

### Maintenance

| <u>Code</u> | <u>Application/Explanation</u>   |
|-------------|--|
| F -         | Field is the lowest level that can do complete repair of the item.   |
| H -         | Below Depot Sustainment is the lowest level that can do complete repair of the item.   |
| L -         | Specialized repair activity (enter specialized repair activity or TASMG designator) 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.   |
| G -         | Both afloat and ashore intermediate levels are capable of complete repair of item. (Navy only).  |
| K -         | Complete repair is done at contractor facility.  |
| Z -         | Nonreparable. No repair is authorized.   |
| B -         | No repair is authorized. No parts or special tools are authorized for maintenance of B-coded items. 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:

| <b>Recoverability Code</b> | <b>Application/Explanation</b>  |
|----------------------------|---|
| 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.   |
| F -                        | Reparable item. When uneconomically repairable, condemn and dispose of the item at the field level.   |
| H -                        | Reparable item. When uneconomically repairable, condemn and dispose of the item at the below depot sustainment level.   |
| D -                        | Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of item are not authorized below depot level.   |
| L -                        | Reparable item. Condemnation and disposal not authorized below Specialized Repair Activity (SRA).   |
| 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. |
| G -                        | Filed level repairable item. Condemn and dispose at either afloat or ashore intermediate levels. (Navy only)  |
| K -                        | Reparable item. Condemnation and disposal to be performed at contractor facility.   |

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 part number 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. Part numbers 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 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 INDEXES WORK PACKAGES FORMAT AND COLUMNS

1. National Stock Number (NSN) Index Work Package. NSNs in this index are listed in National Item Identification Number (NIIN) sequence.

**STOCK NUMBER Column.** This column lists the NSN in NIIN sequence. The NIIN consists of the last nine digits of the NSN. 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.

For example, if the NSN is 5385-01-574-1476, the NIIN is 01-574-1476.

**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. Part numbers in this index are listed in ascending alphanumeric sequence (vertical arrangement of letter and number combinations which places the first letter or digit of each group in order A through Z, followed by the numbers 0 through 9 and each following letter or digit in like order).

**PART NUMBER Column.** Indicates the part number 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 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 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.

**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 9-2320-272-40.

**Index 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 / Part Number (P/N) Index work packages and the bulk material list in the repair parts list work package.

**Associated Publications.** The publication listed below pertains to the X200-4A Transmission:

| <b>Publication</b> | <b>Short Title</b>   |
|--------------------|--|
| TM 9-2320-272-40   | Sustainment Maintenance Manual for Cross-Drive Transmission with Container |

## HOW TO LOCATE REPAIR PARTS

### 1. When NSNs or Part Numbers 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 Part Number Is Known.

First. If you have the part number and not the NSN, look in the PART NUMBER column of the part number 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

| Abbreviation | Explanation                                 |
|--------------|---|
| BOI          | Basis Of Issue                              |
| CAGEC        | Commercial And Government Entity Code       |
| EMP          | Electromagnetic Pulse                       |
| FIG(S)       | Figure(s)                                   |
| HCI          | Hardness Critical Item                      |
| MAC          | Maintenance Allocation Chart                |
| MACH         | Machining                                   |
| NIIN         | National Item Identification Number         |
| NO(S).       | Number(s)                                   |
| NSN          | National Stock Number                       |
| PG(S)        | Page(s)                                     |
| P/N          | Part Number                                 |
| QTY          | Quantity                                    |
| RPSTL        | Repair Parts and Special Tools List         |
| SMR          | Source, Maintenance, and Recoverability     |
| SRA          | Specialized Repair Activity                 |
| TMDE         | Test, Measurement, and Diagnostic Equipment |
| UOC          | Usable On Code                              |
| V            | Variable                                    |
| WP           | Work Package                                |

For standard abbreviations, see ASME Y14.38M, *Abbreviations and Acronyms*.



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**SUSTAINMENT MAINTENANCE**  
**CROSS-DRIVE TRANSMISSION WITH CONTAINER**

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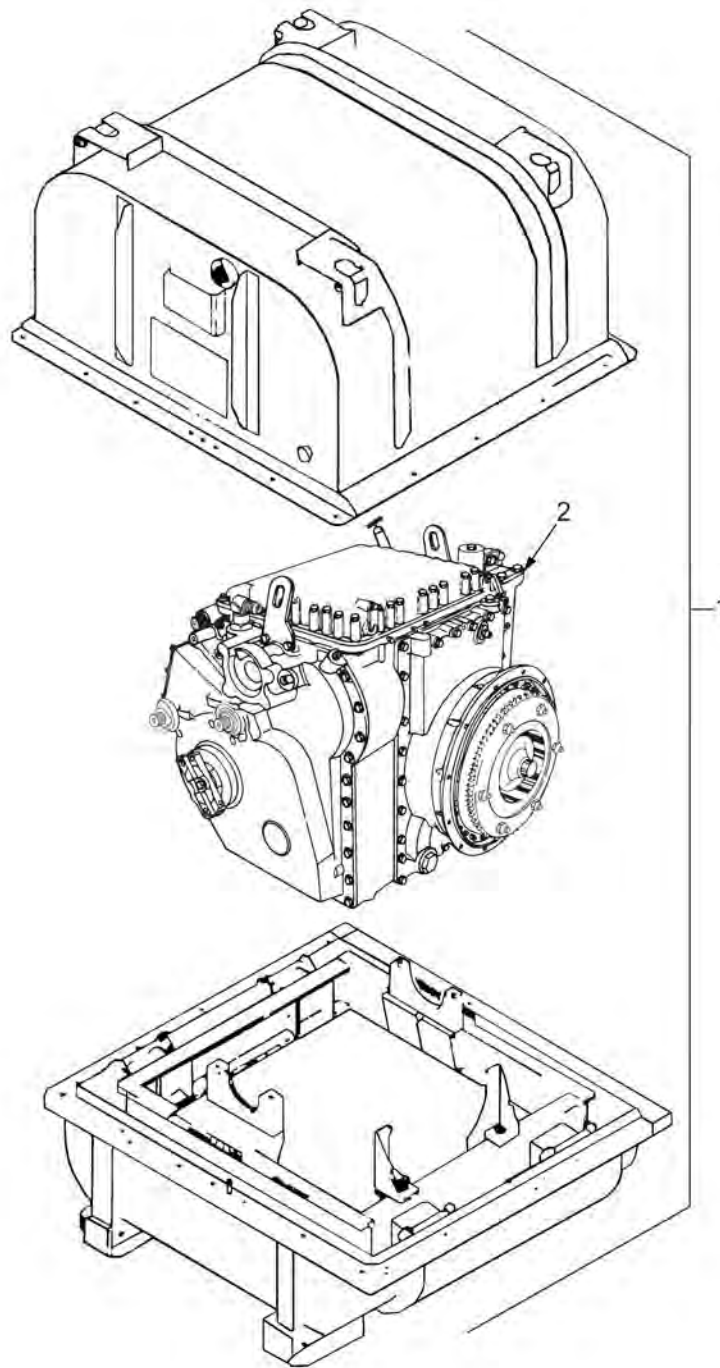


Figure 1. Cross-Drive Transmission with Container.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO. | DESCRIPTION AND USABLE ON CODE (UOC)              | QTY |
|----------|-------|------------------|-------|----------|---|-----|
|          |       |                  |       |          | GROUP 0710 TRANSMISSION ASSEMBLY                  |     |
|          |       |                  |       |          | FIGURE 1 Cross-Drive Transmission with Container. |     |
| 1        | PAFHD | 2520-01-397-1074 | 19207 | 12371043 | CTX200X4A .....                                   | 1   |
| 2        | XAFHD |                  | 19207 | 12371041 | TRANSMISSION, X200-4A .....                       | 1   |
|          |       |                  |       |          | (SEE FIGS 2 THROUGH 8 FOR COMPONENT PARTS)        |     |
|          |       |                  |       |          | END OF FIGURE                                     |     |



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**SUSTAINMENT MAINTENANCE**  
**RIGHT COVER AND CENTER HOUSING**

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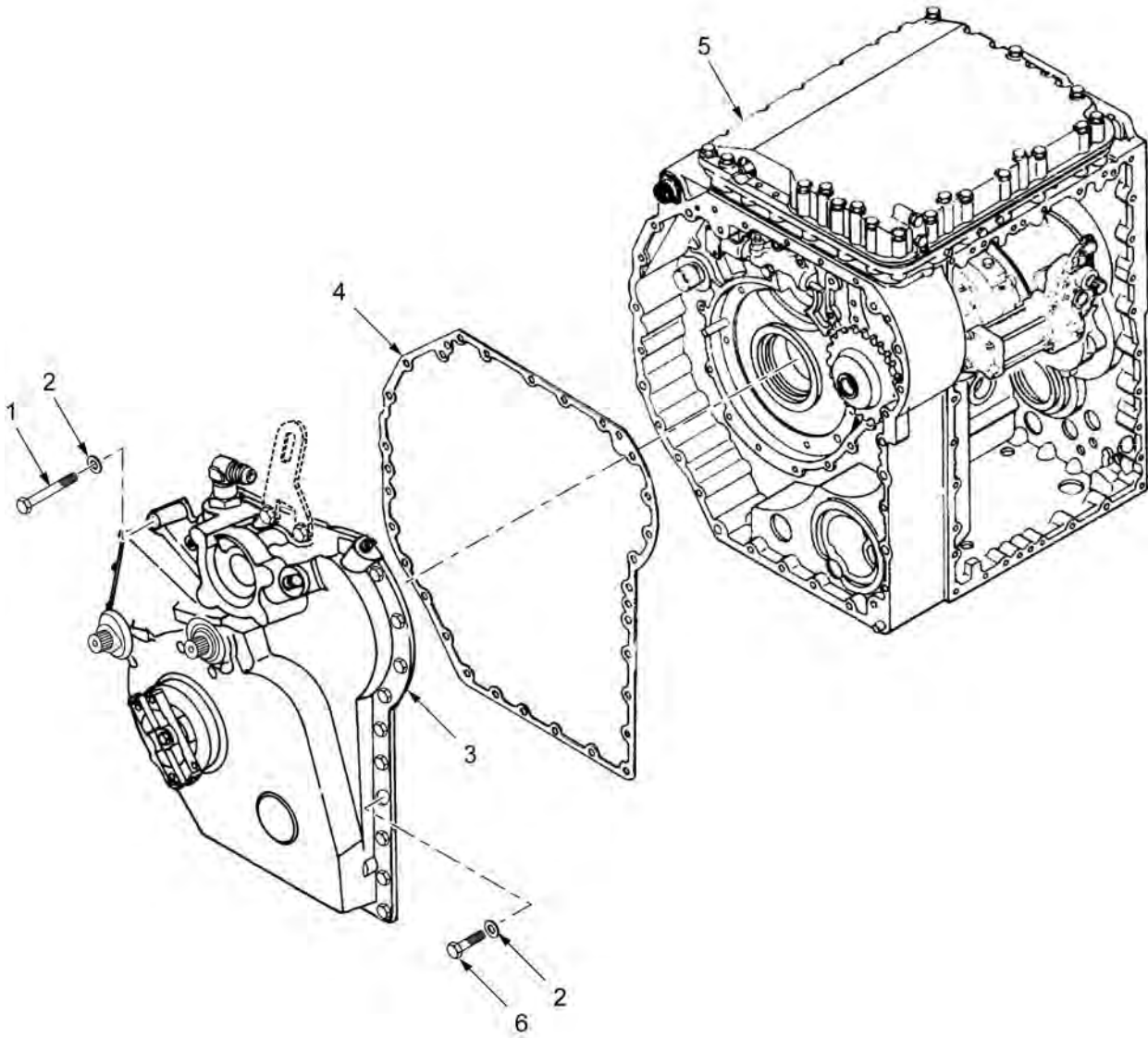


Figure 2. Right Cover and Center Housing.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO. | DESCRIPTION AND USABLE ON CODE (UOC)                     | QTY |
|----------|-------|------------------|-------|----------|--|-----|
|          |       |                  |       |          | GROUP 0710 TRANSMISSION ASSEMBLY                         |     |
|          |       |                  |       |          | FIGURE 2 Right Cover and Center Housing.                 |     |
| 1        | PAHZZ |                  | 73342 | 29549599 | BOLT, MACHINE.....                                       | 1   |
| 2        | PAFZZ | 5310-01-057-3111 | 73342 | 23048061 | WASHER, FLAT.....  | 27  |
| 3        | PAHDD | 2520-01-540-8311 | 73342 | 29510211 | COVER, TRANSMISSION.....                                 | 1   |
|          |       |                  |       |          | (SEE FIGS 15, 34, AND 35 FOR COMPONENT PARTS)            |     |
| 4        | PAHZZ | 5330-01-216-4015 | 73342 | 23018072 | GASKET .....   | 1   |
| 5        | AHHHD |                  | 73342 | 29510162 | HOUSING ASSEMBLY, CENTER COMPONENT .....                 | 1   |
|          |       |                  |       |          | (SEE FIGS 11, 16 THROUGH 21, AND 33 FOR COMPONENT PARTS) |     |
| 6        | PAHZZ |                  | 73342 | 29549595 | BOLT, MACHINE.....                                       | 26  |
|          |       |                  |       |          | END OF FIGURE  |     |





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SUSTAINMENT MAINTENANCE  
OUTPUT DRIVEN GEAR AND DRIVE GEAR

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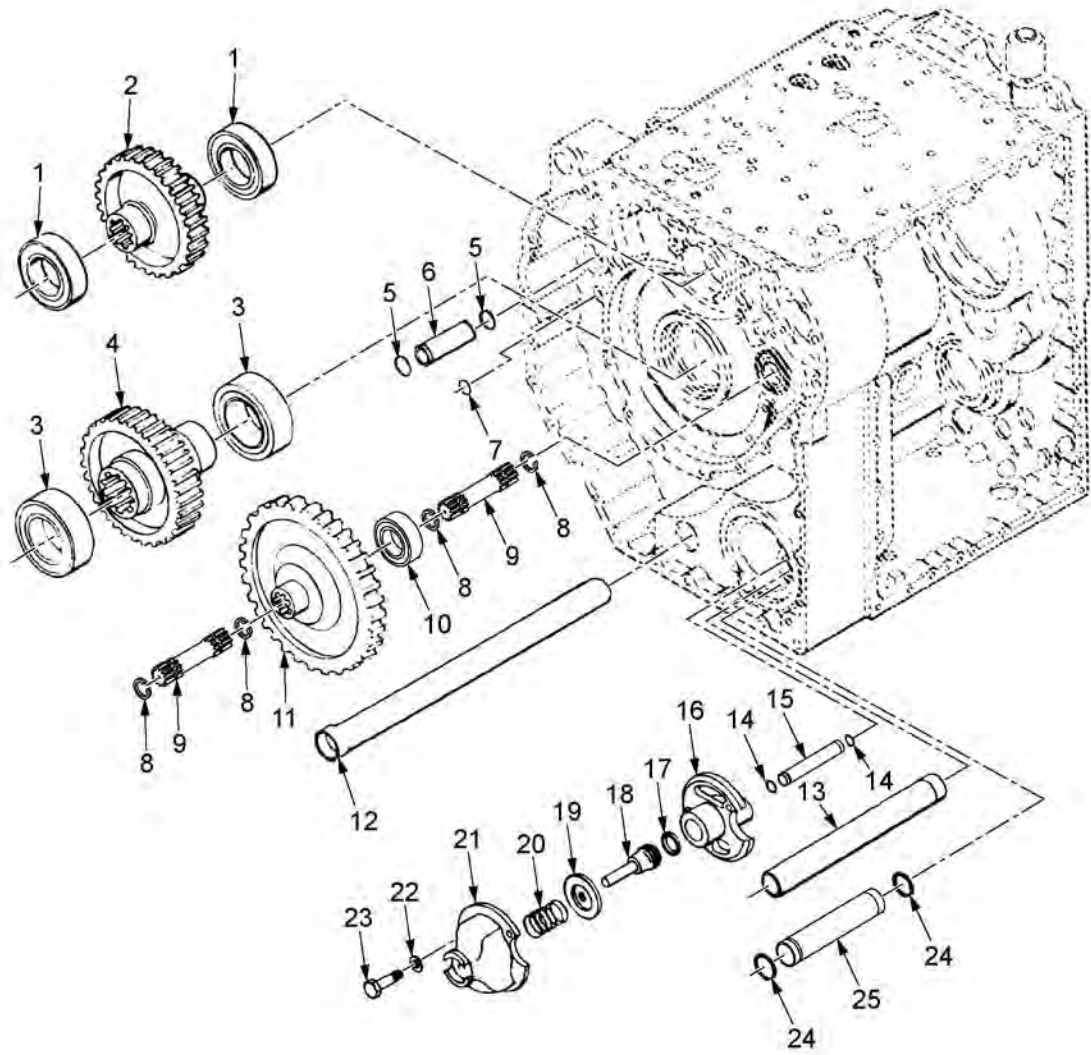


Figure 3. Output Driven Gear and Drive Gear.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO. | DESCRIPTION AND USABLE ON CODE (UOC)        | QTY |
|----------|-------|------------------|-------|----------|---|-----|
|          |       |                  |       |          | GROUP 0710 TRANSMISSION ASSEMBLY            |     |
|          |       |                  |       |          | FIGURE 3 Output Driven Gear and Drive Gear. |     |
| 1        | PAHZZ | 3110-01-217-2235 | 73342 | 23048583 | BEARING, ROLLER, CYLINDRICAL.....           | 2   |
| 2        | PAHZZ | 3020-01-519-4427 | 73342 | 29533541 | GEAR, SPUR.....                             | 1   |
| 3        | PAHZZ | 3110-01-216-5737 | 3M084 | BS226344 | BEARING, ROLLER, CYLINDRICAL.....           | 2   |
| 4        | PAHZZ | 3020-01-519-4423 | 73342 | 29533540 | GEAR, SPUR.....                             | 1   |
| 5        | PAHZZ | 5331-01-219-2547 | 73342 | 23040580 | O-RING.....                                 | 2   |
| 6        | PAHZZ | 4710-01-216-6625 | 73342 | 23045406 | TUBE, METALLIC.....                         | 1   |
| 7        | PAHZZ | 5331-01-219-2548 | 73342 | 23018753 | O-RING.....                                 | 1   |
|          |       |                  |       |          | (PART OF ASSEMBLY P/N 29510214)             |     |
| 8        | PAHZZ | 5342-00-679-9787 | 73342 | 6756606  | RING, SNAP.....                             | 4   |
| 9        | PAHZZ | 3040-01-422-4102 | 73342 | 29510181 | SHAFT, STRAIGHT.....                        | 2   |
| 10       | PAHZZ | 3110-01-216-4031 | 3M084 | BS226348 | BEARING, ROLLER, CYLINDRICAL.....           | 1   |
| 11       | PAHZZ | 3020-01-421-0129 | 73342 | 29510240 | GEAR, SPUR.....                             | 1   |
| 12       | PAHZZ | 4710-01-214-6839 | 73342 | 23017855 | TUBE, METALLIC.....                         | 1   |
| 13       | PAHZZ | 4730-01-214-9392 | 73342 | 23018163 | STRAINER ELEMENT, SEDIMENT.....             | 1   |
| 14       | PAHZZ | 5331-01-219-2546 | 73342 | 23040579 | O-RING.....                                 | 2   |
| 15       | PAHZZ | 4710-01-216-6624 | 73342 | 23045405 | TUBE, METALLIC.....                         | 1   |
| 16       | PAHZZ | 2520-01-220-0119 | 73342 | 23017856 | DIAPHRAGM, EQUALIZER.....                   | 1   |
| 17       | PAHZZ | 5330-01-216-5711 | 73342 | 23018234 | RETAINER, PACKING.....                      | 1   |
| 18       | PAHZZ | 2520-01-214-9340 | 73342 | 23017857 | PISTON AND PIN ASSEMBLY.....                | 1   |
| 19       | PAHZZ | 2520-01-214-3157 | 73342 | 23018025 | VALVE, RESERVOIR EQUALIZER.....             | 1   |
| 20       | PAHZZ | 5360-01-216-3265 | 73342 | 23018049 | SPRING, HELICAL, COMPRESSION.....           | 1   |
| 21       | PAHZZ | 2520-01-214-9341 | 73342 | 23018086 | HOUSING, SPRING-EQUALIZER VALVE.....        | 1   |
| 22       | PAHZZ | 5310-00-913-3356 | 24617 | 9422847  | WASHER, FLAT.....                           | 2   |
| 23       | PAHZZ | 5305-01-057-4264 | 73342 | 9409030  | SCREW, CAP, HEXAGON HEAD.....               | 2   |
| 24       | PAHZZ | 5331-01-219-2545 | 73342 | 23040582 | O-RING.....                                 | 2   |
| 25       | PAHZZ | 4710-01-216-6623 | 73342 | 23045407 | TUBE, METALLIC.....                         | 1   |
|          |       |                  |       |          | END OF FIGURE                               |     |



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**SUSTAINMENT MAINTENANCE**  
**RANGE INPUT DRIVEN GEAR AND DRIVE GEAR**

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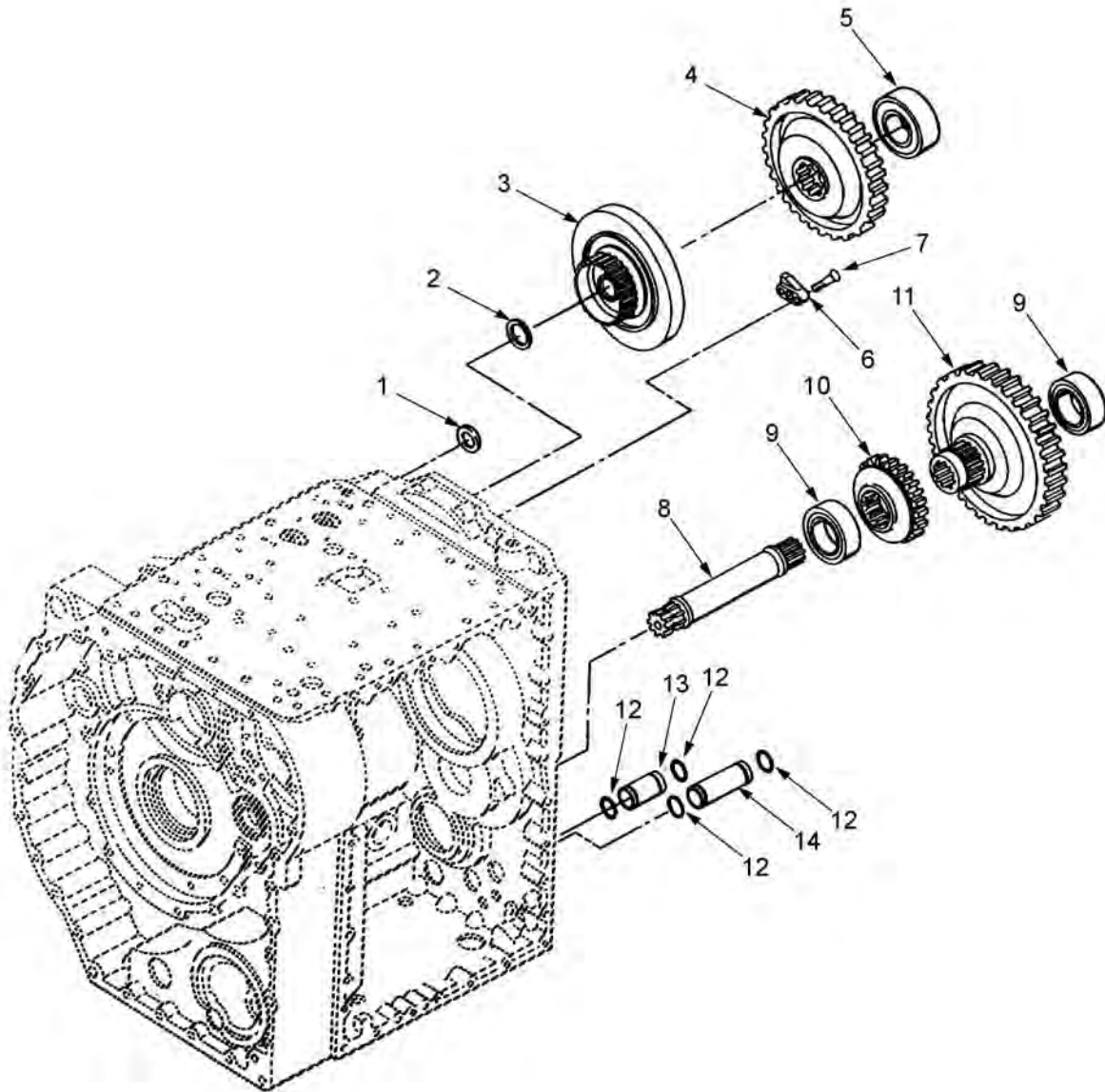


Figure 4. Range Input Driven Gear and Drive Gear.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO.     | DESCRIPTION AND USABLE ON CODE (UOC)             | QTY |
|----------|-------|------------------|-------|--------------|--|-----|
|          |       |                  |       |              | GROUP 0710 TRANSMISSION ASSEMBLY                 |     |
|          |       |                  |       |              | FIGURE 4 Range Input Driven Gear and Drive Gear. |     |
| 1        | PAHZZ | 5331-00-165-1943 | 81349 | M83248/1-217 | O-RING .....                                     | 1   |
| 2        | PAHZZ | 3120-01-216-8283 | 73342 | 23018282     | BEARING, WASHER, THRUST .....                    | 1   |
| 3        | AHHHH |                  | 73342 | 23045116     | CLUTCH ASSEMBLY, FORWARD .....                   | 1   |
|          |       |                  |       |              | (SEE FIG 16 FOR COMPONENT PARTS)                 |     |
| 4        | PAHZZ | 3020-01-509-4924 | 73342 | 29533539     | GEAR, SPUR.....                                  | 1   |
| 5        | PAHZZ | 3110-01-217-2235 | 73342 | 23048583     | BEARING, ROLLER, CYLINDRICAL.....                | 1   |
| 6        | PAHZZ | 2520-01-216-8566 | 73342 | 23018044     | PITOT, TRANSMISSION .....                        | 1   |
| 7        | PAHZZ | 5305-01-217-4004 | 24617 | 455531       | SCREW, CAP, SOCKET HEAD .....                    | 2   |
| 8        | PAHZZ | 3040-01-499-0471 | 73342 | 29533537     | SHAFT, SHOULDERED .....                          | 1   |
| 9        | PAHZZ | 3110-01-269-6368 | 73342 | 23048582     | BEARING, ROLLER, CYLINDRICAL.....                | 2   |
| 10       | PAHZZ | 3020-01-216-7604 | 73342 | 23018159     | GEAR, SPUR.....                                  | 1   |
| 11       | PAHZZ | 3020-01-509-4819 | 73342 | 29533538     | GEAR, SPUR.....                                  | 1   |
| 12       | PAHZZ | 5331-00-167-5110 | 73342 | 23040581     | O-RING.....                                      | 4   |
| 13       | PAHZZ | 4730-01-238-6996 | 73342 | 23046064     | COUPLING, TUBE .....                             | 1   |
| 14       | PAHZZ | 4730-01-220-9163 | 73342 | 23045374     | COUPLING, TUBE .....                             | 1   |
|          |       |                  |       |              | END OF FIGURE                                    |     |





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SUSTAINMENT MAINTENANCE  
LEFT COVER (ACCESS COVER)

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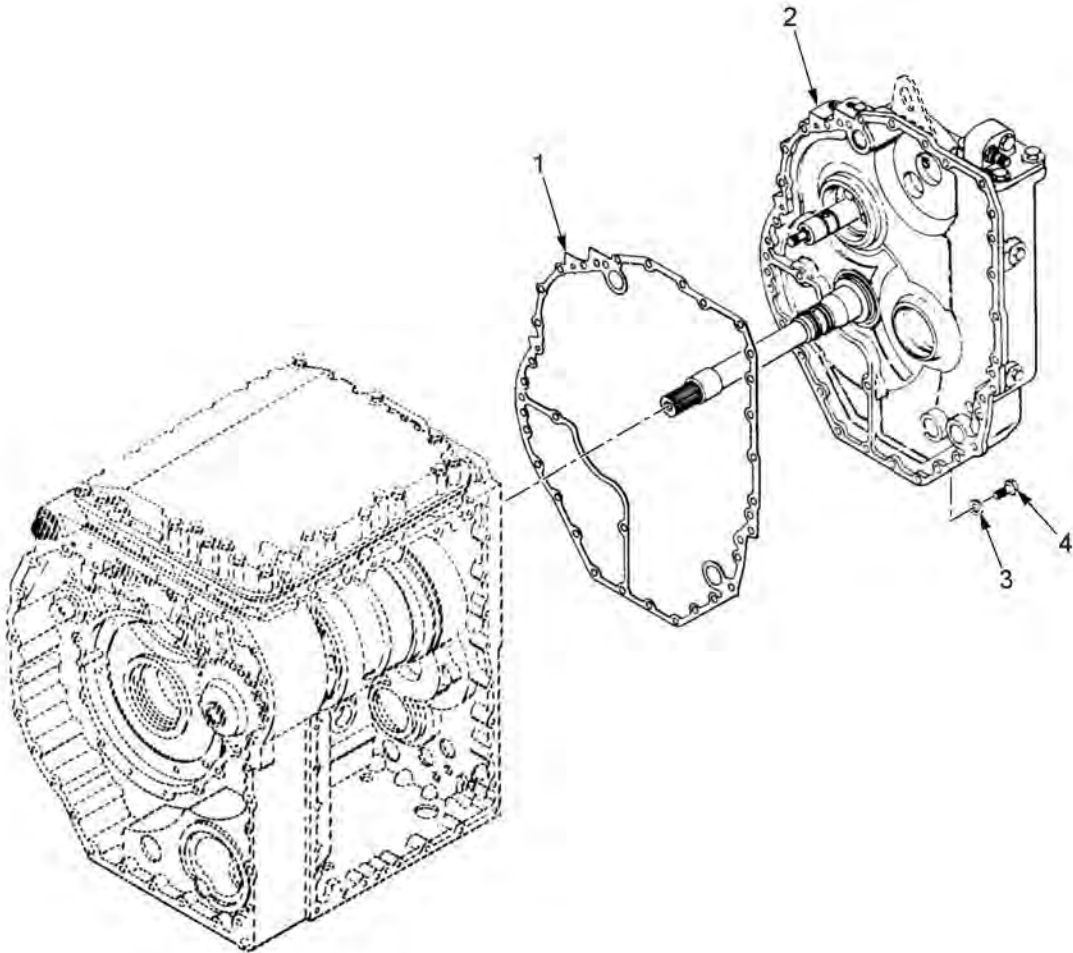


Figure 5. Left Cover (Access Cover).

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO.                 | DESCRIPTION AND USABLE ON CODE (UOC)                                    | QTY |
|----------|-------|------------------|-------|--------------------------|---|-----|
|          |       |                  |       |                          | GROUP 0710 TRANSMISSION ASSEMBLY<br>FIGURE 5 Left Cover (Access Cover). |     |
| 1        | PAHZZ | 5330-01-406-7801 | 73342 | 23018076<br>NON-ASBESTOS | GASKET .....  | 1   |
| 2        | AHHDD |                  | 73342 | 29511630                 | COVER ASSEMBLY, LEFT .....<br>(SEE FIGS 14 AND 25 FOR COMPONENT PARTS)  | 1   |
| 3        | PAHZZ | 5310-01-057-3111 | 73342 | 23048061                 | WASHER, FLAT .....  | 29  |
| 4        | PAHZZ |                  | 73342 | 29549595                 | BOLT, MACHINE.....  | 29  |
|          |       |                  |       |                          | END OF FIGURE   |     |



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**SUSTAINMENT MAINTENANCE**  
**BEVEL GEAR AND INPUT HOUSING**

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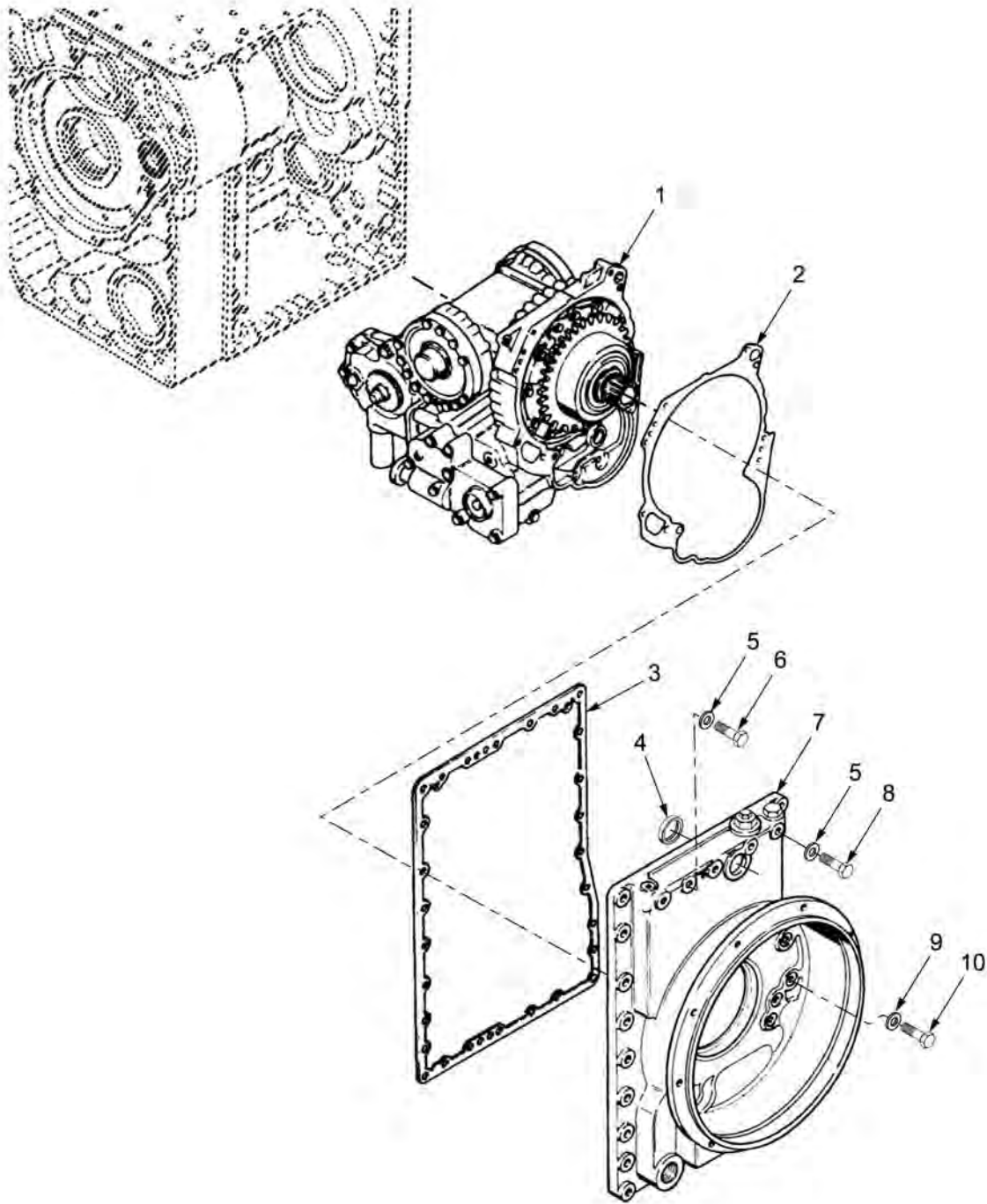


Figure 6. Bevel Gear and Input Housing.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO. | DESCRIPTION AND USABLE ON CODE (UOC)                  | QTY |
|----------|-------|------------------|-------|----------|---|-----|
|          |       |                  |       |          | GROUP 0710 TRANSMISSION ASSEMBLY                      |     |
|          |       |                  |       |          | FIGURE 6 Bevel Gear and Input Housing.                |     |
| 1        | AHHHH |                  | 73342 | 29537797 | BEVEL GEAR ASSEMBLY .....                             | 1   |
|          |       |                  |       |          | (SEE FIGS 12, 13, 22, 23, AND 24 FOR COMPONENT PARTS) |     |
| 2        | PAHZZ | 5330-01-217-2201 | 73342 | 23018187 | GASKET .....  | 1   |
| 3        | PAHZZ | 5330-01-217-7013 | 73342 | 23018073 | GASKET .....  | 1   |
| 4        | PAHZZ | 5330-01-287-5798 | 73342 | 23048292 | PACKING, PREFORMED .....                              | 1   |
| 5        | PAHZZ | 5310-01-057-3111 | 73342 | 23048061 | WASHER, FLAT .....                                    | 29  |
| 6        | PAHZZ |                  | 73342 | 29549593 | BOLT, MACHINE.....                                    | 5   |
| 7        | PAHHH | 3040-01-286-0318 | 73342 | 23048310 | HOUSING, MECHANICAL.....                              | 1   |
|          |       |                  |       |          | (SEE FIG 10 FOR COMPONENT PARTS)                      |     |
| 8        | PAHZZ |                  | 73342 | 29549595 | BOLT, MACHINE.....                                    | 24  |
| 9        | PAHZZ | 5310-00-913-3356 | 24617 | 9422847  | WASHER, FLAT .....                                    | 9   |
| 10       | PAHZZ | 5305-01-057-4264 | 73342 | 9409030  | SCREW, CAP, HEXAGON HEAD.....                         | 9   |
|          |       |                  |       |          | END OF FIGURE   |     |





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SUSTAINMENT MAINTENANCE  
CONVERTER PUMP AND COVER

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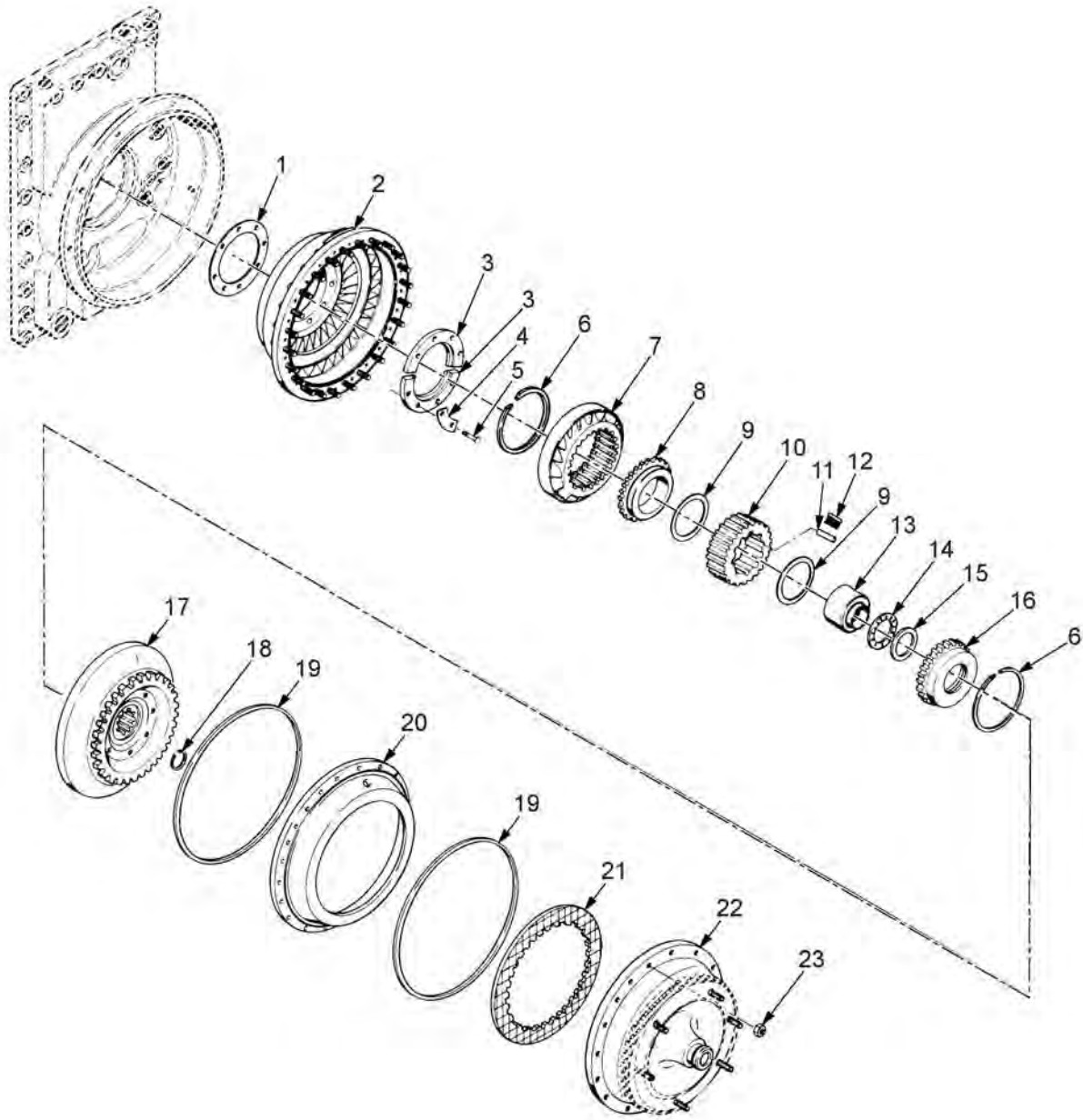


Figure 7. Converter Pump and Cover.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO.                 | DESCRIPTION AND USABLE ON CODE (UOC)          | QTY |
|----------|-------|------------------|-------|--------------------------|---|-----|
|          |       |                  |       |                          | GROUP 0710 TRANSMISSION ASSEMBLY              |     |
|          |       |                  |       |                          | FIGURE 7 Converter Pump and Cover.            |     |
| 1        | PAHZZ | 5330-01-553-0452 | 73342 | 23018191<br>NON-ASBESTOS | GASKET .....                                  | 1   |
| 2        | PAHZZ | 2520-01-499-1438 | 73342 | 29505983                 | TORQUE CONVERTER, VEHICULAR ....              | 1   |
| 3        | PAHZZ | 3110-01-217-2262 | 73342 | 23018195                 | PLATE, RETAINING, BEARING .....               | 2   |
| 4        | PAHZZ | 5340-01-217-2305 | 73342 | 23018194                 | LOCKING PLATE, NUT AND BOLT .....             | 4   |
| 5        | PAHZZ | 5305-00-051-4078 | 72582 | 186505                   | SCREW, CAP, HEXAGON HEAD .....                | 8   |
| 6        | PAHZZ | 5325-00-282-7017 | 24617 | 6750199                  | RING, RETAINING.....                          | 2   |
| 7        | PAHZZ | 2520-01-499-9055 | 73342 | 29505981                 | STATOR, TORQUE CONVERTER .....                | 1   |
| 8        | PAHZZ | 3040-00-733-4742 | 73342 | 8351717                  | WASHER, CAM ROLLER .....                      | 1   |
| 9        | PAHZZ | 3120-00-841-0271 | 19207 | 8351718                  | BEARING, WASHER, THRUST .....                 | 2   |
| 10       | PAHZZ | 2520-00-736-0268 | 19207 | 8351725                  | CAM, TRANSMISSION STATOR .....                | 1   |
| 11       | PAHZZ | 3110-00-770-7842 | 19207 | 7707842                  | ROLLER, BEARING .....                         | 12  |
| 12       | PAHZZ | 5360-00-736-0271 | 19207 | 8351366                  | SPRING, HELICAL, COMPRESSION .....            | 12  |
| 13       | PAHZZ | 3120-01-215-9776 | 73342 | 23018190                 | ROLLER, LINEAR-ROTARY MOTION ....             | 1   |
| 14       | PAHZZ | 3110-00-939-6843 | 60380 | NTA3650                  | RETAINER AND ROLLER.....                      | 1   |
| 15       | PAHZZ | 3110-00-839-9149 | 60380 | TRD3648                  | SEAT, BEARING .....                           | 1   |
| 16       | PAHZZ | 2520-01-214-5793 | 73342 | 23018117                 | DISK, CLUTCH .....                            | 1   |
| 17       | PAHZZ | 2520-01-214-3854 | 73342 | 23018165                 | TURBINE ASSEMBLY, TRANSMISSION .              | 1   |
| 18       | PAHZZ | 5325-01-217-1021 | 73342 | 23018254                 | RING, RETAINING.....                          | 1   |
| 19       | PAHZZ | 5330-00-631-8125 | 73342 | 23016564                 | GASKET .....                                  | 2   |
| 20       | PAHZZ | 2520-00-679-6972 | 73342 | 6756778                  | RETAINER, CLUTCH PLATE,<br>TRANSMISSION ..... | 1   |
| 21       | PAHZZ | 2520-01-261-1715 | 73342 | 23046108                 | CLUTCH HALF, POSITIVE, VEHICULAR              | 1   |
| 22       | AHHHH |                  | 73342 | 29541129                 | COVER ASSEMBLY, CONVERTER<br>PUMP .....       | 1   |
|          |       |                  |       |                          | (SEE FIG 9 FOR COMPONENT PARTS)               |     |
| 23       | PAHZZ | 5310-00-088-0553 | 80205 | MS21044N5                | NUT, SELF-LOCKING, HEXAGON.....               | 24  |
|          |       |                  |       |                          | END OF FIGURE                                 |     |



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SUSTAINMENT MAINTENANCE

TOP COVER

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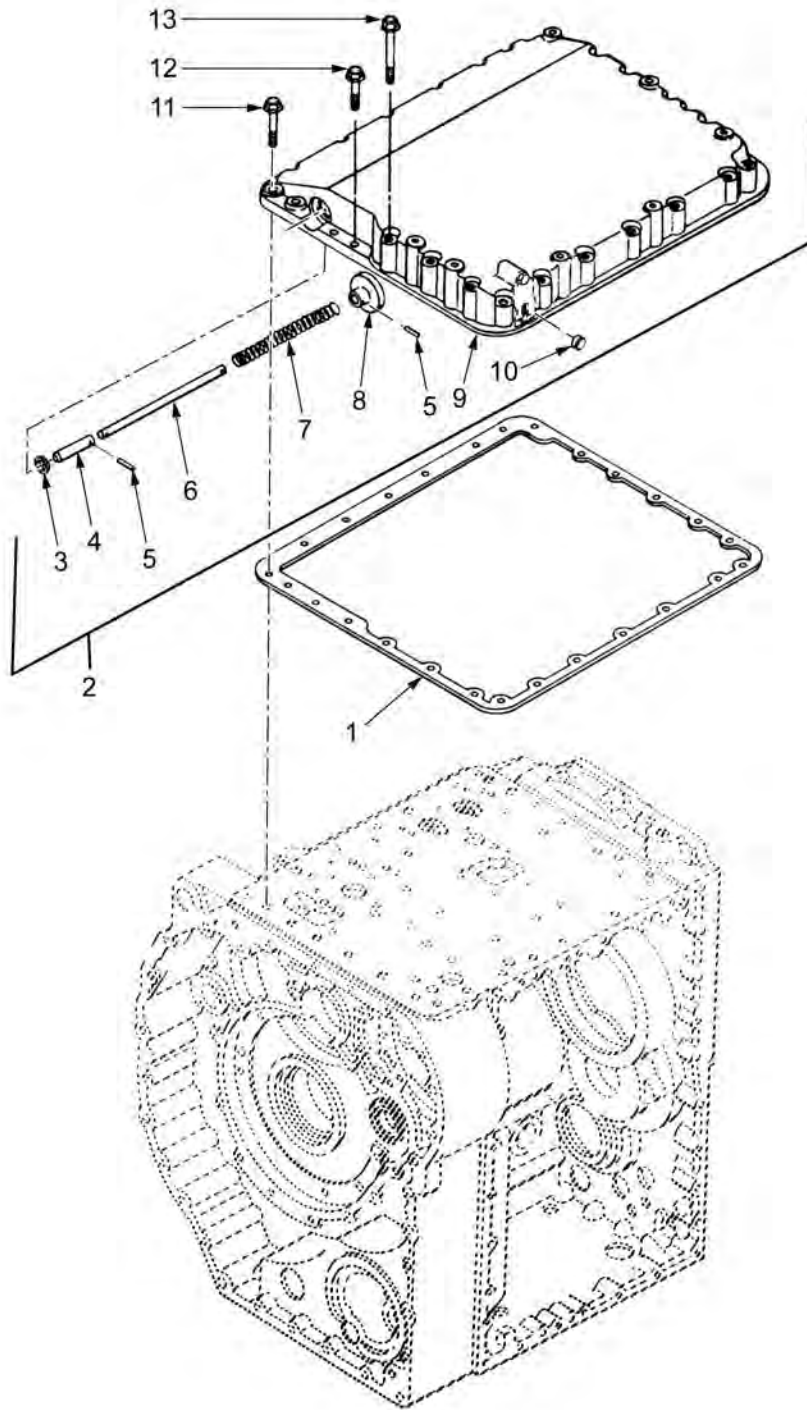


