

# CATERPILLAR D5M

6AS / SEBP3107

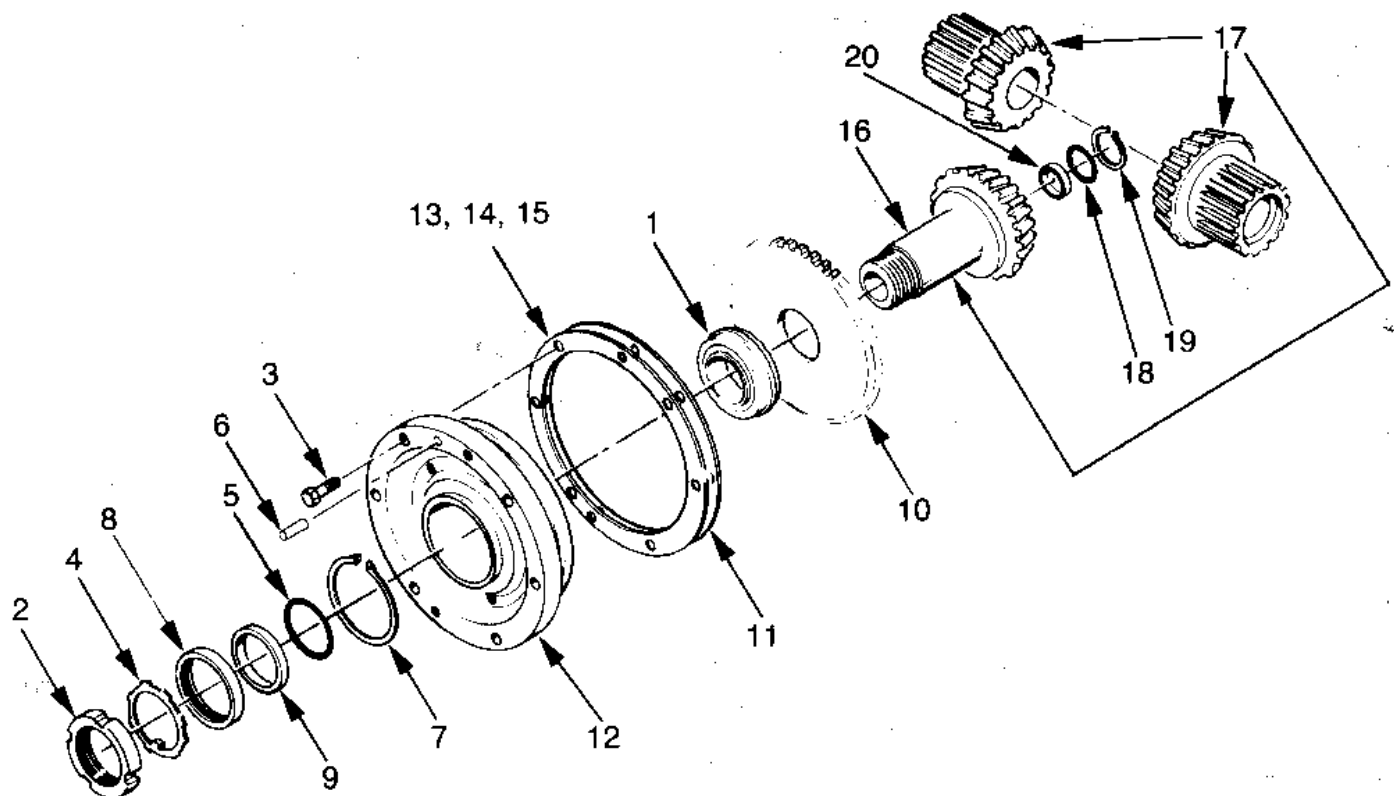
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| Power train                |      |
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| Hydraulic system           |      |
| Power train                |      |
| Air inlet and exhaust      |      |

## MODEL PA55 BEVEL GEAR GROUP D5M & D6M

### MODEL PA55 BEVEL GEAR GROUP D5M & D6M

Drawing 1 of 1



| Ref. | Part number | Description                       | Qty      | Code | Group page |
|------|-------------|-----------------------------------|----------|------|------------|
| 1    | 119-2141    | BEARING ASSEMBLY                  | 1        |      |            |
| 2    | 119-1617    | BEARING, LOCK NUT                 | 1        |      |            |
| 3    | 5P-2228     | CAPSCREW, HEX HEAD (1/2 - 13 x 1) | 6        |      |            |
| 4    | 119-1618    | LOCKWASHER                        | 1        |      |            |
| 5    | 118-5804    | O-RING                            | 1        |      |            |
| 6    | 123-4403    | DOWEL PIN                         | 1        |      |            |
| 7    | 119-2157    | RETAINING RING                    | 1        |      |            |
| 8    | 120-7638    | OIL SEAL                          | 1        |      |            |
| 9    | 118-8381    | SEAL SPACER                       | 1        |      |            |
| 10   | 118-6589    | PUMP DRIVE PINION                 | 1        |      |            |
| 11   | 118-5854    | SHIM GASKET                       | 1        |      |            |
| 12   | 118-7222    | CARRIER                           | 1        |      |            |
| 13   | 118-5855    | SHIM .005 IN. (.13 MM)            | 2-A<br>R | AR   |            |
| 14   | 118-5856    | SHIM