Figure 8. Top Cover.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO. | DESCRIPTION AND USABLE ON CODE (UOC) | QTY |
|----------|-------|------------------|-------|----------|--------------------------------------|-----|
|          |       |                  |       |          | GROUP 0710 TRANSMISSION ASSEMBLY     |     |
|          |       |                  |       |          | FIGURE 8 Top Cover.                  |     |
| 1        | PAHZZ | 5330-01-217-4041 | 73342 | 23045129 | GASKET .....                         | 1   |
| 2        | PAHHH | 5340-01-216-8479 | 73342 | 23045114 | COVER, ACCESS .....                  | 1   |
| 3        | PAHZZ | 5330-01-216-4005 | 73342 | 23018241 | . SEAL, PLAIN ENCASED .....          | 1   |
| 4        | PAHZZ | 2520-01-220-6737 | 73342 | 23017949 | . EXTENSION, PUSH ROD .....          | 1   |
| 5        | PAHZZ | 5315-01-095-3110 | 72582 | 455862   | . PIN, SPRING .....                  | 2   |
| 6        | XBHZZ | 5315-01-215-7513 | 73342 | 23017951 | . PIN, STRAIGHT, HEADLESS.....       | 1   |
| 7        | PAHZZ | 5360-01-217-1017 | 73342 | 23017953 | . SPRING, HELICAL, COMPRESSION ....  | 1   |
| 8        | PAHZZ | 3040-01-214-3184 | 73342 | 23017952 | . CAP, LINEAR ACTUATING CYLINDER.    | 1   |
| 9        | XAHZZ |                  | 73342 | 23018270 | . COVER, TRANSMISSION TOP .....      | 1   |
| 10       | PAHZZ | 5330-01-216-5698 | 80201 | 544306   | . SEAL, PLAIN ENCASED .....          | 1   |
| 11       | PAHZZ |                  | 73342 | 29549601 | BOLT, MACHINE.....                   | 9   |
| 12       | PAHZZ |                  | 73342 | 29549598 | BOLT, MACHINE.....                   | 2   |
| 13       | PAHZZ | 5306-01-217-2909 | 73342 | 29549602 | BOLT, MACHINE.....                   | 15  |
|          |       |                  |       |          | END OF FIGURE                        |     |





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**SUSTAINMENT MAINTENANCE**  
**CONVERTER PUMP COVER AND LOCKUP PISTON**

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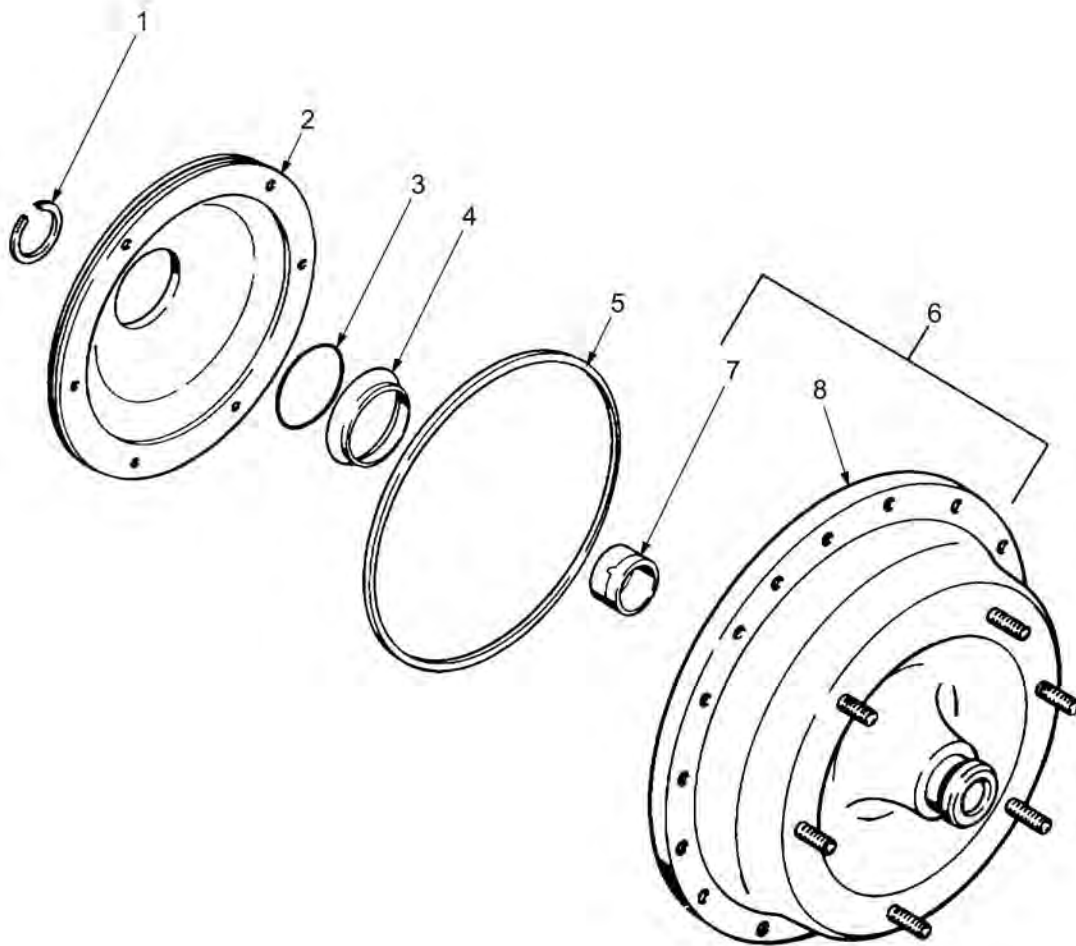


Figure 9. Converter Pump Cover and Lockup Piston.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO. | DESCRIPTION AND USABLE ON CODE (UOC)             | QTY |
|----------|-------|------------------|-------|----------|--|-----|
|          |       |                  |       |          | GROUP 0710 TRANSMISSION ASSEMBLY                 |     |
|          |       |                  |       |          | FIGURE 9 Converter Pump Cover and Lockup Piston. |     |
| 1        | PAHZZ | 5325-01-028-8203 | 73342 | 6836676  | RING, RETAINING.....                             | 1   |
| 2        | PAHZZ | 2520-00-767-5417 | 73342 | 6770845  | PISTON, CLUTCH SHAFT .....                       | 1   |
| 3        | PAHZZ | 5331-00-821-4490 | 73342 | 6770820  | O-RING .....                                     | 1   |
| 4        | PAHZZ | 5330-01-509-1404 | 73342 | 29541128 | RETAINER, PACKING .....                          | 1   |
| 5        | PAHZZ | 2520-00-679-6974 | 73342 | 6758036  | SEAL RING, TRANSMISSION .....                    | 1   |
| 6        | PAHDD | 2520-01-235-9590 | 73342 | 23046165 | COVER ASSEMBLY, PUMP .....                       | 1   |
| 7        | PADZZ | 3120-00-679-7068 | 19207 | 7710319  | . BEARING, SLEEVE.....                           | 1   |
| 8        | XAHZZ |                  | 73342 | 23046166 | . COVER ASSEMBLY, MACHINE.....                   | 1   |
|          |       |                  |       |          | END OF FIGURE                                    |     |



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SUSTAINMENT MAINTENANCE  
INPUT HOUSING

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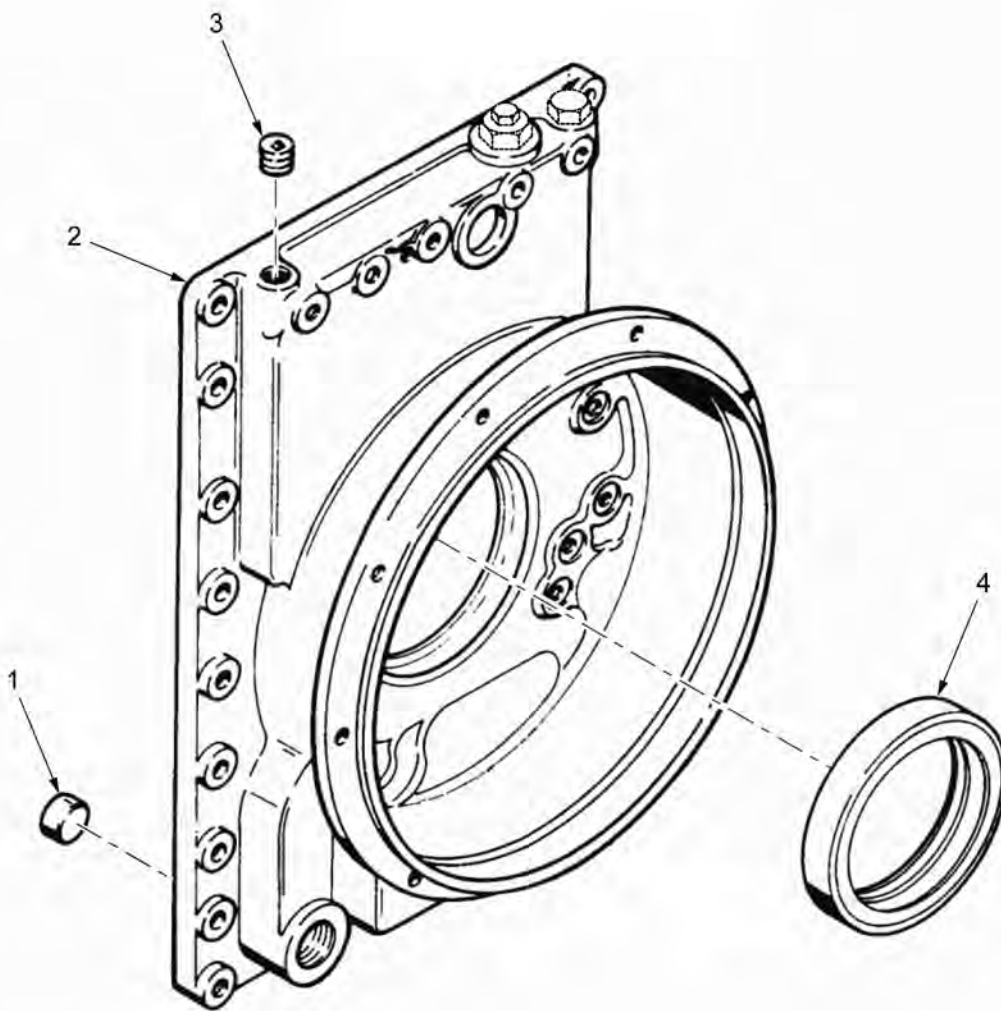


Figure 10. Input Housing.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO. | DESCRIPTION AND USABLE ON CODE (UOC)                         | QTY |
|----------|-------|------------------|-------|----------|--|-----|
|          |       |                  |       |          | GROUP 0710 TRANSMISSION ASSEMBLY<br>FIGURE 10 Input Housing. |     |
| 1        | PAHZZ | 5365-01-216-5750 | 73342 | 23018028 | BUSHING BLANK.....   | 1   |
| 2        | XAHZZ |                  | 73342 | 23048455 | HOUSING, INPUT, LEFT .....                                   | 1   |
|          |       |                  |       |          | (SEE FIG 6 FOR NEXT HIGHER ASSEMBLY)                         |     |
| 3        | PAHZZ | 4730-01-213-8030 | 73342 | 23018209 | PLUG, PIPE .....   | 1   |
| 4        | PAHZZ | 5330-00-904-8110 | 80201 | 530677   | SEAL, PLAIN ENCASED.....                                     | 1   |
|          |       |                  |       |          | END OF FIGURE  |     |





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**SUSTAINMENT MAINTENANCE**  
**CENTER HOUSING AND HYDROSTATIC PUMP AND MOTOR**

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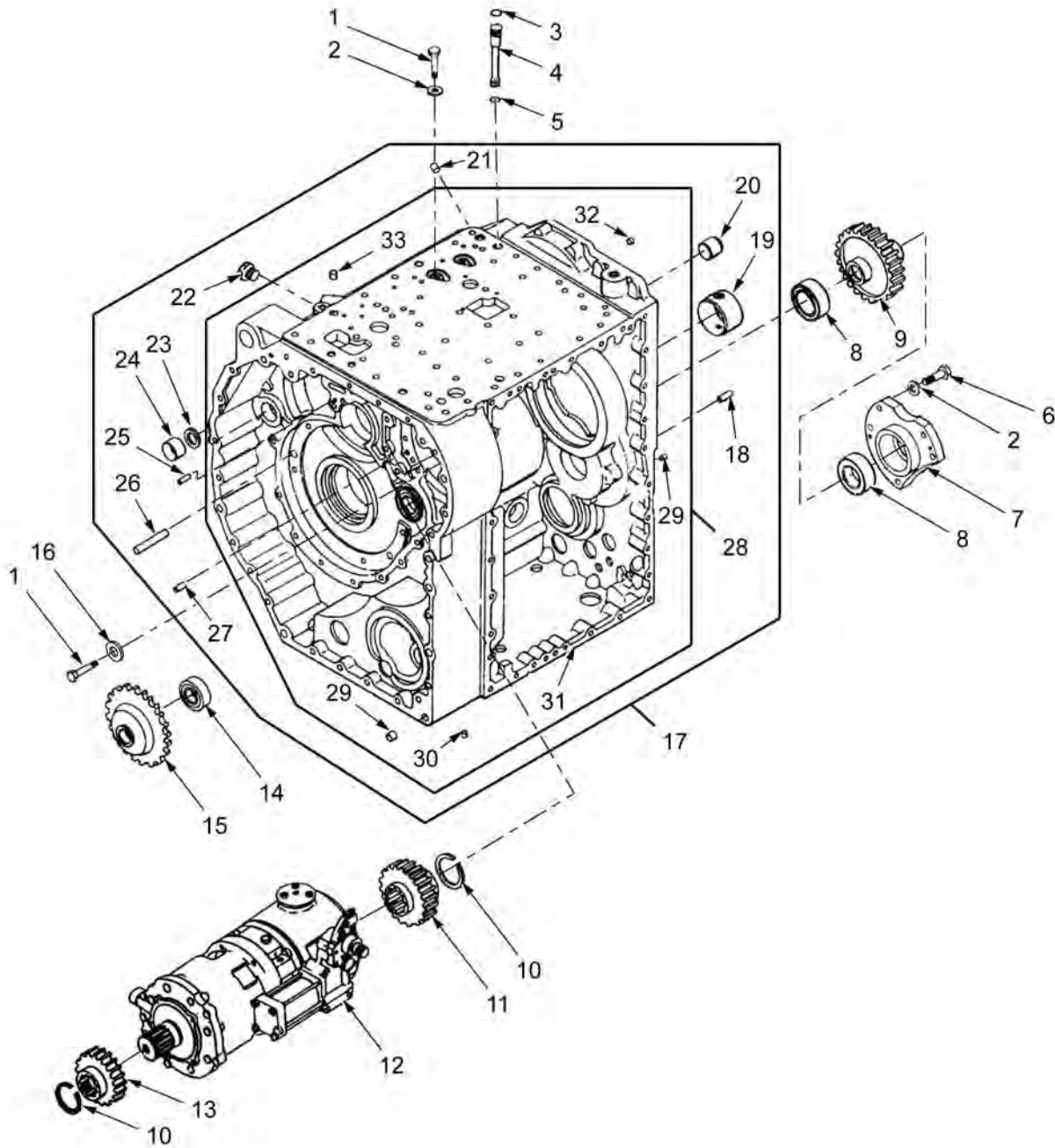


Figure 11. Center Housing and Hydrostatic Pump and Motor.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO.     | DESCRIPTION AND USABLE ON CODE (UOC)  | QTY |
|----------|-------|------------------|-------|--------------|---|-----|
|          |       |                  |       |              | GROUP 0710 TRANSMISSION ASSEMBLY  |     |
|          |       |                  |       |              | FIGURE 11 Center Housing and Hydrostatic Pump and Motor.  |     |
| 1        | PAHZZ | 5306-01-083-6443 | 96906 | MS35764-236  | BOLT, MACHINE.....  | 8   |
| 2        | PAHZZ | 5310-00-776-7670 | 73342 | 6769636      | WASHER, FLAT.....   | 8   |
| 3        | PAHZZ | 5331-01-216-5705 | 73342 | 6836130      | O-RING.....   | 2   |
| 4        | PAHZZ | 4710-01-214-3241 | 73342 | 23018172     | TUBE ASSEMBLY, METAL.....   | 2   |
| 5        | PAHZZ | 5331-01-216-5704 | 73342 | 6836129      | O-RING.....   | 2   |
| 6        | PAHZZ | 5306-00-940-9028 | 19207 | 8350600      | BOLT, MACHINE.....  | 6   |
| 7        | PAHZZ | 3110-01-218-3395 | 73342 | 23017878     | PLATE, RETAINING, BEARING.....  | 1   |
| 8        | PAHZZ | 3110-01-216-4031 | 3M084 | BS226348     | BEARING, ROLLER, CYLINDRICAL.....   | 2   |
| 9        | PAHZZ | 3020-01-519-4419 | 73342 | 29512613     | GEAR, SPUR.....   | 1   |
| 10       | PAHZZ | 5325-01-217-3077 | 73342 | 6832579      | RING, RETAINING.....  | 2   |
| 11       | PAHZZ | 3020-01-215-3344 | 73342 | 23018074     | GEAR, SPUR.....   | 1   |
| 12       | PAHDD | 4320-01-376-5651 | 73342 | 29511632     | PUMP UNIT, AXIAL PISTONS.....   | 1   |
|          |       |                  |       |              | (S&T DYNAMICS PUMP—SEE FIGS 26, 27, 28, 29 FOR COMPONENT PARTS)<br>(EATON PUMP—SEE FIGS 30, 31, 32, 33 FOR COMPONENT PARTS) |     |
| 13       | PAHZZ | 3020-01-214-7354 | 73342 | 23018115     | GEAR, SPUR.....   | 1   |
| 14       | PAHZZ | 3110-01-216-4033 | 3M084 | BS226347     | BEARING, ROLLER, CYLINDRICAL.....   | 1   |
| 15       | PAHZZ | 3020-01-422-1971 | 73342 | 29510171     | GEAR, SPUR.....   | 1   |
| 16       | PAHZZ | 5310-00-274-8041 | 06853 | 204235       | WASHER, FLAT.....   | 6   |
| 17       | PAHHH | 3040-01-198-0713 | 73342 | 23045026     | HOUSING, MECHANICAL.....  | 1   |
| 18       | PAHZZ | 5315-00-480-4453 | 72582 | 141242       | . PIN, STRAIGHT, HEADLESS.....  | 4   |
| 19       | PAHZZ | 4730-01-214-1560 | 73342 | 23017854     | . SLEEVE, OIL TRANSFER.....   | 1   |
| 20       | PAHZZ | 5365-01-217-0856 | 73342 | 23017853     | . SPACER, SLEEVE.....   | 1   |
| 21       | PAHZZ | 4730-00-808-6814 | 73342 | 23018205     | . PLUG, PIPE.....   | 1   |
| 22       | PAHZZ | 4730-01-221-7138 | 73342 | 23018206     | . PLUG, PIPE.....   | 5   |
|          |       |                  |       |              | (PRESSURE PORT, C3, C4, C5, G2, AND LUBE)   |     |
| 23       | PAHZZ | 3120-01-216-2869 | 73342 | 6832310      | . BEARING, WASHER, THRUST.....  | 1   |
| 24       | PAHZZ | 3110-00-277-0559 | 60380 | 6321-0054-02 | . BEARING, ROLLER, NEEDLE.....  | 1   |
| 25       | PAHZZ | 5315-00-044-3767 | 24617 | 443767       | . PIN, STRAIGHT, HEADLESS.....  | 2   |
| 26       | PAHZZ | 5315-01-215-7514 | 73342 | 23018031     | . PIN, STRAIGHT, HEADLESS.....  | 2   |
| 27       | PAHZZ | 5315-00-014-1262 | 24617 | 141262       | . PIN, STRAIGHT, HEADLESS.....  | 1   |
| 28       | XAHDD |                  | 73342 | 23045027     | . HOUSING CENTER MACHINING.....   | 1   |
| 29       | PAHZZ | 5325-01-216-1737 | 73342 | 23049119     | . . INSERT, SCREW THREAD.....   | 11  |
| 30       | PAHZZ | 5325-01-217-5074 | 73342 | 23018271     | . . INSERT, SCREW THREAD.....   | 3   |
| 31       | XAHZZ |                  | 73342 | 23045028     | . . HOUSING, CENTER.....  | 1   |
| 32       | PAHZZ | 5325-00-290-4518 | 24617 | 452692       | . . INSERT, SCREW THREAD.....   | 8   |
| 33       | PAHZZ | 5325-01-291-2181 | 73342 | 23049118     | . . INSERT, SCREW THREAD.....   | 5   |
|          |       |                  |       |              | END OF FIGURE   |     |



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**SUSTAINMENT MAINTENANCE**  
**BEVEL GEAR AND BEVEL GEAR CARRIER**

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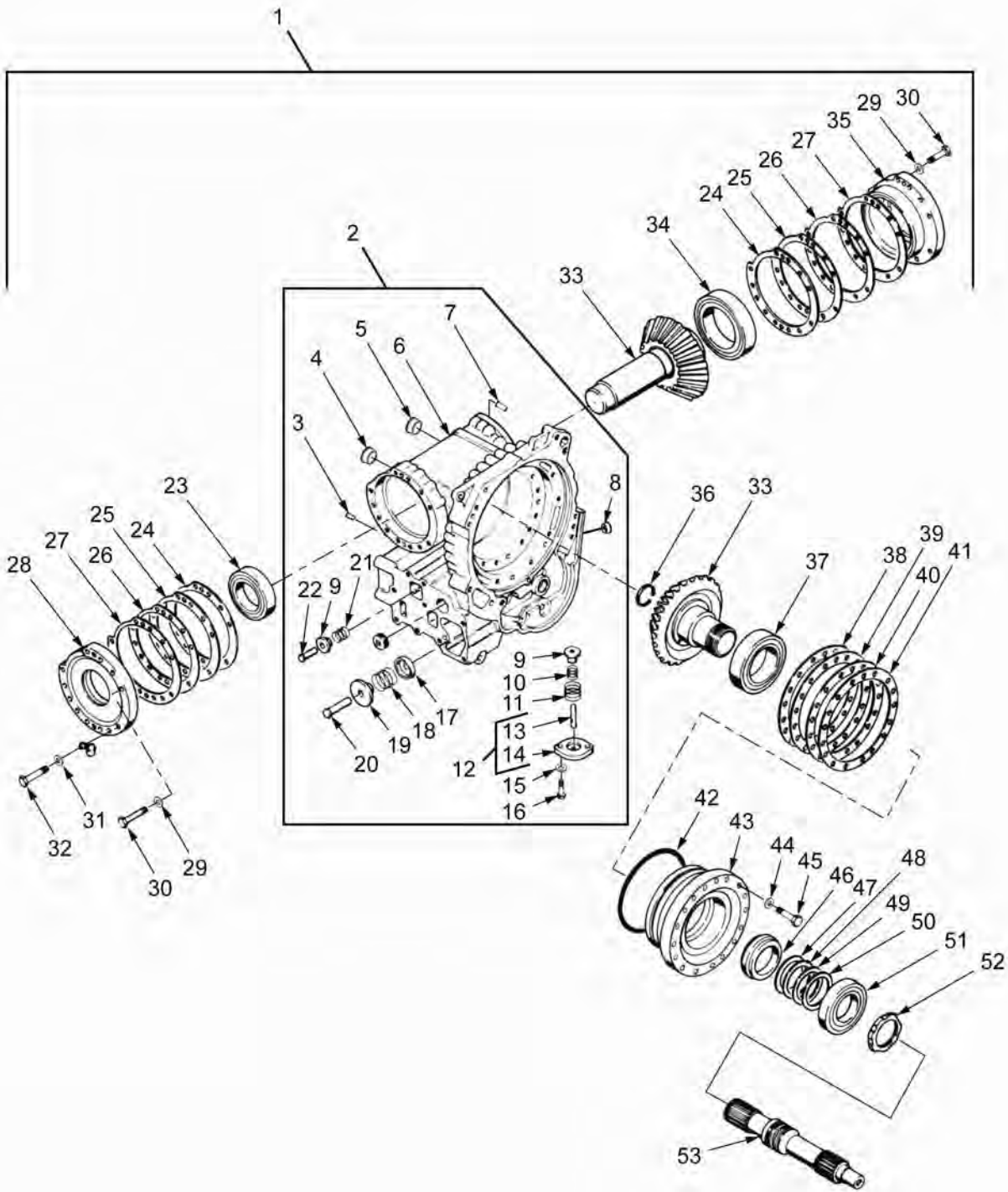


Figure 12. Bevel Gear and Bevel Gear Carrier.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO.    | DESCRIPTION AND USABLE ON CODE (UOC)         | QTY |
|----------|-------|------------------|-------|-------------|--|-----|
|          |       |                  |       |             | GROUP 0710 TRANSMISSION ASSEMBLY             |     |
|          |       |                  |       |             | FIGURE 12 Bevel Gear and Bevel Gear Carrier. |     |
| 1        | PAHDD | 3010-01-544-1270 | 73342 | 29537798    | CARRIER HOUSING ASSEMBLY.....                | 1   |
| 2        | PADDD | 3040-01-544-1270 | 73342 | 29511028    | . HOUSING, MECHANICAL.....                   | 1   |
| 3        | PADZZ | 5315-00-014-1195 | 24617 | 141195      | . . PIN, STRAIGHT, HEADLESS.....             | 2   |
| 4        | PADZZ | 3110-00-902-1657 | 60380 | B-1210-OH   | . . BEARING, ROLLER, NEEDLE.....             | 2   |
| 5        | PADZZ | 4730-01-048-9371 | 96906 | 6765238     | . . PLUG, PIPE.....                          | 2   |
| 6        | XADZZ |                  | 73342 | 29511027    | . . CARRIER, BEVEL GEAR.....                 | 1   |
| 7        | PADZZ | 5315-00-014-1240 | 24617 | 141240      | . . PIN, STRAIGHT, HEADLESS.....             | 4   |
| 8        | PADZZ | 4730-00-808-6814 | 15434 | 444687      | . . PLUG, PIPE.....                          | 2   |
| 9        | PADZZ | 5365-01-217-4079 | 73342 | 23018047    | . . SPACER, SLEEVE.....                      | 2   |
| 10       | PADZZ | 5360-01-216-3266 | 73342 | 6836135     | . . SPRING, HELICAL, COMPRESSION..           | 1   |
| 11       | PADZZ | 5360-00-200-6365 | 19207 | 7709601     | . . SPRING, HELICAL, COMPRESSION..           | 1   |
| 12       | PAHHH | 2520-01-203-9885 | 73342 | 23018053    | . . COVER ASSEMBLY, VALVE.....               | 1   |
| 13       | XADZZ |                  | 24617 | 141210      | . . . PIN, STRAIGHT, HEADLESS.....           | 1   |
| 14       | XADZZ |                  | 73342 | 23018054    | . . . COVER, CHECK VALVE.....                | 1   |
| 15       | PADZZ | 5310-01-084-1197 | 24617 | 9422846     | . . WASHER, FLAT.....                        | 2   |
| 16       | PADZZ | 5706-00-822-2118 | 24617 | 9409076     | . . BOLT, MACHINE.....                       | 2   |
| 17       | PADZZ | 2520-01-214-1559 | 73342 | 23018051    | . . GUIDE, TRANSMISSION.....                 | 1   |
| 18       | PADZZ | 5360-01-216-3265 | 73342 | 23018049    | . . SPRING, HELICAL, COMPRESSION..           | 1   |
| 19       | PADZZ | 2520-01-214-1558 | 73342 | 23018050    | . . HUB, TRANSMISSION.....                   | 1   |
| 20       | PADZZ | 5315-01-217-2270 | 73342 | 23018052    | . . PIN, STRAIGHT, HEADED.....               | 1   |
| 21       | PADZZ | 5360-00-044-3945 | 73342 | 6769825     | . . SPRING, HELICAL, COMPRESSION..           | 1   |
| 22       | PADZZ | 5315-01-564-2315 | 73342 | 23018048    | . . PIN, STRAIGHT, HEADED.....               | 1   |
| 23       | PADZZ | 3110-00-789-1842 | 58536 | 9429554     | . BEARING, ROLLER, TAPERED.....              | 1   |
| 24       | PADZZ | 5365-01-216-2824 | 73342 | 23018128    | . SHIM.....                                  | V   |
| 25       | PADZZ | 5365-01-216-2825 | 73342 | 23018129    | . SHIM.....                                  | V   |
| 26       | PADZZ | 5365-01-216-2826 | 73342 | 23018130    | . SHIM.....                                  | V   |
| 27       | PADZZ | 5365-01-272-1258 | 73342 | 23048640    | . SPACER, PLATE.....                         | V   |
| 28       | PADZZ | 3110-01-218-1566 | 73342 | 23018132    | . PLATE, RETAINING, BEARING.....             | 1   |
| 29       | PADZZ | 5310-00-274-8041 | 06853 | 204235      | . WASHER, FLAT.....                          | 23  |
| 30       | PADZZ | 5306-01-083-6443 | 96906 | MS35764-236 | . BOLT, MACHINE.....                         | 23  |
| 31       | PAHZZ | 5310-00-274-8041 | 06853 | 204235      | . WASHER, FLAT.....                          | 1   |
| 32       | PAHZZ | 5306-01-083-6443 | 96906 | MS35764-236 | . BOLT, MACHINE.....                         | 1   |
| 33       | PADZZ | 3020-01-214-3845 | 73342 | 29533248    | . GEAR SET, BEVEL, MATCHED.....              | 1   |
| 34       | PADZZ | 3110-00-427-6591 | 96906 | DS3225-12   | . BEARING, ROLLER, TAPERED.....              | 1   |
| 35       | PADZZ | 3110-01-216-4086 | 73342 | 23018131    | . PLATE, RETAINING, BEARING.....             | 1   |
| 36       | PADZZ | 5325-01-217-1021 | 73342 | 23018254    | . RING, RETAINING.....                       | 1   |
| 37       | PADZZ | 3110-00-488-3879 | 60038 | DS3225-9    | . BEARING, ROLLER, TAPERED.....              | 1   |
| 38       | PADZZ | 5365-01-217-2208 | 73342 | 23018122    | . SHIM.....                                  | V   |
| 39       | PADZZ | 5365-01-217-2209 | 73342 | 23018123    | . SHIM.....                                  | V   |
| 40       | PADZZ | 5365-01-217-2210 | 73342 | 23018124    | . SHIM.....                                  | V   |
| 41       | PADZZ | 5365-01-272-7479 | 73342 | 23048638    | . SPACER, PLATE.....                         | V   |
| 42       | PADZZ | 5331-01-216-5702 | 73342 | 23018245    | . O-RING.....                                | 1   |
| 43       | PADZZ | 3110-01-222-3354 | 73342 | 23048298    | . PLATE, RETAINING, BEARING.....             | 1   |
| 44       | PADZZ | 5310-01-092-5495 | 24617 | 9422848     | . WASHER, FLAT.....                          | 13  |
| 45       | PADZZ | 5306-00-843-6398 | 24617 | 9416011     | . BOLT, MACHINE.....                         | 13  |

| ITEM NO.      | SMR   | NSN              | CAGEC | PART NO. | DESCRIPTION AND USABLE ON CODE (UOC) | QTY |
|---------------|-------|------------------|-------|----------|--------------------------------------|-----|
| 46            | PADZZ | 5330-01-217-4047 | 73342 | 23018121 | . RETAINER, PACKING .....            | 1   |
| 47            | PADZZ | 5365-01-217-2966 | 73342 | 23018125 | . SHIM .....                         | V   |
| 48            | PADZZ | 5365-01-217-2967 | 73342 | 23018126 | . SHIM .....                         | V   |
| 49            | PADZZ | 5365-01-217-2968 | 73342 | 23018127 | . SHIM .....                         | V   |
| 50            | PADZZ | 5365-01-513-5801 | 73342 | 23048639 | . SPACER, RING .....                 | V   |
| 51            | PADZZ | 3110-00-138-6426 | 96906 | DS3225-5 | . BEARING, ROLLER, TAPERED.....      | 1   |
| 52            | PADZZ | 5310-01-216-1354 | 73342 | 23018120 | . NUT, PLAIN, ROUND .....            | 1   |
| 53            | PADZZ | 3040-01-222-0265 | 73342 | 23045917 | . SHAFT, SHOULDERED .....            | 1   |
| END OF FIGURE |       |                  |       |          |                                      |     |



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**SUSTAINMENT MAINTENANCE**  
**OIL TRANSFER DIAPHRAGM AND INPUT PUMP DRIVE GEAR**

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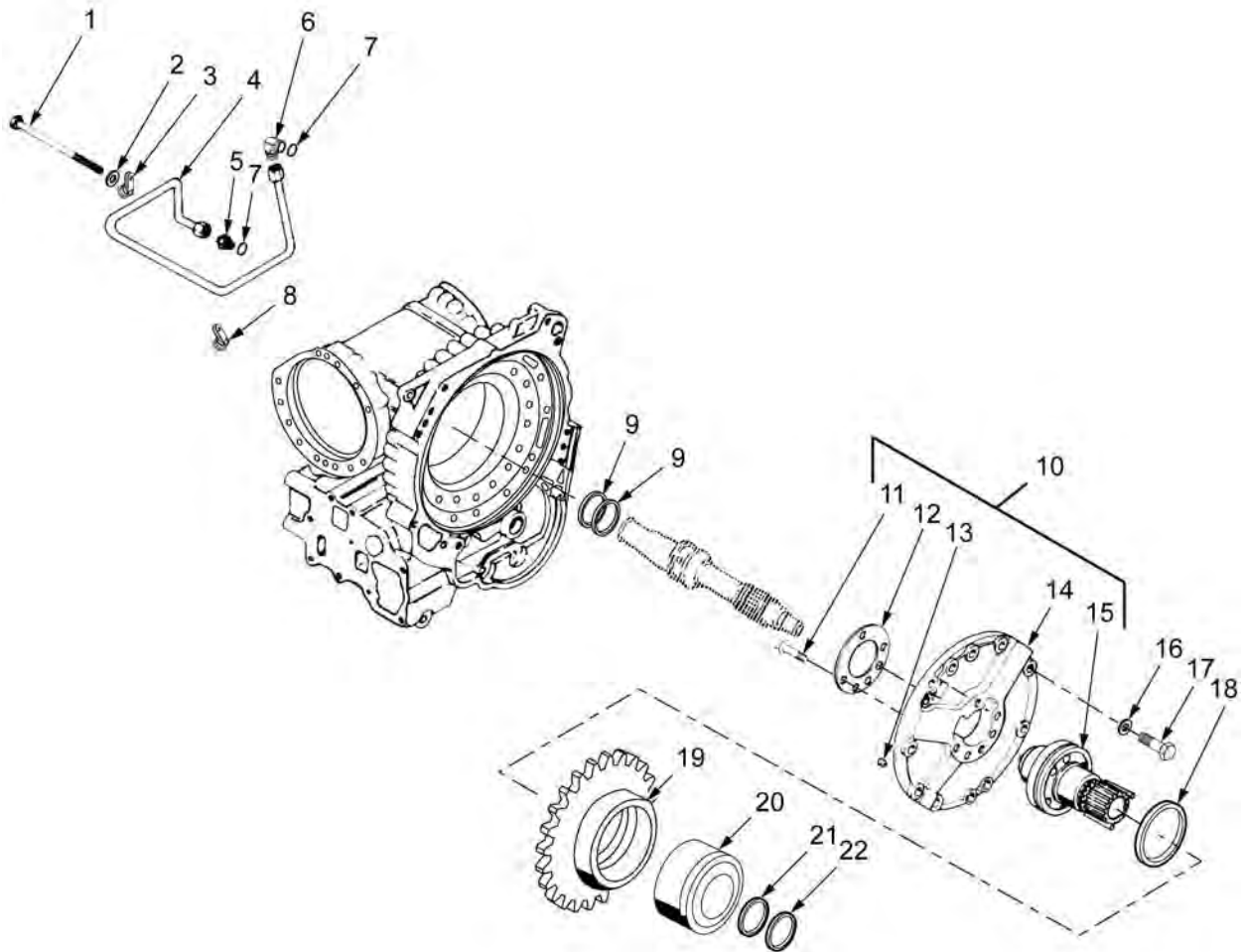


Figure 13. Oil Transfer Diaphragm and Input Pump Drive Gear.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO.    | DESCRIPTION AND USABLE ON CODE (UOC)                        | QTY |
|----------|-------|------------------|-------|-------------|---|-----|
|          |       |                  |       |             | GROUP 0710 TRANSMISSION ASSEMBLY                            |     |
|          |       |                  |       |             | FIGURE 13 Oil Transfer Diaphragm and Input Pump Drive Gear. |     |
| 1        | PAHZZ | 5305-01-499-6623 | 24617 | 9442435     | SCREW, CAP, HEXAGON HEAD.....                               | 1   |
| 2        | PAHZZ | 5310-01-084-1197 | 24617 | 9422846     | WASHER, FLAT.....   | 1   |
| 3        | PAHZZ | 5340-01-216-6785 | 73342 | 23018186    | CLAMP, LOOP.....  | 1   |
| 4        | PAHZZ | 4710-01-238-7100 | 73342 | 23046057    | TUBE ASSEMBLY, METAL.....                                   | 1   |
| 5        | PAHZZ | 4730-01-214-3112 | 24617 | 9410714     | NIPPLE, TUBE.....   | 1   |
| 6        | PAHZZ | 4730-01-558-9509 | 24617 | 9411180     | ELBOW, TUBE-TO-BOSS.....                                    | 1   |
| 7        | PAHZZ | 5331-01-216-5703 | 73342 | 23018247    | O-RING.....   | 2   |
| 8        | PADZZ | 5410-01-216-6786 | 73342 | 23018185    | CLAMP, LOOP.....  | 1   |
| 9        | PAHZZ | 5330-01-216-6765 | 73342 | 6836115     | SEAL RING, METAL.....                                       | 2   |
| 10       | PAHDD | 2520-01-198-0498 | 73342 | 23018020    | DIAPHRAGM ASSEMBLY.....                                     | 1   |
| 11       | PADZZ | 5305-01-058-4612 | 72582 | 9409060     | SCREW, MACHINE.....   | 6   |
| 12       | PADZZ | 5365-01-217-4051 | 73342 | 23018188    | SPACER, PLATE.....  | 1   |
| 13       | PADZZ | 5315-01-215-7512 | 24617 | 141255      | PIN, STRAIGHT, HEADLESS.....                                | 2   |
| 14       | PADZZ | 2520-01-214-3855 | 73342 | 23018021    | DIAPHRAGM, OIL TRANSFER.....                                | 1   |
| 15       | PADZZ | 3040-01-214-3175 | 73342 | 23018022    | GEARSHAFT, SPUR.....  | 1   |
| 16       | PAHZZ | 5310-00-274-8041 | 06853 | 204235      | WASHER, FLAT.....   | 9   |
| 17       | PAHZZ | 5306-01-083-6443 | 96906 | MS35764-236 | BOLT, MACHINE.....  | 9   |
| 18       | PAHZZ | 5330-01-238-4613 | 73342 | 23018235    | PACKING, PREFORMED.....                                     | 1   |
| 19       | PAHZZ | 3020-01-214-5787 | 73342 | 23017980    | GEAR, SPUR.....   | 1   |
| 20       | PAHZZ | 3110-01-273-2329 | 73342 | 23048619    | BEARING, BALL, ANNULAR.....                                 | 1   |
| 21       | PAHZZ | 5365-01-217-4052 | 73342 | 23018256    | SPACER, PLATE.....  | 1   |
| 22       | PAHZZ | 5325-01-217-3075 | 73342 | 23018255    | RING, RETAINING.....  | 1   |
|          |       |                  |       |             | END OF FIGURE   |     |



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SUSTAINMENT MAINTENANCE  
LEFT COVER AND OUTPUT SHAFT

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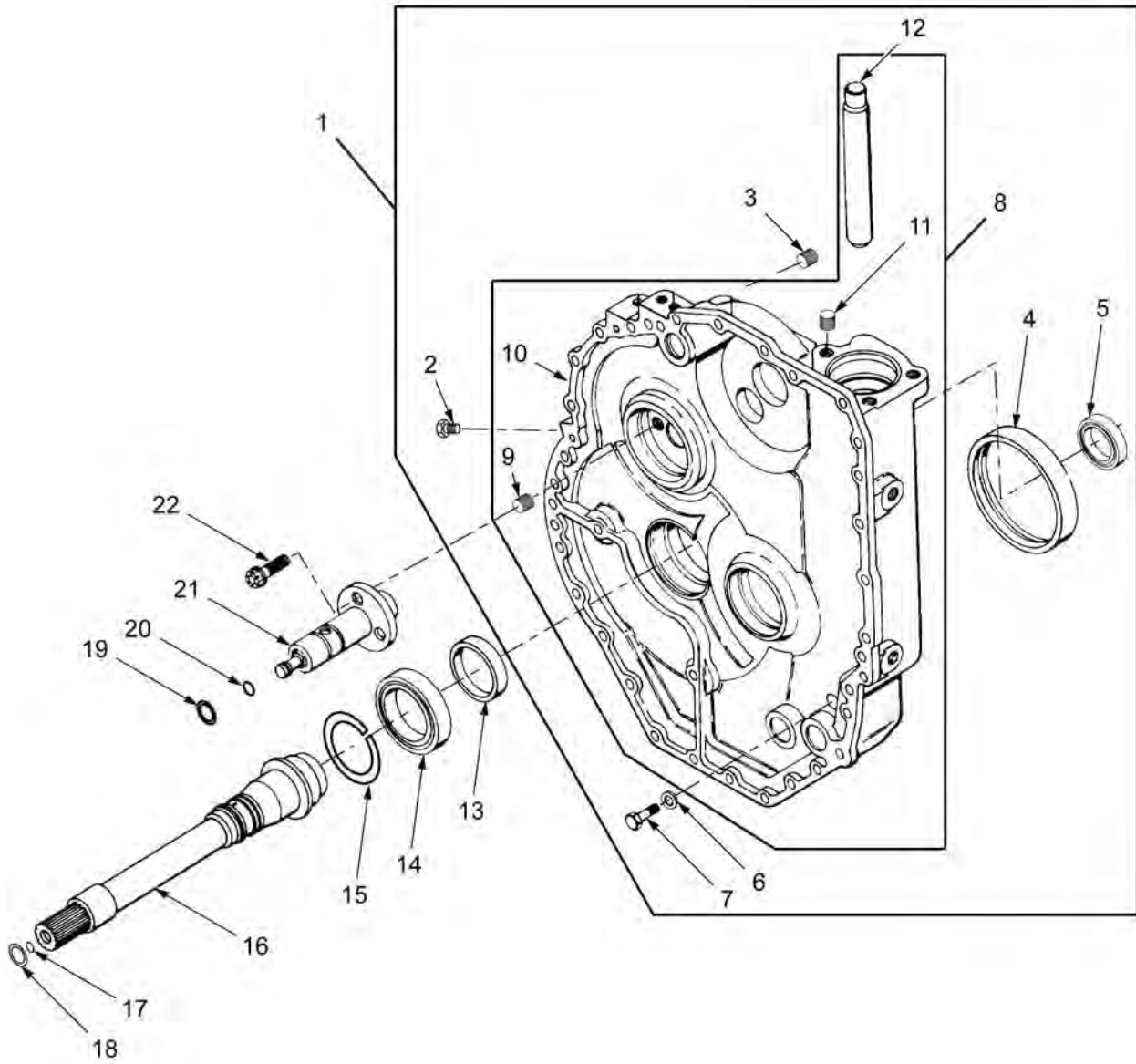


Figure 14. Left Cover and Output Shaft.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO. | DESCRIPTION AND USABLE ON CODE (UOC)   | QTY |
|----------|-------|------------------|-------|----------|--|-----|
|          |       |                  |       |          | GROUP 0710 TRANSMISSION ASSEMBLY       |     |
|          |       |                  |       |          | FIGURE 14 Left Cover and Output Shaft. |     |
| 1        | PADZZ | 5340-01-216-7640 | 73342 | 23018292 | COVER, ACCESS .....                    | 1   |
| 2        | PAHZZ | 4730-01-221-7138 | 73342 | 23018206 | . PLUG, PIPE .....                     | 1   |
| 3        | PAHZZ | 4730-01-214-1502 | 73342 | 23018208 | . PLUG, PIPE .....                     | 1   |
| 4        | PADZZ | 2520-01-216-8565 | 73342 | 23018042 | . COVER, SLEEVE .....                  | 1   |
| 5        | PAFZZ | 5330-01-216-4006 | 73342 | 6883697  | . SEAL, PLAIN ENCASED .....            | 1   |
| 6        | PADZZ | 5310-01-092-5496 | 24617 | 9422845  | . WASHER, FLAT .....                   | 1   |
| 7        | PADZZ | 5306-01-217-6970 | 73342 | 23018279 | . BOLT, MACHINE.....                   | 1   |
| 8        | XADDD |                  | 73342 | 23018289 | . COVER ASSEMBLY, END MACHINE ....     | 1   |
| 9        | PADZZ | 5325-01-291-2181 | 73342 | 23049118 | . . INSERT, SCREW THREAD.....          | 3   |
| 10       | XADZZ |                  | 73342 | 23018288 | . . COVER, LEFT .....                  | 1   |
| 11       | PAZZH | 5325-01-216-1737 | 73342 | 23049119 | . . INSERT, SCREW THREAD.....          | 3   |
| 12       | PADZZ | 4730-01-214-2369 | 73342 | 23018198 | . . REDUCER, TUBE .....                | 1   |
| 13       | PAHZZ | 3130-01-217-2284 | 73342 | 23045191 | LINER, BEARING HOUSING .....           | 1   |
| 14       | PAHZZ | 3110-00-592-9967 | 58536 | 23048588 | BEARING, BALL, ANNULAR.....            | 1   |
| 15       | PAHZZ | 5325-01-217-2069 | 73342 | 23045232 | RING, RETAINING.....                   | 1   |
| 16       | PAHZZ | 2520-01-422-4101 | 73342 | 29510209 | SHAFT, SHOULDERED .....                | 1   |
| 17       | PAHZZ | 5330-01-216-5711 | 73342 | 23018234 | RETAINER, PACKING .....                | 1   |
| 18       | PAHZZ | 5330-01-266-3312 | 73342 | 23048171 | RETAINER, PACKING .....                | 2   |
| 19       | PAHZZ | 5330-01-286-5468 | 73342 | 23049059 | RETAINER, PACKING .....                | 2   |
| 20       | PAHZZ | 5330-01-221-9177 | 73342 | 23018233 | SEAL, NONMETALLIC ROUND SECTION        | 1   |
| 21       | PADZZ | 4710-01-216-1159 | 73342 | 23018087 | TUBE ASSEMBLY, METAL.....              | 1   |
| 22       | PADZZ | 5306-01-186-8893 | 73342 | 23015337 | BOLT.....                              | 3   |
|          |       |                  |       |          | END OF FIGURE                          |     |





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**SUSTAINMENT MAINTENANCE**  
**RIGHT COVER AND BRAKE APPLY CAM SHAFT**

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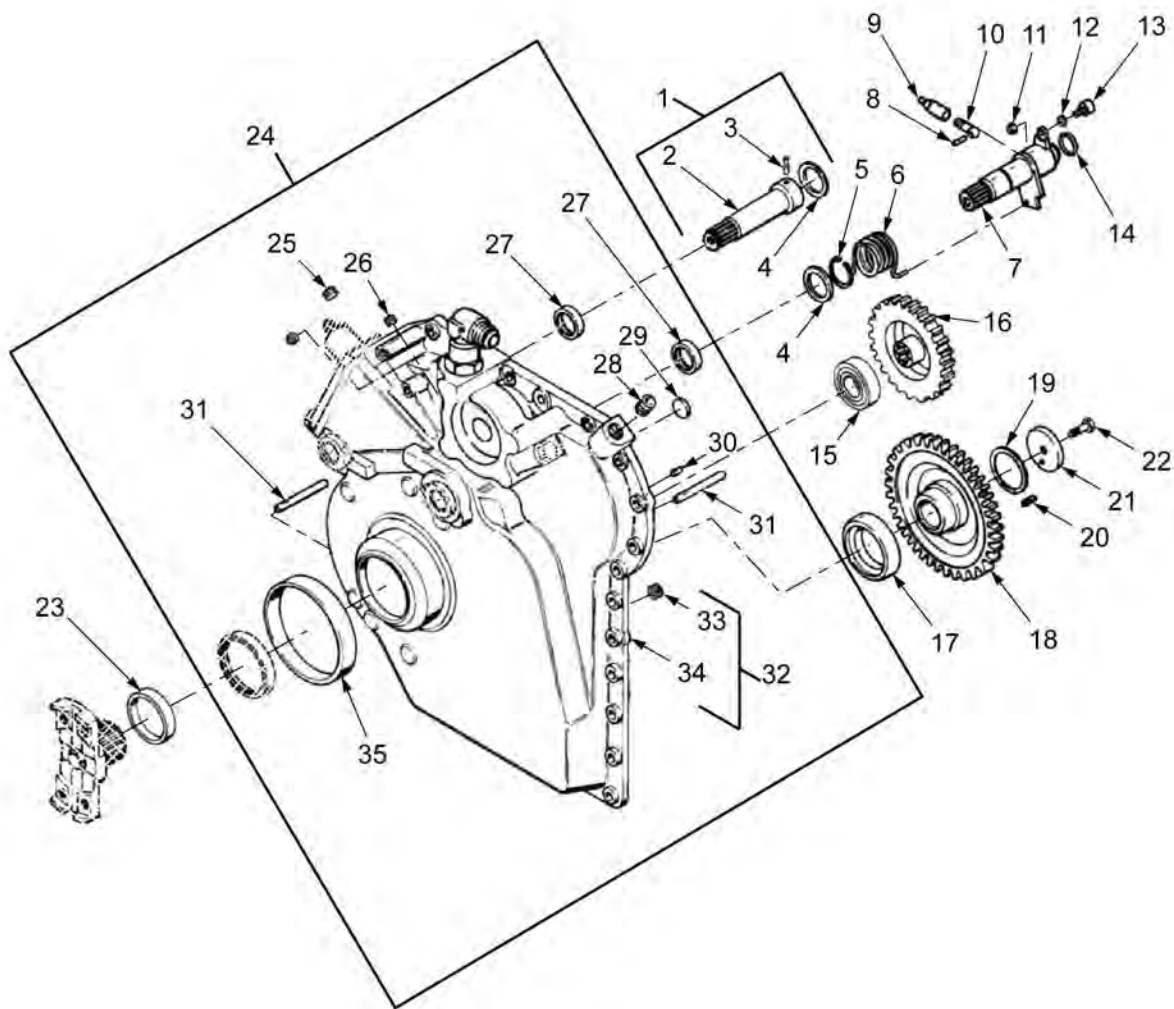


Figure 15. Right Cover and Brake Apply Cam Shaft.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO.       | DESCRIPTION AND USABLE ON CODE (UOC)             | QTY |
|----------|-------|------------------|-------|----------------|--|-----|
|          |       |                  |       |                | GROUP 0710 TRANSMISSION ASSEMBLY                 |     |
|          |       |                  |       |                | FIGURE 15 Right Cover and Brake Apply Cam Shaft. |     |
| 1        | PAHHH | 3040-01-214-9300 | 73342 | 23018232       | SHAFT, SHOULDERED .....                          | 1   |
| 2        | XAHZZ |                  | 73342 | 23018147       | . SHAFT, BRAKE APPLY, LEFT.....                  | 1   |
| 3        | XAHZZ | 5315-01-215-7511 | 24617 | 9421003        | . PIN, SPRING .....                              | 1   |
| 4        | PAHZZ | 5310-01-216-1369 | 73342 | 6836102        | WASHER, FLAT .....                               | 2   |
| 5        | PAHZZ | 5325-00-079-2212 | 73342 | 6751633        | RING, RETAINING.....                             | 1   |
| 6        | PAHZZ | 5360-01-216-3271 | 73342 | 23018151       | SPRING, HELICAL, TORSION.....                    | 1   |
| 7        | PAHZZ | 3040-01-214-1605 | 73342 | 23018024       | CAM, CONTROL .....                               | 1   |
| 8        | PAHZZ | 5315-01-215-7510 | 24617 | 455675         | PIN, SPRING .....                                | 1   |
| 9        | PAHZZ | 2520-01-214-3867 | 73342 | 23018143       | LINK, BRAKE ADJUSTING .....                      | 1   |
| 10       | PAHZZ | 2520-01-214-3866 | 73342 | 23018142       | LINK, BRAKE ADJUSTING .....                      | 1   |
| 11       | PAHZZ | 5310-01-112-7932 | 24617 | 443318         | NUT, SELF-LOCKING, HEXAGON.....                  | 1   |
| 12       | PAHZZ | 5365-01-217-0857 | 73342 | 23018150       | SPACER, SLEEVE .....                             | 1   |
| 13       | PAHZZ | 3110-01-221-3077 | 73342 | 23018149       | CAM FOLLOWER, NEEDLE BEARING ...                 | 1   |
| 14       | PAHZZ | 5310-01-216-1370 | 73342 | 23018262       | WASHER, FLAT .....                               | 1   |
| 15       | PAHZZ | 3110-01-216-4033 | 3M084 | BS226347       | BEARING, ROLLER, CYLINDRICAL.....                | 1   |
| 16       | PAHZZ | 3020-01-420-8039 | 73342 | 29510213       | GEAR, SPUR.....                                  | 1   |
| 17       | PAHZZ | 3110-00-913-8113 | 11083 | 23048585       | BEARING, ROLLER, CYLINDRICAL.....                | 1   |
| 18       | PAHZZ | 3020-01-422-1972 | 73342 | 29510212       | GEAR, SPUR.....                                  | 1   |
| 19       | PAHZZ | 3120-01-217-2250 | 73342 | 23018154       | BEARING, WASHER, THRUST .....                    | 1   |
| 20       | PAHZZ | 5315-00-058-6111 | 80205 | MS16562-140    | PIN, SPRING .....                                | 1   |
| 21       | PAHZZ | 3040-01-547-6675 | 73342 | 29515106       | PLATE, RETAINING, SHAFT.....                     | 1   |
| 22       | PAHZZ | 5306-00-940-9028 | 19207 | 8350600        | BOLT, MACHINE.....                               | 1   |
| 23       | PAHZZ | 3130-01-217-2284 | 73342 | 23045191       | LINER, BEARING HOUSING .....                     | 1   |
| 24       | PAHHH | 2520-01-214-5763 | 73342 | 29541369       | COVER ASSEMBLY, SLOTTED HUB<br>END .....         | 1   |
|          |       |                  |       |                | (SEE FIG 2 FOR NEXT HIGHER ASSEMBLY)             |     |
| 25       | PAHZZ | 4730-01-213-8030 | 73342 | 23018209       | . PLUG, PIPE .....                               | 1   |
|          |       |                  |       |                | (PRESSURE PORT, LUBE)                            |     |
| 26       | PAHZZ | 4730-00-808-6814 | 73342 | 23018205       | . PLUG, PIPE .....                               | 1   |
| 27       | PAHZZ | 3110-00-277-0559 | 60380 | 6321-0054-02   | . BEARING, ROLLER, NEEDLE.....                   | 2   |
| 28       | PAHZZ | 4730-00-050-0730 | 81348 | WW-P-471ACABCC | . PLUG, PIPE.....                                | 1   |
|          |       |                  |       |                | (PRESSURE PORT, MAIN)                            |     |
| 29       | PAHZZ | 5365-01-216-5750 | 73342 | 23018028       | . BUSHING BLANK.....                             | 2   |
| 30       | PAHZZ | 5315-01-093-0059 | 72750 | 141217         | . PIN, STRAIGHT, HEADLESS .....                  | 2   |
| 31       | PAHZZ | 5315-01-215-7514 | 73342 | 23018031       | . PIN, STRAIGHT, HEADLESS .....                  | 2   |
| 32       | XAHDD |                  | 73342 | 23018285       | . COVER ASSEMBLY, RIGHT .....                    | 1   |
| 33       | PAHZZ | 5325-01-216-1737 | 73342 | 23049119       | . . INSERT, SCREW THREAD.....                    | 4   |
| 34       | XAHZZ |                  | 73342 | 23018284       | . . COVER, RIGHT.....                            | 1   |
| 35       | PAHZZ | 5365-01-231-9152 | 73342 | 23018036       | . SLEEVE, COVER .....                            | 1   |
|          |       |                  |       |                | END OF FIGURE                                    |     |



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SUSTAINMENT MAINTENANCE

FORWARD CLUTCH

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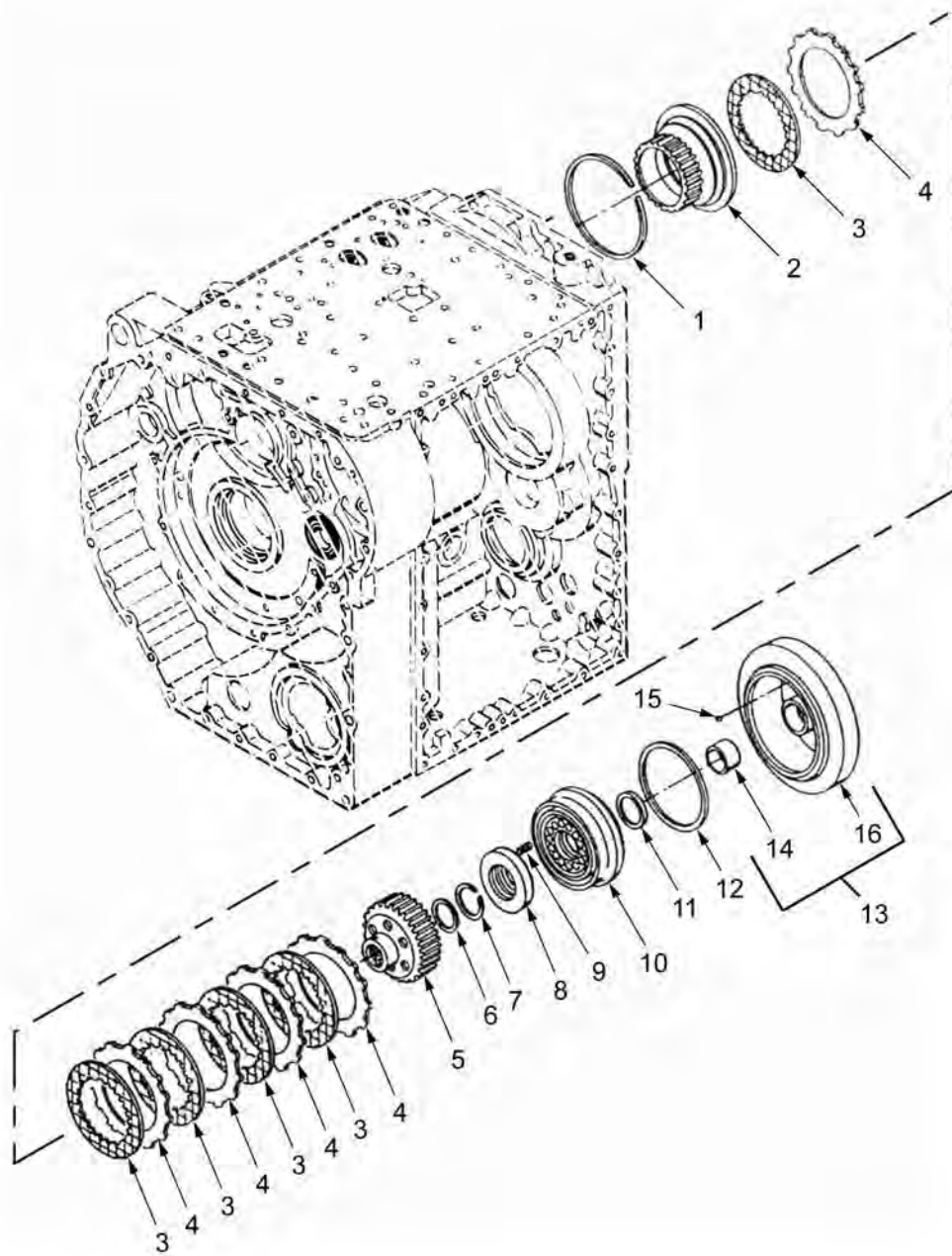


Figure 16. Forward Clutch.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO. | DESCRIPTION AND USABLE ON CODE (UOC) | QTY |
|----------|-------|------------------|-------|----------|--------------------------------------|-----|
|          |       |                  |       |          | GROUP 0713 INTERMEDIATE CLUTCH       |     |
|          |       |                  |       |          | FIGURE 16 Forward Clutch.            |     |
| 1        | PAHZZ | 5325-01-217-1022 | 73342 | 23015985 | RING, RETAINING.....                 | 1   |
| 2        | PAHZZ | 2520-01-216-7648 | 73342 | 23018231 | CLUTCH ASSEMBLY, FRICTION.....       | 1   |
|          |       |                  |       |          | (FORWARD CLUTCH BACKING PLATE)       |     |
| 3        | PAHZZ | 2520-01-237-2872 | 73342 | 23046713 | DISK, CLUTCH.....                    | 5   |
| 4        | PAHZZ | 2520-00-172-1947 | 73342 | 29530330 | DISK, CLUTCH.....                    | 5   |
| 5        | PAHZZ | 2520-01-214-9417 | 73342 | 23018094 | HUB, TRANSMISSION.....               | 1   |
| 6        | PAHZZ | 3120-01-216-8283 | 73342 | 23018282 | BEARING, WASHER, THRUST.....         | 1   |
| 7        | PAHZZ | 5325-01-171-3392 | 73342 | 6884730  | RING, RETAINING.....                 | 1   |
| 8        | PBHZZ | 5340-01-254-6471 | 73342 | 23047191 | HOLDER, SPRING.....                  | 1   |
| 9        | PAHZZ | 5360-01-248-1587 | 73342 | 23045233 | SPRING, HELICAL, COMPRESSION.....    | 16  |
| 10       | PAHZZ | 2520-01-250-1909 | 73342 | 23048456 | CLUTCH, POSITIVE.....                | 1   |
|          |       |                  |       |          | (FORWARD CLUTCH POSITION)            |     |
| 11       | PAHZZ | 5330-01-509-4404 | 73342 | 29520291 | SEAL, PLAIN.....                     | 1   |
| 12       | PAHZZ | 5330-01-509-0298 | 73342 | 29520292 | SEAL, PLAIN.....                     | 1   |
| 13       | PAHDD | 3040-01-198-0506 | 73342 | 23018011 | HOUSING, MECHANICAL.....             | 1   |
| 14       | PADZZ | 3120-01-216-1423 | 73342 | 23018008 | . BEARING, SLEEVE.....               | 1   |
| 15       | XADZZ |                  | 73342 | 8622757  | . BALL.....                          | 2   |
| 16       | XADZZ |                  | 73342 | 23018192 | . HOUSING AND RING ASSEMBLY.....     | 1   |
|          |       |                  |       |          | END OF FIGURE                        |     |





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**SUSTAINMENT MAINTENANCE**  
**FIRST CLUTCH, CENTER CARRIER, AND REAR CARRIER**

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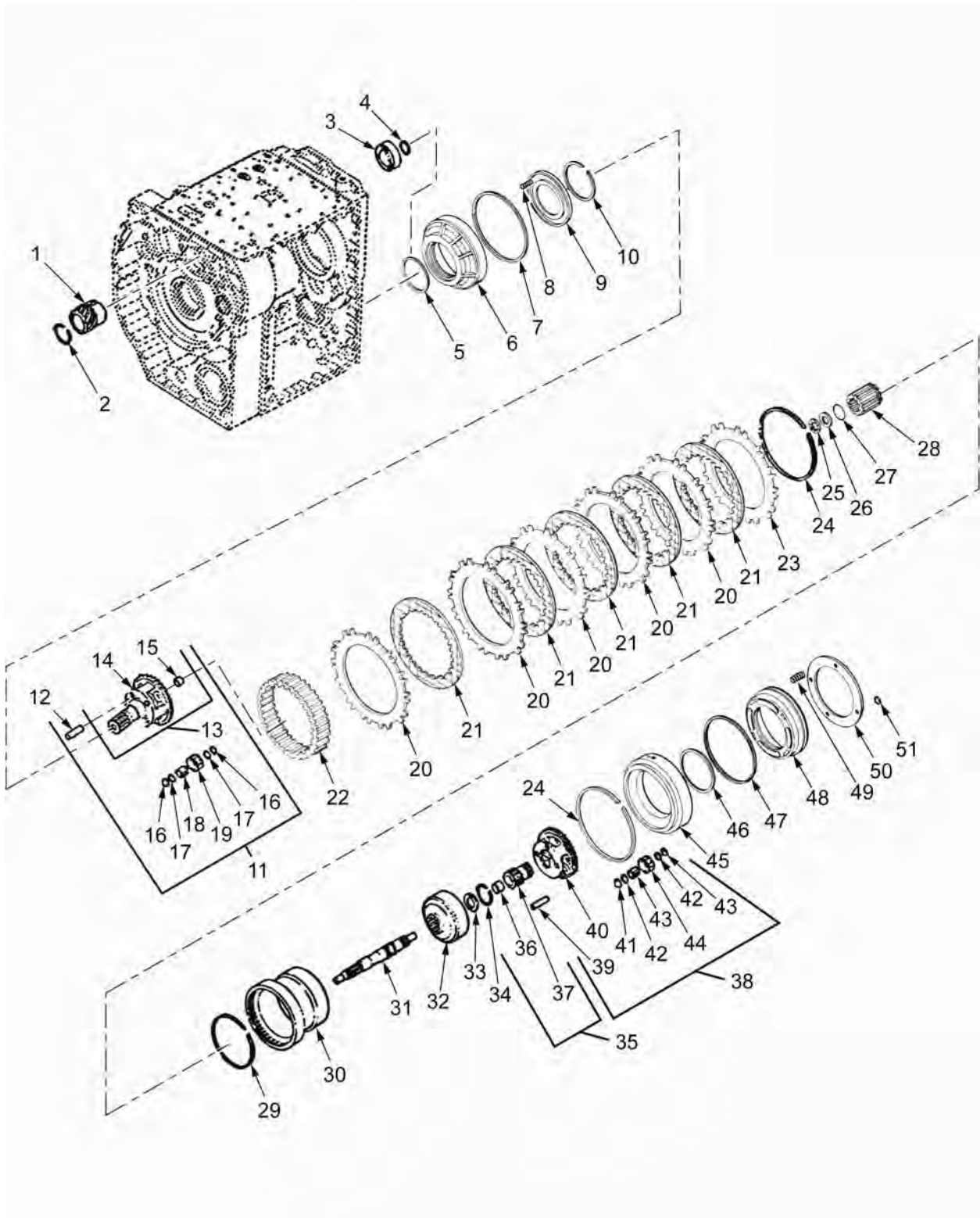


Figure 17. First Clutch, Center Carrier, and Rear Carrier.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO.   | DESCRIPTION AND USABLE ON CODE (UOC)                      | QTY |
|----------|-------|------------------|-------|------------|---|-----|
|          |       |                  |       |            | GROUP 0713 INTERMEDIATE CLUTCH                            |     |
|          |       |                  |       |            | FIGURE 17 First Clutch, Center Carrier, and Rear Carrier. |     |
| 1        | PAHZZ | 3020-01-499-3410 | 73342 | 29533533   | GEAR, HELICAL.....  | 1   |
| 2        | PAHZZ | 5325-01-499-7207 | 73342 | 29533534   | RING, RETAINING.....                                      | 1   |
| 3        | PAHZZ | 3110-01-566-3014 | 3L092 | 110X4      | BEARING, BALL, ANNULAR.....                               | 1   |
| 4        | PAHZZ | 5325-01-217-5032 | 73342 | 23018274   | RING, RETAINING.....                                      | 1   |
| 5        | PAHZZ | 5330-01-083-3065 | 73342 | 6883031    | SEAL, PLAIN .....   | 1   |
| 6        | PAHZZ | 2520-01-146-1034 | 73342 | 23011665   | PISTON, TRANSMISSION CLUTCH.....                          | 1   |
| 7        | PAHZZ | 2520-01-079-6700 | 73342 | 6883033    | SEAL, TRANSMISSION CLUTCH.....                            | 1   |
| 8        | PAHZZ | 5360-01-079-3097 | 73342 | 6880251    | SPRING, PISTON RELEASE .....                              | 26  |
| 9        | PAHZZ | 2520-01-064-8849 | 73342 | 6834339    | RETAINER, PISTON SPRING .....                             | 1   |
| 10       | PAHZZ | 5325-00-557-5794 | 73342 | 6833993    | RING, RETAINING.....                                      | 1   |
| 11       | PAHZZ | 3010-01-499-3418 | 73342 | 29533535   | CARRIER, GEAR ASSEMBLY .....                              | 1   |
|          |       |                  |       |            | (USE WITH GEAR SET, BEVEL, MATCHED, P/N 29533248)         |     |
| 12       | KDDZZ |                  | 73342 | 6835567    | . SHAFT, STRAIGHT .....                                   | 4   |
| 13       | XADDD |                  | 73342 | 29533868   | . CARRIER, REAR.....                                      | 1   |
| 14       | XADZZ |                  | 73342 | 29533536   | . . CARRIER .....   | 1   |
| 15       | KDDZZ |                  | 73342 | 23018168   | . . BUSHING, SLEEVE .....                                 | 1   |
| 16       | KDDZZ |                  | 73342 | 6839375    | . SEAT, BEARING .....                                     | 8   |
| 17       | KDDZZ |                  | 73342 | 23018960   | . BEARING, WASHER, THRUST .....                           | 8   |
| 18       | KDDZZ |                  | 73342 | 6834915    | . BEARING, ROLLER, NEEDLE .....                           | 72  |
| 19       | KDDZZ |                  | 73342 | 23045482   | . PINION ASSEMBLY, MATCHED .....                          | 1   |
| 20       | PAHZZ | 2520-01-214-3238 | 73342 | 23018099   | DISK, CLUTCH .....  | 5   |
| 21       | PAHZZ | 2520-01-214-3239 | 73342 | 23018225   | DISK, CLUTCH .....  | 5   |
| 22       | PAHZZ | 3020-01-422-3966 | 73342 | 29510166   | GEAR, INTERNAL .....                                      | 1   |
| 23       | PAHZZ | 2520-01-509-2403 | 73342 | 29510167   | PLATE, INTERMEDIATE .....                                 | 1   |
| 24       | PAHZZ | 5325-00-007-2969 | 73342 | 6884275    | RING, RETAINING.....                                      | 2   |
| 25       | PAHZZ | 3110-00-788-1406 | 76301 | ST4M151-12 | RETAINER AND ROLLER.....                                  | 1   |
| 26       | PAHZZ | 3110-00-684-5541 | 60380 | 2107185-1  | SEAT, BEARING .....                                       | 2   |
| 27       | PAHZZ | 5325-01-217-4262 | 73342 | 6836117    | RING, RETAINING.....                                      | 1   |
| 28       | PAHZZ | 3020-01-509-4776 | 73342 | 29537280   | GEAR, SPUR.....   | 1   |
| 29       | PAHZZ | 5325-00-557-5835 | 73342 | 6834512    | RING, RETAINING.....                                      | 1   |
| 30       | PAHZZ | 3040-01-214-3860 | 73342 | 23018101   | BRAKE DRUM.....   | 1   |
| 31       | PAHZZ | 3040-01-510-1417 | 73342 | 29536993   | SHAFT, SHOULDERED .....                                   | 1   |
| 32       | PAHZZ | 3020-01-214-9394 | 73342 | 23018139   | GEAR, INTERNAL .....                                      | 1   |
| 33       | PAHZZ | 3120-01-216-8283 | 73342 | 23018282   | BEARING, WASHER, THRUST .....                             | 1   |
| 34       | PAHZZ | 5325-01-217-3076 | 73342 | 23018178   | RING, RETAINING.....                                      | 1   |
| 35       | PAHDD | 3020-01-198-0689 | 73342 | 23018010   | GEAR CLUSTER.....   | 1   |
| 36       | PADZZ | 3120-01-216-1423 | 73342 | 23018008   | . BEARING, SLEEVE.....                                    | 2   |
| 37       | XADZZ |                  | 73342 | 23018009   | . GEAR, CENTER SUN .....                                  | 1   |
| 38       | PAHZZ | 2520-00-172-1951 | 73342 | 6831676    | CARRIER ASSEMBLY.....                                     | 1   |
|          |       |                  |       |            | (CENTER)  |     |
| 39       | XADZZ |                  | 73342 | 6831679    | . PIN.....  | 4   |
| 40       | XAHZZ |                  | 19207 | 6831677    | . CARRIER, CENTER.....                                    | 1   |
| 41       | XADZZ |                  | 73342 | 6839376    | . BEARING, WASHER, THRUST .....                           | 8   |
|          |       |                  |       |            | (BRONZE) (PLACE NEXT TO CARRIER)                          |     |

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO. | DESCRIPTION AND USABLE ON CODE (UOC) | QTY |
|----------|-------|------------------|-------|----------|--------------------------------------|-----|
| 42       | XADZZ |                  | 73342 | 6831680  | . SEAT, BEARING .....                | 8   |
| 43       | XADZZ |                  | 60380 | Q8308    | . ROLLER, BEARING .....              | 76  |
| 44       | XADZZ |                  | 73342 | 23045483 | . PINION ASSEMBLY, MATCHED .....     | 1   |
|          |       |                  |       |          | (4 GEARS, P/N 6831678)               |     |
| 45       | PAHZZ | 3040-01-214-3861 | 73342 | 23018100 | HOUSING, MECHANICAL.....             | 1   |
| 46       | PAHZZ | 5330-01-280-5809 | 73342 | 23011456 | SEAL, PLAIN .....                    | 1   |
| 47       | PAHZZ | 2520-01-185-0146 | 73342 | 23011475 | SEAL, AIR, GAS TURBINE .....         | 1   |
| 48       | PAHZZ | 2520-01-160-5655 | 73342 | 6834817  | PISTON.....                          | 1   |
|          |       |                  |       |          | (2ND CLUTCH PISTON)                  |     |
| 49       | PAHZZ | 5360-01-216-3267 | 73342 | 23018299 | SPRING, HELICAL, COMPRESSION .....   | 12  |
| 50       | PAHZZ | 2520-00-211-9468 | 73342 | 6834129  | RING, SPRING RETAINER .....          | 1   |
| 51       | PAHZZ | 5310-01-143-0542 | 73342 | 3909063  | PUSH-ON NUT .....                    | 4   |
|          |       |                  |       |          | END OF FIGURE                        |     |

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**SUSTAINMENT MAINTENANCE**  
**SECOND AND THIRD CLUTCH, FRONT CARRIER, 4TH AND REVERSE CLUTCH**

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| ITEM NO. | SMR   | NSN              | CAGEC | PART NO. | DESCRIPTION AND USABLE ON CODE (UOC)                                      | QTY |
|----------|-------|------------------|-------|----------|---|-----|
|          |       |                  |       |          | GROUP 0713 INTERMEDIATE CLUTCH  |     |
|          |       |                  |       |          | FIGURE 18 Second and Third Clutch, Front Carrier, 4th and Reverse Clutch. |     |
| 1        | PAHZZ | 5325-01-218-0796 | 73342 | 6884273  | RING, RETAINING.....  | V   |
| 1        | PAHZZ | 5325-01-217-3072 | 73342 | 6884274  | RING, RETAINING.....  | V   |
| 1        | PAHZZ | 5325-01-217-4263 | 73342 | 6884276  | RING, RETAINING.....  | V   |
| 1        | PAHZZ | 5325-00-007-2969 | 73342 | 6884275  | RING, RETAINING.....  | V   |
| 2        | PAHZZ | 2520-01-214-3238 | 73342 | 23018099 | DISK, CLUTCH.....   | 9   |
| 3        | PAHZZ | 2520-01-214-3239 | 73342 | 23018225 | DISK, CLUTCH.....   | 7   |
| 4        | PAHZZ | 3120-00-005-5880 | 73342 | 6831673  | BEARING, WASHER, THRUST .....   | 1   |
| 5        | PAHZZ | 3020-01-389-7784 | 73342 | 29503503 | GEAR, INTERNAL.....   | 1   |
| 6        | PAHZZ | 5325-00-838-8049 | 73342 | 6755007  | RING, RETAINING.....  | 1   |
| 7        | PAHHD | 2520-01-235-9600 | 73342 | 23046074 | CARRIER ASSEMBLY, FRONT.....  | 1   |
| 8        | XADZZ |                  | 73342 | 23046075 | . FLANGE AND CARRIER.....   | 1   |
| 9        | KDDZZ | 3040-01-108-7761 | 73342 | 6834309  | . SHAFT, STRAIGHT .....   | 4   |
| 10       | KDDZZ |                  | 73342 | 6839514  | . BEARING, WASHER, THRUST .....   | 8   |
|          |       |                  |       |          | BRONZE (PLACE NEXT TO CARRIER)  |     |
| 11       | KDDZZ |                  | 73342 | 6833991  | . WASHER, PIN THRUST.....   | 8   |
| 12       | KDDZZ |                  | 60380 | Q8036    | . ROLLER, BEARING .....   | 80  |
| 13       | KDDZZ |                  | 73342 | 23045481 | . PINION ASSEMBLY, MATCHED .....  | 1   |
|          |       |                  |       |          | (4 GEARS, P/N 6834310)  |     |
| 14       | PAHZZ | 5325-00-007-2969 | 73342 | 6884275  | RING, RETAINING.....  | 1   |
| 15       | PAHZZ | 3040-01-214-3861 | 73342 | 23018100 | HOUSING, MECHANICAL.....  | 1   |
|          |       |                  |       |          | (3RD CLUTCH PISTON HOUSING, ALSO SERVES AS 2ND CLUTCH BACKING PLATE)      |     |
| 16       | PAHZZ | 2520-01-185-0146 | 73342 | 23011475 | SEAL, AIR, GAS TURBINE .....  | 1   |
| 17       | PAHZZ | 5330-01-145-0697 | 73342 | 6836799  | SEAL, PLAIN .....   | 1   |
| 18       | PAHZZ | 2520-01-160-5655 | 73342 | 6834817  | PISTON.....   | 1   |
|          |       |                  |       |          | (3RD CLUTCH PISTON)   |     |
| 19       | PAHZZ | 5360-01-216-3267 | 73342 | 23018299 | SPRING, HELICAL, COMPRESSION .....  | 12  |
| 20       | PAHZZ | 2520-00-211-9468 | 73342 | 6834129  | RING, SPRING RETAINER .....   | 1   |
| 21       | PAHZZ | 5310-01-143-0542 | 73342 | 3909063  | PUSH-ON NUT .....   | 4   |
| 22       | PAHZZ | 5310-01-162-7707 | 73342 | 23013453 | WASHER, THRUST.....   | 1   |
| 23       | PAHZZ | 5330-01-214-1479 | 73342 | 6836264  | SEAL RING, METAL.....   | 2   |
| 24       | AHHHH |                  | 73342 | 23045115 | CLUTCH ASSEMBLY, FORWARD AND REVERSE.....                                 | 1   |
| 25       | PAHDD | 2520-01-508-6840 | 73342 | 29537303 | . HOUSING, FRICTION CLUTCH.....   | 1   |
| 26       | XAHZZ |                  | 73342 | 29537283 | . . HOUSING, 4TH CLUTCH .....   | 1   |
| 27       | XADZZ |                  | 73342 | 8622757  | . . BALL.....   | 2   |
| 28       | PADZZ | 3120-01-216-1423 | 73342 | 23018008 | . . BEARING, SLEEVE .....   | 1   |
| 29       | PAHZA | 5330-01-509-4404 | 73342 | 29520291 | . SEAL, PLAIN .....   | 1   |
| 30       | PAHZA | 5330-01-509-0298 | 73342 | 29520292 | . SEAL, PLAIN .....   | 1   |
| 31       | PAHZZ | 2520-01-250-1909 | 73342 | 23048456 | . CLUTCH, POSITIVE.....   | 1   |
|          |       |                  |       |          | (4TH AND REVERSE CLUTCH PISTON)   |     |
| 32       | PAHZZ | 5360-01-248-1587 | 73342 | 23045233 | . SPRING, HELICAL, COMPRESSION .....                                      | 16  |
| 33       | PBHZZ | 5340-01-254-6471 | 73342 | 23047191 | . HOLDER, SPRING .....  | 1   |

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO.    | DESCRIPTION AND USABLE ON CODE (UOC) | QTY |
|----------|-------|------------------|-------|-------------|--------------------------------------|-----|
| 34       | PAHZZ | 5325-01-171-3392 | 73342 | 6884730     | . RING, RETAINING.....               | 1   |
| 35       | PAHZZ | 2520-00-172-1947 | 73342 | 29530330    | . DISK, CLUTCH.....                  | 5   |
| 36       | PAHZZ | 2520-01-237-2872 | 73342 | 23046713    | . DISK, CLUTCH.....                  | 5   |
| 37       | PAHZZ | 2520-00-008-9987 | 73342 | 23017763    | . PRESSURE PLATE ASSEMBLY.....       | 1   |
| 38       | PAHZZ | 5325-01-217-1022 | 73342 | 23015985    | . RING, RETAINING.....               | 1   |
| 39       | PAHZZ | 5315-01-211-6485 | 19207 | BFBX1141190 | PIN, STRAIGHT, HEADLESS.....         | 1   |
| 40       | PAHZZ | 2520-01-214-3944 | 73342 | 23018098    | DISK, CLUTCH.....                    | 1   |
|          |       |                  |       |             | (3RD CLUTCH BACKING PLATE)           |     |
| 41       | PAHZZ | 5325-01-217-4264 | 73342 | 6836108     | RING, RETAINING.....                 | 1   |
|          |       |                  |       |             | END OF FIGURE                        |     |



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**SUSTAINMENT MAINTENANCE**  
**GOVERNOR AND GOVERNOR BODY**

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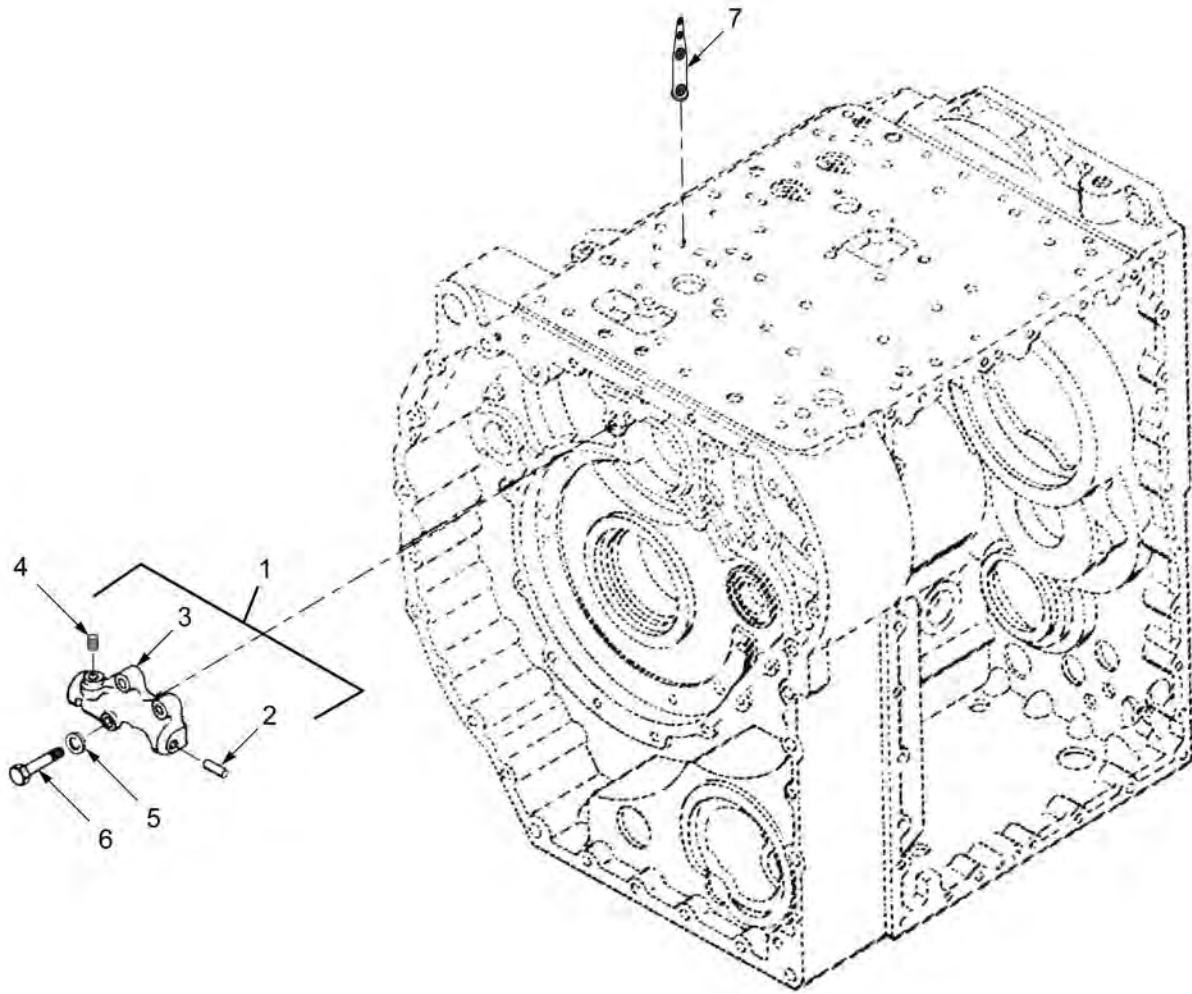


Figure 19. Governor and Governor Body.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO. | DESCRIPTION AND USABLE ON CODE (UOC)  | QTY |
|----------|-------|------------------|-------|----------|---------------------------------------|-----|
|          |       |                  |       |          | GROUP 0714 SERVO UNIT                 |     |
|          |       |                  |       |          | FIGURE 19 Governor and Governor Body. |     |
| 1        | PAHZZ | 2520-01-214-4317 | 73342 | 23017859 | BODY ASSEMBLY, GOVERNOR.....          | 1   |
| 2        | PADZZ | 5315-01-215-7515 | 24617 | 141223   | . PIN, STRAIGHT, HEADLESS .....       | 1   |
| 3        | XAHZZ |                  | 73342 | 23018222 | . BODY, GOVERNOR .....                | 1   |
| 4        | XBDZZ |                  | 73342 | 23018252 | . PLUG, EXPANSION .....               | 1   |
| 5        | PAHZZ | 5310-00-274-8041 | 06853 | 204235   | WASHER, FLAT .....                    | 3   |
| 6        | PAHZZ | 5306-01-085-3876 | 73342 | 9409239  | BOLT, MACHINE.....                    | 3   |
| 7        | PAHZZ | 4730-01-213-7794 | 73342 | 23045247 | STRAINER ELEMENT, SEDIMENT.....       | 1   |
|          |       |                  |       |          | END OF FIGURE                         |     |



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SUSTAINMENT MAINTENANCE

G2 BACKUP PRIORITY VALVE

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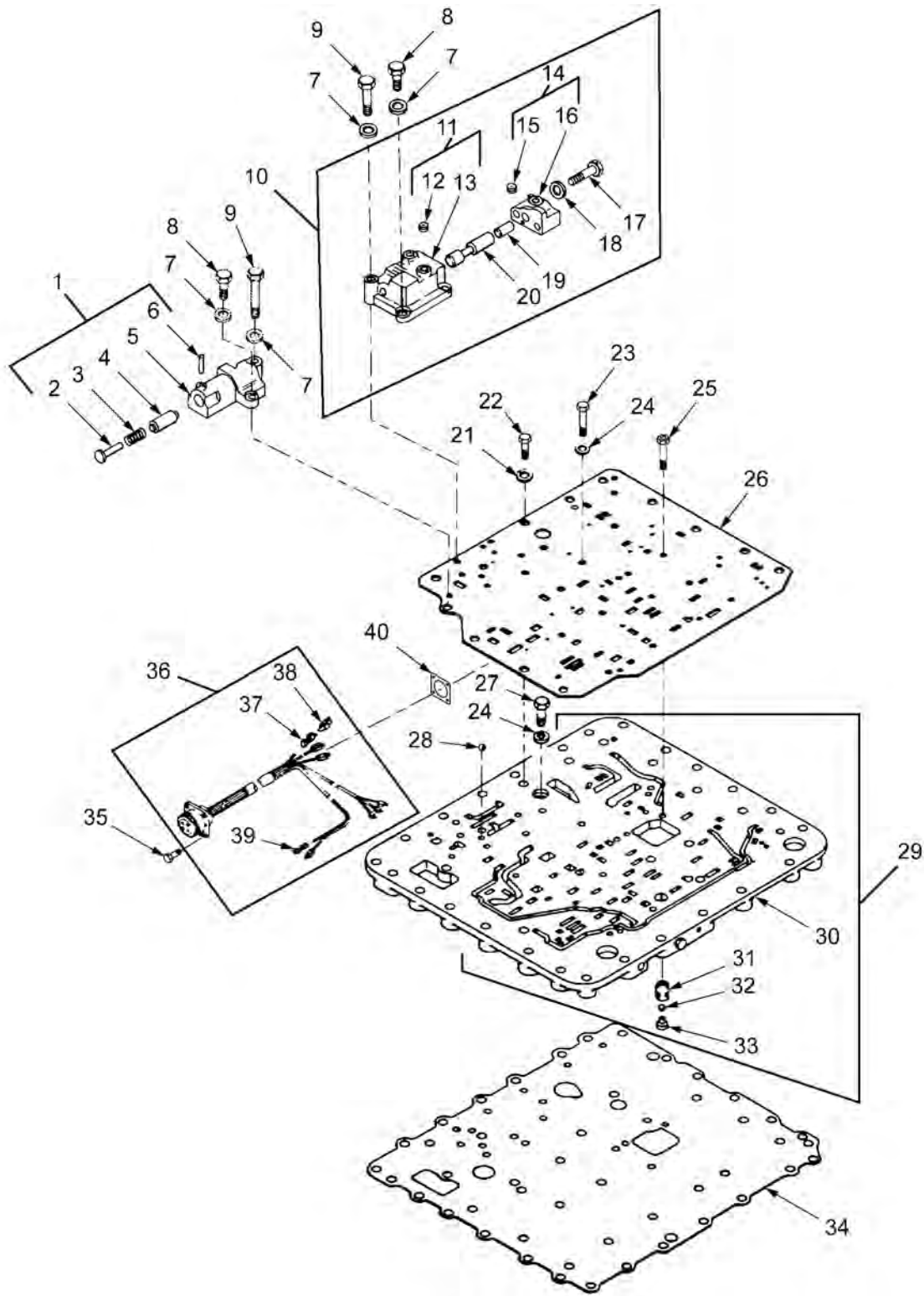


Figure 20. G2 Backup Priority Valve.

| ITEM NO.                            | SMR    | NSN              | CAGEC | PART NO.    | DESCRIPTION AND USABLE ON CODE (UOC)              | QTY |
|-------------------------------------|--------|------------------|-------|-------------|---|-----|
| GROUP 0714 SERVO UNIT               |        |                  |       |             |   |     |
| FIGURE 20 G2 Backup Priority Valve. |        |                  |       |             |   |     |
| 1                                   | PAHDD  | 4810-01-214-4015 | 73342 | 23018623    | VALVE, LINEAR, DIRECT .....                       | 1   |
| 2                                   | PADZZ  | 5340-01-216-3810 | 73342 | 23017894    | . SEAT, HELICAL COMPRESSION<br>SPRING .....       | 1   |
| 3                                   | PADZZ  | 5360-01-216-0829 | 73342 | 23045269    | . SPRING, HELICAL, COMPRESSION ...                | 1   |
| 4                                   | PADZZ  | 2520-01-214-3154 | 73342 | 6837389     | . VALVE, PRIORITY.....                            | 1   |
| 5                                   | XADZZ  |                  | 73342 | 23018622    | . BODY, PRIORITY VALVE.....                       | 1   |
| 6                                   | PADZZ  | 5315-01-095-3110 | 72582 | 455862      | . PIN, SPRING.....                                | 1   |
| 7                                   | PAHZZ  | 5310-01-102-3270 | 24617 | 2436161     | WASHER, FLAT.....                                 | 7   |
| 8                                   | PAHZZ  | 5306-01-216-0230 | 24617 | 9432105     | BOLT, MACHINE.....                                | 3   |
| 9                                   | PAHZZ  | 5306-00-589-8167 | 24617 | 445568      | BOLT, MACHINE.....                                | 4   |
| 10                                  | PAHZZ  | 4820-01-214-3869 | 73342 | 23018615    | VALVE BODY ASSEMBLY .....                         | 1   |
| 11                                  | XADDD  |                  | 73342 | 23018618    | . BODY ASSEMBLY, BACKUP .....                     | 1   |
| 12                                  | PADZZ  | 5342-01-220-9246 | 92555 | PLEA2501220 | . . PLUG.....                                     | 2   |
| 13                                  | XADZZ  |                  | 73342 | 23018611    | . . BODY .....                                    | 1   |
| 14                                  | PBDZZ  | 5340-01-217-2162 | 73342 | 23018613    | . COVER, ACCESS.....                              | 1   |
| 15                                  | PADZZ  | 5342-01-220-9246 | 92555 | PLEA2501220 | . . PLUG.....                                     | 1   |
| 16                                  | XADZZ  | 5340-01-217-2162 | 73342 | 23018612    | . . COVER, ACCESS.....                            | 1   |
| 17                                  | PADZZ  | 5305-00-400-5542 | 24617 | 445567      | . SCREW, CAP, HEXAGON HEAD.....                   | 2   |
| 18                                  | PADZZ  | 5310-01-102-3270 | 24617 | 2436161     | . WASHER, FLAT.....                               | 2   |
| 19                                  | PADZZ  | 3040-01-214-3155 | 73342 | 23018624    | . SHAFT, STRAIGHT .....                           | 1   |
| (VALVE, OVERRIDE)                   |        |                  |       |             |   |     |
| 20                                  | PADZZ  | 4820-01-214-3193 | 73342 | 23018614    | . SLIDE, DIRECTIONAL CONTROL<br>LINEAR VALVE..... | 1   |
| 21                                  | PAHZZ  | 5310-01-092-5496 | 24617 | 9422845     | WASHER, FLAT.....                                 | 1   |
| 22                                  | PAHZZ  | 5306-01-215-9129 | 24617 | 9415972     | BOLT, MACHINE.....                                | 1   |
| 23                                  | PAH ZZ | 5306-00-944-6812 | 24617 | 9409014     | BOLT, MACHINE.....                                | 5   |
| 24                                  | PAHZZ  | 5310-01-084-1197 | 24617 | 9422846     | WASHER, FLAT.....                                 | 6   |
| 25                                  | PAHZZ  | 5306-01-216-7364 | 73342 | 9440986     | BOLT, MACHINE.....                                | 2   |
| 26                                  | PAH ZZ | 2520-01-214-9334 | 73342 | 23018619    | PLATE, SEPARATOR.....                             | 1   |
| 27                                  | PAHZZ  | 5306-00-822-2118 | 24617 | 9409076     | BOLT, MACHINE.....                                | 1   |
| 28                                  | PAHZZ  | 3110-01-216-3718 | 73342 | 23045386    | BA LL, BEARING.....                               | 1   |
| 29                                  | PAHHH  | 2520-01-216-8564 | 73342 | 23018617    | PLATE ASSEMBLY, OIL .....                         | 1   |
| 30                                  | XAHZZ  |                  | 73342 | 23018616    | . PLATE, OIL.....                                 | 1   |
| 31                                  | PAHZZ  | 5340-01-213-8017 | 73342 | 23017901    | . COVER, ACCESS.....                              | 1   |
| (HOUSING)                           |        |                  |       |             |   |     |
| 32                                  | PAHZZ  | 3110-01-237-2758 | 73342 | 23045388    | . BALL, BEARING.....                              | 1   |
| 33                                  | PAHZZ  | 4820-01-213-7959 | 73342 | 23017902    | . VALVE, STOP-CHECK .....                         | 1   |
| 34                                  | PAHZZ  | 5330-01-251-1931 | 73342 | 23047805    | GASKET .....                                      | 1   |
| 35                                  | PAHZZ  | 5305-00-889-2998 | 80205 | MS35206-216 | SCREW, MACHINE.....                               | 4   |
| 36                                  | PAHHH  | 5995-01-214-5783 | 73342 | 23017899    | WIRING HARNESS, BRANCHED .....                    | 1   |
| 37                                  | PAHZZ  | 5940-01-082-6615 | 77060 | 2973915     | . TERMINAL, QUICK DISCONNECT.....                 | 7   |
| 38                                  | PAHZZ  | 5970-01-080-3153 | 77060 | 12020381    | . NYLON INSULATOR.....                            | 7   |
| 39                                  | PAHZZ  | 5940-01-246-2086 | 77060 | 2989521-L   | . TERMINAL, LUG .....                             | 1   |
| 40                                  | PAHZZ  | 5330-01-218-7143 | 73342 | 6832550     | GASKET .....                                      | 1   |
| END OF FIGURE                       |        |                  |       |             |   |     |





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SUSTAINMENT MAINTENANCE  
LOCKUP VALVE (VALVE SOLENOID)

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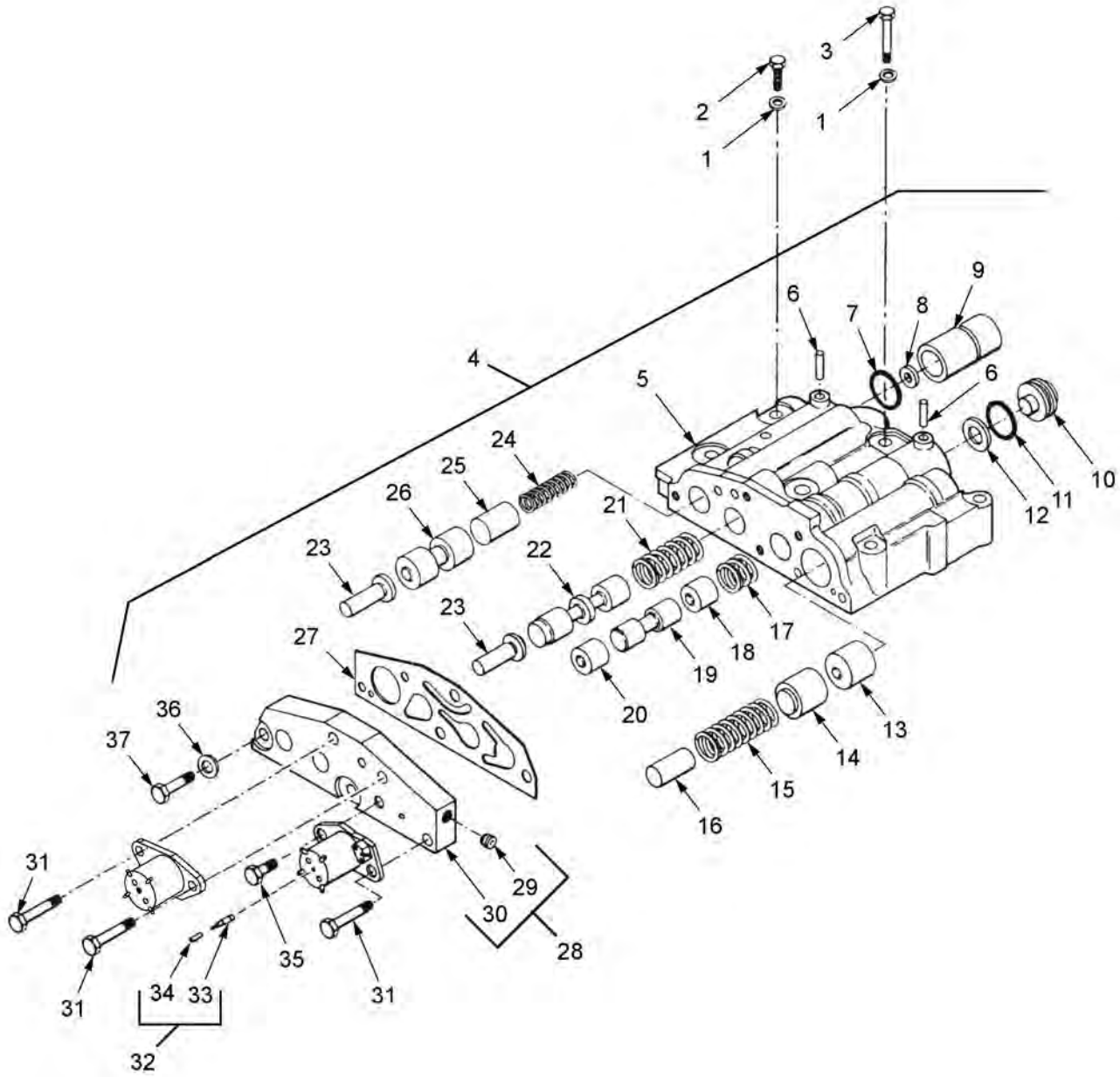


Figure 21. Lockup Valve (Valve Solenoid).

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO.    | DESCRIPTION AND USABLE ON CODE (UOC)     | QTY |
|----------|-------|------------------|-------|-------------|--|-----|
|          |       |                  |       |             | GROUP 0714 SERVO UNIT                    |     |
|          |       |                  |       |             | FIGURE 21 Lockup Valve (Valve Solenoid). |     |
| 1        | PAHZZ | 5310-01-084-1197 | 19207 | 8356625-2   | WASHER, FLAT .....                       | 6   |
| 2        | PAHZZ | 5306-01-164-7448 | 73342 | 9409621     | BOLT, MACHINE.....                       | 2   |
| 3        | PAHZZ | 5306-01-147-1202 | 73342 | 9431456     | BOLT, MACHINE.....                       | 4   |
| 4        | PAHDD | 4810-01-198-0504 | 73342 | 23017931    | VALVE, SOLENOID .....                    | 1   |
| 5        | XADZZ |                  | 73342 | 23017932    | . BODY, LOCKUP CONTROL VALVE.....        | 1   |
| 6        | PADZZ | 5315-01-216-1504 | 24617 | 456826      | . PIN, SPRING .....                      | 2   |
| 7        | PADZZ | 5330-01-080-3253 | 73342 | 6771005     | . SEAL, NONMETALLIC ROUND SECTION.....   | 1   |
| 8        | PADZZ | 5310-00-168-6412 | 81487 | 23601-00160 | . WASHER, FLAT.....                      | V   |
| 9        | XDDZZ |                  | 73342 | 23017943    | . SLEEVE, DIRECTIONAL CONTROL ....       | 1   |
| 10       | XDDZZ |                  | 73342 | 23017938    | . SLIDE, DIRECTIONAL CONTROL.....        | 1   |
| 11       | PADZZ | 5331-01-258-9151 | 73342 | 6835307     | . O-RING.....                            | 1   |
| 12       | XDDZZ |                  | 73342 | 23017937    | . WASHER, FLAT.....                      | V   |
| 13       | XDDZZ |                  | 73342 | 23017911    | . PISTON, VALVE .....                    | 1   |
| 14       | XDDZZ |                  | 73342 | 23017912    | . TRIMMER PLUG, TRANSMISSION.....        | 1   |
| 15       | PADZA | 5360-01-083-0004 | 73342 | 6833945     | . SPRING .....                           | 1   |
| 16       | PADZZ | 4820-01-006-9636 | 45152 | 2AX375      | STOP, VALVE.....                         | 1   |
| 17       | PADZZ | 5360-01-216-4462 | 73342 | 23017936    | . SPRING, HELICAL, COMPRESSION ....      | V   |
| 17       | PADZZ | 5360-01-371-9313 | 73342 | 29503594    | . SPRING, HELICAL, COMPRESSION ....      | V   |
|          |       |                  |       |             | (OPTIONAL FOR P/N 23017936)              |     |
| 18       | XDDZZ |                  | 73342 | 23017935    | . PLUG, VALVE .....                      | 1   |
| 19       | PADZZ | 2520-01-213-8599 | 73342 | 23017934    | . VALVE, SIGNAL CONTROL .....            | 1   |
| 20       | XDDZZ |                  | 73342 | 23017933    | . VALVE, SIGNAL PLUG.....                | 1   |
| 21       | PADZZ | 5360-01-218-0793 | 73342 | 6778016     | . SPRING, HELICAL, COMPRESSION ....      | 1   |
| 22       | XDDZZ |                  | 73342 | 23017944    | . SLIDE, DIRECTIONAL CONTROL.....        | 1   |
| 23       | PADZZ | 5340-01-217-4179 | 73342 | 23017939    | . PLUNGER, DETENT .....                  | 2   |
| 24       | PADZZ | 5360-01-216-4463 | 73342 | 23017942    | . SPRING, HELICAL, COMPRESSION ....      | V   |
| 24       | PADZZ | 5360-01-371-9314 | 73342 | 29505538    | . SPRING, HELICAL, COMPRESSION ...       | V   |
|          |       |                  |       |             | (OPTIONAL FOR P/N 23017942)              |     |
| 25       | XDDZZ |                  | 73342 | 23017941    | . PLUG, VALVE, TRANSMISSION.....         | 1   |
| 26       | XDDZZ |                  | 73342 | 23017940    | . SLIDE, DIRECTIONAL CONTROL.....        | 1   |
| 27       | PADZZ | 5330-01-217-7014 | 73342 | 23017945    | . GASKET .....                           | 1   |
| 28       | PADDD | 5340-01-207-3481 | 73342 | 23017946    | . COVER ASSEMBLY, PUSH .....             | 1   |
| 29       | PADZZ | 5342-01-220-9246 | 92555 | PLEA2501220 | . . PLUG.....                            | 1   |
| 30       | XADZZ |                  | 73342 | 23017947    | . . COVER, LOCKUP VALVE.....             | 1   |
| 31       | PAHZZ | 5306-01-216-9849 | 24617 | 9440987     | . BOLT, MACHINE.....                     | 3   |
| 32       | PAHZZ | 5945-01-132-4189 | 54906 | 40900       | . SOLENOID, ELECTRICAL .....             | 2   |
| 33       | PAHZZ | 5940-01-082-6615 | 77060 | 2973915     | . . TERMINAL, QUICK DISCONNECT ....      | 1   |
| 34       | PAHZZ | 5970-01-080-3153 | 77060 | 12020381    | . . NYLON INSULATOR.....                 | 1   |
| 35       | PAHZZ | 5306-01-216-1322 | 24617 | 9440984     | . BOLT, MACHINE.....                     | 1   |
| 36       | PADZZ | 5310-01-092-5496 | 24617 | 9422845     | . WASHER, FLAT .....                     | 2   |
| 37       | PADZZ | 5306-00-940-9062 | 24617 | 9409062     | . BOLT, MACHINE.....                     | 2   |
|          |       |                  |       |             | END OF FIGURE                            |     |



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SUSTAINMENT MAINTENANCE  
CONTROL VALVE

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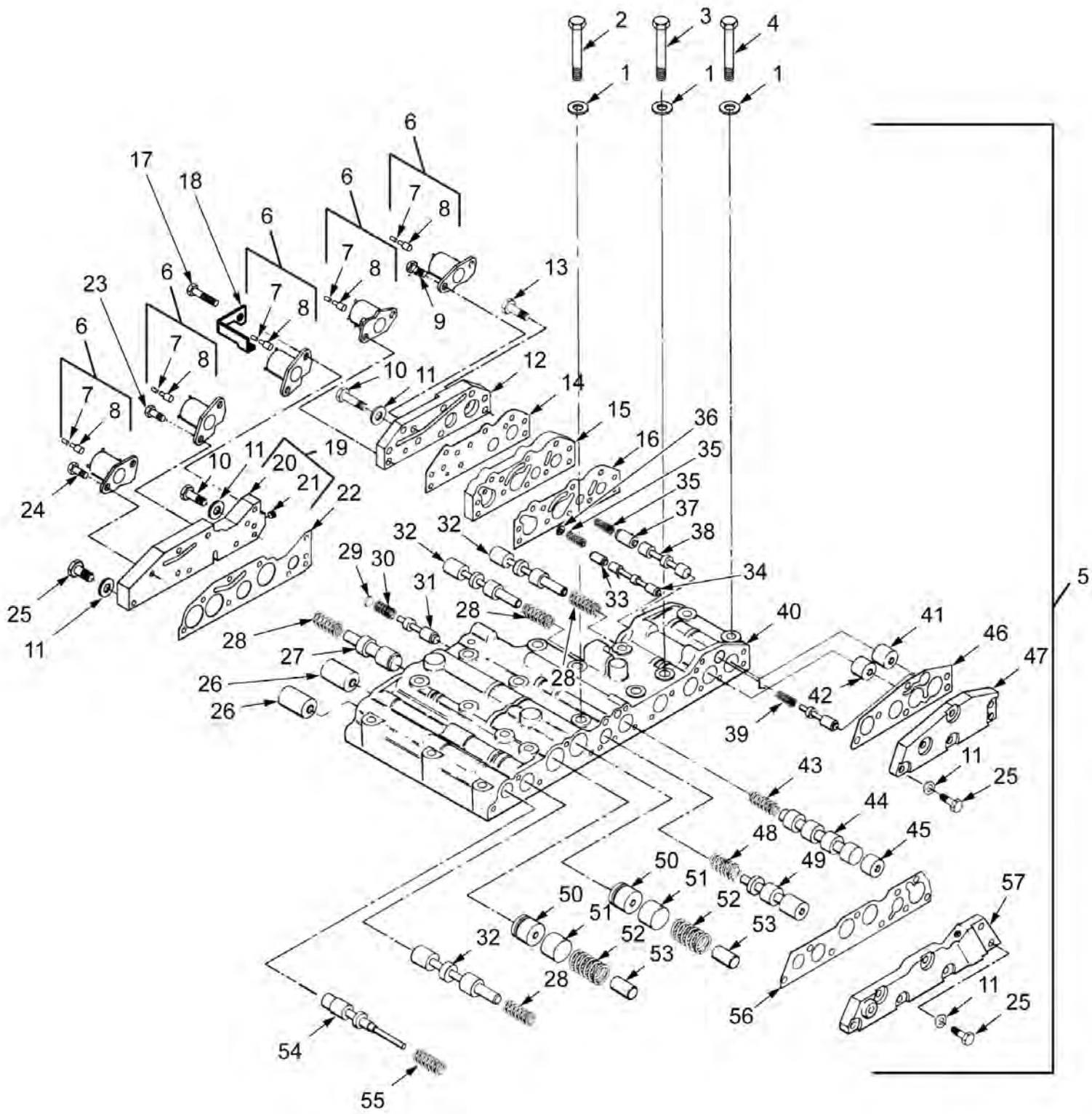


Figure 22. Control Valve.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO.    | DESCRIPTION AND USABLE ON CODE (UOC)              | QTY |
|----------|-------|------------------|-------|-------------|---|-----|
|          |       |                  |       |             | GROUP 0714 SERVO UNIT<br>FIGURE 22 Control Valve. |     |
| 1        | PAHZZ | 5310-01-084-1197 | 24617 | 9422846     | WASHER, FLAT.....                                 | 17  |
| 2        | PAHZZ | 5306-01-263-2018 | 24617 | 9419287     | BOLT, MACHINE.....                                | 5   |
| 3        | PAHZZ | 5306-01-045-6594 | 24617 | 9409015     | BOLT, MACHINE.....                                | 4   |
| 4        | PAHZZ | 5306-01-147-1202 | 73342 | 9431456     | BOLT, MACHINE.....                                | 8   |
| 5        | PAHDD | 2520-01-257-3881 | 73342 | 23048196    | VALVE ASSEMBLY, CONTROL.....                      | 1   |
| 6        | PAHZZ | 5945-01-132-4189 | 54906 | 40900       | . SOLENOID, ELECTRICAL .....                      | 5   |
| 7        | PAHZZ | 5970-01-080-3153 | 77060 | 12020381    | . . NYLON INSULATOR.....                          | 1   |
| 8        | PAHZZ | 5940-01-082-6615 | 77060 | 2973915     | . . TERMINAL, QUICK DISCONNECT .....              | 1   |
| 9        | PAHZZ | 5306-01-216-7364 | 73342 | 9440986     | . BOLT, MACHINE.....                              | 2   |
| 10       | PADZZ | 5306-01-216-1334 | 24617 | 9409253     | . BOLT, MACHINE.....                              | 4   |
| 11       | PADZZ | 5310-01-092-5496 | 24617 | 9422845     | . WASHER, FLAT.....                               | 18  |
| 12       | PADZZ | 2520-01-214-9336 | 73342 | 23017886    | . COVER, REAR-SHIFT VALVE .....                   | 1   |
| 13       | PADZZ | 5306-01-216-0230 | 24617 | 9432105     | . BOLT, MACHINE.....                              | 2   |
| 14       | PADZZ | 2520-01-214-3150 | 73342 | 23017884    | . PLATE, INTERMEDIATE, FRICTION<br>CLUTCH .....   | 1   |
| 15       | PADZZ | 2520-01-261-4017 | 73342 | 23048193    | . PLATE, OIL TRANSFER.....                        | 1   |
| 16       | PADZZ | 5330-01-217-2202 | 73342 | 23017888    | . GASKET .....                                    | 1   |
| 17       | PAHZZ | 5306-01-216-7365 | 87880 | 9440988     | . BOLT, MACHINE.....                              | 3   |
| 18       | PAHZZ | 2590-01-214-1563 | 73342 | 23047359    | . RETAINER, SPRING SPACER.....                    | 1   |
| 19       | PADZZ | 4820-01-204-9942 | 73342 | 23017929    | . CAP, VALVE.....                                 | 1   |
|          |       |                  |       |             | (COVER)   |     |
| 20       | XADZZ |                  | 73342 | 23017930    | . . COVER, CONTROL VALVE .....                    | 1   |
| 21       | PADZZ | 5342-01-220-9246 | 92555 | PLEA2501220 | . . PLUG.....                                     | 1   |
| 22       | PADZZ | 5330-01-216-4014 | 73342 | 23017928    | . GASKET .....                                    | 1   |
| 23       | PAHZZ | 5306-01-216-1322 | 24617 | 9440984     | . BOLT, MACHINE.....                              | 1   |
| 24       | PAHZZ | 5306-01-216-9849 | 24617 | 9440987     | . BOLT, MACHINE.....                              | 4   |
| 25       | PADZZ | 5306-00-940-9062 | 24617 | 9409062     | . BOLT, MACHINE.....                              | 15  |
| 26       | PADZZ | 4730-01-213-8051 | 73342 | 23017927    | . PLUG, VALVE, LOCKUP TIMER.....                  | 2   |
| 27       | PADZZ | 4820-01-213-8098 | 73342 | 23017926    | . SLIDE, DIRECTIONAL CONTROL.....                 | 1   |
| 28       | PADZZ | 5360-01-218-0793 | 73342 | 6778016     | . SPRING, HELICAL, COMPRESSION .....              | 4   |
| 29       | PADZZ | 5365-01-217-4661 | 73342 | 23045303    | . SPACER, PLATE .....                             | V   |
| 29       | PADZZ | 5365-01-272-3346 | 73342 | 23048642    | . SPACER, PLATE .....                             | V   |
| 29       | PADZZ | 5365-01-273-2320 | 73342 | 23048641    | . SPACER, PLATE .....                             | V   |
| 30       | PADZZ | 5360-01-216-0828 | 73342 | 6836140     | . SPRING, HELICAL, COMPRESSION .....              | 1   |
| 31       | PADZZ | 4820-01-214-9389 | 73342 | 23017924    | . SLIDE, DIRECTIONAL CONTROL.....                 | 2   |
| 32       | PADZZ | 4820-01-214-1615 | 73342 | 23017910    | . SLIDE, DIRECTIONAL CONTROL.....                 | 3   |
| 33       | PADZZ | 4820-01-261-1692 | 73342 | 23048194    | . VALVE, SIGNAL PLUG.....                         | 1   |
| 34       | PADZZ | 4820-01-214-4410 | 73342 | 23017920    | . SLIDE, DIRECTIONAL CONTROL.....                 | 1   |
| 35       | PADZZ | 5360-01-265-6742 | 73342 | 23048260    | . SPRING, HELICAL, COMPRESSION ...                | V   |
|          |       |                  |       |             | (OPTIONAL)  |     |
| 35       | PADZZ | 5360-01-215-7688 | 73342 | 23017919    | . SPRING, HELICAL, COMPRESSION ...                | V   |
|          |       |                  |       |             | (OPTIONAL)  |     |
| 36       | XDDZZ |                  | 24617 | 221431      | . WASHER, FLAT.....                               | V   |
|          |       |                  |       |             | (OPTIONAL QTY 0 TO 5 WITH SPRING<br>P/N 23048260) |     |
| 37       | PADZZ | 4820-01-276-3528 | 73342 | 23048645    | . PISTON, VALVE .....                             | 1   |

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO. | DESCRIPTION AND USABLE ON CODE (UOC)          | QTY |
|----------|-------|------------------|-------|----------|---|-----|
| 38       | PADZZ | 4820-01-214-9388 | 73342 | 23017922 | . SLIDE, DIRECTIONAL CONTROL.....             | 1   |
| 39       | PADZZ | 5360-01-509-6038 | 73342 | 6774817  | . SPRING, HELICAL, COMPRESSION ....           | 1   |
| 40       | PADZZ | 4810-01-214-4014 | 73342 | 23017905 | . BODY, VALVE .....                           | 1   |
| 41       | PADZZ | 4730-01-213-8049 | 73342 | 23017921 | . PLUG, SIGNAL, VALVE .....                   | 1   |
| 42       | PADZZ | 4730-01-214-3868 | 73342 | 23017890 | . PLUG, SIGNAL, VALVE .....                   | 1   |
| 43       | PADZZ | 5360-01-083-5500 | 73342 | 6836144  | . SPRING, HELICAL, COMPRESSION ....           | 1   |
| 44       | PADZZ | 4820-01-214-4409 | 73342 | 23017914 | . SLIDE, DIRECTIONAL CONTROL.....             | 1   |
| 45       | PADZZ | 4730-01-215-4323 | 73342 | 23017915 | . PLUG, FORWARD REVERSE<br>TRANSMISSION ..... | 1   |
| 46       | PADZZ | 5330-01-216-4013 | 73342 | 23017889 | . GASKET .....                                | 1   |
| 47       | PBDZZ | 5340-01-238-8759 | 73342 | 23017887 | . COVER, ACCESS .....                         | 1   |
| 48       | PADZZ | 5360-01-216-5972 | 73342 | 6833944  | . SPRING, HELICAL, COMPRESSION ....           | 1   |
| 49       | PADZZ | 4820-01-214-4408 | 73342 | 23017913 | . SLIDE, DIRECTIONAL CONTROL.....             | 1   |
| 50       | XDDZZ |                  | 73342 | 23017911 | . PISTON, VALVE .....                         | 2   |
| 51       | XDDZZ |                  | 73342 | 23017912 | . TRIMMER PLUG, TRANSMISSION .....            | 2   |
| 52       | PADZZ | 5360-01-216-7059 | 73342 | 6833940  | . SPRING, HELICAL, COMPRESSION ....           | 2   |
| 53       | PADZZ | 4820-01-006-9636 | 45152 | 2AX375   | PIN, STRAIGHT HEADLESS .....                  | 2   |
| 54       | PADZZ | 4820-01-205-0034 | 73342 | 23017906 | . VALVE, STOP-CHECK .....                     | 1   |
| 55       | PADZZ | 5360-01-216-8210 | 73342 | 23017909 | . SPRING, HELICAL, COMPRESSION ....           | 1   |
| 56       | PADZZ | 4820-01-204-9941 | 73342 | 23017917 | . CAP, VALVE .....                            | 1   |
| 57       | PADZZ | 5330-01-217-4043 | 73342 | 23017916 | . GASKET .....                                | 1   |

END OF FIGURE



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SUSTAINMENT MAINTENANCE

PUSH-START VALVE

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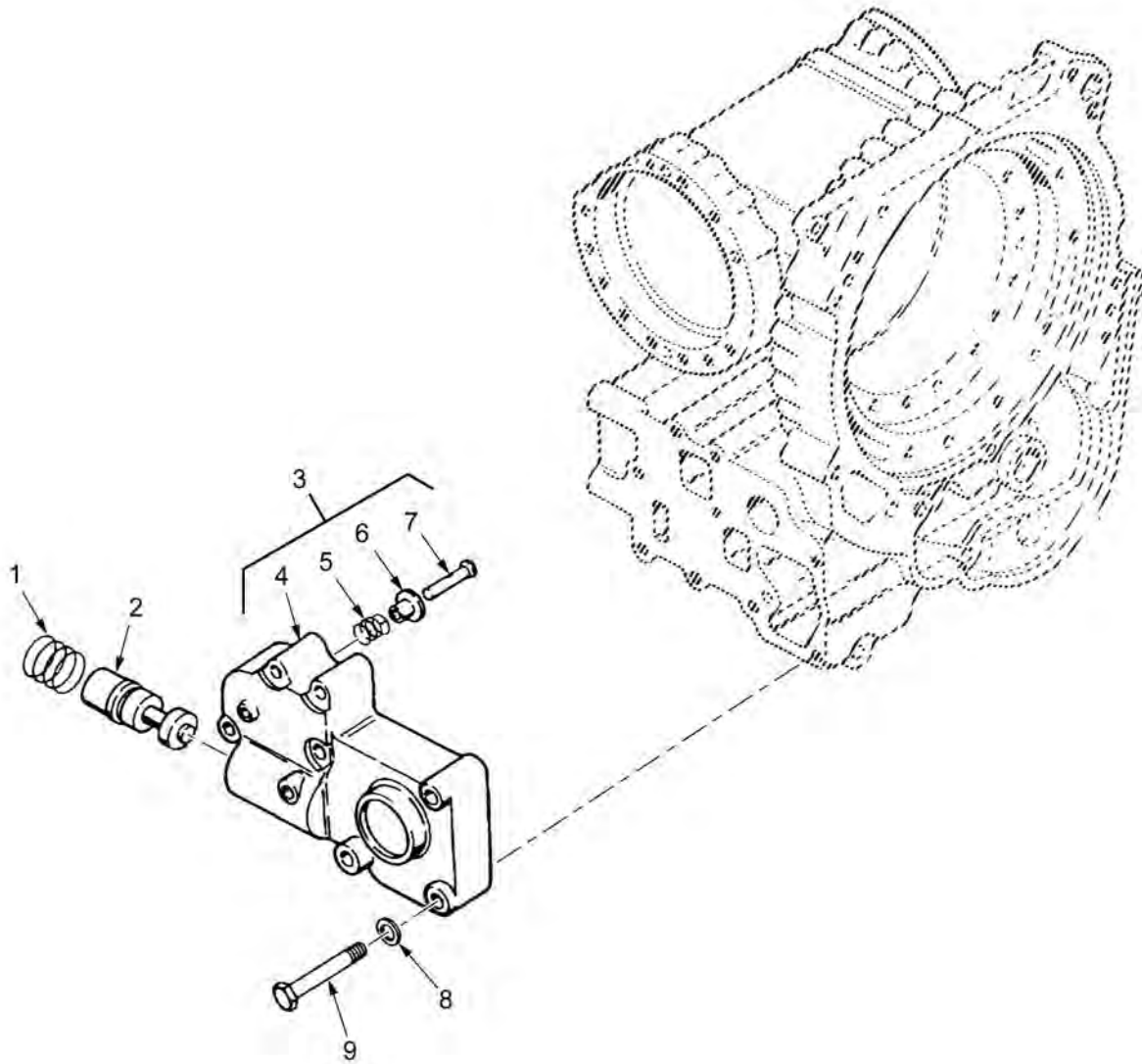


Figure 23. Push-Start Valve.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO.  | DESCRIPTION AND USABLE ON CODE (UOC) | QTY |
|----------|-------|------------------|-------|-----------|--------------------------------------|-----|
|          |       |                  |       |           | GROUP 0714 SERVO UNIT                |     |
|          |       |                  |       |           | FIGURE 23 Push-Start Valve.          |     |
| 1        | PAHZZ | 5360-01-215-7690 | 73342 | 23018059  | SPRING, HELICAL, COMPRESSION .....   | 1   |
| 2        | PAHZZ | 4820-01-214-3190 | 73342 | 23018058  | SLIDE, DIRECTIONAL CONTROL.....      | 1   |
| 3        | PAHDD | 4820-01-205-0035 | 73342 | 23018055  | VALVE, CHECK .....                   | 1   |
| 4        | XADZZ |                  | 73342 | 23018056  | . BODY, PUSH-START .....             | 1   |
| 5        | PADZZ | 5360-01-215-7689 | 73342 | 23018057  | . SPRING, HELICAL, COMPRESSION ....  | 1   |
| 6        | PADZZ | 5365-01-217-4079 | 73342 | 23018047  | . SPACER, SLEEVE .....               | 1   |
| 7        | XDDZZ | 5315-01-564-2315 | 73342 | 23018048  | . PIN, STRAIGHT, HEADED .....        | 1   |
| 8        | PAHZZ | 5310-01-084-1197 | 19207 | 8356625-2 | WASHER, FLAT.....                    | 9   |
| 9        | PAHZZ | 5306-01-164-7448 | 73342 | 9409621   | BOLT, MACHINE.....                   | 9   |
|          |       |                  |       |           | END OF FIGURE                        |     |



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SUSTAINMENT MAINTENANCE

OUTPUT OIL PUMP

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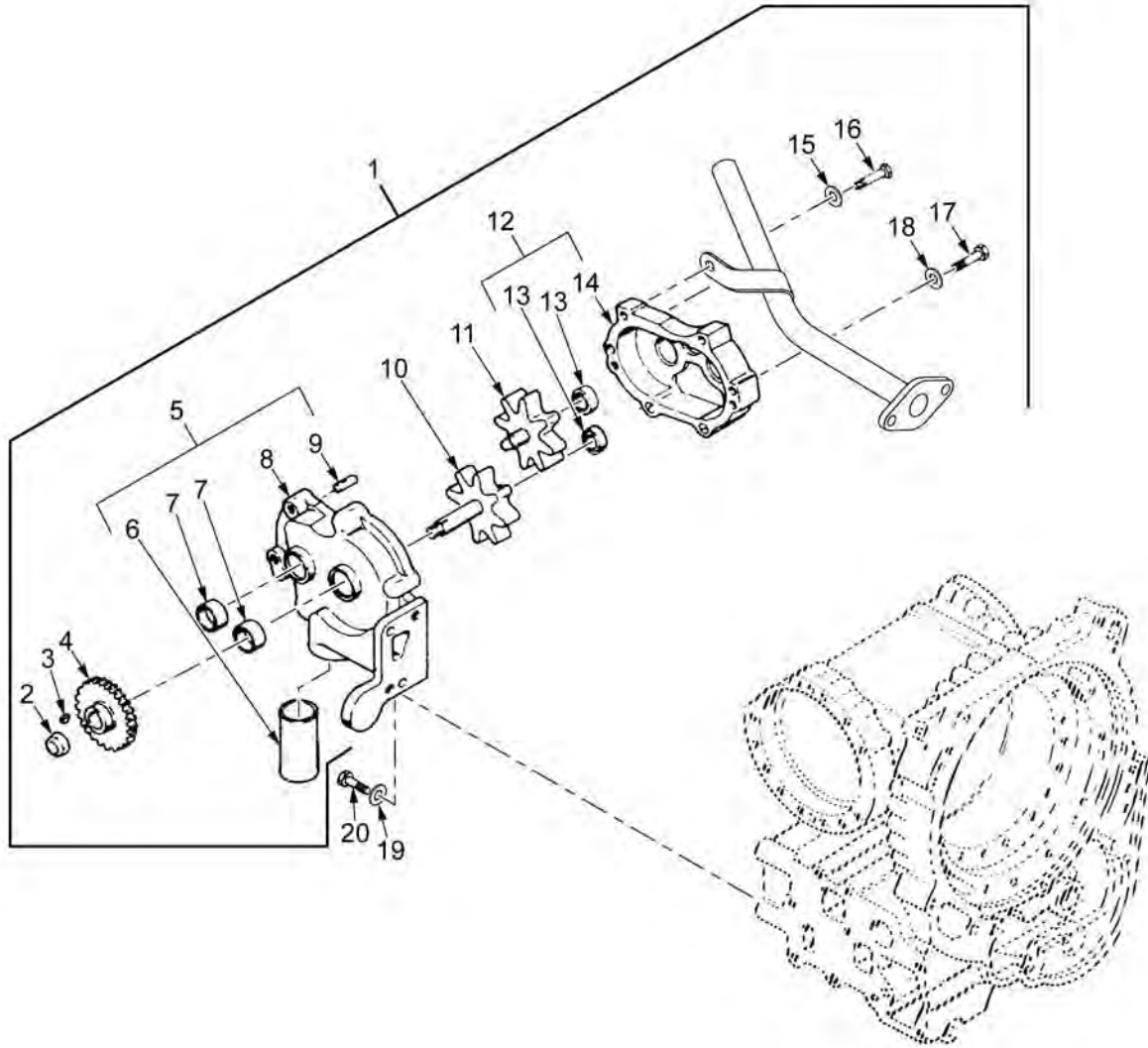


Figure 24. Output Oil Pump.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO.  | DESCRIPTION AND USABLE ON CODE (UOC) | QTY |
|----------|-------|------------------|-------|-----------|--------------------------------------|-----|
|          |       |                  |       |           | GROUP 0721 COOLERS, PUMPS, MOTORS    |     |
|          |       |                  |       |           | FIGURE 24 Output Oil Pump.           |     |
| 1        | PAHDD | 2520-01-198-0495 | 73342 | 23018062  | PUMP, OUTPUT OIL .....               | 1   |
| 2        | PADZZ | 5310-00-402-5220 | 19207 | 11649930  | . NUT, SELF-LOCKING, HEXAGON.....    | 1   |
| 3        | PADZZ | 5315-00-687-5218 | 80205 | MS35756-3 | . KEY, WOODRUFF .....                | 1   |
| 4        | PADZZ | 3020-01-214-7352 | 73342 | 23018070  | . GEAR, SPUR.....                    | 1   |
| 5        | PADDD | 4320-01-198-0497 | 73342 | 23018067  | . COVER, HYDRAULIC, PUMP-MOTOR .     | 1   |
| 6        | PADZZ | 4730-01-566-1810 | 73342 | 23018068  | . . STRAINER ELEMENT, SEDIMENT ..... | 1   |
| 7        | PADZZ | 3110-00-770-6097 | 72582 | 457249    | . . BEARING, ROLLER, NEEDLE.....     | 2   |
| 8        | XADZZ |                  | 73342 | 23018069  | . . COVER, OUT PUMP.....             | 1   |
| 9        | PADZZ | 5315-00-014-1195 | 24617 | 141195    | . . PIN, STRAIGHT, HEADLESS.....     | 2   |
| 10       | PADZZ | 3040-01-214-3176 | 73342 | 23018065  | . GEARSHAFT, SPUR .....              | 1   |
| 11       | PADZZ | 3020-01-214-9396 | 73342 | 23018066  | . GEAR, SPUR.....                    | 1   |
| 12       | PADZZ | 4320-01-198-0496 | 73342 | 23018063  | . COVER, HYDRAULIC, PUMP-MOTOR .     | 1   |
| 13       | PADZZ | 3110-00-770-6097 | 72582 | 457249    | . . BEARING, ROLLER, NEEDLE.....     | 2   |
| 14       | XADZZ |                  | 73342 | 23018064  | . . BODY, OUTPUT OIL .....           | 1   |
| 15       | PAHZZ | 5310-01-084-1197 | 24617 | 9422846   | . WASHER, FLAT.....                  | 1   |
| 16       | PAHZZ | 5305-01-126-4076 | 83386 | 9409224   | . SCREW, CAP, HEXAGON HEAD.....      | 1   |
| 17       | PADZZ | 5305-00-638-2362 | 24617 | 9409225   | . SCREW, CAP, HEXAGON HEAD.....      | 5   |
| 18       | PADZZ | 5310-01-084-1197 | 24617 | 9422846   | . WASHER, FLAT.....                  | 5   |
| 19       | PAHZZ | 5310-00-274-8041 | 06853 | 204235    | . WASHER, FLAT.....                  | 2   |
| 20       | PAHZZ | 5305-01-057-4264 | 73342 | 9409030   | . SCREW, CAP, HEXAGON HEAD.....      | 2   |
|          |       |                  |       |           | END OF FIGURE                        |     |





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SUSTAINMENT MAINTENANCE

SCAVENGE AND INPUT PUMPS

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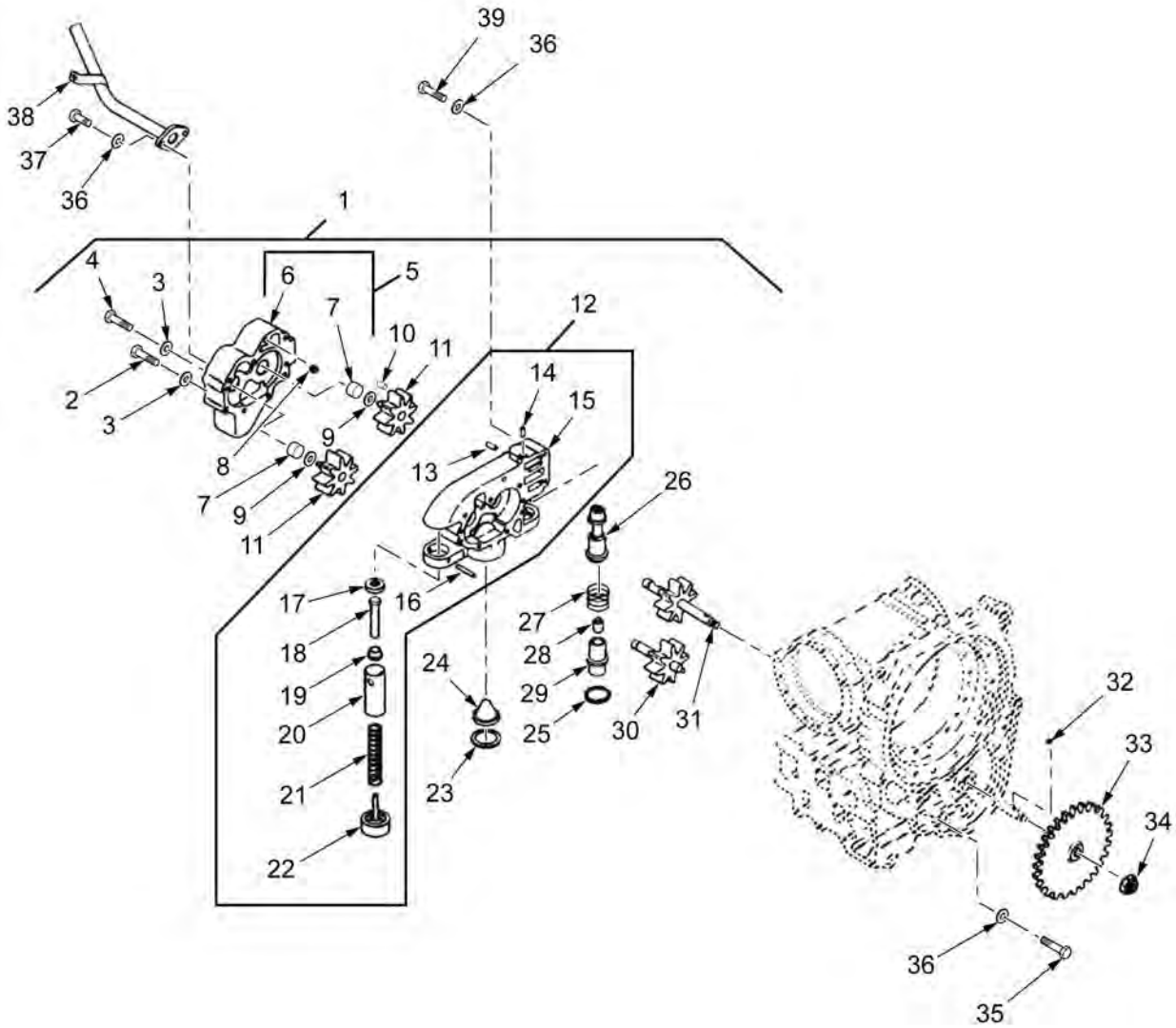


Figure 25. Scavenge and Input Pumps.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO.  | DESCRIPTION AND USABLE ON CODE (UOC)             | QTY |
|----------|-------|------------------|-------|-----------|--|-----|
|          |       |                  |       |           | GROUP 0721 COOLERS, PUMPS, MOTORS                |     |
|          |       |                  |       |           | FIGURE 25 Scavenge and Input Pumps.              |     |
| 1        | PAHDD | 2520-01-251-5490 | 73342 | 23047907  | PUMP ASSEMBLY, SCAVENGE AND INPUT OIL .....      | 1   |
| 2        | PADZZ | 5305-01-126-4076 | 83386 | 9409224   | . SCREW, CAP, HEXAGON HEAD .....                 | 2   |
| 3        | PADZZ | 5310-01-084-1197 | 24617 | 9422846   | . WASHER, FLAT .....                             | 5   |
| 4        | PADZZ | 5306-01-263-2018 | 24617 | 9419287   | . BOLT, MACHINE .....                            | 3   |
| 5        | PFHDD | 2520-01-251-5491 | 73342 | 23047906  | . COVER ASSEMBLY, PUMP, SCAVENGE AND INPUT ..... | 1   |
| 6        | XADZZ |                  | 73342 | 23047905  | . . COVER, SCAVENGE .....                        | 1   |
| 7        | PADZZ | 3110-00-902-1657 | 60380 | B-1210-OH | . . BEARING, ROLLER, NEEDLE .....                | 2   |
| 8        | PADZZ | 5365-01-259-9642 | 73342 | 23047877  | . . RING, TOLERANCE .....                        | 1   |
| 9        | PADZZ | 5325-01-241-3265 | 73342 | 23046127  | . RING, RETAINING .....                          | 2   |
| 10       | PADZZ | 3110-01-277-2400 | 73342 | 23048680  | . ROLLER, BEARING .....                          | 1   |
| 11       | PADZZ | 3020-01-214-3935 | 73342 | 23046119  | . GEAR, SPUR .....                               | 2   |
| 12       | XADDD |                  | 73342 | 23046125  | . HOUSING ASSEMBLY, SCAVENGE .....               | 1   |
| 13       | PADZZ | 5315-00-014-1195 | 24617 | 141195    | . . PIN, STRAIGHT, HEADLESS .....                | 2   |
| 14       | PADZZ | 5315-00-014-1105 | 24617 | 141105    | . . PIN, STRAIGHT, HEADLESS .....                | 1   |
| 15       | XADZZ |                  | 73342 | 23046124  | . . HOUSING, SCAVENGE AND INPUT OIL PUMP .....   | 1   |
| 16       | PADZZ | 5315-01-205-5572 | 24617 | 273541    | . . PIN, SPRING .....                            | 1   |
| 17       | PADZZ | 4820-01-213-8023 | 73342 | 23045679  | . . SEAT, VALVE .....                            | 1   |
| 18       | PADZZ | 4820-01-214-9429 | 73342 | 23045681  | . . DISK, VALVE .....                            | 1   |
| 19       | PADZZ | 5365-01-215-7400 | 73342 | 23045680  | . . SPACER, SLEEVE .....                         | 1   |
| 20       | PADZZ | 3120-01-216-3726 | 73342 | 23045682  | . . BUSHING, SLEEVE .....                        | 1   |
| 21       | PADZZ | 5360-01-216-0831 | 73342 | 23045684  | . . SPRING, HELICAL, COMPRESSION .....           | 1   |
| 22       | XDDZZ |                  | 73342 | 23045683  | . . COVER, HIGH-PRESSURE .....                   | 1   |
| 23       | PAHZZ | 5325-01-566-3006 | 73342 | 23047292  | . RING, RETAINING .....                          | 1   |
| 24       | PAHZZ | 4730-01-214-7329 | 73342 | 23017974  | . STRAINER ELEMENT, SEDIMENT .....               | 1   |
| 25       | PADZZ | 5325-01-566-3006 | 73342 | 23047292  | RING, RETAINING .....                            | 1   |
| 26       | PADZZ | 2520-01-214-7166 | 73342 | 23017975  | . CARTRIDGE, CHECK-VALVE .....                   | 1   |
| 27       | PADZZ | 5360-01-231-0481 | 73342 | 6836136   | . SPRING, HELICAL, COMPRESSION ....              | V   |
| 27       | PADZZ | 5360-01-291-5626 | 73342 | 23049120  | . SPRING, HELICAL, COMPRESSION ....              | V   |
| 28       | PADZZ | 4820-01-214-1614 | 73342 | 23017978  | . SLIDE, DIRECTIONAL CONTROL .....               | 1   |
| 29       | PADZZ | 2520-01-214-4318 | 73342 | 23017977  | . HOUSING, REVERSE BOOST .....                   | 1   |
| 30       | PADZZ | 3040-01-214-3916 | 73342 | 23046121  | . GEARSHAFT, SPUR .....                          | 1   |
| 31       | PADZZ | 3040-01-214-3915 | 73342 | 23046120  | . GEARSHAFT, SPUR .....                          | 1   |
| 32       | PAHZZ | 5315-00-687-5218 | 80205 | MS35756-3 | KEY, WOODRUFF .....                              | 1   |
| 33       | PAHZZ | 3020-01-215-8825 | 73342 | 23017877  | GEAR, SPUR .....                                 | 1   |
| 34       | PAHZZ | 5310-00-402-5220 | 19207 | 11649930  | NUT, SELF-LOCKING, HEXAGON .....                 | 1   |
| 35       | PAHZZ | 5306-01-147-1202 | 73342 | 9431456   | BOLT, MACHINE .....                              | 7   |
| 36       | PAHZZ | 5310-01-084-1197 | 24617 | 9422846   | WASHER, FLAT .....                               | 11  |
| 37       | PAHZZ | 5306-01-566-1018 | 24617 | 9430182   | SCREW, CAP, HEXAGON HEAD .....                   | 2   |
| 38       | PAHZZ | 4710-01-239-2199 | 73342 | 23046133  | TUBE AND FITTINGS, METALLIC .....                | 1   |
| 39       | PAHZZ | 5306-00-543-5696 | 72582 | 9409126   | BOLT, MACHINE .....                              | 2   |
|          |       |                  |       |           | END OF FIGURE                                    |     |



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**SUSTAINMENT MAINTENANCE**  
**STEER CONTROL ASSEMBLY (S&T DYNAMICS PUMP)**

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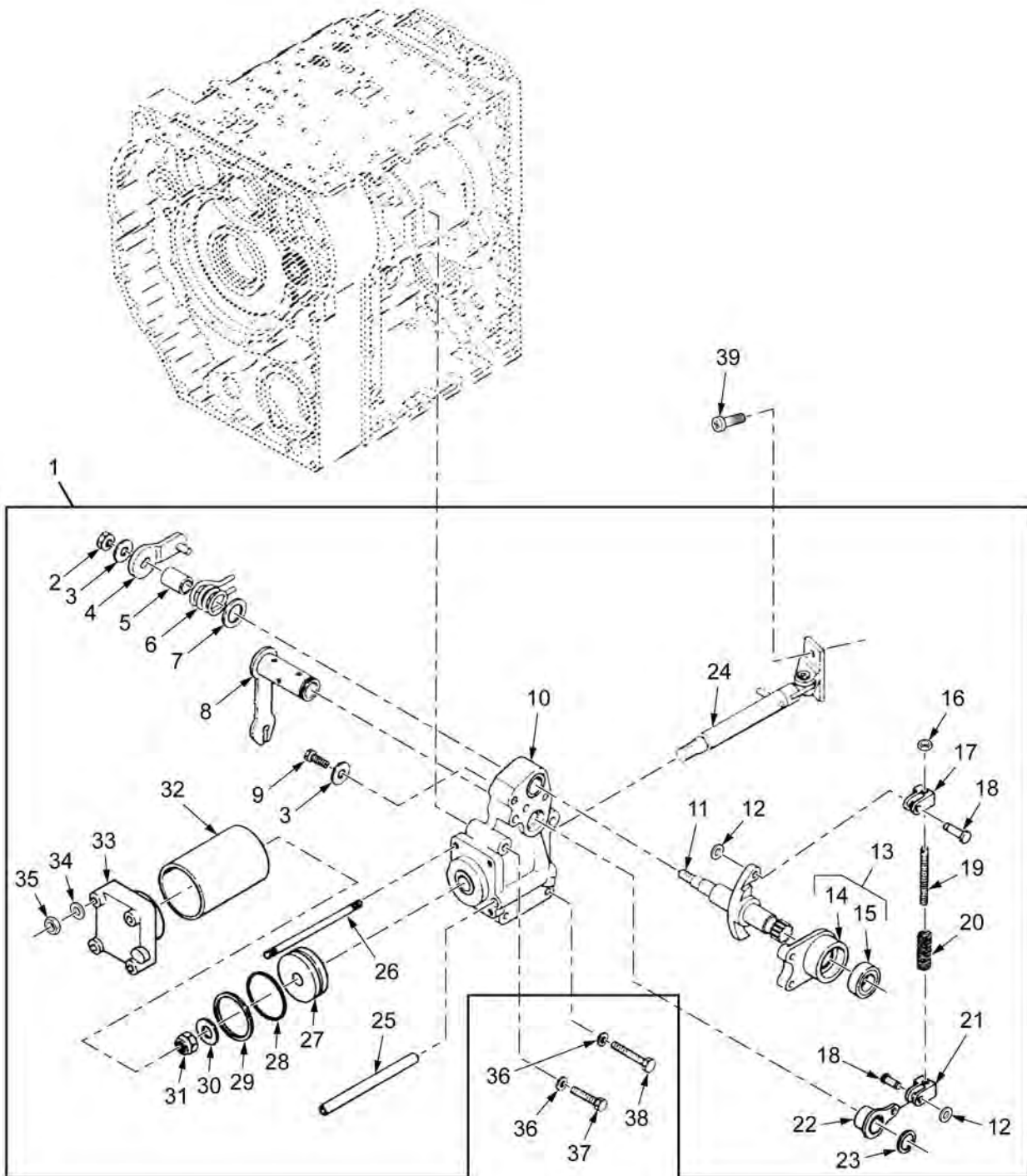


Figure 26. Steer Control Assembly (S&T Dynamics Pump).

| ITEM NO. | SMR   | NSN | CAGEC | PART NO. | DESCRIPTION AND USABLE ON CODE (UOC)                  | QTY |
|----------|-------|-----|-------|----------|---|-----|
|          |       |     |       |          | GROUP 0721 COOLERS, PUMPS, MOTORS                     |     |
|          |       |     |       |          | FIGURE 26 Steer Control Assembly (S&T Dynamics Pump). |     |
| 1        | XADZZ |     | 1YYX2 | 60618399 | CONTROL ASSEMBLY, STEER.....                          | 1   |
| 2        | KDDZZ |     | 1YYX2 | 60618400 | . NUT, SELF-LOCKING, HEXAGON.....                     | 1   |
| 3        | KDDZZ |     | 1YYX2 | 60618401 | . WASHER, FLAT.....                                   | 3   |
| 4        | XADZZ |     | 1YYX2 | 60618402 | . LEVER, REMOTE CONTROL.....                          | 1   |
| 5        | XADZZ |     | 1YYX2 | 60618403 | . BUSHING, SLEEVE.....                                | 1   |
| 6        | XADZZ |     | 1YYX2 | 60618404 | . SPRING, HELICAL, TORSION.....                       | 1   |
| 7        | KDDZZ |     | 1YYX2 | 60618405 | . WASHER, FLAT.....                                   | 1   |
| 8        | XADZZ |     | 1YYX2 | 60618406 | . VALVE ASSEMBLY, SERVO.....                          | 1   |
| 9        | KDDZZ |     | 1YYX2 | 60618412 | . SCREW, CAP, HEXAGON HEAD.....                       | 2   |
| 10       | XADZZ |     | 1YYX2 | 60618413 | . HOUSING, CONTROL.....                               | 1   |
| 11       | XADZZ |     | 1YYX2 | 60618423 | . SHAFT, SHOULDERED.....                              | 1   |
| 12       | KDDZZ |     | 1YYX2 | 60618424 | . RING, RETAINING.....                                | 2   |
| 13       | XADZZ |     | 1YYX2 | 60618425 | . RETAINER ASSEMBLY, SEAL.....                        | 1   |
| 14       | XADZZ |     | 1YYX2 | 60618495 | . . RETAINER, SEAL (MACH).....                        | 1   |
| 15       | KDDZZ |     | 1YYX2 | 60618428 | . . SEAL, LIP, PLATE ASSEMBLY.....                    | 1   |
| 16       | KDDZZ |     | 1YYX2 | 60618429 | . NUT, PLAIN, HEXAGON.....                            | 1   |
| 17       | XADZZ |     | 1YYX2 | 60618430 | . CLEVIS, ROD END.....                                | 1   |
| 18       | XADZZ |     | 1YYX2 | 60618431 | . PIN, GROOVED, HEADED.....                           | 2   |
| 19       | KDDZZ |     | 1YYX2 | 60618432 | . STUD, STEPPED.....                                  | 1   |
| 20       | XADZZ |     | 1YYX2 | 60618433 | . SPRING, HELICAL, COMPRESSION....                    | 1   |
| 21       | XADZZ |     | 1YYX2 | 60618434 | . CLEVIS, ROD END.....                                | 1   |
| 22       | XADZZ |     | 1YYX2 | 60618435 | . SLEEVE ASSEMBLY, VALVE.....                         | 1   |
| 23       | KDDZZ |     | 1YYX2 | 60618438 | . RING, RETAINING.....                                | 1   |
| 24       | XADZZ |     | 1YYX2 | 60618439 | . CONNECTOR, ROD END.....                             | 1   |
| 25       | XADZZ |     | 1YYX2 | 60618446 | . TUBE, TRANSFER.....                                 | 1   |
| 26       | XADZZ |     | 1YYX2 | 60618447 | . STUD, PLAIN.....                                    | 4   |
| 27       | XADZZ |     | 1YYX2 | 60618448 | PISTON ASSEMBLY, PUMP.....                            | 1   |
| 28       | KDDZZ |     | 1YYX2 | 60618450 | . O-RING.....   | 1   |
| 29       | KDDZZ |     | 1YYX2 | 60618449 | . RING, PISTON.....                                   | 1   |
| 30       | KDDZZ |     | 1YYX2 | 60618451 | . WASHER, FLAT.....                                   | 1   |
| 31       | XADZZ |     | 1YYX2 | 60618452 | . NUT, SELF-LOCKING, HEXAGON.....                     | 1   |
| 32       | XADZZ |     | 1YYX2 | 60618453 | . CYLINDER, SLEEVE.....                               | 1   |
| 33       | XADZZ |     | 1YYX2 | 60618454 | . COVER, ACCESS.....                                  | 1   |
| 34       | KDDZZ |     | 1YYX2 | 60618455 | . WASHER, FLAT.....                                   | 4   |
| 35       | KDDZZ |     | 1YYX2 | 60618456 | . NUT, SELF-LOCKING, HEXAGON.....                     | 4   |
| 36       | KDDZZ |     | 1YYX2 | 60618401 | WASHER, FLAT.....                                     | 4   |
| 37       | KDDZZ |     | 1YYX2 | 60618458 | BOLT, SELF-LOCKING.....                               | 2   |
| 38       | KDDZZ |     | 1YYX2 | 60618457 | BOLT, SELF-LOCKING.....                               | 2   |
| 39       | XADZZ |     | 1YYX2 | 60618459 | SCREW, CAP, SOCKET HEAD.....                          | 2   |
|          |       |     |       |          | END OF FIGURE   |     |





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**SUSTAINMENT MAINTENANCE**  
**MOTOR COMPONENT PARTS (S&T DYNAMICS PUMP)**

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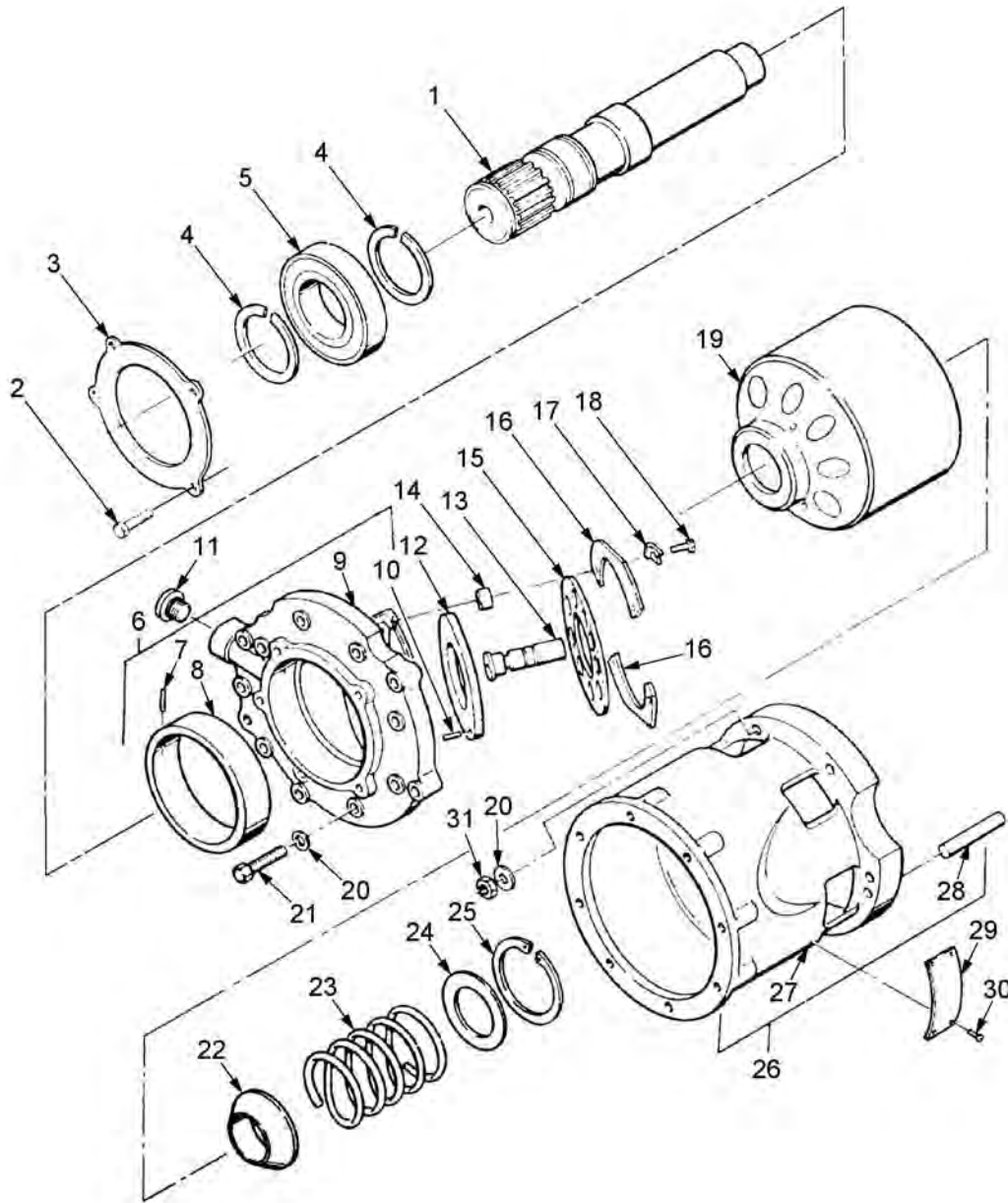


Figure 27. Motor Component Parts (S&T Dynamics Pump).

| ITEM NO. | SMR   | NSN | CAGEC | PART NO. | DESCRIPTION AND USABLE ON CODE (UOC)                 | QTY |
|----------|-------|-----|-------|----------|--|-----|
|          |       |     |       |          | GROUP 0721 COOLERS, PUMPS, MOTORS                    |     |
|          |       |     |       |          | FIGURE 27 Motor Component Parts (S&T Dynamics Pump). |     |
| 1        | XADZZ |     | 1YYX2 | 60618383 | SHAFT, SHOULDERED .....                              | 1   |
| 2        | KDDZZ |     | 1YYX2 | 60618357 | BOLT, MACHINE.....                                   | 4   |
| 3        | XADZZ |     | 1YYX2 | 60618384 | PLATE, RETAINING, BEARING .....                      | 1   |
| 4        | XADZZ |     | 1YYX2 | 60618377 | RING, RETAINING.....                                 | 2   |
| 5        | KDDZZ |     | 1YYX2 | 60618379 | BEARING, BALL, ANNULAR.....                          | 1   |
| 6        | XADZZ |     | 1YYX2 | 60618385 | HEAD, HYDRAULIC MOTOR-PUMP .....                     | 1   |
| 7        | XADZZ |     | 1YYX2 | 60618386 | . PIN, SPRING .....                                  | 1   |
| 8        | XADZZ |     | 1YYX2 | 60618387 | . BUSHING, SLEEVE .....                              | 1   |
| 9        | XADZZ |     | 1YYX2 | 60618388 | . FLANGE, MOUNTING .....                             | 1   |
| 10       | XADZZ |     | 1YYX2 | 60618375 | . PIN, STRAIGHT, HEADLESS .....                      | 1   |
| 11       | XADZZ |     | 1YYX2 | 60618389 | PLUG, MACHINE THREAD.....                            | 1   |
| 12       | KDDZZ |     | 1YYX2 | 60618371 | PLATE, CAM, PUMP .....                               | 1   |
| 13       | XADZZ |     | 1YYX2 | 60618368 | PISTON ASSEMBLY .....                                | 9   |
| 14       | KDDZZ |     | 1YYX2 | 60618391 | SPACER, SLEEVE .....                                 | 4   |
| 15       | KDDZZ |     | 1YYX2 | 60618367 | PLATE, PISTON, PUMP .....                            | 1   |
| 16       | KDDZZ |     | 1YYX2 | 60618365 | CLIP, SPRING, TENSION.....                           | 2   |
| 17       | KDDZZ |     | 1YYX2 | 60618364 | WASHER, KEY .....                                    | 4   |
| 18       | KDDZZ |     | 1YYX2 | 60618392 | BOLT .....   | 4   |
| 19       | KDDZZ |     | 1YYX2 | 60618362 | CYLINDER, ACTUATING, LINEAR .....                    | 1   |
| 20       | KDDZZ |     | 1YYX2 | 60618381 | WASHER, FLAT.....                                    | 14  |
| 21       | KDDZZ |     | 1YYX2 | 60618393 | BOLT, MACHINE.....                                   | 8   |
| 22       | XADZZ |     | 1YYX2 | 60618361 | RETAINER, HELICAL COMPRESSION SPRING .....           | 1   |
| 23       | XADZZ |     | 1YYX2 | 60618360 | SPRING, STEERING, GEAR .....                         | 1   |
| 24       | XADZZ |     | 1YYX2 | 60618359 | WASHER, FLAT.....                                    | 1   |
| 25       | KDDZZ |     | 1YYX2 | 60618358 | RING.....  | 1   |
| 26       | XADZZ |     | 1YYX2 | 60618394 | HOUSING, ASSEMBLY, MOTOR.....                        | 1   |
| 27       | XADZZ |     | 1YYX2 | 60618395 | HOUSING, MOTOR (MACH).....                           | 1   |
| 28       | XADZZ |     | 1YYX2 | 60618354 | . PIN, STRAIGHT, HEADLESS .....                      | 1   |
| 29       | XADZZ |     | 1YYX2 | 60618396 | NAMEPLATE .....                                      | 1   |
|          |       |     |       |          | (SEE FIG 11 FOR NEXT HIGHER ASSEMBLY)                |     |
| 30       | XADZZ |     | 1YYX2 | 60618397 | SCREW, DRIVE.....                                    | 1   |
|          |       |     |       |          | (PROVIDED WITH NAMEPLATE)                            |     |
| 31       | KDDZZ |     | 1YYX2 | 60618398 | NUT, SELF-LOCKING, HEXAGON HEAD                      | 6   |
|          |       |     |       |          | END OF FIGURE  |     |



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**SUSTAINMENT MAINTENANCE**  
**MANIFOLD COMPONENT PARTS (S&T DYNAMICS PUMP)**

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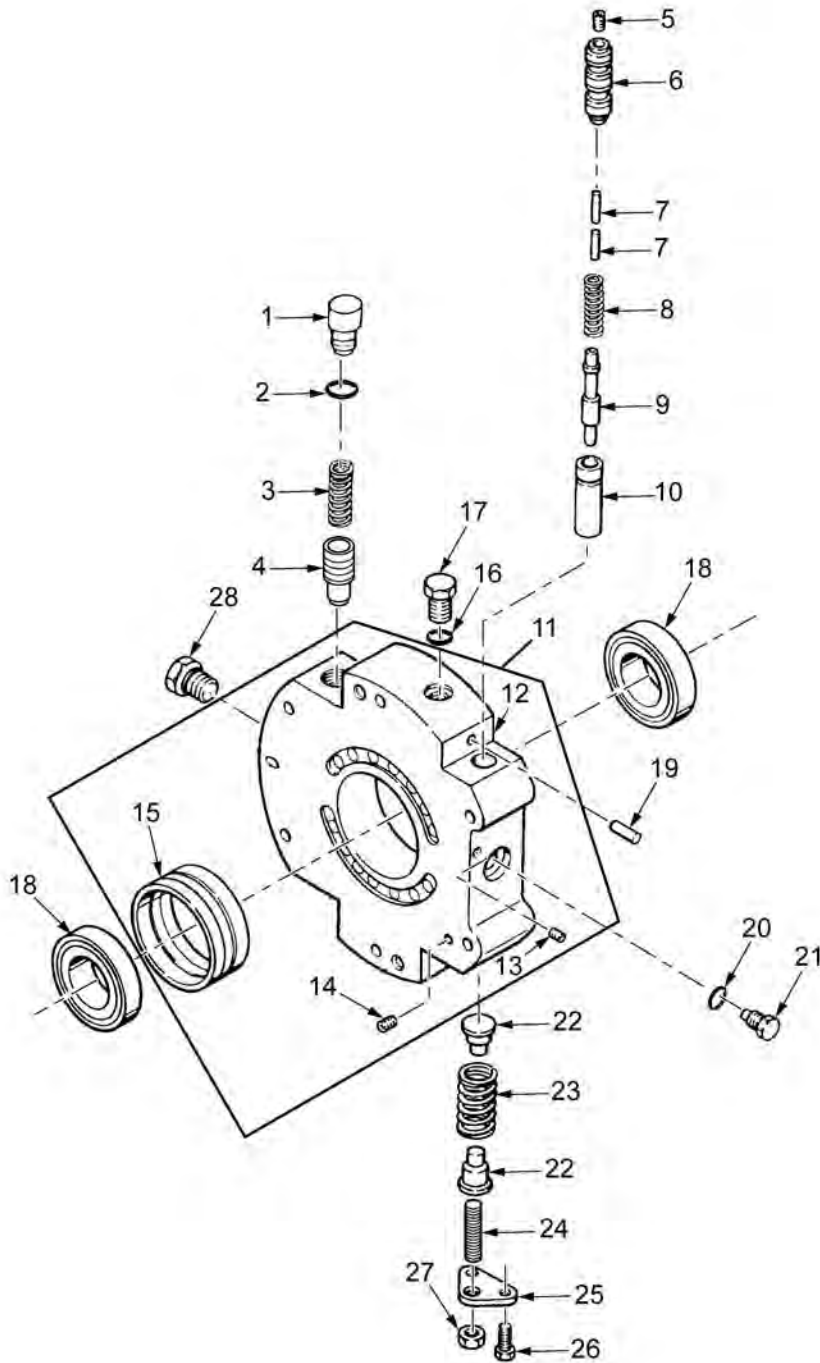


Figure 28. Manifold Component Parts (S&T Dynamics Pump).

| ITEM NO. | SMR   | NSN | CAGEC | PART NO. | DESCRIPTION AND USABLE ON CODE (UOC)                    | QTY |
|----------|-------|-----|-------|----------|---|-----|
|          |       |     |       |          | GROUP 0721 COOLERS, PUMPS, MOTORS                       |     |
|          |       |     |       |          | FIGURE 28 Manifold Component Parts (S&T Dynamics Pump). |     |
| 1        | XADZZ |     | 1YYX2 | 60618460 | PLUG, MACHINE THREAD.....                               | 2   |
| 2        | KDDZZ |     | 1YYX2 | 60618461 | PACKING.....  | 2   |
| 3        | XADZZ |     | 1YYX2 | 60618462 | SPRING, SPECIAL.....                                    | 2   |
| 4        | XADZZ |     | 1YYX2 | 60618463 | PLUNGER, DETENT.....                                    | 2   |
| 5        | XADZZ |     | 1YYX2 | 60618464 | PLUG, PIPE.....   | 1   |
| 6        | XADZZ |     | 1YYX2 | 60618465 | BODY, PRESSURE CONTROL, TRANSMISSION.....               | 1   |
| 7        | XADZZ |     | 1YYX2 | 60618466 | PIN, STRAIGHT, HEADLESS.....                            | 2   |
| 8        | XADZZ |     | 1YYX2 | 60618467 | SPRING, HELICAL, COMPRESSION.....                       | 1   |
| 9        | KDDZZ |     | 1YYX2 | 60618468 | SLIDE, DIRECTIONAL CONTROL.....                         | 1   |
| 10       | KDDZZ |     | 1YYX2 | 60618469 | SLEEVE, VALVE.....                                      | 1   |
| 11       | XADZZ |     | 1YYX2 | 60618470 | MANIFOLD ASSEMBLY.....                                  | 1   |
| 12       | XADZZ |     | 1YYX2 | 60618471 | MANIFOLD.....   | 1   |
| 13       | XADZZ |     | 1YYX2 | 60618472 | SETSCREW.....   | 2   |
| 14       | XADZZ |     | 1YYX2 | 60618473 | SETSCREW.....   | 2   |
| 15       | XADZZ |     | 1YYX2 | 60618475 | DISTRIBUTOR, CHARGE.....                                | 1   |
| 16       | KDDZZ |     | 1YYX2 | 60618476 | PACKING, PREFORMED.....                                 | 2   |
| 17       | XADZZ |     | 1YYX2 | 60618477 | PLUG.....   | 2   |
| 18       | KDDZZ |     | 1YYX2 | 60618478 | BEARING, ROLLER, CYLINDRICAL.....                       | 2   |
| 19       | XADZZ |     | 1YYX2 | 60618479 | PIN, STRAIGHT, HEADLESS.....                            | 1   |
| 20       | KDDZZ |     | 1YYX2 | 60618480 | O-RING.....   | 1   |
| 21       | XADZZ |     | 1YYX2 | 60618481 | PLUG, MACHINE THREAD.....                               | 1   |
| 22       | XADZZ |     | 1YYX2 | 60618482 | SEAT, HELICAL COMPRESSION SPRING.....                   | 2   |
| 23       | XADZZ |     | 1YYX2 | 60618483 | SPRING, HELICAL, COMPRESSION.....                       | 1   |
| 24       | XADZZ |     | 1YYX2 | 60618484 | KEY SET, SOCKET HEAD.....                               | 1   |
| 25       | XADZZ |     | 1YYX2 | 60618485 | CAP, PRESSURE ADJUST.....                               | 1   |
| 26       | KDDZZ |     | 1YYX2 | 60618486 | BOLT, SELF-LOCKING HEAD.....                            | 2   |
| 27       | XADZZ |     | 1YYX2 | 60618429 | NUT, PLAIN, HEXAGON.....                                | 1   |
| 28       | XADZZ |     | 1YYX2 | 60618389 | PLUG, MACHINE THREAD.....                               | 1   |
|          |       |     |       |          | END OF FIGURE   |     |





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**SUSTAINMENT MAINTENANCE**  
**PUMP COMPONENT PARTS (S&T DYNAMICS PUMP)**

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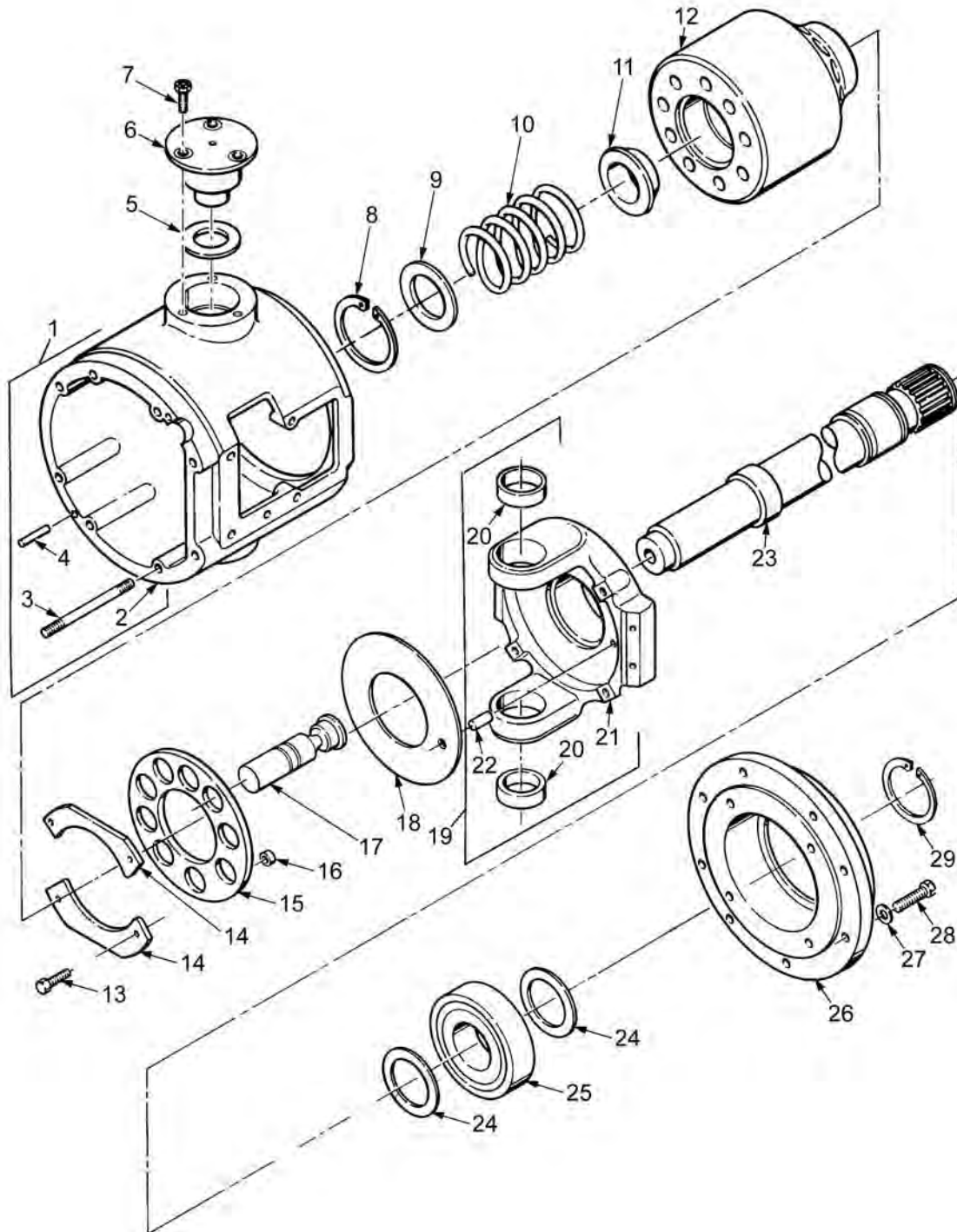


Figure 29. Pump Component Parts (S&T Dynamics Pump).

| ITEM NO. | SMR   | NSN | CAGEC | PART NO. | DESCRIPTION AND USABLE ON CODE (UOC)                | QTY |
|----------|-------|-----|-------|----------|---|-----|
|          |       |     |       |          | GROUP 0721 COOLERS, PUMPS, MOTORS                   |     |
|          |       |     |       |          | FIGURE 29 Pump Component Parts (S&T Dynamics Pump). |     |
| 1        | XADZZ |     | 1YYX2 | 60618351 | HOUSING ASSEMBLY, PUMP .....                        | 1   |
| 2        | XADZZ |     | 1YYX2 | 60618352 | . HOUSING (MACH) .....                              | 1   |
| 3        | XADZZ |     | 1YYX2 | 60618353 | . STUD, PLAIN.....                                  | 6   |
| 4        | XADZZ |     | 1YYX2 | 60618354 | . PIN, STRAIGHT, HEADLESS .....                     | 2   |
| 5        | KDDZZ |     | 1YYX2 | 60618355 | BEARING, WASHER, THRUST .....                       | 2   |
| 6        | XADZZ |     | 1YYX2 | 60618356 | CAM, CONTROL .....                                  | 2   |
| 7        | KDDZZ |     | 1YYX2 | 60618357 | BOLT, MACHINE.....                                  | 6   |
| 8        | KDDZZ |     | 1YYX2 | 60618358 | RING .....  | 1   |
| 9        | XADZZ |     | 1YYX2 | 60618359 | WASHER, FLAT .....                                  | 1   |
| 10       | XADZZ |     | 1YYX2 | 60618360 | SPRING, STEERING, GEAR .....                        | 1   |
| 11       | XADZZ |     | 1YYX2 | 60618361 | RETAINER, HELICAL COMPRESSION SPRING .....          | 1   |
| 12       | KDDZZ |     | 1YYX2 | 60618362 | CYLINDER, ACTUATING, LINEAR .....                   | 1   |
| 13       | KDDZZ |     | 1YYX2 | 60618363 | BOLT .....  | 4   |
| 14       | KDDZZ |     | 1YYX2 | 60618365 | CLIP, SPRING, TENSION.....                          | 2   |
| 15       | KDDZZ |     | 1YYX2 | 60618367 | PLATE, PISTON, PUMP .....                           | 1   |
| 16       | KDDZZ |     | 1YYX2 | 60618366 | SPACER, SLEEVE .....                                | 4   |
| 17       | KDDZZ |     | 1YYX2 | 60618368 | PISTON ASSEMBLY .....                               | 9   |
| 18       | KDDZZ |     | 1YYX2 | 60618371 | PLATE, CAM, PUMP .....                              | 1   |
| 19       | XADZZ |     | 1YYX2 | 60618372 | CAM, CONTROL .....                                  | 1   |
| 20       | XADZZ |     | 1YYX2 | 60618373 | . BEARING, ROLLER, CYLINDRICAL.....                 | 2   |
| 21       | XADZZ |     | 1YYX2 | 60618374 | . CAM (MACH) .....                                  | 1   |
| 22       | XADZZ |     | 1YYX2 | 60618375 | . PIN, STRAIGHT, HEADLESS .....                     | 1   |
| 23       | XADZZ |     | 1YYX2 | 60618376 | SHAFT, SHOULDERED .....                             | 1   |
| 24       | KDDZZ |     | 1YYX2 | 60618377 | RING, RETAINING.....                                | 2   |
| 25       | KDDZZ |     | XYYX2 | 60618379 | BEARING, BALL, ANNULAR.....                         | 1   |
| 26       | XADZZ |     | 1YYX2 | 60618380 | FLANGE, MOUNTING .....                              | 1   |
| 27       | KDDZZ |     | 1YYX2 | 60618381 | WASHER, FLAT .....                                  | 8   |
| 28       | KDDZZ |     | 1YYX2 | 60618382 | SCREW, CAP, HEXAGON HEAD.....                       | 8   |
| 29       | XADZZ |     | 1YYX2 | 60618378 | RING, RETAINING.....                                | 1   |
|          |       |     |       |          | END OF FIGURE                                       |     |



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**SUSTAINMENT MAINTENANCE**  
**STEER CONTROL ASSEMBLY (EATON PUMP)**

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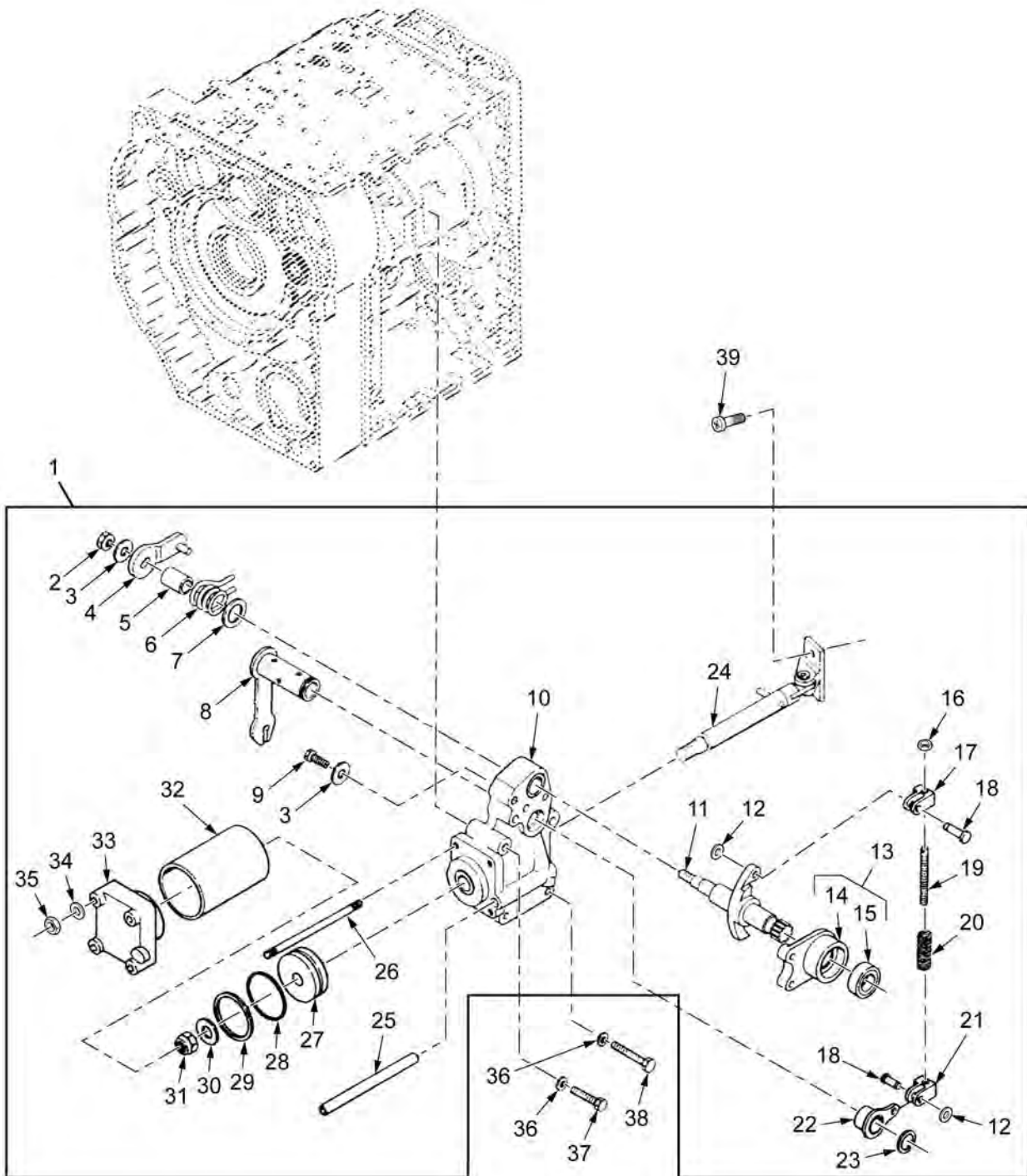


Figure 30. Steer Control Assembly (Eaton Pump).

| ITEM NO.      | SMR   | NSN              | CAGEC | PART NO.     | DESCRIPTION AND USABLE ON CODE (UOC)           | QTY |
|---------------|-------|------------------|-------|--------------|--|-----|
|               |       |                  |       |              | GROUP 0721 COOLERS, PUMPS, MOTORS              |     |
|               |       |                  |       |              | FIGURE 30 Steer Control Assembly (Eaton Pump). |     |
| 1             | ADDDD |                  | 90166 | 830710       | CONTROL ASSEMBLY, STEER.....                   | 1   |
| 2             | PADZZ | 5310-01-097-7994 | 0E9NO | 870705       | . NUT, SELF-LOCKING, HEXAGON.....              | 1   |
| 3             | PAHZZ | 5310-01-253-5930 | 90166 | 842894       | . WASHER, FLAT.....                            | 3   |
| 4             | PADZZ | 2520-01-238-8826 | 90166 | DS-830665    | . LEVER, REMOTE CONTROL.....                   | 1   |
| 5             | PADZZ | 3120-01-241-2851 | 62983 | 842633       | . BUSHING, SLEEVE.....                         | 1   |
| 6             | PADZZ | 5360-01-241-3264 | 90166 | DS-842669    | . SPRING, HELICAL, TORSION.....                | 1   |
| 7             | PADZZ | 5310-01-247-8212 | 90166 | 842635       | . WASHER, FLAT.....                            | 1   |
| 8             | PAHDD | 2520-01-235-9598 | 90166 | 830661       | . VALVE ASSEMBLY, SERVO.....                   | 1   |
| 9             | PADZZ | 5305-00-638-2362 | 24617 | 9409225      | . SCREW, CAP, HEXAGON HEAD.....                | 2   |
| 10            | PADZZ | 2530-01-509-3966 | 90166 | 3030071-001  | . HOUSING, VEHICULAR STEERING GEAR.....        | 1   |
| 11            | PADZZ | 3040-01-240-3080 | 90166 | 842885       | . SHAFT, SHOULDERED.....                       | 1   |
| 12            | PADZZ | 5325-01-243-5289 | 90166 | 871941       | . RING, RETAINING.....                         | 2   |
| 13            | PADDD | 2520-01-235-9599 | 90166 | 830666       | . RETAINER ASSEMBLY, SEAL.....                 | 1   |
| 14            | XADZZ |                  | 90166 | 842683       | . . RETAINER, SEAL (MACH).....                 | 1   |
| 15            | PADZZ | 5330-00-003-0887 | 0E9NO | 870115       | . . SEAL, LIP, PLATE ASSEMBLY.....             | 1   |
| 16            | PADZZ | 5310-01-097-7957 | 90166 | DS-940244    | . NUT, PLAIN, HEXAGON.....                     | 1   |
| 17            | PADZZ | 5340-01-244-1473 | 90166 | 842449       | . CLEVIS, ROD END.....                         | 1   |
| 18            | PADZZ | 5315-01-245-3673 | 90166 | 842451       | . PIN, GROOVED, HEADED.....                    | 2   |
| 19            | PADZZ | 5307-01-241-5173 | 90166 | 842638       | . STUD, STEPPED.....                           | 1   |
| 20            | PADZZ | 5360-01-241-3246 | 90166 | DS-940433    | . SPRING, HELICAL, COMPRESSION....             | 1   |
| 21            | PADZZ | 5340-01-242-7146 | 90166 | 842448       | . CLEVIS, ROD END.....                         | 1   |
| 22            | PADZZ | 2520-01-246-6418 | 90166 | 830713       | . SLEEVE ASSEMBLY, VALVE.....                  | 1   |
| 23            | PADZZ | 5325-00-080-9091 | 96906 | MS16626-4087 | . RING, RETAINING.....                         | 1   |
| 24            | PADZZ | 5340-01-241-4282 | 90166 | DS-830663    | . CONNECTOR, ROD END.....                      | 1   |
| 25            | PADZZ | 4710-01-238-8783 | 90166 | 842632       | . TUBE, TRANSFER.....                          | 1   |
| 26            | PADZZ | 5307-01-241-5172 | 90166 | 842637       | . STUD, PLAIN.....                             | 4   |
| 27            | PADZZ | 5821-00-111-8054 | 90166 | 840297       | . PISTON ASSEMBLY, PUMP.....                   | 1   |
| 28            | PADZZ | 5331-00-580-4394 | 81343 | MS28775-129  | . O-RING.....                                  | 1   |
| 29            | PADZZ | 2520-01-238-8767 | 90166 | DS-940602    | . RING, PISTON.....                            | 1   |
| 30            | PADZZ | 5310-01-246-5785 | 90166 | 870539       | . WASHER, FLAT.....                            | 1   |
| 31            | PADZZ | 5310-01-241-2675 | 90166 | 870709       | . NUT, SELF-LOCKING, HEXAGON.....              | 1   |
| 32            | PADZZ | 2990-01-238-8831 | 90166 | DS-842634    | . CYLINDER, SLEEVE.....                        | 1   |
| 33            | PBDZZ | 5340-01-242-2796 | 90166 | 842666       | . COVER, ACCESS.....                           | 1   |
| 34            | PADZZ | 5310-01-241-2687 | 90166 | 842461       | . WASHER, FLAT.....                            | 4   |
| 35            | PADZZ | 5310-01-241-2676 | 90166 | 870703       | . NUT, SELF-LOCKING, HEXAGON.....              | 4   |
| 36            | PAHZZ | 5310-01-253-5930 | 90166 | 842894       | WASHER, FLAT.....                              | 4   |
| 37            | PAHZZ | 5306-01-164-7448 | 73342 | 9409621      | BOLT, MACHINE.....                             | 2   |
| 38            | PAHZZ | 5306-00-944-6812 | 24617 | 9409014      | BOLT, MACHINE.....                             | 2   |
| 39            | PAHZZ | 5305-00-001-5017 | 90166 | 870888       | SCREW, CAP, SOCKET HEAD.....                   | 2   |
| END OF FIGURE |       |                  |       |              |  |     |





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**SUSTAINMENT MAINTENANCE**  
**MOTOR COMPONENT PARTS (EATON PUMP)**

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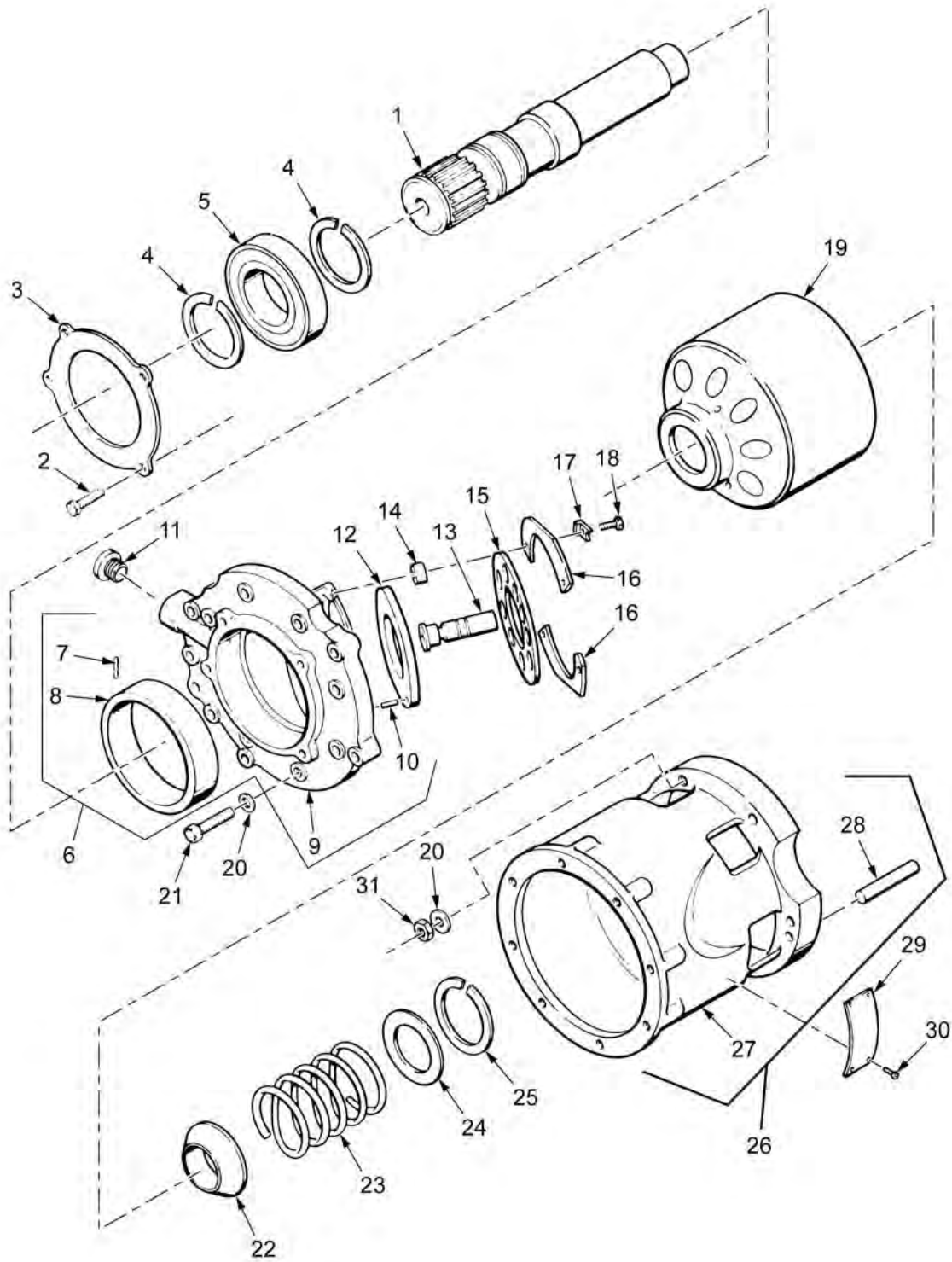


Figure 31. Motor Component Parts (Eaton Pump).

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO.    | DESCRIPTION AND USABLE ON CODE (UOC)          | QTY |
|----------|-------|------------------|-------|-------------|---|-----|
|          |       |                  |       |             | GROUP 0721 COOLERS, PUMPS, MOTORS             |     |
|          |       |                  |       |             | FIGURE 31 Motor Component Parts (Eaton Pump). |     |
| 1        | PADZZ | 3040-01-238-8773 | 90166 | DS-842679   | SHAFT, SHOULDERED .....                       | 1   |
| 2        | PADZZ | 5306-00-940-9011 | 24617 | 9409011     | BOLT, MACHINE.....                            | 4   |
| 3        | PADZZ | 3110-01-241-2943 | 90166 | 842657      | PLATE, RETAINING, BEARING .....               | 1   |
| 4        | PADZZ | 5325-00-498-2864 | 90166 | 870102      | RING, RETAINING.....                          | 2   |
| 5        | PADZZ | 3110-00-554-3248 | 52676 | 6310        | BEARING, BALL, ANNULAR.....                   | 1   |
| 6        | PADDD | 3040-01-235-9644 | 90166 | 842688      | HEAD, HYDRAULIC MOTOR-PUMP .....              | 1   |
| 7        | PADZZ | 5315-01-258-1497 | 90166 | 870068      | . PIN, SPRING .....                           | 1   |
| 8        | XADZZ |                  | 90166 | 842642      | . BUSHING, SLEEVE .....                       | 1   |
| 9        | XADZZ |                  | 90166 | 850236      | . FLANGE, MOUNTING .....                      | 1   |
| 10       | PADZZ | 5315-01-371-8568 | 90166 | 873173      | . PIN, STRAIGHT, HEADLESS .....               | 1   |
| 11       | PADZZ | 5365-01-247-6952 | 90166 | 873017      | PLUG, MACHINE THREAD.....                     | 1   |
| 12       | PADZZ | 4320-01-372-7368 | 90166 | DS-843095   | PLATE, CAM, PUMP .....                        | 1   |
| 13       | PADZZ | 2520-01-467-9005 | 90166 | 940734      | PISTON, CLUTCH SHAFT ASSEMBLY ...             | 9   |
| 14       | PADZZ | 5385-01-242-0828 | 90166 | 842626      | SPACER, SLEEVE .....                          | 4   |
| 15       | PADZZ | 2520-01-467-8998 | 90166 | 940735      | PLATE, DAMPER, TRANSMISSION .....             | 1   |
| 16       | PADZZ | 5340-01-372-3558 | 90166 | 843090      | CLIP, SPRING TENSION.....                     | 2   |
| 17       | PADZZ | 5310-00-562-3932 | 90166 | 841163      | WASHER, KEY .....                             | 4   |
| 18       | PADZZ | 5306-01-017-9962 | 90166 | 870151      | BOLT .....                                    | 4   |
| 19       | PADZZ | 3040-01-241-6851 | 90166 | DS-841665   | CYLINDER, ACTUATING, LINEAR .....             | 1   |
| 20       | PADZZ | 5310-01-280-5798 | 90166 | 843003      | WASHER, FLAT .....                            | 14  |
| 21       | PADZZ | 5306-01-083-6443 | 96906 | MS35764-236 | BOLT, MACHINE.....                            | 8   |
| 22       | PADZZ | 2520-01-241-5636 | 90166 | 842742      | RETAINER, HELICAL COMPRESSION SPRING .....    | 1   |
| 23       | PADZZ | 5360-00-909-0313 | 90166 | 840022      | SPRING, STEERING GEAR .....                   | 1   |
| 24       | PADZZ | 5310-00-935-9041 | 90166 | 840023      | WASHER, FLAT .....                            | 1   |
| 25       | PADZZ | 5365-00-152-0311 | 0E9N0 | 870103      | RING .....                                    | 1   |
| 26       | PADDD | 2520-01-235-9597 | 90166 | 830664      | HOUSING, ASSEMBLY, MOTOR .....                | 1   |
| 27       | XADZZ |                  | 90166 | 842689      | . HOUSING, MOTOR (MACH).....                  | 1   |
| 28       | PADZZ | 5315-00-819-6282 | 80205 | MS16555-61  | . PIN, STRAIGHT, HEADLESS .....               | 2   |
| 29       | XADZZ |                  | 90166 | 842702      | NAMEPLATE .....                               | 1   |
|          |       |                  |       |             | (SEE FIG 11 FOR NEXT HIGHER ASSEMBLY)         |     |
| 30       | XADZZ |                  | 90166 | 872885      | SCREW, DRIVE .....                            | 4   |
|          |       |                  |       |             | (PROVIDED WITH NAMEPLATE)                     |     |
| 31       | PADZZ | 5310-01-241-2677 | 79597 | 04-737130   | NUT, SELF-LOCKING, HEXAGON.....               | 6   |
|          |       |                  |       |             | END OF FIGURE                                 |     |



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**SUSTAINMENT MAINTENANCE**  
**MANIFOLD COMPONENT PARTS (EATON PUMP)**

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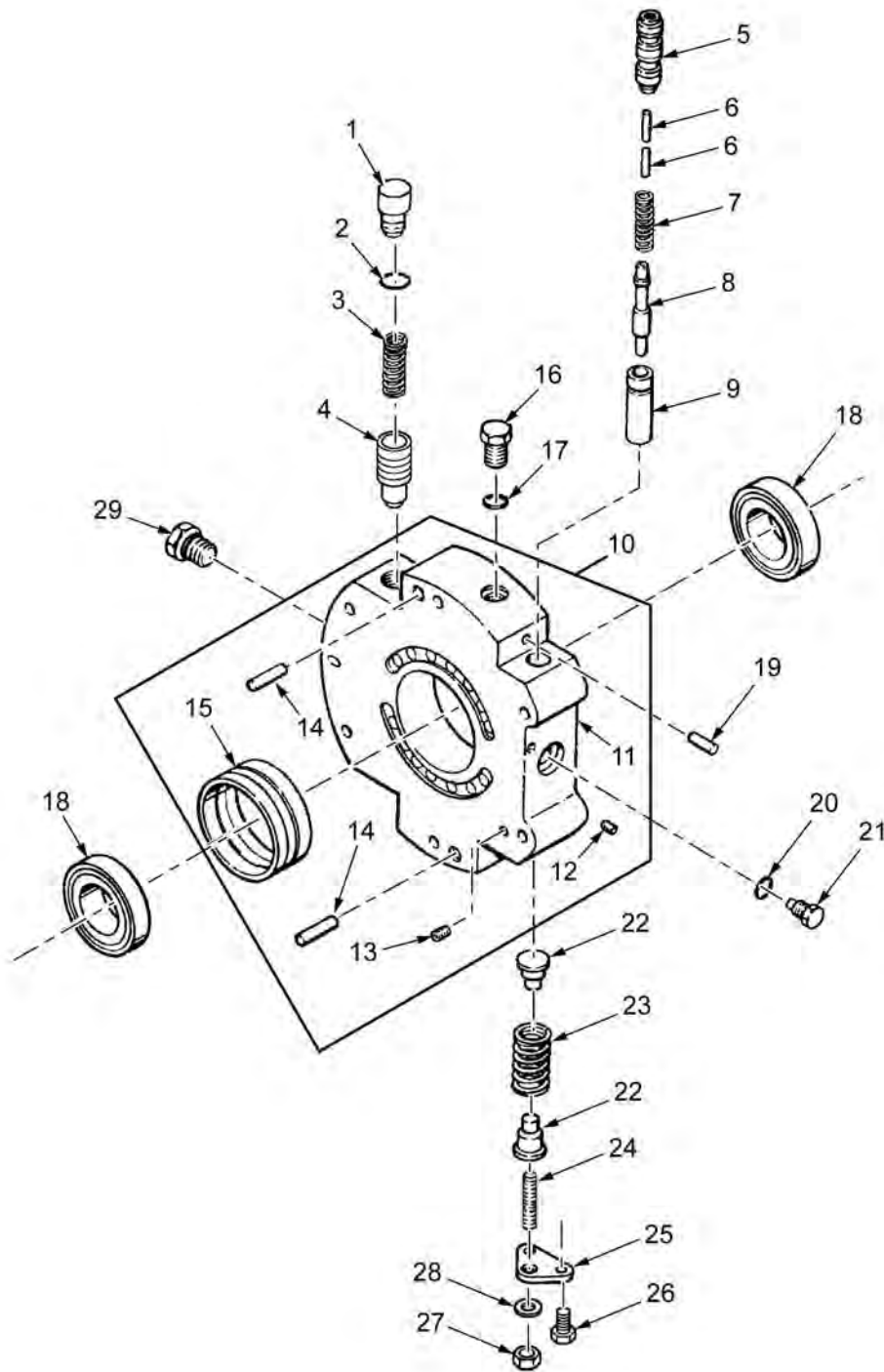


Figure 32. Manifold Component Parts (Eaton Pump).

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO.     | DESCRIPTION AND USABLE ON CODE (UOC)             | QTY |
|----------|-------|------------------|-------|--------------|--|-----|
|          |       |                  |       |              | GROUP 0721 COOLERS, PUMPS, MOTORS                |     |
|          |       |                  |       |              | FIGURE 32 Manifold Component Parts (Eaton Pump). |     |
| 1        | PADZZ | 5365-00-792-0809 | 90166 | DS-840037    | PLUG, MACHINE THREAD.....                        | 2   |
| 2        | PADZZ | 5330-00-152-3049 | 0E9N0 | 871908       | PACKING.....                                     | 2   |
| 3        | PADZZ | 5360-00-169-8367 | 0E9N0 | 840036       | SPRING, SPECIAL.....                             | 2   |
| 4        | PADZZ | 5340-01-376-4633 | 90166 | 840035       | PLUNGER, DETENT.....                             | 2   |
| 5        | PADZZ | 2520-01-508-0138 | 90166 | 940968       | BODY, PRESSURE CONTROL, TRANSMISSION.....        | 1   |
| 6        | PADZZ | 5315-01-247-6955 | 90166 | 871049       | PIN, STRAIGHT, HEADLESS.....                     | 2   |
| 7        | PADZZ | 5360-01-249-0611 | 90166 | 840687       | SPRING, HELICAL, COMPRESSION.....                | 1   |
| 8        | PADZZ | 4810-01-238-9855 | 90166 | 842063       | SLIDE, DIRECTIONAL CONTROL.....                  | 1   |
| 9        | PADZZ | 2520-01-238-8784 | 90166 | 842171       | SLEEVE, VALVE.....                               | 1   |
| 10       | PADZZ | 4730-01-375-7411 | 62983 | 3030072-001  | MANIFOLD, HYDRAULIC SYSTEM ACCESSORIES.....      | 1   |
| 11       | XADZZ |                  | 90166 | 850231       | . MANIFOLD.....                                  | 1   |
| 12       | PADZZ | 5340-01-119-6062 | 76301 | ST7M141C7S   | . PLUG ASSEMBLY, SEALING.....                    | 2   |
| 13       | PADZZ | 5340-01-451-0076 | 92555 | PLGA1561020A | . PLUG, PROTECTIVE, DUST AND MOISTURE SEAL.....  | 2   |
| 14       | XADZZ |                  | 90166 | 842704       | . BUSHING, SLUG.....                             | 2   |
| 15       | XADZZ |                  | 90166 | 842648       | . DISTRIBUTOR, CHARGE.....                       | 1   |
| 16       | PADZZ | 5365-00-610-6325 | 0E9N0 | 840146       | PLUG.....  | 2   |
| 17       | PADZZ | 5330-01-250-0651 | 90166 | 871904       | PACKING, PREFORMED.....                          | 2   |
| 18       | PADZZ | 3110-00-554-3647 | 77237 | 223403       | BEARING, ROLLER, CYLINDRICAL.....                | 2   |
| 19       | PADZZ | 5315-00-926-5866 | 81343 | MS9390-440   | PIN, STRAIGHT, HEADLESS.....                     | 1   |
| 20       | PADZZ | 5331-01-256-6894 | 90166 | 871902       | O-RING.....                                      | 1   |
| 21       | PADZZ | 5365-01-269-2676 | 90166 | 842653       | PLUG, MACHINE THREAD.....                        | 1   |
| 22       | PADZZ | 5340-00-104-9823 | 90166 | 840206       | SEAT, HELICAL COMPRESSION SPRING.....            | 2   |
| 23       | PADZZ | 5360-01-241-3247 | 90166 | 840726       | SPRING, HELICAL, COMPRESSION.....                | 1   |
| 24       | PADZZ | 5305-01-564-3363 | 90166 | 940736       | SETSCREW.....                                    | 1   |
| 25       | PADZZ | 4320-01-238-7053 | 90166 | DS-842625    | VALVE PLATE, HYDRAULIC MOTOR-PUMP.....           | 1   |
| 26       | PADZZ | 5305-00-813-4495 | 19207 | 9409088      | SCREW, CAP, SOCKET HEAD.....                     | 2   |
| 27       | PADZZ | 5310-01-329-8189 | 90166 | 870861       | NUT, PLAIN, HEXAGON.....                         | 1   |
| 28       | PADZZ | 5310-01-509-2815 | 90166 | 940738       | WASHER, FLAT.....                                | 1   |
| 29       | PADZZ | 5365-01-247-6952 | 90166 | 873017       | PLUG, MACHINE THREAD.....                        | 1   |

END OF FIGURE





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**SUSTAINMENT MAINTENANCE**  
**PUMP COMPONENT PARTS (EATON PUMP)**

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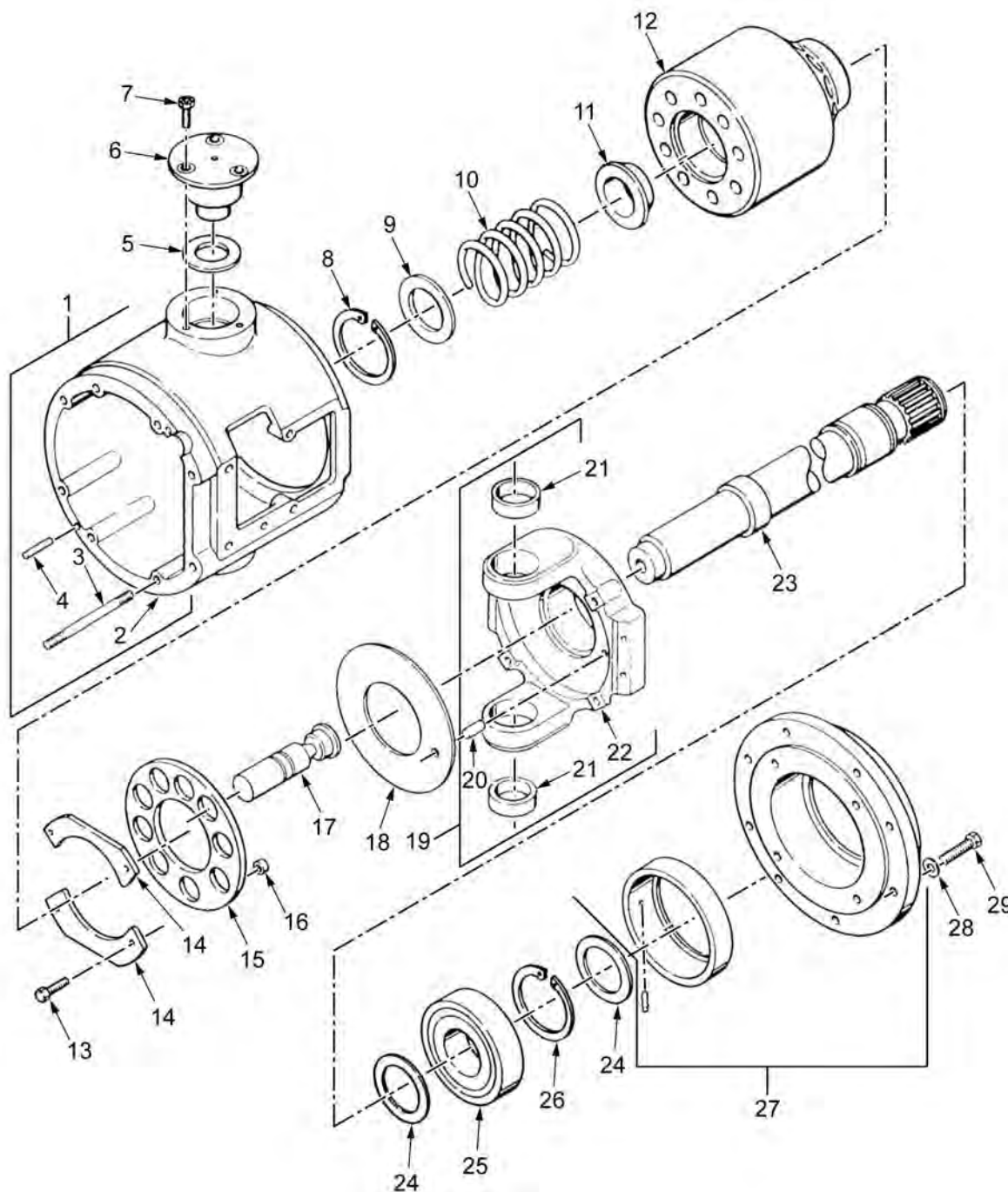


Figure 33. Pump Component Parts (Eaton Pump).

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO.   | DESCRIPTION AND USABLE ON CODE (UOC)         | QTY |
|----------|-------|------------------|-------|------------|--|-----|
|          |       |                  |       |            | GROUP 0721 COOLERS, PUMPS, MOTORS            |     |
|          |       |                  |       |            | FIGURE 33 Pump Component Parts (Eaton Pump). |     |
| 1        | PADDD | 2520-01-255-3350 | 90166 | 830824     | HOUSING ASSEMBLY, PUMP .....                 | 1   |
| 2        | XADZZ |                  | 90166 | 843088     | . HOUSING (MACH) .....                       | 1   |
| 3        | PADZZ | 5307-01-241-5171 | 90166 | 842623     | . STUD, PLAIN.....                           | 6   |
| 4        | PADZZ | 5315-00-819-6282 | 80205 | MS16555-61 | . PIN, STRAIGHT, HEADLESS .....              | 2   |
| 5        | PADZZ | 3120-00-104-0635 | 90166 | DS-940319  | BEARING, WASHER, THRUST .....                | 2   |
| 6        | PADZZ | 3040-01-241-5567 | 90166 | DS-842678  | CAM, CONTROL .....                           | 2   |
| 7        | PADZZ | 5305-01-135-5869 | 24617 | 9409067    | SCREW, CAP, HEXAGON HEAD.....                | 6   |
| 8        | PADZZ | 5365-00-152-0311 | 0E9N0 | 870103     | RING .....                                   | 1   |
| 9        | PADZZ | 5310-00-935-9041 | 90166 | 840023     | WASHER, FLAT.....                            | 1   |
| 10       | PADZZ | 5360-00-909-0313 | 90166 | 840022     | SPRING, STEERING GEAR .....                  | 1   |
| 11       | PADZZ | 2520-01-241-5636 | 90166 | 842742     | RETAINER, HELICAL COMPRESSION SPRING .....   | 1   |
| 12       | PADZZ | 3040-01-241-6851 | 90166 | DS-841665  | CYLINDER, ACTUATING, LINEAR .....            | 1   |
| 13       | PADZZ | 5306-00-169-8389 | 90166 | 870181     | BOLT .....                                   | 4   |
| 14       | PADZZ | 5340-01-372-3558 | 90166 | 843090     | CLIP, SPRING TENSION.....                    | 2   |
| 15       | PADZZ | 2520-01-467-8998 | 90166 | 940735     | PLATE, DAMPER, TRANSMISSION .....            | 1   |
| 16       | PADZZ | 5365-01-242-0827 | 90166 | DS-842621  | SPACER, SLEEVE .....                         | 4   |
| 17       | PADZZ | 2520-01-467-9005 | 90166 | 940734     | PISTON, CLUTCH SHAFT .....                   | 9   |
| 18       | PADZZ | 4320-01-372-7368 | 90166 | DS-843095  | PLATE, CAM, PUMP .....                       | 1   |
| 19       | PADZZ | 3040-01-372-5309 | 90166 | 830724     | CAM, CONTROL .....                           | 1   |
| 20       | PADZZ | 5315-01-371-8568 | 90166 | 873173     | . PIN, STRAIGHT, HEADLESS .....              | 1   |
| 21       | PADZZ | 3110-00-690-8987 | 90166 | 870647     | . BEARING, ROLLER, CYLINDRICAL.....          | 2   |
| 22       | XADZZ |                  | 90166 | 842999     | . CAM (MACH).....                            | 1   |
| 23       | PADZZ | 3040-01-241-4695 | 90166 | DS-842675  | SHAFT, SHOULDERED .....                      | 1   |
| 24       | PADZZ | 5325-00-498-2864 | 90166 | 870102     | RING, RETAINING.....                         | 2   |
| 25       | PADZZ | 3110-00-554-3248 | 52676 | 6310       | BEARING, BALL, ANNULAR.....                  | 1   |
| 26       | PADZZ | 5365-01-500-3607 | 90166 | 870104     | RING, RETAINING, INSTRUMENT .....            | 1   |
| 27       | PADZZ | 4320-01-375-8130 | 90166 | 843211     | HEAD, HYDRAULIC MOTOR-PUMP .....             | 1   |
| 28       | PADZZ | 5310-01-280-5798 | 90166 | 843003     | WASHER, FLAT .....                           | 8   |
| 29       | PADZZ | 5305-01-057-4264 | 73342 | 9409030    | SCREW, CAP, HEXAGON HEAD.....                | 8   |
|          |       |                  |       |            | END OF FIGURE                                |     |



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**SUSTAINMENT MAINTENANCE**  
**LEFT BRAKE AND OUTPUT CARRIER**

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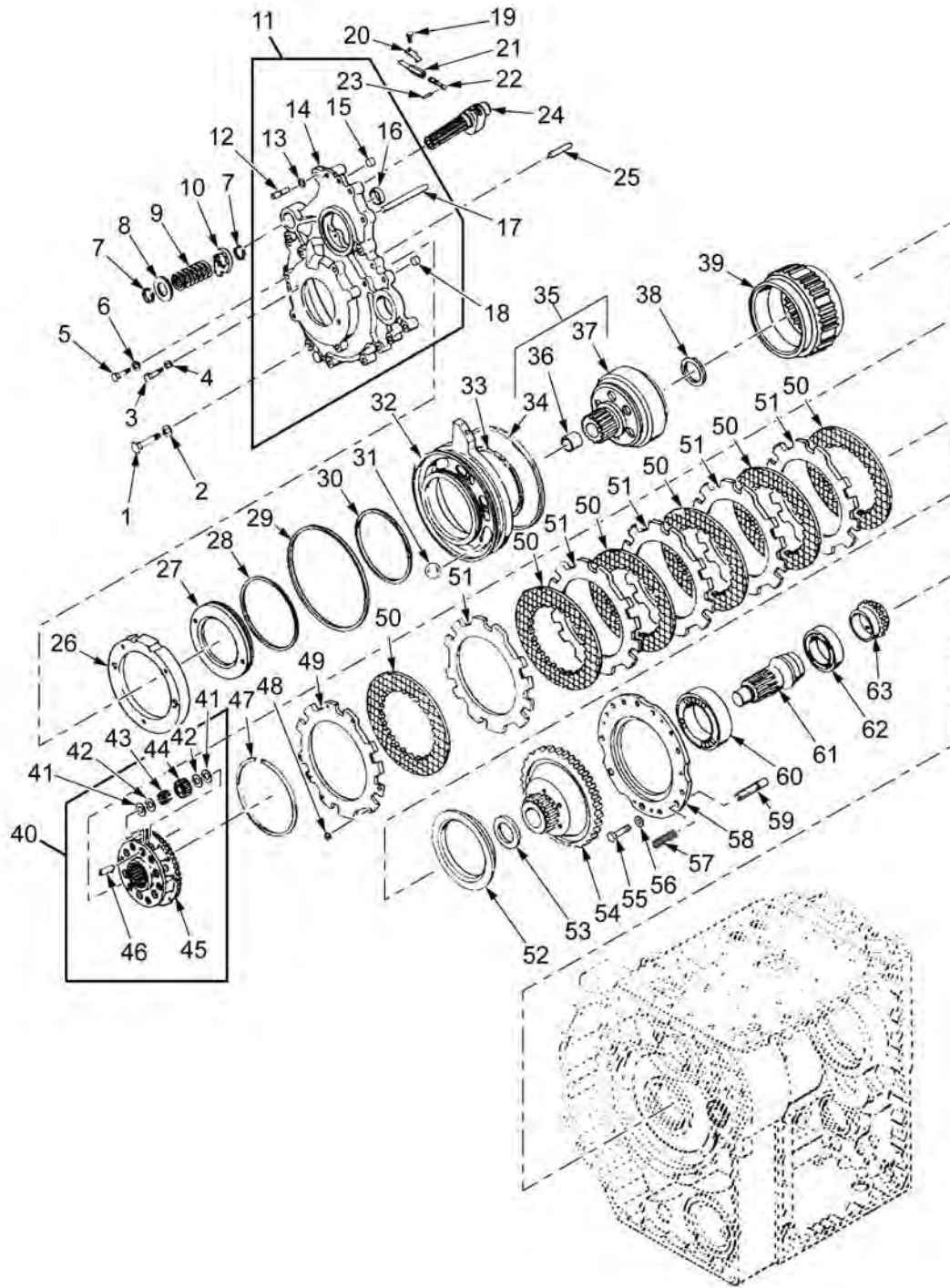


Figure 34. Left Brake and Output Carrier.

| ITEM NO.                                 | SMR   | NSN              | CAGEC | PART NO.     | DESCRIPTION AND USABLE ON CODE (UOC) | QTY |
|--|-------|------------------|-------|--------------|--------------------------------------|-----|
| GROUP 0726 BRAKES, (SPECIAL)             |       |                  |       |              |                                      |     |
| FIGURE 34 Left Brake and Output Carrier. |       |                  |       |              |                                      |     |
| 1  | PAHZZ | 5306-00-843-6398 | 24617 | 9416011      | BOLT, MACHINE.....                   | 15  |
| 2  | PAHZZ | 5310-01-092-5495 | 24617 | 9422848      | WASHER, FLAT.....                    | 15  |
| 3  | PAHZZ | 5306-01-274-6483 | 24617 | 9409074      | BOLT, MACHINE.....                   | 2   |
| 4  | PAHZZ | 5310-01-092-5496 | 24617 | 9422845      | WASHER, FLAT.....                    | 2   |
| 5  | PAHZZ | 5305-00-125-9966 | 63005 | 9409012      | SCREW, CAP, SOCKET HEAD.....         | 3   |
| 6  | PAHZZ | 5310-01-084-1197 | 24617 | 9422846      | WASHER, FLAT.....                    | 3   |
| 7  | PAHZZ | 5325-00-770-7326 | 19207 | 7707326      | RING, RETAINING.....                 | 2   |
| 8  | PAHZZ | 5310-01-216-1366 | 73342 | 23018148     | WASHER, FLAT.....                    | 1   |
| 9  | PAHZZ | 5360-01-215-9935 | 73342 | 23018146     | SPRING, HELICAL, TORSION.....        | 1   |
| 10                                       | PAHZZ | 3040-01-214-1606 | 73342 | 23018145     | CAM, CONTROL.....                    | 1   |
| 11                                       | PAHHH | 2530-01-389-7353 | 73342 | 29510174     | SPIDER, BRAKE.....                   | 1   |
| 12                                       | PAHZZ | 5315-01-215-7507 | 73342 | 23018280     | PIN, GROOVED, HEADLESS.....          | 2   |
| 13                                       | PAHZZ | 5325-01-216-1705 | 73342 | 23018281     | RING, RETAINING.....                 | 2   |
| 14                                       | XAHZZ |                  | 73342 | 29510175     | SUPPORT, LEFT BRAKE.....             | 1   |
| (USE WITH P/N 29510174)                  |       |                  |       |              |                                      |     |
| 15                                       | PAHZZ | 4820-01-213-0035 | 73342 | 23045348     | PLUG, VALVE.....                     | 1   |
| 16                                       | PAHZZ | 3110-00-277-0559 | 60380 | 6321-0054-02 | BEARING, ROLLER, NEEDLE.....         | 1   |
| 17                                       | PAHZZ | 5315-01-215-7514 | 73342 | 23018031     | PIN, STRAIGHT, HEADLESS.....         | 1   |
| 18                                       | PAHZZ | 5315-00-014-1275 | 24617 | 141275       | PIN, STRAIGHT, HEADLESS.....         | 2   |
| 19                                       | PAHZZ | 5305-00-206-1533 | 24617 | 9409072      | SCREW, CAP, HEXAGON HEAD.....        | 1   |
| 20                                       | PAHZZ | 5340-01-216-3299 | 73342 | 23018144     | CLIP, SPRING TENSION.....            | 2   |
| 21                                       | PAHZZ | 2520-01-214-3867 | 73342 | 23018143     | LINK, BRAKE ADJUSTING.....           | 1   |
| 22                                       | PAHZZ | 2520-01-214-3866 | 73342 | 23018142     | LINK, BRAKE ADJUSTING.....           | 1   |
| 23                                       | PAHZZ | 5315-01-215-7510 | 24617 | 455675       | PIN, SPRING.....                     | 1   |
| 24                                       | PAHZZ | 3040-01-214-1604 | 73342 | 23018023     | CAM, CONTROL.....                    | 1   |
| 25                                       | PAHZZ | 5315-01-217-3032 | 73342 | 23018114     | PIN, STRAIGHT, HEADLESS.....         | 4   |
| 26                                       | PAHZZ | 3040-01-214-3864 | 73342 | 23018110     | CAM, BRAKE APPLY-STATIONARY.....     | 1   |
| 27                                       | PAHZZ | 5330-01-217-4048 | 73342 | 23018109     | RETAINER, PACKING.....               | 1   |
| 28                                       | PAHZZ | 5330-01-218-1565 | 73342 | 6836113      | SEAL RING, METAL.....                | 1   |
| 29                                       | PAHZZ | 5330-01-215-9503 | 73342 | 6836128      | SEAL RING, METAL.....                | 1   |
| 30                                       | PAHZZ | 5325-01-215-9687 | 73342 | 6836127      | RING, RETAINING.....                 | 1   |
| 31                                       | PAHZZ | 3110-01-564-4850 | 72582 | 453621       | BALL, BEARING.....                   | 8   |
| 32                                       | PAHZZ | 2520-01-214-3865 | 73342 | 23018083     | CAM, BRAKE, TRANSMISSION.....        | 1   |
| 33                                       | PAHZZ | 5330-01-238-5879 | 73342 | 23046647     | GASKET.....                          | 1   |
| 34                                       | PAHZZ | 5331-01-237-2967 | 73342 | 23046648     | O-RING.....                          | 1   |
| 35                                       | PAHDD | 3020-01-198-0690 | 73342 | 23018014     | GEAR CLUSTER.....                    | 1   |
| 36                                       | PADZZ | 3120-01-216-1423 | 73342 | 23018008     | BEARING, SLEEVE.....                 | 1   |
| 37                                       | XAHZZ |                  | 73342 | 23018015     | GEAR, STEERING RING.....             | 1   |
| 38                                       | PAHZZ | 3120-01-216-1440 | 73342 | 23018237     | BEARING, WASHER, THRUST.....         | 1   |
| 39                                       | PAHZZ | 2520-01-214-3863 | 73342 | 23018078     | DRUM, BRAKE, CLUTCH.....             | 1   |
| 40                                       | PAHDD | 3010-01-550-2473 | 73342 | 29510172     | CARRIER, GEAR ASSEMBLY.....          | 1   |
| 41                                       | KDDZZ |                  | 73342 | 29510173     | BEARING, WASHER, THRUST.....         | 12  |
| (POLYAMIDE)                              |       |                  |       |              |                                      |     |
| 42                                       | KDDZZ |                  | 73342 | 6833991      | WASHER, PIN THRUST.....              | 12  |
| 43                                       | KDDZZ |                  | 60380 | Q8036        | ROLLER, BEARING.....                 | 120 |
| 44                                       | KDDZZ |                  | 73342 | 23045484     | PINION ASSEMBLY, MATCHED.....        | 1   |

| ITEM NO.      | SMR   | NSN              | CAGEC | PART NO. | DESCRIPTION AND USABLE ON CODE (UOC) | QTY |
|---------------|-------|------------------|-------|----------|--------------------------------------|-----|
| 45            | PADZZ | 2520-01-214-3857 | 73342 | 23018276 | . FLANGE AND CARRIER.....            | 1   |
| 46            | KDDZZ | 3040-01-108-7761 | 73342 | 6834309  | . SHAFT, STRAIGHT .....              | 6   |
| 47            | PAHZZ | 5325-01-217-2303 | 73342 | 6836110  | RING, RETAINING.....                 | 1   |
| 48            | PAHZZ | 5325-00-720-8064 | 02978 | ERNB260  | RING, RETAINING.....                 | 6   |
| 49            | PAHZZ | 2520-01-214-9408 | 73342 | 23018082 | DISK, CLUTCH .....                   | 1   |
| 50            | PAHZZ | 2520-01-214-9385 | 73342 | 23046537 | PRESSURE PLATE ASSEMBLY .....        | 6   |
| 51            | PAHZZ | 2520-01-246-2952 | 73342 | 23046681 | DISK, CLUTCH .....                   | 5   |
| 52            | PAHZZ | 5330-01-216-7424 | 73342 | 23018080 | SEAL, BRAKE COOLANT .....            | 1   |
| 53            | PAHZZ | 3120-01-216-1439 | 73342 | 23018236 | BEARING, WASHER, THRUST .....        | 1   |
| 54            | PAHZZ | 3020-01-215-3345 | 73342 | 23018108 | GEAR CLUSTER .....                   | 1   |
| 55            | PAHZZ | 5306-00-940-9028 | 19207 | 8350600  | BOLT, MACHINE.....                   | 5   |
| 56            | PAHZZ | 5310-00-776-7670 | 73342 | 6769636  | WASHER, FLAT .....                   | 5   |
| 57            | PAHZZ | 5360-01-216-3269 | 73342 | 23018081 | SPRING, HELICAL, COMPRESSION .....   | 6   |
| 58            | PAHZZ | 3040-01-214-5792 | 73342 | 23018079 | PLATE, BACKING, BRAKE .....          | 1   |
| 59            | PAHZZ | 5315-01-215-7506 | 73342 | 23018156 | PIN, GROOVED, HEADLESS .....         | 6   |
| 60            | PAHZZ | 3110-01-216-4032 | 82994 | BS226350 | BEARING, ROLLER, CYLINDRICAL.....    | 1   |
| 61            | PAHZZ | 3040-01-214-3841 | 73342 | 29510170 | SHAFT, SHOULDERED .....              | 1   |
| 62            | PAHZZ | 3110-00-144-8571 | 38443 | 114KS    | BEARING, BALL, ANNULAR.....          | 1   |
| 63            | PAHZZ | 3020-01-215-8826 | 73342 | 23018071 | GEAR, SPUR.....                      | 1   |
| END OF FIGURE |       |                  |       |          |                                      |     |



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SUSTAINMENT MAINTENANCE  
RIGHT BRAKE AND OUTPUT CARRIER

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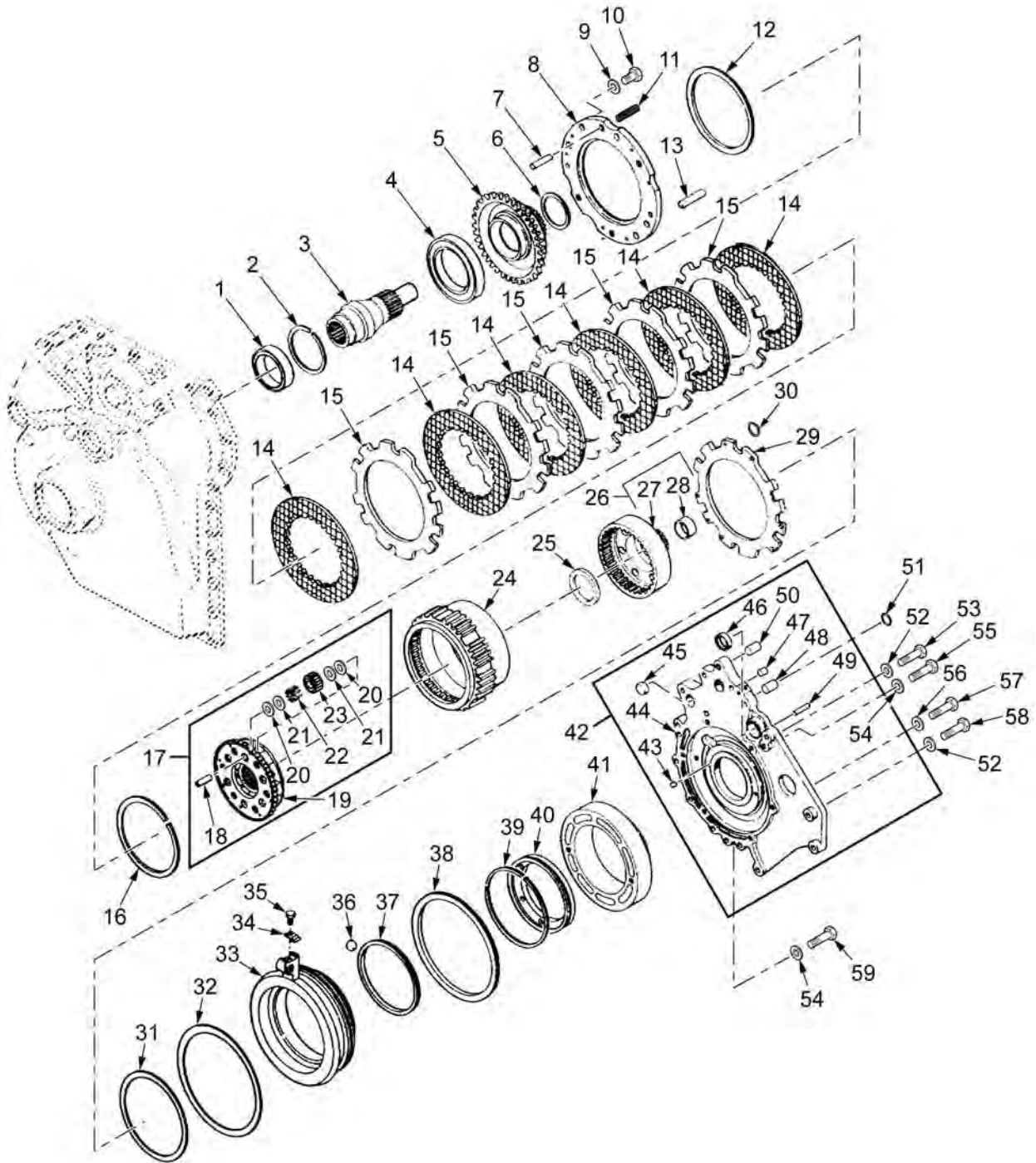


Figure 35. Right Brake and Output Carrier.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO.        | DESCRIPTION AND USABLE ON CODE (UOC)                                     | QTY |
|----------|-------|------------------|-------|-----------------|--|-----|
|          |       |                  |       |                 | GROUP 0726 BRAKES (SPECIAL)<br>FIGURE 35 Right Brake and Output Carrier. |     |
| 1        | PAHZZ | 3110-00-592-9967 | 58536 | AA59583-413JACT | BEARING, BALL, ANNULAR.....  | 1   |
| 2        | PAHZZ | 5325-01-217-2069 | 73342 | 23045232        | RING, RETAINING.....   | 1   |
| 3        | PAHZZ | 3040-01-217-1122 | 73342 | 23017955        | SHAFT, SHOULDERED .....  | 1   |
| 4        | PAHZZ | 3110-01-216-4032 | 73342 | 23048586        | BEARING, ROLLER, CYLINDRICAL.....  | 1   |
| 5        | PAHZZ | 3020-01-214-9400 | 73342 | 23018107        | GEAR CLUSTER.....  | 1   |
| 6        | PAHZZ | 3120-01-216-1439 | 73342 | 23018236        | BEARING, WASHER, THRUST .....  | 1   |
| 7        | PAHZZ | 5315-01-215-7506 | 73342 | 23018156        | PIN, GROOVED, HEADLESS .....   | 6   |
| 8        | PAHZZ | 3040-01-214-5792 | 73342 | 23018079        | PLATE, BACKING, BRAKE .....  | 1   |
| 9        | PAHZZ | 5310-00-776-7670 | 73342 | 6769636         | WASHER, FLAT.....  | 4   |
| 10       | PAHZZ | 5306-00-940-9028 | 19207 | 8350600         | BOLT, MACHINE.....   | 4   |
| 11       | PAHZZ | 5360-01-216-3269 | 73342 | 23018081        | SPRING, HELICAL, COMPRESSION .....                                       | 6   |
| 12       | PAHZZ | 5330-01-216-7424 | 73342 | 23018080        | SEAL, BRAKE COOLANT .....  | 1   |
| 13       | PAHZZ | 5315-01-217-3032 | 73342 | 23018114        | PIN, STRAIGHT, HEADLESS.....   | 4   |
| 14       | PAHZZ | 2520-01-214-9385 | 73342 | 23046537        | PRESSURE PLATE ASSEMBLY.....   | 6   |
| 15       | PAHZZ | 2520-01-246-2952 | 73342 | 23046681        | DISK, CLUTCH.....  | 5   |
| 16       | PAHZZ | 5325-01-217-2303 | 73342 | 6836110         | RING, RETAINING.....   | 1   |
| 17       | PAHDD | 3010-01-550-2473 | 73342 | 29510172        | CARRIER, GEAR ASSEMBLY .....   | 1   |
| 18       | KDDZZ |                  | 73342 | 6834309         | . SHAFT, STRAIGHT .....  | 6   |
| 19       | PADZZ | 2520-01-214-3857 | 73342 | 23018276        | . FLANGE AND CARRIER.....  | 1   |
| 20       | KDDZZ |                  | 73342 | 29510173        | . BEARING, WASHER, THRUST .....  | 12  |
| 21       | KDDZZ |                  | 73342 | 6833991         | . WASHER, PIN THRUST.....  | 12  |
| 22       | KDDZZ |                  | 60380 | Q8036           | . ROLLER, BEARING .....  | 120 |
| 23       | KDDZZ |                  | 73342 | 23045484        | . PINION ASSEMBLY, MATCHED .....   | 1   |
| 24       | PAHZZ | 2520-01-214-3863 | 73342 | 23018078        | . DRUM, BRAKE, CLUTCH .....  | 1   |
| 25       | PAHZZ | 3120-01-216-1440 | 73342 | 23018237        | BEARING, WASHER, THRUST .....  | 1   |
| 26       | PAHDD | 3020-01-198-0690 | 73342 | 23018014        | GEAR CLUSTER.....  | 1   |
| 27       | XAHZZ |                  | 73342 | 23018015        | . GEAR, STEERING RING .....  | 1   |
| 28       | PADZZ | 3120-01-216-1423 | 73342 | 23018008        | . BEARING, SLEEVE.....   | 1   |
| 29       | PAHZZ | 2520-01-214-9408 | 73342 | 23018082        | DISK, CLUTCH.....  | 1   |
| 30       | PAHZZ | 5325-00-720-8064 | 96906 | MS16624-1025    | RING, RETAINING.....   | 6   |
| 31       | PAHZZ | 5330-01-238-5879 | 73342 | 23046647        | GASKET .....   | 1   |
| 32       | PAHZZ | 5331-01-237-2967 | 73342 | 23046648        | O-RING.....  | 1   |
| 33       | PAHZZ | 2520-01-214-3865 | 73342 | 23018083        | CAM, BRAKE, TRANSMISSION .....   | 1   |
| 34       | PAHZZ | 5340-01-216-3299 | 73342 | 23018144        | . CLIP, SPRING TENSION.....  | 2   |
| 35       | PAHZZ | 5305-00-206-1533 | 24617 | 9409072         | . SCREW, CAP, HEXAGON HEAD.....  | 1   |
| 36       | PAHZZ | 3110-01-564-4850 | 72582 | 453621          | BALL, BEARING.....   | 8   |
| 37       | PAHZZ | 5325-01-215-9687 | 73342 | 6836127         | RING, RETAINING.....   | 1   |
| 38       | PAHZZ | 5330-01-215-9503 | 73342 | 6836128         | SEAL RING, METAL.....  | 1   |
| 39       | PAHZZ | 5330-01-218-1565 | 73342 | 6836113         | SEAL RING, METAL.....  | 1   |
| 40       | PAHZZ | 5330-01-217-4048 | 73342 | 23018109        | RETAINER, PACKING .....  | 1   |
| 41       | PAHZZ | 3040-01-214-3864 | 73342 | 23018110        | CAM, BRAKE APPLY-STATIONARY .....  | 1   |
| 42       | PAHZZ | 2530-01-213-1626 | 73342 | 29510214        | SUPPORT ASSEMBLY, BRAKE.....   | 1   |
| 43       | PAHZZ | 5315-00-014-1275 | 24617 | 141275          | . PIN, STRAIGHT, HEADLESS.....   | 2   |
| 44       | XAHZZ |                  | 73342 | 29510215        | . SUPPORT, RIGHT BRAKE.....  | 1   |
| 45       | PAHZZ | 5365-01-216-5750 | 73342 | 23018028        | . BUSHING BLANK.....   | 1   |
| 46       | PAHZZ | 3110-00-277-0559 | 60380 | 6321-0054-02    | . BEARING, ROLLER, NEEDLE.....   | 1   |

| ITEM NO.      | SMR   | NSN              | CAGEC | PART NO.    | DESCRIPTION AND USABLE ON CODE (UOC) | QTY |
|---------------|-------|------------------|-------|-------------|--------------------------------------|-----|
| 47            | PAHZZ | 4730-00-808-6814 | 15434 | C0505027400 | . PLUG, PIPE.....                    | 1   |
| 48            | PBHZZ | 4730-01-214-2366 | 73342 | 23018039    | . COUPLING, TUBE .....               | 1   |
| 49            | PAHZZ | 5315-01-215-7514 | 73342 | 23018031    | . PIN, STRAIGHT, HEADLESS .....      | 1   |
| 50            | XAHZZ |                  | 73342 | 29510216    | . TUBE .....                         | 1   |
| 51            | PAHZZ | 5330-01-221-9177 | 73342 | 23018233    | SEAL, NONMETALLIC ROUND SECTION      | 1   |
| 52            | PAHZZ | 5310-01-092-5495 | 24617 | 9422848     | WASHER, FLAT.....                    | 14  |
| 53            | PAHZZ | 5306-00-896-7228 | 24617 | 9409513     | BOLT, MACHINE.....                   | 2   |
| 54            | PAHZZ | 5310-01-084-1197 | 24617 | 9422846     | WASHER, FLAT.....                    | 3   |
| 55            | PAHZZ | 5305-01-126-4076 | 83386 | 9409224     | SCREW, CAP, HEXAGON HEAD.....        | 1   |
| 56            | PAHZZ | 5310-01-092-5496 | 24617 | 9422845     | WASHER, FLAT.....                    | 2   |
| 57            | PAHZZ | 5306-01-274-6483 | 24617 | 9409074     | BOLT, MACHINE.....                   | 2   |
| 58            | PAHZZ | 5306-00-843-6398 | 24617 | 9416011     | BOLT, MACHINE.....                   | 12  |
| 59            | PAHZZ | 5305-00-125-9966 | 63005 | 9409012     | SCREW, CAP, SOCKET HEAD.....         | 2   |
| END OF FIGURE |       |                  |       |             |                                      |     |

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SUSTAINMENT MAINTENANCE

RIGHT BRAKE APPLY VALVE BODY AND BRAKE COOLANT VALVE BODY

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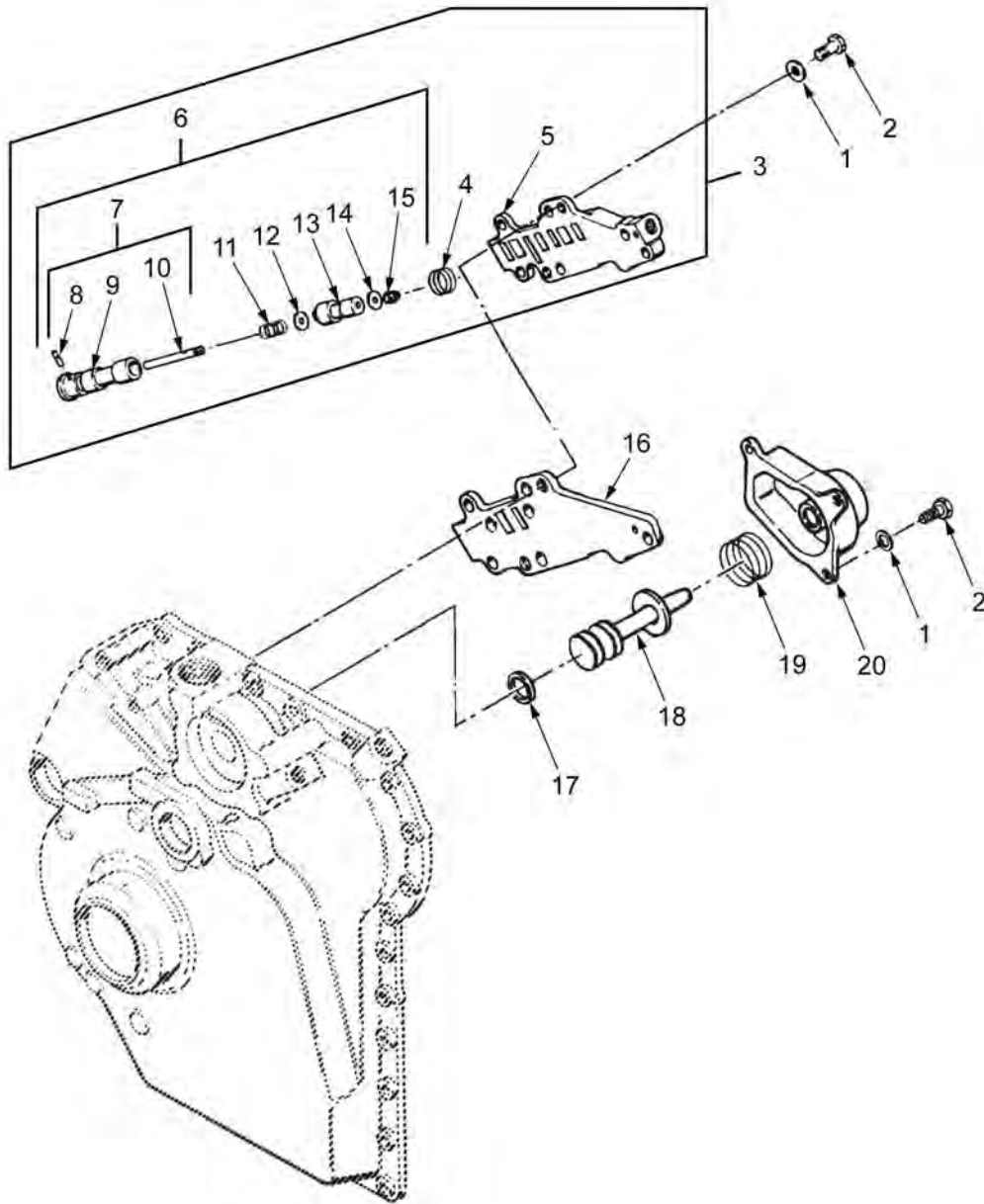


Figure 36. Right Brake Apply Valve Body and Brake Coolant Valve Body.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO.  | DESCRIPTION AND USABLE ON CODE (UOC)   | QTY |
|----------|-------|------------------|-------|-----------|--|-----|
|          |       |                  |       |           | GROUP 0726 BRAKES (SPECIAL)<br>FIGURE 36 Right Brake Apply Valve Body and Brake Coolant Valve Body.  |     |
| 1        | PAHZZ | 5310-01-084-1197 | 19207 | 8356625-2 | WASHER, FLAT .....   | 8   |
| 2        | PAHZZ | 5305-00-125-9966 | 63005 | 9409012   | SCREW, CAP, SOCKET HEAD .....  | 8   |
| 3        | PAHHH | 2530-01-213-1625 | 73342 | 29503140  | VALVE, BRAKE PNEUMATIC.....  | 1   |
| 4        | PAHZZ | 5360-01-216-6995 | 73342 | 23017996  | . SPRING, HELICAL, COMPRESSION ....  | 1   |
| 5        | XAHZZ |                  | 73342 | 29503136  | BODY, BRAKE APPLY REGULATOR.....   | 1   |
| 6        | PAHZZ | 4820-01-372-8138 | 73342 | 29501428  | . VALVE, REGULATING, FLUID<br>PRESSURE .....   | 1   |
| 7        | ADDDD |                  | 73342 | 23017990  | . . VALVE, REGULATING, FLUID<br>PRESSURE .....   | 1   |
| 8        | PADZZ | 5315-01-216-1505 | 24617 | 455141    | . . . PIN, SPRING .....  | 1   |
| 9        | PADZZ | 4810-01-216-6489 | 73342 | 23017991  | . . . VALVE, REGULATING, FLUID<br>PRESSURE .....   | 1   |
| 10       | PADZZ | 5315-01-220-5201 | 73342 | 23017992  | . . . PIN, GROOVED, HEADLESS.....  | 1   |
| 11       | PADZZ | 5360-01-372-3133 | 73342 | 29501219  | . . SPRING, HELICAL, COMPRESSION..   | 1   |
| 12       | PADZZ | 5365-01-215-9831 | 73342 | 23017994  | . . SHIM.....  | V   |
| 13       | PADZZ | 4820-01-214-9042 | 73342 | 23017995  | . . SLIDE, DIRECTIONAL CONTROL .....   | 1   |
| 14       | PADZZ | 5310-01-092-5496 | 24617 | 9422845   | . . WASHER, FLAT .....   | 1   |
| 15       | PADZZ | 5310-00-770-8035 | 19207 | 7708035   | . . NUT, SLEEVE.....   | 1   |
| 16       | PAHZZ | 5340-01-507-8620 | 73342 | 29536577  | PLATE, MENDING .....   | 1   |
|          |       |                  |       |           | (DISCARD BRAKE BODY ASSEMBLY AND REPLACE WITH NEW IF REMOVED. IF NO SEPARATOR PLATE IS PRESENT, DISCARD BRAKE BODY ASSEMBLY. IF PLATE IS PRESENT, BRAKE BODY MAY BE SENT TO OVERHAUL, IF NECESSARY.) |     |
| 17       | PAHZZ | 5330-01-216-5711 | 73342 | 23018234  | RETAINER, PACKING .....  | 1   |
| 18       | PAHZZ | 4820-01-213-8723 | 73342 | 29538237  | DISK, VALVE .....  | 1   |
| 19       | PAHZZ | 5360-01-216-3270 | 73342 | 6836252   | SPRING, HELICAL, COMPRESSION .....   | 1   |
| 20       | PAHZZ | 2520-01-214-9339 | 73342 | 23018155  | BODY, BRAKE COOLANT.....   | 1   |
|          |       |                  |       |           | END OF FIGURE  |     |





SUSTAINMENT MAINTENANCE

REPAIR KITS

Figure 37. Repair Kits

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO. | DESCRIPTION AND USABLE ON CODE (UOC)                 | QTY |
|----------|-------|------------------|-------|----------|--|-----|
|          |       |                  |       |          | GROUP 9401 REPAIR KITS<br>FIGURE 37 Repair Kits      |     |
| 1        | PADZZ | 2520-01-214-7116 | 73342 | 5703228  | PARTS KIT, DRIVING ASSEMBLY .....                    | 6   |
| 2        | PADZZ | 2520-01-214-3846 | 73342 | 5703229  | PARTS KIT, DRIVING ASSEMBLY .....                    | 1   |
| 3        | PADZZ | 3010-01-499-9021 | 73342 | 12371042 | PARTS KIT, TRANSMISSION.....                         | V   |
| 4        | PADZZ | 2520-01-562-7181 | 1YYX2 | 60618980 | PARTS KIT, HYDRAULIC .....                           | 1   |
| 5        | PADZZ | 2520-01-517-8102 | 90166 | 914918   | PARTS KIT, HYDRAULIC .....                           | 1   |
| 6        | PADZZ | 2520-01-214-3847 | 73342 | 5703230  | PARTS KIT, DRIVING ASSEMBLY<br>(CENTER CARRIER)..... | 1   |
| 7        | PADZZ |                  | 73342 | 29545907 | UPDATE KIT, MANDATORY<br>REPLACEMENT .....           | 1   |
|          |       |                  |       |          | END OF FIGURE  |     |



**SUSTAINMENT MAINTENANCE  
BULK ITEMS LIST**

| (1)<br>ITEM<br>NO. | (2)<br>SMR<br>CODE | (3)<br>NSN       | (4)<br>CAGEC | (5)<br>PART<br>NUMBER | (6)<br>DESCRIPTION AND USABLE ON<br>CODE (UOC)   | (7)<br>QTY |
|--------------------|--------------------|------------------|--------------|-----------------------|--|------------|
|                    |                    |                  |              |                       | GROUP 9501 HARDWARE SUPPLIES<br>AND BULK MATERIAL<br>FIG BULK  |            |
| 1                  | PAHZZ              | 6850-00-264-6572 | 81349        | MIL-D-3464            | DESICCANT, ACTIVE BAG; (42 UNITS<br>MADE FROM 3 EACH 16-UNIT PACKS<br>OF CAGE 19207, P/N 8355706)..... | V          |
| 2                  | PAHZZ              | 8010-00-297-0586 | 81348        | TT-E-529              | PAINT, OLIVE DRAB; .....   | V          |
| 3                  | PAHZZ              | 8010-00-297-0584 | 81348        | TT-E-529              | PAINT, WHITE, STENCILING; .....  | V          |
| 4                  | XAHZZ              | 8030-00-850-7076 | 81349        | DOD-P-15328           | PRIMER, ACID COMPONENT; .....  | V          |
| 5                  | PAHZZ              | 8030-00-281-2726 | 81349        | DOD-P-15328           | PRIMER, COATING; .....   | V          |
| 6                  | PAHZZ              | 8010-00-161-7275 | 81348        | TT-P-664              | PRIMER, RED OXIDE; .....   | V          |
| 7                  | XAHZZ              | 8030-00-850-7076 | 81349        | DOD-P-15328           | PRIMER, WASH; (REFERENCE CAGE<br>61196, P/N PR-WASH) .....   | V          |
| 8                  | PAHZZ              | 9525-00-529-9106 | 96906        | MS20995-NC51          | WIRE, LOCK; .....  | V          |
|                    |                    |                  |              |                       | END OF FIGURE  |            |



SUSTAINMENT MAINTENANCE

SPECIAL TOOLS

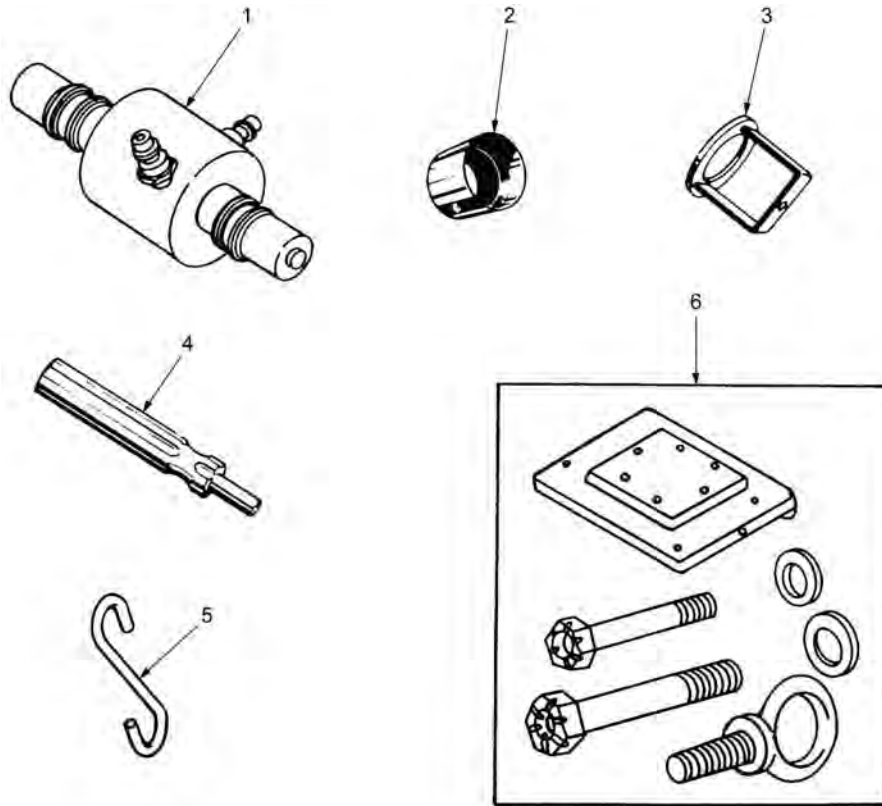


Figure 38. Special Tools.

| ITEM NO. | SMR   | NSN              | CAGEC | PART NO. | DESCRIPTION AND USABLE ON CODE (UOC)                            | QTY |
|----------|-------|------------------|-------|----------|---|-----|
|          |       |                  |       |          | GROUP 2604 SPECIAL TOOLS<br>FIGURE 38 Special Tools.            |     |
| 1        | PEHZZ | 2520-01-242-6797 | 19207 | 11650178 | FIXTURE ASSEMBLY, LEAK TEST .....<br>(QTY PER SET 1)            | 1   |
| 2        | PEHZZ | 4910-01-178-6551 | 25341 | J-21362  | PROTECTOR, INNER SEAL, CLUTCH ...<br>(QTY PER SET 1)            | 1   |
| 3        | XDHZZ | 5120-01-176-3890 | 33287 | J-23616  | COMPRESSOR, CLUTCH SPRING.....<br>(QTY PER SET 1)               | 1   |
| 4        | PEHZZ | 5120-01-054-4050 | 33287 | J-24453  | INSTALLER, LOCK RING.....<br>(QTY PER SET 1)                    | 1   |
| 5        | PEHZZ | 4030-01-178-7310 | 19207 | 11650102 | HOOK, CHAIN, S.....<br>(QTY PER SET 2)                          | 2   |
| 6        | PEHZZ | 5342-01-242-6798 | 19207 | 11650180 | ADAPTER KIT, CONTAINER.....<br>(QTY PER SET 1)<br>END OF FIGURE | 1   |

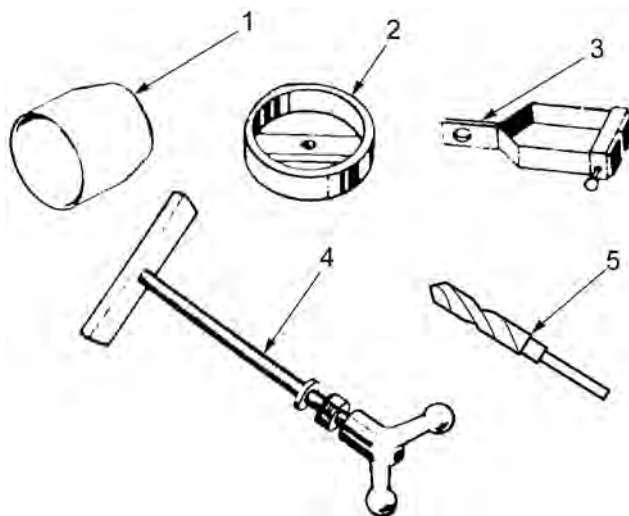


Figure 39. Special Tools.

| ITEM NO.   | SMR   | NSN              | CAGEC | PART NO.  | DESCRIPTION AND USABLE ON CODE (UOC)          | QTY |
|--|-------|------------------|-------|-----------|---|-----|
| GROUP 2604 SPECIAL TOOLS<br>FIGURE 39 Special Tools. |       |                  |       |           |   |     |
| 1  | PEHZZ | 5120-01-096-3493 | 19207 | 12268021  | INSERTER AND REMOVER, SEAL.....               | 1   |
|  |       |                  |       |           | (QTY PER SET 1)                               |     |
| 2  | PEHZZ | 5120-01-054-7221 | 33287 | J-24452   | COMPRESSOR, CLUTCH SPRING.....                | 1   |
|  |       |                  |       |           | (QTY PER SET 1)                               |     |
| 3  | PEHZZ | 5120-01-054-4056 | 33287 | J-24473   | LIFTER, PUMP SUPPORT.....                     | 1   |
|  |       |                  |       |           | (QTY PER SET 1)                               |     |
| 4  | XDHZZ | 5120-01-048-2158 | 33287 | J-24204-2 | BAR AND STUD ASSEMBLY.....                    | 1   |
|  |       |                  |       |           | (QTY PER SET 1)                               |     |
| 5  | XDHZZ | —                | 1U3E8 | DW1625    | DRILL BIT, TWIST, 3/8" SHANK, 3/4" DRILL..... | 1   |
|  |       |                  |       |           | (QTY PER SET 1)                               |     |
| 6  | XDHZZ | 3950-01-170-6276 | 08722 | 00104     | HOIST, LIFTING, 1-TON CAPACITY.....           | 1   |
|  |       |                  |       |           | (QTY PER SET 1) (NOT ILLUSTRATED)             |     |
|  |       |                  |       |           | END OF FIGURE                                 |     |

**SUSTAINMENT MAINTENANCE**  
**NATIONAL STOCK NUMBER INDEX**

| STOCK NUMBER     | FIG. | ITEM | STOCK NUMBER     | FIG. | ITEM |
|------------------|------|------|------------------|------|------|
| 5305-00-001-5017 | 30   | 39   | 2520-00-172-1951 | 17   | 38   |
| 5330-00-003-0887 | 30   | 15   | 5360-00-200-6365 | 12   | 11   |
| 3120-00-005-5880 | 18   | 4    | 5305-00-206-1533 | 34   | 19   |
| 5325-00-007-2969 | 17   | 24   |                  | 35   | 35   |
|                  | 18   | 1    | 2520-00-211-9468 | 17   | 50   |
|                  | 18   | 14   |                  | 18   | 20   |
| 2520-00-008-9987 | 18   | 37   | 5310-00-274-8041 | 11   | 16   |
| 5315-00-014-1105 | 25   | 14   |                  | 12   | 29   |
| 5315-00-014-1195 | 12   | 3    |                  | 12   | 31   |
|                  | 24   | 9    |                  | 13   | 16   |
|                  | 25   | 13   |                  | 19   | 5    |
| 5315-00-014-1240 | 12   | 7    |                  | 24   | 19   |
| 5315-00-014-1262 | 11   | 27   | 3110-00-277-0559 | 11   | 24   |
| 5315-00-014-1275 | 34   | 18   |                  | 15   | 27   |
|                  | 35   | 43   |                  | 34   | 16   |
| 5315-00-044-3767 | 11   | 25   |                  | 35   | 46   |
| 5360-00-044-3945 | 12   | 21   | 5325-00-282-7017 | 7    | 6    |
| 4730-00-050-0730 | 15   | 28   | 5325-00-290-4518 | 11   | 32   |
| 5305-00-051-4078 | 7    | 5    | 5305-00-400-5542 | 20   | 17   |
| 5315-00-058-6111 | 15   | 20   | 5310-00-402-5220 | 24   | 2    |
| 5325-00-079-2212 | 15   | 5    |                  | 25   | 34   |
| 5325-00-080-9091 | 30   | 23   | 3110-00-427-6591 | 12   | 34   |
| 5310-00-088-0553 | 7    | 23   | 5315-00-480-4453 | 11   | 18   |
| 3120-00-104-0635 | 33   | 5    | 3110-00-488-3879 | 12   | 37   |
| 5340-00-104-9823 | 32   | 22   | 5325-00-498-2864 | 31   | 4    |
| 5821-00-111-8054 | 30   | 27   |                  | 33   | 24   |
| 5305-00-125-9966 | 34   | 5    | 5306-00-543-5696 | 25   | 39   |
|                  | 35   | 59   | 3110-00-554-3248 | 31   | 5    |
|                  | 36   | 2    |                  | 33   | 25   |
| 3110-00-138-6426 | 12   | 51   | 3110-00-554-3647 | 32   | 18   |
| 3110-00-144-8571 | 34   | 62   | 5325-00-557-5794 | 17   | 10   |
| 5365-00-152-0311 | 31   | 25   | 5325-00-557-5835 | 17   | 29   |
|                  | 33   | 8    | 5310-00-562-3932 | 31   | 17   |
| 5330-00-152-3049 | 32   | 2    | 5331-00-580-4394 | 30   | 28   |
| 5331-00-165-1943 | 4    | 1    | 5306-00-589-8167 | 20   | 9    |
| 5331-00-167-5110 | 4    | 12   | 3110-00-592-9967 | 14   | 14   |
| 5310-00-168-6412 | 21   | 8    |                  | 35   | 1    |
| 5360-00-169-8367 | 32   | 3    | 5365-00-610-6325 | 32   | 16   |
| 5306-00-169-8389 | 33   | 13   | 5330-00-631-8125 | 7    | 19   |
| 2520-00-172-1947 | 16   | 4    | 5305-00-638-2362 | 24   | 17   |
|                  | 18   | 35   |                  | 30   | 9    |

| STOCK NUMBER     | FIG. | ITEM | STOCK NUMBER     | FIG. | ITEM |
|------------------|------|------|------------------|------|------|
| 2520-00-679-6972 | 7    | 20   |                  | 25   | 7    |
| 2520-00-679-6974 | 9    | 5    | 5330-00-904-8110 | 10   | 4    |
| 3120-00-679-7068 | 9    | 7    | 5360-00-909-0313 | 31   | 23   |
| 5342-00-679-9787 | 3    | 8    |                  | 33   | 10   |
| 3110-00-684-5541 | 17   | 26   | 5310-00-913-3356 | 3    | 22   |
| 5315-00-687-5218 | 24   | 3    |                  | 6    | 9    |
|                  | 25   | 32   | 3110-00-913-8113 | 15   | 17   |
| 3110-00-690-8987 | 33   | 21   | 5315-00-926-5866 | 32   | 19   |
| 5325-00-720-8064 | 34   | 48   | 5310-00-935-9041 | 31   | 24   |
|                  | 35   | 30   |                  | 33   | 9    |
| 3040-00-733-4742 | 7    | 8    | 3110-00-939-6843 | 7    | 14   |
| 2520-00-736-0268 | 7    | 10   | 5306-00-940-9011 | 31   | 2    |
| 5360-00-736-0271 | 7    | 12   | 5306-00-940-9028 | 11   | 6    |
| 2520-00-767-5417 | 9    | 2    |                  | 15   | 22   |
| 3110-00-770-6097 | 24   | 7    |                  | 34   | 55   |
|                  | 24   | 13   |                  | 35   | 10   |
| 5325-00-770-7326 | 34   | 7    | 5306-00-940-9062 | 21   | 37   |
| 3110-00-770-7842 | 7    | 11   |                  | 22   | 25   |
| 5310-00-770-8035 | 36   | 15   | 5306-00-944-6812 | 20   | 23   |
| 5310-00-776-7670 | 11   | 2    |                  | 30   | 38   |
|                  | 34   | 56   | 4820-01-006-9636 | 21   | 16   |
|                  | 35   | 9    |                  | 22   | 53   |
| 3110-00-788-1406 | 17   | 25   | 5306-01-017-9962 | 31   | 18   |
| 3110-00-789-1842 | 12   | 23   | 5325-01-028-8203 | 9    | 1    |
| 5365-00-792-0809 | 32   | 1    | 5306-01-045-6594 | 22   | 3    |
| 4730-00-808-6814 | 11   | 21   | 4730-01-048-9371 | 12   | 5    |
|                  | 12   | 8    | 5310-01-057-3111 | 2    | 2    |
|                  | 15   | 26   |                  | 5    | 3    |
|                  | 35   | 47   |                  | 6    | 5    |
| 5305-00-813-4495 | 32   | 26   | 5305-01-057-4264 | 3    | 23   |
| 5315-00-819-6282 | 31   | 28   |                  | 6    | 10   |
|                  | 33   | 4    |                  | 24   | 20   |
| 5331-00-821-4490 | 9    | 3    |                  | 33   | 29   |
| 5706-00-822-2118 | 12   | 16   | 5305-01-058-4612 | 13   | 11   |
|                  | 20   | 27   | 2520-01-064-8849 | 17   | 9    |
| 5325-00-838-8049 | 18   | 6    | 5360-01-079-3097 | 17   | 8    |
| 3110-00-839-9149 | 7    | 15   | 2520-01-079-6700 | 17   | 7    |
| 3120-00-841-0271 | 7    | 9    | 5970-01-080-3153 | 20   | 38   |
| 5306-00-843-6398 | 12   | 45   |                  | 21   | 34   |
|                  | 34   | 1    |                  | 22   | 7    |
|                  | 35   | 58   | 5330-01-080-3253 | 21   | 7    |
| 5305-00-889-2998 | 20   | 35   | 5940-01-082-6615 | 20   | 37   |
| 5306-00-896-7228 | 35   | 53   |                  | 21   | 33   |
| 3110-00-902-1657 | 12   | 4    |                  | 22   | 8    |



| STOCK NUMBER     | FIG. | ITEM | STOCK NUMBER     | FIG. | ITEM |
|------------------|------|------|------------------|------|------|
| 5360-01-083-0004 | 21   | 15   |                  | 25   | 2    |
| 5330-01-083-3065 | 17   | 5    |                  | 35   | 55   |
| 5360-01-083-5500 | 22   | 43   | 5945-01-132-4189 | 21   | 32   |
| 5306-01-083-6443 | 11   | 1    |                  | 22   | 6    |
|                  | 12   | 30   | 5305-01-135-5869 | 33   | 7    |
|                  | 12   | 32   | 5310-01-143-0542 | 17   | 51   |
|                  | 13   | 17   |                  | 18   | 21   |
| 5306-01-083-6443 | 31   | 21   | 5330-01-145-0697 | 18   | 17   |
| 5310-01-084-1197 | 12   | 15   | 2520-01-146-1034 | 17   | 6    |
|                  | 13   | 2    | 5306-01-147-1202 | 21   | 3    |
|                  | 20   | 24   |                  | 22   | 4    |
|                  | 21   | 1    |                  | 25   | 35   |
|                  | 22   | 1    | 2520-01-160-5655 | 17   | 48   |
|                  | 23   | 8    |                  | 18   | 18   |
|                  | 24   | 15   | 5310-01-162-7707 | 18   | 22   |
|                  | 24   | 18   | 5306-01-164-7448 | 21   | 2    |
|                  | 25   | 3    |                  | 23   | 9    |
|                  | 25   | 36   |                  | 30   | 37   |
|                  | 34   | 6    | 5325-01-171-3392 | 16   | 7    |
|                  | 35   | 54   |                  | 18   | 34   |
|                  | 36   | 1    | 2520-01-185-0146 | 17   | 47   |
| 5306-01-085-3876 | 19   | 6    |                  | 18   | 16   |
| 5310-01-092-5495 | 12   | 44   | 5306-01-186-8893 | 14   | 22   |
|                  | 34   | 2    | 2520-01-198-0495 | 24   | 1    |
|                  | 35   | 52   | 4320-01-198-0496 | 24   | 12   |
| 5310-01-092-5496 | 14   | 6    | 4320-01-198-0497 | 24   | 5    |
|                  | 20   | 21   | 2520-01-198-0498 | 13   | 10   |
|                  | 21   | 36   | 4810-01-198-0504 | 21   | 4    |
|                  | 22   | 11   | 3040-01-198-0506 | 16   | 13   |
|                  | 34   | 4    | 3020-01-198-0689 | 17   | 35   |
|                  | 35   | 56   | 3020-01-198-0690 | 34   | 35   |
|                  | 36   | 14   |                  | 35   | 26   |
| 5315-01-093-0059 | 15   | 30   | 3040-01-198-0713 | 11   | 17   |
| 5315-01-095-3110 | 8    | 5    | 2520-01-203-9885 | 12   | 12   |
|                  | 20   | 6    | 4820-01-204-9941 | 22   | 56   |
| 5310-01-097-7957 | 30   | 16   | 4820-01-204-9942 | 22   | 19   |
| 5310-01-097-7994 | 30   | 2    | 4820-01-205-0034 | 22   | 54   |
| 5310-01-102-3270 | 20   | 7    | 4820-01-205-0035 | 23   | 3    |
|                  | 20   | 18   | 5315-01-205-5572 | 25   | 16   |
| 3040-01-108-7761 | 18   | 9    | 5340-01-207-3481 | 21   | 28   |
|                  | 34   | 46   | 5315-01-211-6485 | 18   | 39   |
| 5310-01-112-7932 | 15   | 11   | 4820-01-213-0035 | 34   | 15   |
| 5340-01-119-6062 | 32   | 12   | 2530-01-213-1625 | 36   | 3    |
| 5305-01-126-4076 | 24   | 16   | 2530-01-213-1626 | 35   | 42   |

| STOCK NUMBER     | FIG. | ITEM | STOCK NUMBER     | FIG. | ITEM |
|------------------|------|------|------------------|------|------|
| 4730-01-213-7794 | 19   | 7    |                  | 35   | 19   |
| 4820-01-213-7959 | 20   | 33   | 3040-01-214-3860 | 17   | 30   |
| 5340-01-213-8017 | 20   | 31   | 3040-01-214-3861 | 17   | 45   |
| 4820-01-213-8023 | 25   | 17   |                  | 18   | 15   |
| 4730-01-213-8030 | 10   | 3    | 2520-01-214-3863 | 34   | 39   |
|                  | 15   | 25   |                  | 35   | 24   |
| 4730-01-213-8049 | 22   | 40   | 3040-01-214-3864 | 34   | 26   |
| 4730-01-213-8051 | 22   | 26   |                  | 35   | 41   |
| 4820-01-213-8098 | 22   | 27   | 2520-01-214-3865 | 34   | 32   |
| 2520-01-213-8599 | 21   | 19   |                  | 35   | 33   |
| 4820-01-213-8723 | 36   | 18   | 2520-01-214-3866 | 15   | 10   |
| 5330-01-214-1479 | 18   | 23   |                  | 34   | 22   |
| 4730-01-214-1502 | 14   | 3    | 2520-01-214-3867 | 15   | 9    |
| 2520-01-214-1558 | 12   | 19   |                  | 34   | 21   |
| 2520-01-214-1559 | 12   | 17   | 4730-01-214-3868 | 22   | 41   |
| 4730-01-214-1560 | 11   | 19   | 4820-01-214-3869 | 20   | 10   |
| 2590-01-214-1563 | 22   | 18   | 3040-01-214-3915 | 25   | 31   |
| 3040-01-214-1604 | 34   | 24   | 3040-01-214-3916 | 25   | 30   |
| 3040-01-214-1605 | 15   | 7    | 3020-01-214-3935 | 25   | 11   |
| 3040-01-214-1606 | 34   | 10   | 2520-01-214-3944 | 18   | 40   |
| 4820-01-214-1614 | 25   | 28   | 4810-01-214-4014 | 22   | 39   |
| 4820-01-214-1615 | 22   | 32   | 4810-01-214-4015 | 20   | 1    |
| 4730-01-214-2366 | 35   | 48   | 2520-01-214-4317 | 19   | 1    |
| 4730-01-214-2369 | 14   | 12   | 2520-01-214-4318 | 25   | 29   |
| 4730-01-214-3112 | 13   | 5    | 4820-01-214-4408 | 22   | 49   |
| 2520-01-214-3150 | 22   | 14   | 4820-01-214-4409 | 22   | 44   |
| 2520-01-214-3154 | 20   | 4    | 4820-01-214-4410 | 22   | 34   |
| 3040-01-214-3155 | 20   | 19   | 2520-01-214-5763 | 15   | 24   |
| 2520-01-214-3157 | 3    | 19   | 5995-01-214-5783 | 20   | 36   |
| 3040-01-214-3175 | 13   | 15   | 3020-01-214-5787 | 13   | 19   |
| 3040-01-214-3176 | 24   | 10   | 3040-01-214-5792 | 34   | 58   |
| 3040-01-214-3184 | 8    | 8    |                  | 35   | 8    |
| 4820-01-214-3190 | 23   | 2    | 2520-01-214-5793 | 7    | 16   |
| 4820-01-214-3193 | 20   | 20   | 4710-01-214-6839 | 3    | 12   |
| 2520-01-214-3238 | 17   | 20   | 2520-01-214-7166 | 25   | 26   |
|                  | 18   | 2    | 4730-01-214-7329 | 25   | 24   |
| 2520-01-214-3239 | 17   | 21   | 3020-01-214-7352 | 24   | 4    |
|                  | 18   | 3    | 3020-01-214-7354 | 11   | 13   |
| 4710-01-214-3241 | 11   | 4    | 4820-01-214-9042 | 36   | 13   |
| 3040-01-214-3841 | 34   | 61   | 3040-01-214-9300 | 15   | 1    |
| 3020-01-214-3845 | 12   | 33   | 2520-01-214-9334 | 20   | 26   |
| 2520-01-214-3854 | 7    | 17   | 2520-01-214-9336 | 22   | 12   |
| 2520-01-214-3855 | 13   | 14   | 2520-01-214-9339 | 36   | 20   |
| 2520-01-214-3857 | 34   | 45   | 2520-01-214-9340 | 3    | 18   |

| STOCK NUMBER     | FIG. | ITEM | STOCK NUMBER     | FIG. | ITEM |
|------------------|------|------|------------------|------|------|
| 2520-01-214-9341 | 3    | 21   |                  | 22   | 13   |
| 2520-01-214-9385 | 34   | 50   | 5360-01-216-0828 | 22   | 30   |
| 2520-01-214-9385 | 35   | 14   | 5360-01-216-0829 | 20   | 3    |
| 4820-01-214-9388 | 22   | 37   | 5360-01-216-0831 | 25   | 21   |
| 4820-01-214-9389 | 22   | 31   | 4710-01-216-1159 | 14   | 21   |
| 4730-01-214-9392 | 3    | 13   | 5306-01-216-1322 | 21   | 35   |
| 3020-01-214-9394 | 17   | 32   |                  | 22   | 23   |
| 3020-01-214-9396 | 24   | 11   | 5306-01-216-1334 | 22   | 10   |
| 3020-01-214-9400 | 35   | 5    |                  | 12   | 52   |
| 2520-01-214-9408 | 34   | 49   | 5310-01-216-1366 | 34   | 8    |
|                  | 35   | 29   | 5310-01-216-1369 | 15   | 4    |
| 2520-01-214-9417 | 16   | 5    | 5310-01-216-1370 | 15   | 14   |
| 4820-01-214-9429 | 25   | 18   | 3120-01-216-1423 | 16   | 14   |
| 3020-01-215-3344 | 11   | 11   |                  | 17   | 36   |
| 3020-01-215-3345 | 34   | 54   |                  | 18   | 28   |
| 4730-01-215-4323 | 22   | 45   |                  | 34   | 36   |
| 5365-01-215-7400 | 25   | 19   |                  | 35   | 28   |
| 5315-01-215-7506 | 34   | 59   | 3120-01-216-1439 | 34   | 53   |
|                  | 35   | 7    |                  | 35   | 6    |
| 5315-01-215-7507 | 34   | 12   | 3120-01-216-1440 | 34   | 38   |
| 5315-01-215-7510 | 15   | 8    |                  | 35   | 25   |
| 5315-00-215-7511 | 15   | 3    | 5315-01-216-1504 | 21   | 6    |
|                  | 34   | 23   | 5315-01-216-1505 | 36   | 8    |
| 5315-01-215-7512 | 13   | 13   | 5325-01-216-1705 | 34   | 13   |
| 5315-01-215-7513 | 8    | 6    | 5325-01-216-1737 | 11   | 29   |
| 5315-01-215-7514 | 11   | 26   |                  | 14   | 11   |
|                  | 15   | 31   |                  | 15   | 33   |
|                  | 34   | 17   | 5365-01-216-2824 | 12   | 24   |
|                  | 35   | 49   | 5365-01-216-2825 | 12   | 25   |
| 5315-01-215-7515 | 19   | 2    | 5365-01-216-2826 | 12   | 26   |
| 5360-01-215-7688 | 22   | 35   | 3120-01-216-2869 | 11   | 23   |
| 5360-01-215-7689 | 23   | 5    | 5360-01-216-3265 | 3    | 20   |
| 5360-01-215-7690 | 23   | 1    |                  | 12   | 18   |
| 3020-01-215-8825 | 25   | 33   | 5360-01-216-3266 | 12   | 10   |
| 3020-01-215-8826 | 34   | 63   | 5360-01-216-3267 | 17   | 49   |
| 5306-01-215-9129 | 20   | 22   |                  | 18   | 19   |
| 5330-01-215-9503 | 34   | 29   | 5360-01-216-3269 | 34   | 57   |
|                  | 35   | 38   |                  | 35   | 11   |
| 5325-01-215-9687 | 34   | 30   | 5360-01-216-3270 | 36   | 19   |
|                  | 35   | 37   | 5360-01-216-3271 | 15   | 6    |
| 3120-01-215-9776 | 7    | 13   | 5340-01-216-3299 | 34   | 20   |
| 5365-01-215-9831 | 36   | 12   |                  | 35   | 34   |
| 5360-01-215-9935 | 34   | 9    | 3110-01-216-3718 | 20   | 28   |
| 5306-01-216-0230 | 20   | 8    | 3120-01-216-3726 | 25   | 20   |

| STOCK NUMBER     | FIG. | ITEM | STOCK NUMBER     | FIG. | ITEM |
|------------------|------|------|------------------|------|------|
| 5340-01-216-3810 | 20   | 2    | 2520-01-216-7648 | 16   | 2    |
| 5330-01-216-4005 | 8    | 3    | 5360-01-216-8210 | 22   | 55   |
| 5330-01-216-4006 | 14   | 5    | 3120-01-216-8283 | 4    | 2    |
| 5330-01-216-4013 | 22   | 46   |                  | 16   | 6    |
| 5330-01-216-4014 | 22   | 22   |                  | 17   | 33   |
| 5330-01-216-4015 | 2    | 4    | 5340-01-216-8479 | 8    | 2    |
| 3110-01-216-4031 | 3    | 10   | 2520-01-216-8564 | 20   | 29   |
|                  | 11   | 8    | 2520-01-216-8565 | 14   | 4    |
| 3110-01-216-4032 | 34   | 60   | 2520-01-216-8566 | 4    | 6    |
|                  | 35   | 4    | 5306-01-216-9849 | 21   | 31   |
| 3110-01-216-4033 | 11   | 14   |                  | 22   | 24   |
|                  | 15   | 15   | 5365-01-217-0856 | 11   | 20   |
| 3110-01-216-4086 | 12   | 35   | 5365-01-217-0857 | 15   | 12   |
| 5360-01-216-4462 | 21   | 17   | 5360-01-217-1017 | 8    | 7    |
| 5360-01-216-4463 | 21   | 24   | 5325-01-217-1021 | 7    | 18   |
| 5330-01-216-5698 | 8    | 10   |                  | 12   | 36   |
| 5331-01-216-5702 | 12   | 42   | 5325-01-217-1022 | 16   | 1    |
| 5331-01-216-5703 | 13   | 7    |                  | 18   | 38   |
| 5331-01-216-5704 | 11   | 5    | 3040-01-217-1122 | 35   | 3    |
| 5331-01-216-5705 | 11   | 3    | 5325-01-217-2069 | 14   | 15   |
| 5330-01-216-5711 | 3    | 17   |                  | 35   | 2    |
|                  | 14   | 17   | 5340-01-217-2162 | 20   | 14   |
|                  | 36   | 17   |                  | 20   | 16   |
| 3110-01-216-5737 | 3    | 3    | 5330-01-217-2201 | 6    | 2    |
| 5365-01-216-5750 | 10   | 1    | 5330-01-217-2202 | 22   | 16   |
|                  | 15   | 29   | 5365-01-217-2208 | 12   | 38   |
|                  | 35   | 45   | 5365-01-217-2209 | 12   | 39   |
| 5360-01-216-5972 | 22   | 48   | 5365-01-217-2210 | 12   | 40   |
| 4810-01-216-6489 | 36   | 9    | 3110-01-217-2235 | 3    | 1    |
| 4710-01-216-6623 | 3    | 25   |                  | 4    | 5    |
| 4710-01-216-6624 | 3    | 15   | 3120-01-217-2250 | 15   | 19   |
| 4710-01-216-6625 | 3    | 6    | 3110-01-217-2262 | 7    | 3    |
| 5330-01-216-6765 | 13   | 9    | 5315-01-217-2270 | 12   | 20   |
| 5340-01-216-6785 | 13   | 3    | 3130-01-217-2284 | 14   | 13   |
| 5410-01-216-6786 | 13   | 8    |                  | 15   | 23   |
| 5360-01-216-6995 | 36   | 4    | 5325-01-217-2303 | 34   | 47   |
| 5360-01-216-7059 | 22   | 52   |                  | 35   | 16   |
| 5306-01-216-7364 | 20   | 25   | 5340-01-217-2305 | 7    | 4    |
|                  | 22   | 9    | 5306-01-217-2909 | 8    | 13   |
| 5306-01-216-7365 | 22   | 17   | 5365-01-217-2966 | 12   | 47   |
| 5330-01-216-7424 | 34   | 52   | 5365-01-217-2967 | 12   | 48   |
|                  | 35   | 12   | 5365-01-217-2968 | 12   | 49   |
| 3020-01-216-7604 | 4    | 10   | 5315-01-217-3032 | 34   | 25   |
| 5340-01-216-7640 | 14   | 1    |                  | 35   | 13   |

| STOCK NUMBER     | FIG. | ITEM | STOCK NUMBER     | FIG. | ITEM |
|------------------|------|------|------------------|------|------|
| 5325-01-217-3072 | 18   | 1    | 3110-01-221-3077 | 15   | 13   |
| 5325-01-217-3075 | 13   | 22   | 4730-01-221-7138 | 11   | 22   |
| 5325-01-217-3076 | 17   | 34   |                  | 14   | 2    |
| 5325-01-217-3077 | 11   | 10   | 5330-01-221-9177 | 14   | 20   |
| 5305-01-217-4004 | 4    | 7    |                  | 35   | 51   |
| 5330-01-217-4041 | 8    | 1    | 3040-01-222-0265 | 12   | 53   |
| 5330-01-217-4043 | 22   | 57   | 3110-01-222-3354 | 12   | 43   |
| 5330-01-217-4047 | 12   | 46   | 5360-01-231-0481 | 25   | 27   |
| 5330-01-217-4048 | 34   | 27   | 5365-01-231-9152 | 15   | 35   |
|                  | 35   | 40   | 2520-01-235-9590 | 9    | 6    |
| 5365-01-217-4051 | 13   | 12   | 2520-01-235-9597 | 31   | 26   |
| 5365-01-217-4052 | 13   | 21   | 2520-01-235-9598 | 30   | 8    |
| 5365-01-217-4079 | 12   | 9    | 2520-01-235-9599 | 30   | 13   |
|                  | 23   | 6    | 2520-01-235-9600 | 18   | 7    |
| 5340-01-217-4179 | 21   | 23   | 3040-01-235-9644 | 31   | 6    |
| 5325-01-217-4262 | 17   | 27   | 3110-01-237-2758 | 20   | 32   |
| 5325-01-217-4263 | 18   | 1    | 2520-01-237-2872 | 16   | 3    |
| 5325-01-217-4264 | 18   | 41   |                  | 18   | 36   |
| 5365-01-217-4661 | 22   | 29   | 5331-01-237-2967 | 34   | 34   |
| 5325-01-217-5032 | 17   | 4    |                  | 35   | 32   |
| 5325-01-217-5074 | 11   | 30   | 5330-01-238-4613 | 13   | 18   |
| 5306-01-217-6970 | 14   | 7    | 5330-01-238-5879 | 34   | 33   |
| 5330-01-217-7013 | 6    | 3    |                  | 35   | 31   |
| 5330-01-217-7014 | 21   | 27   | 4730-01-238-6996 | 4    | 13   |
| 5360-01-218-0793 | 21   | 21   | 4320-01-238-7053 | 32   | 25   |
|                  | 22   | 28   | 4710-01-238-7100 | 13   | 4    |
| 5325-01-218-0796 | 18   | 1    | 5340-01-238-8759 | 22   | 47   |
| 5330-01-218-1565 | 34   | 28   | 2520-01-238-8767 | 30   | 29   |
|                  | 35   | 39   | 3040-01-238-8773 | 31   | 1    |
| 3110-01-218-1566 | 12   | 28   | 4710-01-238-8783 | 30   | 25   |
| 3110-01-218-3395 | 11   | 7    | 2520-01-238-8784 | 32   | 9    |
| 5330-01-218-7143 | 20   | 40   | 2520-01-238-8826 | 30   | 4    |
| 5331-01-219-2545 | 3    | 24   | 2990-01-238-8831 | 30   | 32   |
| 5331-01-219-2546 | 3    | 14   | 4810-01-238-9855 | 32   | 8    |
| 5331-01-219-2547 | 3    | 5    | 4710-01-239-2199 | 25   | 38   |
| 5331-01-219-2548 | 3    | 7    | 3040-01-240-3080 | 30   | 11   |
| 2520-01-220-0119 | 3    | 16   | 5310-01-241-2675 | 30   | 31   |
| 5315-01-220-5201 | 36   | 10   | 5310-01-241-2676 | 30   | 35   |
| 2520-01-220-6737 | 8    | 4    | 5310-01-241-2677 | 31   | 31   |
| 4730-01-220-9163 | 4    | 14   | 5310-01-241-2687 | 30   | 34   |
| 5342-01-220-9246 | 20   | 12   | 3120-01-241-2851 | 30   | 5    |
|                  | 20   | 15   | 3110-01-241-2943 | 31   | 3    |
|                  | 21   | 29   | 5360-01-241-3246 | 30   | 20   |
|                  | 22   | 21   | 5360-01-241-3247 | 32   | 23   |

| STOCK NUMBER     | FIG. | ITEM | STOCK NUMBER     | FIG. | ITEM |
|------------------|------|------|------------------|------|------|
| 5360-01-241-3264 | 30   | 6    | 5315-01-258-1497 | 31   | 7    |
| 5325-01-241-3265 | 25   | 9    | 5331-01-258-9151 | 21   | 11   |
| 5340-01-241-4282 | 30   | 24   | 5365-01-259-9642 | 25   | 8    |
| 3040-01-241-4695 | 33   | 23   | 4820-01-261-1692 | 22   | 33   |
| 5307-01-241-5171 | 33   | 3    | 2520-01-261-1715 | 7    | 21   |
| 5307-01-241-5172 | 30   | 26   | 2520-01-261-4017 | 22   | 15   |
| 5307-01-241-5173 | 30   | 19   | 5306-01-263-2018 | 22   | 2    |
| 3040-01-241-5567 | 33   | 6    |                  | 25   | 4    |
| 2520-01-241-5636 | 31   | 22   | 5360-01-265-6742 | 22   | 35   |
|                  | 33   | 11   | 5330-01-266-3312 | 14   | 18   |
| 3040-01-241-6851 | 31   | 19   | 5365-01-269-2676 | 32   | 21   |
|                  | 33   | 12   | 3110-01-269-6368 | 4    | 9    |
| 5365-01-242-0827 | 33   | 16   | 5365-01-272-1258 | 12   | 27   |
| 5385-01-242-0828 | 31   | 14   | 5365-01-272-3346 | 22   | 29   |
| 5340-01-242-2796 | 30   | 33   | 5365-01-272-7479 | 12   | 41   |
| 5340-01-242-7146 | 30   | 21   | 5365-01-273-2320 | 22   | 29   |
| 5325-01-243-5289 | 30   | 12   | 3110-01-273-2329 | 13   | 20   |
| 5340-01-244-1473 | 30   | 17   | 5306-01-274-6483 | 34   | 3    |
| 5315-01-245-3673 | 30   | 18   |                  | 35   | 57   |
| 5940-01-246-2086 | 20   | 39   | 3110-01-277-2400 | 25   | 10   |
| 2520-01-246-2952 | 34   | 51   | 5310-01-280-5798 | 31   | 20   |
|                  | 35   | 15   |                  | 33   | 28   |
| 5310-01-246-5785 | 30   | 30   | 5330-01-280-5809 | 17   | 46   |
| 2520-01-246-6418 | 30   | 22   | 3040-01-286-0318 | 6    | 7    |
| 5365-01-247-6952 | 31   | 11   | 5330-01-286-5468 | 14   | 19   |
|                  | 32   | 29   | 5330-01-287-5798 | 6    | 4    |
| 5315-01-247-6955 | 32   | 6    | 5325-01-291-2181 | 11   | 33   |
| 5310-01-247-8212 | 30   | 7    |                  | 14   | 9    |
| 5360-01-248-1587 | 16   | 9    | 5360-01-291-5626 | 25   | 27   |
|                  | 18   | 32   | 5310-01-329-8189 | 32   | 27   |
| 5360-01-249-0611 | 32   | 7    | 5315-01-371-8568 | 31   | 10   |
| 5330-01-250-0651 | 32   | 17   |                  | 33   | 20   |
| 2520-01-250-1909 | 16   | 10   | 5360-01-371-9313 | 21   | 17   |
|                  | 18   | 31   | 5360-01-371-9314 | 21   | 25   |
| 5330-01-251-1931 | 20   | 34   | 5360-01-372-3133 | 36   | 11   |
| 2520-01-251-5490 | 25   | 1    | 5340-01-372-3558 | 31   | 16   |
| 2520-01-251-5491 | 25   | 5    |                  | 33   | 14   |
| 5310-01-253-5930 | 30   | 3    | 3040-01-372-5309 | 33   | 19   |
|                  | 30   | 36   | 4320-01-372-7368 | 31   | 12   |
| 5340-01-254-6471 | 16   | 8    |                  | 33   | 18   |
|                  | 18   | 33   | 4820-01-372-8138 | 36   | 6    |
| 2520-01-255-3350 | 33   | 1    | 4730-01-375-7411 | 32   | 10   |
| 5331-01-256-6894 | 32   | 20   | 4320-01-375-8130 | 33   | 27   |
| 2520-01-257-3881 | 22   | 5    | 5340-01-376-4633 | 32   | 4    |

| STOCK NUMBER     | FIG. | ITEM | STOCK NUMBER     | FIG. | ITEM |
|------------------|------|------|------------------|------|------|
| 4320-01-376-5651 | 11   | 12   | 2530-01-509-3966 | 30   | 10   |
| 2530-01-389-7353 | 34   | 11   | 5330-01-509-4404 | 16   | 11   |
| 3020-01-389-7784 | 18   | 5    |                  | 18   | 29   |
| 2520-01-397-1074 | 1    | 1    | 3020-01-509-4776 | 17   | 28   |
| 5330-01-406-7801 | 5    | 1    | 3020-01-509-4819 | 4    | 11   |
| 3020-01-420-8039 | 15   | 16   | 3020-01-509-4924 | 4    | 4    |
| 3020-01-421-0129 | 3    | 11   | 5360-01-509-6038 | 22   | 38   |
| 3020-01-422-1971 | 11   | 15   | 3040-01-510-1417 | 17   | 31   |
| 3020-01-422-1972 | 15   | 18   | 5365-01-513-5801 | 12   | 50   |
| 3020-01-422-3966 | 17   | 22   | 3020-01-519-4419 | 11   | 9    |
| 2520-01-422-4101 | 14   | 16   | 3020-01-519-4423 | 3    | 4    |
| 3040-01-422-4102 | 3    | 9    | 3020-01-519-4427 | 3    | 2    |
| 5340-01-451-0076 | 32   | 13   | 2520-01-540-8311 | 2    | 3    |
| 2520-01-467-8998 | 31   | 15   | 3010-01-544-1270 | 12   | 1    |
|                  | 33   | 15   | 3040-01-544-1270 | 12   | 2    |
| 2520-01-467-9005 | 31   | 13   | 3040-01-547-6675 | 15   | 21   |
|                  | 33   | 17   | 3010-01-550-2473 | 34   | 40   |
| 3040-01-499-0471 | 4    | 8    |                  | 35   | 17   |
| 2520-01-499-1438 | 7    | 2    | 5330-01-553-0452 | 7    | 1    |
| 3020-01-499-3410 | 17   | 1    | 4730-01-558-9509 | 13   | 6    |
| 3010-01-499-3418 | 17   | 11   | 4320-01-561-8936 | 11   | 12   |
| 5305-01-499-6623 | 13   | 1    | 5315-01-564-2315 | 12   | 22   |
| 5325-01-499-7207 | 17   | 2    |                  | 23   | 7    |
| 2520-01-499-9055 | 7    | 7    | 5305-01-564-3363 | 32   | 24   |
| 5365-01-500-3607 | 33   | 26   | 3110-01-564-4850 | 34   | 31   |
| 5340-01-507-8620 | 36   | 16   |                  | 35   | 36   |
| 2520-01-508-0138 | 32   | 5    | 5306-01-566-1018 | 25   | 37   |
| 2520-01-508-6840 | 18   | 25   | 4730-01-566-1810 | 24   | 6    |
| 5330-01-509-0298 | 16   | 12   | 5325-01-566-3006 | 25   | 23   |
| 5330-01-509-0298 | 18   | 30   |                  | 25   | 25   |
| 5330-01-509-1404 | 9    | 4    | 3110-01-566-3014 | 17   | 3    |
| 2520-01-509-2403 | 17   | 23   |                  |      |      |
| 5310-01-509-2815 | 32   | 28   |                  |      |      |





## SUSTAINMENT MAINTENANCE

## PART NUMBER INDEX

| PART NUMBER     | FIG. | ITEM | PART NUMBER    | FIG. | ITEM |
|-----------------|------|------|----------------|------|------|
| AA59583-413JACT | 35   | 1    | MS35206-216    | 20   | 36   |
| BFBX1141190     | 18   | 39   | MS35756-3      | 24   | 3    |
| BS226344        | 3    | 3    | MS35756-3      | 25   | 32   |
| BS226347        | 11   | 14   | MS35764-236    | 11   | 1    |
|                 | 15   | 15   |                | 12   | 30   |
| BS226348        | 3    | 10   |                | 12   | 32   |
|                 | 11   | 8    |                | 13   | 17   |
| BS226350        | 34   | 60   |                | 31   | 21   |
| B-1210-OH       | 12   | 4    | MS9390-440     | 32   | 19   |
|                 | 25   | 7    | M83248/1-217   | 4    | 1    |
| C0505027400     | 35   | 47   | NTA3650        | 7    | 14   |
| DS3225-12       | 12   | 34   | PLEA2501220    | 20   | 13   |
| DS3225-5        | 12   | 51   |                | 20   | 16   |
| DS3225-9        | 12   | 37   |                | 21   | 29   |
| DS-830663       | 30   | 24   |                | 22   | 21   |
| DS-830665       | 30   | 4    | PLGA1561020A   | 32   | 13   |
| DS-840037       | 32   | 1    | Q8036          | 18   | 12   |
| DS-841665       | 31   | 19   |                | 34   | 43   |
|                 | 33   | 12   |                | 35   | 22   |
| DS-842621       | 33   | 16   | Q8308          | 17   | 43   |
| DS-842625       | 32   | 25   | ST4M151-12     | 17   | 25   |
| DS-842634       | 30   | 32   | ST7M141C7S     | 32   | 12   |
| DS-842669       | 30   | 6    | TRD3648        | 7    | 15   |
| DS-842675       | 33   | 23   | WW-P-471ACABCC | 15   | 28   |
| DS-842678       | 33   | 6    | 04-737130      | 31   | 31   |
| DS-842679       | 31   | 1    | 110X4          | 17   | 3    |
| DS-843095       | 31   | 12   | 114KS          | 34   | 62   |
|                 | 33   | 18   | 11649930       | 24   | 2    |
| DS-940244       | 30   | 16   |                | 25   | 34   |
| DS-940319       | 33   | 5    | 12020381       | 20   | 39   |
| DS-940433       | 30   | 20   |                | 21   | 34   |
| DS-940602       | 30   | 29   |                | 22   | 7    |
| ERNB260         | 34   | 48   | 12371041       | 1    | 2    |
| MS16555-61      | 31   | 28   | 12371043       | 1    | 1    |
|                 | 33   | 4    | 141105         | 25   | 14   |
| MS16562-140     | 15   | 20   | 141195         | 12   | 3    |
| MS16624-1025    | 35   | 30   |                | 24   | 9    |
| MS16626-4087    | 30   | 23   |                | 25   | 13   |
| MS21044N5       | 7    | 23   | 141210         | 12   | 13   |
| MS28775-129     | 30   | 28   | 141217         | 15   | 30   |
|                 |      |      | 141223         | 19   | 2    |

| PART NUMBER           | FIG. | ITEM | PART NUMBER | FIG. | ITEM |
|-----------------------|------|------|-------------|------|------|
| 141240                | 12   | 7    | 23017887    | 22   | 47   |
| 141242                | 11   | 18   | 23017888    | 22   | 16   |
| 141255                | 13   | 13   | 23017889    | 22   | 46   |
| 141262                | 11   | 27   | 23017890    | 22   | 42   |
| 141275                | 34   | 18   | 23017894    | 20   | 2    |
|                       | 35   | 43   | 23017899    | 20   | 37   |
| 186505                | 7    | 5    | 23017901    | 20   | 32   |
| 2AX375                | 21   | 16   | 23017902    | 20   | 34   |
|                       | 22   | 53   | 23017905    | 22   | 40   |
| 204235                | 11   | 16   | 23017906    | 22   | 54   |
|                       | 12   | 29   | 23017909    | 22   | 55   |
|                       | 12   | 31   | 23017910    | 22   | 32   |
|                       | 13   | 16   | 23017911    | 21   | 13   |
|                       | 19   | 5    |             | 22   | 50   |
|                       | 24   | 19   | 23017912    | 21   | 14   |
| 2107185-1             | 17   | 26   |             | 22   | 51   |
| 221431                | 22   | 36   | 23017913    | 22   | 49   |
| 223403                | 32   | 18   | 23017914    | 22   | 44   |
| 23018076 NON-ASBESTOS | 5    | 1    | 23017915    | 22   | 45   |
| 23018191 NON-ASBESTOS | 7    | 1    | 23017916    | 22   | 57   |
| 23601-00160           | 21   | 8    | 23017917    | 22   | 56   |
| 2436161               | 20   | 7    | 23017919    | 22   | 35   |
|                       | 20   | 19   | 23017920    | 22   | 34   |
| 273541                | 25   | 16   | 23017921    | 22   | 41   |
| 23011456              | 17   | 46   | 23017922    | 22   | 38   |
| 23011475              | 17   | 47   | 23017924    | 22   | 31   |
|                       | 18   | 16   | 23017926    | 22   | 27   |
| 23011665              | 17   | 6    | 23017927    | 22   | 26   |
| 23013453              | 18   | 22   | 23017928    | 22   | 22   |
| 23015337              | 14   | 22   | 23017929    | 22   | 19   |
| 23015985              | 16   | 1    | 23017930    | 22   | 20   |
|                       | 18   | 38   | 23017931    | 21   | 4    |
| 23016564              | 7    | 19   | 23017932    | 21   | 5    |
| 23017763              | 18   | 37   | 23017933    | 21   | 20   |
| 23017853              | 11   | 20   | 23017934    | 21   | 19   |
| 23017854              | 11   | 19   | 23017935    | 21   | 18   |
| 23017855              | 3    | 12   | 23017936    | 21   | 17   |
| 23017856              | 3    | 16   | 23017937    | 21   | 12   |
| 23017857              | 3    | 18   | 23017938    | 21   | 10   |
| 23017859              | 19   | 1    | 23017939    | 21   | 23   |
| 23017877              | 25   | 33   | 23017940    | 21   | 26   |
| 23017878              | 11   | 7    | 23017941    | 21   | 25   |
| 23017884              | 22   | 14   | 23017942    | 21   | 24   |
| 23017886              | 22   | 12   | 23017943    | 21   | 9    |

| PART NUMBER | FIG. | ITEM | PART NUMBER | FIG. | ITEM |
|-------------|------|------|-------------|------|------|
| 23017944    | 21   | 22   |             | 35   | 49   |
| 23017945    | 21   | 27   | 23018036    | 15   | 35   |
| 23017946    | 21   | 28   | 23018039    | 35   | 48   |
| 23017947    | 21   | 30   | 23018042    | 14   | 4    |
| 23017949    | 8    | 4    | 23018044    | 4    | 6    |
| 23017951    | 8    | 6    | 23018047    | 12   | 9    |
| 23017952    | 8    | 8    |             | 23   | 6    |
| 23017953    | 8    | 7    | 23018048    | 12   | 22   |
| 23017955    | 35   | 3    |             | 23   | 7    |
| 23017974    | 25   | 24   | 23018049    | 3    | 20   |
| 23017975    | 25   | 26   |             | 12   | 18   |
| 23017977    | 25   | 29   | 23018050    | 12   | 19   |
| 23017978    | 25   | 28   | 23018051    | 12   | 17   |
| 23017980    | 13   | 19   | 23018052    | 12   | 20   |
| 23017990    | 36   | 7    | 23018053    | 12   | 12   |
| 23017991    | 36   | 9    | 23018054    | 12   | 14   |
| 23017992    | 36   | 10   | 23018055    | 23   | 3    |
| 23017994    | 36   | 12   | 23018056    | 23   | 4    |
| 23017995    | 36   | 13   | 23018057    | 23   | 5    |
| 23017996    | 36   | 4    | 23018058    | 23   | 2    |
| 23018008    | 16   | 14   | 23018059    | 23   | 1    |
|             | 17   | 36   | 23018062    | 24   | 1    |
|             | 18   | 28   | 23018063    | 24   | 12   |
|             | 34   | 36   | 23018064    | 24   | 14   |
|             | 35   | 28   | 23018065    | 24   | 10   |
| 23018009    | 17   | 37   | 23018066    | 24   | 11   |
| 23018010    | 17   | 35   | 23018067    | 24   | 5    |
| 23018011    | 16   | 13   | 23018068    | 24   | 6    |
| 23018014    | 34   | 35   | 23018069    | 24   | 8    |
|             | 35   | 26   | 23018070    | 24   | 4    |
| 23018015    | 34   | 37   | 23018071    | 34   | 63   |
|             | 35   | 27   | 23018072    | 2    | 4    |
| 23018020    | 13   | 10   | 23018073    | 6    | 3    |
| 23018021    | 13   | 14   | 23018074    | 11   | 11   |
| 23018022    | 13   | 15   | 23018078    | 34   | 39   |
| 23018023    | 34   | 24   |             | 35   | 24   |
| 23018024    | 15   | 7    | 23018079    | 34   | 58   |
| 23018025    | 3    | 19   |             | 35   | 8    |
| 23018028    | 10   | 1    | 23018080    | 34   | 52   |
|             | 15   | 29   |             | 35   | 12   |
|             | 35   | 45   | 23018081    | 34   | 57   |
| 23018031    | 11   | 26   |             | 35   | 11   |
|             | 15   | 31   | 23018082    | 34   | 49   |
|             | 34   | 17   |             | 35   | 29   |

| PART NUMBER | FIG. | ITEM | PART NUMBER | FIG. | ITEM |
|-------------|------|------|-------------|------|------|
| 23018083    | 34   | 32   | 23018148    | 34   | 8    |
|             | 35   | 33   | 23018149    | 15   | 13   |
| 23018086    | 3    | 21   | 23018150    | 15   | 12   |
| 23018087    | 14   | 21   | 23018151    | 15   | 6    |
| 23018094    | 16   | 5    | 23018154    | 15   | 19   |
| 23018098    | 18   | 40   | 23018155    | 36   | 20   |
| 23018099    | 17   | 20   | 23018156    | 34   | 59   |
|             | 18   | 2    |             | 35   | 7    |
| 23018100    | 17   | 45   | 23018159    | 4    | 10   |
|             | 18   | 15   | 23018163    | 3    | 13   |
| 23018101    | 17   | 30   | 23018165    | 7    | 17   |
| 23018107    | 35   | 5    | 23018168    | 17   | 15   |
| 23018108    | 34   | 54   | 23018172    | 11   | 4    |
| 23018109    | 34   | 27   | 23018178    | 17   | 34   |
|             | 35   | 40   | 23018185    | 13   | 8    |
| 23018110    | 34   | 26   | 23018186    | 13   | 3    |
|             | 35   | 41   | 23018187    | 6    | 2    |
| 23018114    | 34   | 25   | 23018188    | 13   | 12   |
|             | 35   | 13   | 23018190    | 7    | 13   |
| 23018115    | 11   | 13   | 23018192    | 16   | 16   |
| 23018117    | 7    | 16   | 23018194    | 7    | 4    |
| 23018120    | 12   | 52   | 23018195    | 7    | 3    |
| 23018121    | 12   | 46   | 23018198    | 14   | 12   |
| 23018122    | 12   | 38   | 23018205    | 11   | 21   |
| 23018123    | 12   | 39   |             | 15   | 26   |
| 23018124    | 12   | 40   | 23018206    | 11   | 22   |
| 23018125    | 12   | 47   |             | 14   | 2    |
| 23018126    | 12   | 48   | 23018208    | 14   | 3    |
| 23018127    | 12   | 49   | 23018209    | 10   | 3    |
| 23018128    | 12   | 24   |             | 15   | 25   |
| 23018129    | 12   | 25   | 23018222    | 19   | 3    |
| 23018130    | 12   | 26   | 23018225    | 17   | 21   |
| 23018131    | 12   | 35   |             | 18   | 3    |
| 23018132    | 12   | 28   | 23018231    | 16   | 2    |
| 23018139    | 17   | 32   | 23018232    | 15   | 1    |
| 23018142    | 15   | 10   | 23018233    | 14   | 20   |
|             | 34   | 22   |             | 35   | 51   |
| 23018143    | 15   | 9    | 23018234    | 3    | 17   |
|             | 34   | 21   |             | 14   | 17   |
| 23018144    | 34   | 20   |             | 36   | 17   |
|             | 35   | 34   | 23018235    | 13   | 18   |
| 23018145    | 34   | 10   | 23018236    | 34   | 53   |
| 23018146    | 34   | 9    |             | 35   | 6    |
| 23018147    | 15   | 2    | 23018237    | 34   | 38   |

| PART NUMBER | FIG. | ITEM | PART NUMBER | FIG. | ITEM |
|-------------|------|------|-------------|------|------|
|             | 35   | 25   | 23040581    | 4    | 12   |
| 23018241    | 8    | 3    | 23040582    | 3    | 24   |
| 23018245    | 12   | 42   | 23045026    | 11   | 17   |
| 23018247    | 13   | 7    | 23045027    | 11   | 28   |
| 23018252    | 19   | 4    | 23045028    | 11   | 31   |
| 23018254    | 7    | 18   | 23045114    | 8    | 2    |
|             | 12   | 36   | 23045115    | 18   | 24   |
| 23018255    | 13   | 22   | 23045116    | 4    | 3    |
| 23018256    | 13   | 21   | 23045129    | 8    | 1    |
| 23018262    | 15   | 14   | 23045191    | 14   | 13   |
| 23018270    | 8    | 9    |             | 15   | 23   |
| 23018271    | 11   | 30   | 23045232    | 14   | 15   |
| 23018274    | 17   | 4    |             | 35   | 2    |
| 23018276    | 34   | 45   | 23045233    | 16   | 9    |
|             | 35   | 19   |             | 18   | 32   |
| 23018279    | 14   | 7    | 23045247    | 19   | 7    |
| 23018280    | 34   | 12   | 23045269    | 20   | 3    |
| 23018281    | 34   | 13   | 23045303    | 22   | 29   |
| 23018282    | 4    | 2    | 23045348    | 34   | 15   |
|             | 16   | 6    | 23045374    | 4    | 14   |
|             | 17   | 33   | 23045386    | 20   | 29   |
| 23018284    | 15   | 34   | 23045388    | 20   | 33   |
| 23018285    | 15   | 32   | 23045405    | 3    | 15   |
| 23018288    | 14   | 10   | 23045406    | 3    | 6    |
| 23018289    | 14   | 8    | 23045407    | 3    | 25   |
| 23018292    | 14   | 1    | 23045481    | 18   | 13   |
| 23018299    | 17   | 49   | 23045482    | 17   | 19   |
|             | 18   | 19   | 23045483    | 17   | 44   |
| 23018611    | 20   | 14   | 23045484    | 34   | 44   |
| 23018612    | 20   | 17   |             | 35   | 23   |
| 23018613    | 20   | 15   | 23045679    | 25   | 17   |
| 23018614    | 20   | 21   | 23045680    | 25   | 19   |
| 23018615    | 20   | 11   | 23045681    | 25   | 18   |
| 23018616    | 20   | 31   | 23045682    | 25   | 20   |
| 23018617    | 20   | 30   | 23045683    | 25   | 22   |
| 23018618    | 20   | 12   | 23045684    | 25   | 21   |
| 23018619    | 20   | 27   | 23045917    | 12   | 53   |
| 23018622    | 20   | 5    | 23046057    | 13   | 4    |
| 23018623    | 20   | 1    | 23046064    | 4    | 13   |
| 23018624    | 20   | 20   | 23046074    | 18   | 7    |
| 23018753    | 3    | 7    | 23046075    | 18   | 8    |
| 23018960    | 17   | 17   | 23046108    | 7    | 21   |
| 23040579    | 3    | 14   | 23046119    | 25   | 11   |
| 23040580    | 3    | 5    | 23046120    | 25   | 31   |

| PART NUMBER | FIG. | ITEM | PART NUMBER | FIG. | ITEM |
|-------------|------|------|-------------|------|------|
| 23046121    | 25   | 30   | 23048585    | 15   | 17   |
| 23046124    | 25   | 15   | 23048586    | 35   | 4    |
| 23046125    | 25   | 12   | 23048588    | 14   | 14   |
| 23046127    | 25   | 9    | 23048619    | 13   | 20   |
| 23046133    | 25   | 38   | 23048638    | 12   | 41   |
| 23046165    | 9    | 6    | 23048639    | 12   | 50   |
| 23046166    | 9    | 8    | 23048640    | 12   | 27   |
| 23046537    | 34   | 50   | 23048641    | 22   | 29   |
|             | 35   | 14   | 23048642    | 22   | 29   |
| 23046647    | 34   | 33   | 23048645    | 22   | 37   |
|             | 35   | 31   | 23048680    | 25   | 10   |
| 23046648    | 34   | 34   | 23049059    | 14   | 19   |
|             | 35   | 32   | 23049118    | 11   | 33   |
| 23046681    | 34   | 51   |             | 14   | 9    |
|             | 35   | 15   | 23049119    | 11   | 29   |
| 23046713    | 16   | 3    |             | 14   | 11   |
|             | 18   | 36   |             | 15   | 33   |
| 23047191    | 16   | 8    | 23049120    | 25   | 27   |
|             | 18   | 33   | 29501219    | 36   | 11   |
| 23047292    | 25   | 23   | 29501428    | 36   | 6    |
|             | 25   | 25   | 29503136    | 36   | 5    |
| 23047359    | 22   | 18   | 29503140    | 36   | 3    |
| 23047805    | 20   | 35   | 29503503    | 18   | 5    |
| 23047877    | 25   | 8    | 29503594    | 21   | 17   |
| 23047905    | 25   | 6    | 29505538    | 21   | 25   |
| 23047906    | 25   | 5    | 29505981    | 7    | 7    |
| 23047907    | 25   | 1    | 29505983    | 7    | 2    |
| 23048061    | 5    | 3    | 29510162    | 2    | 5    |
|             | 6    | 5    | 29510166    | 17   | 22   |
|             | 2    | 2    | 29510167    | 17   | 23   |
| 23048171    | 14   | 18   | 29510170    | 34   | 61   |
| 23048193    | 22   | 15   | 29510171    | 11   | 15   |
| 23048194    | 22   | 33   | 29510172    | 34   | 40   |
| 23048196    | 22   | 5    |             | 35   | 17   |
| 23048260    | 22   | 35   | 29510173    | 34   | 41   |
| 23048292    | 6    | 4    |             | 35   | 20   |
| 23048298    | 12   | 43   | 29510174    | 34   | 11   |
| 23048310    | 6    | 7    | 29510175    | 34   | 14   |
| 23048455    | 10   | 2    | 29510181    | 3    | 9    |
| 23048456    | 16   | 10   | 29510209    | 14   | 16   |
|             | 18   | 31   | 29510211    | 2    | 3    |
| 23048582    | 4    | 9    | 29510212    | 15   | 18   |
| 23048583    | 3    | 1    | 29510213    | 15   | 16   |
|             | 4    | 5    | 29510214    | 35   | 42   |

| PART NUMBER | FIG. | ITEM | PART NUMBER | FIG. | ITEM |
|-------------|------|------|-------------|------|------|
| 29510215    | 35   | 44   | 29549602    | 8    | 13   |
| 29510216    | 35   | 50   | 2973915     | 20   | 38   |
| 29510240    | 3    | 11   |             | 21   | 33   |
| 29511027    | 12   | 6    |             | 22   | 8    |
| 29511028    | 12   | 2    | 2989521-L   | 20   | 40   |
| 29511630    | 5    | 2    | 3030071-001 | 30   | 10   |
| 29511632    | 11   | 12   | 3030072-001 | 32   | 10   |
| 29512613    | 11   | 9    | 3909063     | 17   | 51   |
| 29515106    | 15   | 21   |             | 18   | 21   |
| 29520291    | 16   | 11   | 40900       | 21   | 32   |
|             | 18   | 29   |             | 22   | 6    |
| 29520292    | 16   | 12   | 443318      | 15   | 11   |
|             | 18   | 30   | 443767      | 11   | 25   |
| 29530330    | 16   | 4    | 444687      | 12   | 8    |
|             | 18   | 35   | 445567      | 20   | 18   |
| 29533248    | 12   | 33   | 445568      | 20   | 10   |
| 29533533    | 17   | 1    | 452692      | 11   | 32   |
| 29533534    | 17   | 2    | 453621      | 34   | 31   |
| 29533535    | 17   | 11   |             | 35   | 36   |
| 29533536    | 17   | 14   | 455141      | 36   | 8    |
| 29533537    | 4    | 8    | 455531      | 4    | 7    |
| 29533538    | 4    | 11   | 455675      | 15   | 8    |
| 29533539    | 4    | 4    |             | 34   | 23   |
| 29533540    | 3    | 4    | 455862      | 8    | 5    |
| 29533541    | 3    | 2    |             | 20   | 6    |
| 29533868    | 17   | 13   | 456826      | 21   | 6    |
| 29536577    | 36   | 16   | 457249      | 24   | 7    |
| 29536993    | 17   | 31   |             | 24   | 13   |
| 29537280    | 17   | 28   | 530677      | 10   | 4    |
| 29537283    | 18   | 26   | 544306      | 8    | 10   |
| 29537303    | 18   | 25   | 60618351    | 29   | 1    |
| 29537797    | 6    | 1    | 60618352    | 29   | 2    |
| 29537798    | 12   | 1    | 60618353    | 29   | 3    |
| 29538237    | 36   | 18   | 60618354    | 27   | 28   |
| 29541128    | 9    | 4    |             | 29   | 4    |
| 29541129    | 7    | 22   | 60618355    | 29   | 5    |
| 29541369    | 15   | 24   | 60618356    | 29   | 6    |
| 29549593    | 6    | 6    | 60618357    | 27   | 2    |
| 29549595    | 2    | 6    |             | 29   | 7    |
|             | 6    | 8    | 60618358    | 27   | 25   |
|             | 5    | 4    |             | 29   | 8    |
| 29549598    | 8    | 12   | 60618359    | 27   | 24   |
| 29549599    | 2    | 1    |             | 29   | 9    |
| 29549601    | 8    | 11   | 60618360    | 27   | 23   |

| PART NUMBER | FIG. | ITEM | PART NUMBER | FIG. | ITEM |
|-------------|------|------|-------------|------|------|
|             | 29   | 10   | 60618396    | 27   | 29   |
| 60618361    | 27   | 22   | 60618397    | 27   | 30   |
|             | 29   | 11   | 60618398    | 27   | 31   |
| 60618362    | 27   | 19   | 60618399    | 26   | 1    |
|             | 29   | 12   | 60618400    | 26   | 2    |
| 60618363    | 29   | 13   | 60618401    | 26   | 3    |
| 60618364    | 27   | 17   |             | 26   | 36   |
| 60618365    | 27   | 16   | 60618402    | 26   | 4    |
|             | 29   | 14   | 60618403    | 26   | 5    |
| 60618366    | 29   | 16   | 60618404    | 26   | 6    |
| 60618367    | 27   | 15   | 60618405    | 26   | 7    |
|             | 29   | 15   | 60618406    | 26   | 8    |
| 60618368    | 27   | 13   | 60618412    | 26   | 9    |
|             | 29   | 17   | 60618413    | 26   | 10   |
| 60618371    | 27   | 12   | 60618423    | 26   | 11   |
|             | 29   | 18   | 60618424    | 26   | 12   |
| 60618372    | 29   | 19   | 60618425    | 26   | 13   |
| 60618373    | 29   | 20   | 60618428    | 26   | 15   |
| 60618374    | 29   | 21   | 60618429    | 26   | 16   |
| 60618375    | 27   | 10   |             | 28   | 27   |
|             | 29   | 22   | 60618430    | 26   | 17   |
| 60618376    | 29   | 23   | 60618431    | 26   | 18   |
| 60618377    | 27   | 4    | 60618432    | 26   | 19   |
|             | 29   | 24   | 60618433    | 26   | 20   |
| 60618378    | 29   | 29   | 60618434    | 26   | 21   |
| 60618379    | 27   | 5    | 60618435    | 26   | 22   |
|             | 29   | 25   | 60618438    | 26   | 23   |
| 60618380    | 29   | 26   | 60618439    | 26   | 24   |
| 60618381    | 27   | 20   | 60618446    | 26   | 25   |
|             | 29   | 27   | 60618447    | 26   | 26   |
| 60618382    | 29   | 28   | 60618448    | 26   | 27   |
| 60618383    | 27   | 1    | 60618449    | 26   | 29   |
| 60618384    | 27   | 3    | 60618450    | 26   | 28   |
| 60618385    | 27   | 6    | 60618451    | 26   | 30   |
| 60618386    | 27   | 7    | 60618452    | 26   | 31   |
| 60618387    | 27   | 8    | 60618453    | 26   | 32   |
| 60618388    | 27   | 9    | 60618454    | 26   | 33   |
| 60618389    | 27   | 11   | 60618455    | 26   | 34   |
|             | 28   | 28   | 60618456    | 26   | 35   |
| 60618391    | 27   | 14   | 60618457    | 26   | 38   |
| 60618392    | 27   | 18   | 60618458    | 26   | 37   |
| 60618393    | 27   | 21   | 60618459    | 26   | 39   |
| 60618394    | 27   | 26   | 60618460    | 28   | 1    |
| 60618395    | 27   | 27   | 60618461    | 28   | 2    |



| PART NUMBER  | FIG. | ITEM | PART NUMBER | FIG. | ITEM |
|--------------|------|------|-------------|------|------|
| 60618462     | 28   | 3    | 6771005     | 21   | 7    |
| 60618463     | 28   | 4    | 6774817     | 22   | 39   |
| 60618464     | 28   | 5    | 6778016     | 21   | 21   |
| 60618465     | 28   | 6    |             | 22   | 28   |
| 60618466     | 28   | 7    | 6831673     | 18   | 4    |
| 60618467     | 28   | 8    | 6831676     | 17   | 38   |
| 60618468     | 28   | 9    | 6831677     | 17   | 40   |
| 60618469     | 28   | 10   | 6831679     | 17   | 39   |
| 60618470     | 28   | 11   | 6831680     | 17   | 42   |
| 60618471     | 28   | 12   | 6832310     | 11   | 23   |
| 60618472     | 28   | 13   | 6832579     | 11   | 10   |
| 60618473     | 28   | 14   | 6833940     | 22   | 52   |
| 60618475     | 28   | 15   | 6833944     | 22   | 48   |
| 60618476     | 28   | 16   | 6833945     | 21   | 15   |
| 60618477     | 28   | 17   | 6833991     | 18   | 11   |
| 60618478     | 28   | 18   |             | 34   | 42   |
| 60618479     | 28   | 19   |             | 35   | 21   |
| 60618480     | 28   | 20   | 6833993     | 17   | 10   |
| 60618481     | 28   | 21   | 6834129     | 17   | 50   |
| 60618482     | 28   | 22   |             | 18   | 20   |
| 60618483     | 28   | 23   | 6834309     | 18   | 9    |
| 60618484     | 28   | 24   |             | 34   | 46   |
| 60618485     | 28   | 25   |             | 35   | 18   |
| 60618486     | 28   | 26   | 6834339     | 17   | 9    |
| 60618495     | 26   | 14   | 6834512     | 17   | 29   |
| 6310         | 31   | 5    | 6834817     | 17   | 48   |
|              | 33   | 25   |             | 18   | 18   |
| 6321-0054-02 | 11   | 24   | 6834915     | 17   | 18   |
|              | 15   | 27   | 6835307     | 21   | 11   |
|              | 34   | 16   | 6835567     | 17   | 12   |
|              | 35   | 46   | 6836102     | 15   | 4    |
| 6750199      | 7    | 6    | 6836108     | 18   | 41   |
| 6751633      | 15   | 5    | 6836110     | 34   | 47   |
| 6755007      | 18   | 6    |             | 35   | 16   |
| 6756606      | 3    | 8    | 6836113     | 34   | 28   |
| 6756778      | 7    | 20   |             | 35   | 39   |
| 6758036      | 9    | 5    | 6836115     | 13   | 9    |
| 6765238      | 12   | 5    | 6836117     | 17   | 27   |
| 6769636      | 11   | 2    | 6836127     | 34   | 30   |
|              | 34   | 56   |             | 35   | 37   |
|              | 35   | 9    | 6836128     | 34   | 29   |
| 6769825      | 12   | 21   |             | 35   | 38   |
| 6770820      | 9    | 3    | 6836129     | 11   | 5    |
| 6770845      | 9    | 2    | 6836130     | 11   | 3    |

| PART NUMBER | FIG. | ITEM | PART NUMBER | FIG. | ITEM |
|-------------|------|------|-------------|------|------|
| 6836135     | 12   | 10   | 8356625-2   | 21   | 1    |
| 6836136     | 25   | 27   |             | 23   | 8    |
| 6836140     | 22   | 30   |             | 36   | 1    |
| 6836144     | 22   | 43   | 840022      | 31   | 23   |
| 6836252     | 36   | 19   |             | 33   | 10   |
| 6836264     | 18   | 23   | 840023      | 31   | 24   |
| 6836676     | 9    | 1    |             | 33   | 9    |
| 6836799     | 18   | 17   | 840035      | 32   | 4    |
| 6837389     | 20   | 4    | 840036      | 32   | 3    |
| 6839375     | 17   | 16   | 840146      | 32   | 16   |
| 6839376     | 17   | 41   | 840206      | 32   | 22   |
| 6839514     | 18   | 10   | 840297      | 30   | 27   |
| 6880251     | 17   | 8    | 840687      | 32   | 7    |
| 6883031     | 17   | 5    | 840726      | 32   | 23   |
| 6883033     | 17   | 7    | 841163      | 31   | 17   |
| 6883697     | 14   | 5    | 842063      | 32   | 8    |
| 6884273     | 18   | 1    | 842171      | 32   | 9    |
| 6884274     | 18   | 1    | 842448      | 30   | 21   |
| 6884275     | 17   | 24   | 842449      | 30   | 17   |
|             | 18   | 1    | 842451      | 30   | 18   |
|             | 18   | 14   | 842461      | 30   | 34   |
| 6884276     | 18   | 1    | 842623      | 33   | 3    |
| 6884730     | 16   | 7    | 842626      | 31   | 14   |
|             | 18   | 34   | 842632      | 30   | 25   |
| 7707326     | 34   | 7    | 842633      | 30   | 5    |
| 7707842     | 7    | 11   | 842635      | 30   | 7    |
| 7708035     | 36   | 15   | 842637      | 30   | 26   |
| 7709601     | 12   | 11   | 842638      | 30   | 19   |
| 7710319     | 9    | 7    | 842642      | 31   | 8    |
| 830661      | 30   | 8    | 842648      | 32   | 15   |
| 830664      | 31   | 26   | 842653      | 32   | 21   |
| 830666      | 30   | 13   | 842657      | 31   | 3    |
| 830710      | 30   | 1    | 842666      | 30   | 33   |
| 830713      | 30   | 22   | 842683      | 30   | 14   |
| 830724      | 33   | 19   | 842688      | 31   | 6    |
| 830824      | 33   | 1    | 842689      | 31   | 27   |
| 8350600     | 11   | 6    | 842702      | 31   | 29   |
|             | 15   | 22   | 842704      | 32   | 14   |
|             | 34   | 55   | 842742      | 31   | 22   |
|             | 35   | 10   |             | 33   | 11   |
| 8351366     | 7    | 12   | 842885      | 30   | 11   |
| 8351717     | 7    | 8    | 842894      | 30   | 3    |
| 8351718     | 7    | 9    |             | 30   | 36   |
| 8351725     | 7    | 10   | 842999      | 33   | 22   |

| PART NUMBER | FIG. | ITEM | PART NUMBER | FIG. | ITEM |
|-------------|------|------|-------------|------|------|
| 843003      | 31   | 20   | 9409012     | 34   | 5    |
|             | 33   | 28   |             | 35   | 59   |
| 843088      | 33   | 2    |             | 36   | 2    |
| 843090      | 31   | 16   | 9409014     | 20   | 24   |
|             | 33   | 14   |             | 30   | 38   |
| 843211      | 33   | 27   | 9409015     | 22   | 3    |
| 850231      | 32   | 11   | 9409030     | 3    | 23   |
| 850236      | 31   | 9    |             | 6    | 10   |
| 8622757     | 16   | 15   |             | 24   | 20   |
|             | 18   | 27   |             | 33   | 29   |
| 870068      | 31   | 7    | 9409060     | 13   | 11   |
| 870102      | 31   | 4    | 9409062     | 21   | 37   |
|             | 33   | 24   |             | 22   | 25   |
| 870103      | 31   | 25   | 9409067     | 33   | 7    |
|             | 33   | 8    | 9409072     | 34   | 19   |
| 870104      | 33   | 26   |             | 35   | 35   |
| 870115      | 30   | 15   | 9409074     | 34   | 3    |
| 870151      | 31   | 18   |             | 35   | 57   |
| 870181      | 33   | 13   | 9409076     | 12   | 16   |
| 870539      | 30   | 30   |             | 20   | 28   |
| 870647      | 33   | 21   | 9409088     | 32   | 26   |
| 870703      | 30   | 35   | 9409126     | 25   | 39   |
| 870705      | 30   | 2    | 9409224     | 24   | 16   |
| 870709      | 30   | 31   |             | 25   | 2    |
| 870861      | 32   | 27   |             | 35   | 55   |
| 870888      | 30   | 39   | 9409225     | 24   | 17   |
| 871049      | 32   | 6    |             | 30   | 9    |
| 871902      | 32   | 20   | 9409239     | 19   | 6    |
| 871904      | 32   | 17   | 9409253     | 22   | 10   |
| 871908      | 32   | 2    | 9409513     | 35   | 53   |
| 871941      | 30   | 12   | 9409621     | 21   | 2    |
| 872885      | 31   | 30   |             | 23   | 9    |
| 873017      | 31   | 11   |             | 30   | 37   |
|             | 32   | 29   | 9410714     | 13   | 5    |
| 873173      | 31   | 10   | 9411180     | 13   | 6    |
|             | 33   | 20   | 9415972     | 20   | 23   |
| 940734      | 31   | 13   | 9416011     | 12   | 45   |
|             | 33   | 17   |             | 34   | 1    |
| 940735      | 31   | 15   |             | 35   | 58   |
|             | 33   | 15   | 9419287     | 22   | 2    |
| 940736      | 32   | 24   |             | 25   | 4    |
| 940738      | 32   | 28   | 9421003     | 15   | 3    |
| 940968      | 32   | 5    | 9422845     | 14   | 6    |
| 9409011     | 31   | 2    |             | 20   | 22   |

| PART NUMBER | FIG. | ITEM | PART NUMBER | FIG. | ITEM |
|-------------|------|------|-------------|------|------|
|             | 21   | 36   |             | 34   | 2    |
|             | 22   | 11   |             | 35   | 52   |
|             | 34   | 4    | 9429554     | 12   | 23   |
|             | 35   | 56   | 9430182     | 25   | 37   |
|             | 36   | 14   | 9431456     | 21   | 3    |
| 9422846     | 12   | 15   |             | 22   | 4    |
|             | 13   | 2    | 9431456     | 25   | 35   |
|             | 20   | 25   | 9432105     | 20   | 8    |
|             | 22   | 1    | 9432105     | 22   | 13   |
|             | 24   | 15   | 9440984     | 21   | 35   |
|             | 24   | 18   |             | 22   | 23   |
|             | 25   | 3    | 9440986     | 20   | 26   |
|             | 25   | 36   |             | 22   | 9    |
|             | 34   | 6    | 9440987     | 21   | 31   |
|             | 35   | 54   |             | 22   | 24   |
| 9422847     | 3    | 22   | 9440988     | 22   | 17   |
|             | 6    | 9    | 9442435     | 13   | 1    |
| 9422848     | 12   | 44   |             |      |      |

|   |        |            |      |            |       |  |   |
|---|--------|------------|------|------------|-------|--|---|
| <b>RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS</b>  |        |            |      |            |       | Use Part II (reverse) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM).                      | DATE<br><i>Date you filled out this form.</i> |
| For use of this form, see AR 25-30; the proponent agency is OAASA.  |        |            |      |            |       |  |   |
| <b>TO</b> (Forward to proponent of publication or form) (Include ZIP Code)<br>U.S. Army TACOM Life Cycle Management Command<br>ATTN: AMSTA-LCL-MPP/TECH PUBS<br>6501 E. 11 Mile Road, Warren, MI 48397-5000 |        |            |      |            |       | <b>FROM</b> (Activity and location) (Include ZIP Code)<br><i>Your mailing address</i>  |   |
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| PUBLICATION/FORM NUMBER<br><i>TM Number</i>   |        |            |      |            |       | DATE<br><i>Date of the TM</i>  | TITLE<br><i>Title of the TM</i>               |
| ITEM  | PAGE   | PARA-GRAPH | LINE | FIGURE NO. | TABLE | RECOMMENDED CHANGES AND REASON<br>(Exact wording of recommended change must be given)  |   |
|   | 0007-3 |            |      |            |       | <i>Figure 2, Item 9 should show a lockwasher. Currently shows a flat washer.</i>   |   |
|   | 0018-2 |            |      |            |       | <i>Cleaning and inspection, Step 6, reference to governor support pin (14) is wrong reference. Reference should be change to (12).</i> |   |
| <h1>SAMPLE</h1>   |        |            |      |            |       |  |   |
| TYPED NAME, GRADE OR TITLE<br><br><i>Your Name</i>  |        |            |      |            |       | TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION<br><br><i>Your Phone Number</i>   | SIGNATURE<br><br><i>Your Signature</i>        |

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|--|---|---|
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|--|---|---|

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

|  |                               |                                 |
|--|-------------------------------|---------------------------------|
| PUBLICATION NUMBER<br><i>TM Number</i> | DATE<br><i>Date of the TM</i> | TITLE<br><i>Title of the TM</i> |
|--|-------------------------------|---------------------------------|

| PAGE NO.        | COLM NO. | LINE NO. | NATIONAL STOCK NUMBER | REFERENCE NO. | FIGURE NO. | ITEM NO. | TOTAL NO. OF MAJOR ITEMS SUPPORTED | RECOMMENDED ACTION |
|-----------------|----------|----------|-----------------------|---------------|------------|----------|------------------------------------|--------------------|
| <h1>SAMPLE</h1> |          |          |                       |               |            |          |                                    |                    |

**PART III – REMARKS** (Any general remarks, or recommendations, or suggestions for improvement of publications and blank forms. Additional blank sheets may be used if more space is needed.)

|  |  |                                    |
|--|--|------------------------------------|
| TYPED NAME, GRADE OR TITLE<br><i>Your Name</i> | TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION<br><i>Your Phone Number</i> | SIGNATURE<br><i>Your Signature</i> |
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| <b>RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS</b>  |      |            |      |            |  | Use Part II (reverse) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM). | <b>DATE</b>  |
|---|------|------------|------|------------|--|---|--|
| For use of this form, see AR 25-30; the proponent agency is OAASA   |      |            |      |            |  |   |  |
| <b>TO</b> (Forward to proponent of publication or form) (Include ZIP Code)<br>U.S. Army TACOM Life Cycle Management Command<br>ATTN: AMSTA-LCL-MPP/TECH PUBS<br>6501 E. 11 Mile Road, Warren, MI 48397-5000 |      |            |      |            |  | <b>FROM</b> (Activity and location) (Include ZIP Code)  |  |
| <b>PART I – ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS</b>   |      |            |      |            |  |   |  |
| PUBLICATION/FORM NUMBER<br>TM 9-2520-272-40P  |      |            |      |            |  | DATE<br>13 February 2012  | TITLE<br>Repair Parts and Special Tools List (RPSTL) for Cross Drive Transmission w/ Container Transmission Model X200-4A. |
| ITEM  | PAGE | PARA-GRAPH | LINE | FIGURE NO. | TABLE                                      | RECOMMENDED CHANGES AND REASON  |  |
|   |      |            |      |            |  |   |  |
| TYPED NAME, GRADE OR TITLE  |      |            |      |            | TELEPHONE EXCHANGE/AUTOVON, PLUS EXTENSION |   | SIGNATURE  |

|   |   |             |
|---|---|-------------|
| <b>TO</b> <i>(Forward direct to addressee listed in publication)</i><br>U.S. Army TACOM Life Cycle Management Command<br>ATTN: AMSTA-LCL-MPP/TECH PUBS<br>6501 E. 11 Mile Road, Warren, MI 48397-5000 | <b>FROM</b> <i>(Activity and location) (Include ZIP Code)</i> | <b>DATE</b> |
|---|---|-------------|

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

|   |                                 |  |
|---|---------------------------------|--|
| <b>PUBLICATION/FORM NUMBER</b><br>TM 9-2520-272-40P | <b>DATE</b><br>13 February 2012 | <b>TITLE</b> Repair Parts and Special Tools List (RPSTL)<br>for Cross Drive Transmission w/ Container<br>Transmission Model X200-4A. |
|---|---------------------------------|--|

| PAGE NO. | COLM NO. | LINE NO. | NATIONAL STOCK NUMBER | REFERENCE NO. | FIGURE NO. | ITEM NO. | TOTAL NO. OF MAJOR ITEMS SUPPORTED | RECOMMENDED ACTION |
|----------|----------|----------|-----------------------|---------------|------------|----------|------------------------------------|--------------------|
|          |          |          |                       |               |            |          |                                    |                    |

**PART III – REMARKS** *(Any general remarks, or recommendations, or suggestions for improvement of publications and blank forms. Additional blank sheets may be used if more space is needed.)*

|                            |   |           |
|----------------------------|---|-----------|
| TYPED NAME, GRADE OR TITLE | TELEPHONE EXCHANGE/AUTOVON,<br>PLUS EXTENSION | SIGNATURE |
|----------------------------|---|-----------|



| <b>RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS</b>  |      |            |      |            |  | Use Part II (reverse) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM). | <b>DATE</b>   |
|---|------|------------|------|------------|--|---|---|
| For use of this form, see AR 25-30; the proponent agency is OAASA   |      |            |      |            |  |   |   |
| <b>TO</b> (Forward to proponent of publication or form) (Include ZIP Code)<br>U.S. Army TACOM Life Cycle Management Command<br>ATTN: AMSTA-LCL-MPP/TECH PUBS<br>6501 E. 11 Mile Road, Warren, MI 48397-5000 |      |            |      |            |  | <b>FROM</b> (Activity and location) (Include ZIP Code)  |   |
| <b>PART I – ALL PUBLICATIONS (EXCEPT RPSTL AND SC/SM) AND BLANK FORMS</b>   |      |            |      |            |  |   |   |
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| ITEM  | PAGE | PARA-GRAPH | LINE | FIGURE NO. | TABLE                                      | RECOMMENDED CHANGES AND REASON  |   |
|   |      |            |      |            |  |   |   |
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| <b>RECOMMENDED CHANGES TO PUBLICATIONS AND BLANK FORMS</b>  |      |            |      |            |  | Use Part II (reverse) for Repair Parts and Special Tool Lists (RPSTL) and Supply Catalogs/Supply Manuals (SC/SM). | <b>DATE</b>   |
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|                                   |   |                  |

By Order of the Secretary of the Army:

Official:

  
JOYCE E. MORROW  
*Administrative Assistant to the  
Secretary of the Army*

1200604

RAYMOND T. ODIERNO  
*General, United States Army  
Chief of Staff*

Distribution:

To be distributed in accordance with the initial distribution number (IDN) 372632 requirements for TM 9-2520-272-40P.



## METRIC CONVERSION CHART

### 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 Kilometers.....    | 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       |

#### 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

#### 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 = 1,000,000 Sq. Meters = 0.386 Sq. Miles

#### Liquid Measure

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

#### 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

$5/9 (^{\circ}\text{F} - 32) = ^{\circ}\text{C}$   
 212° Fahrenheit is equivalent to 100° Celsius  
 90° Fahrenheit is equivalent to 32.2° Celsius  
 32° Fahrenheit is equivalent to 0° Celsius  
 $9/5 ^{\circ}\text{C} + 32 = ^{\circ}\text{F}$

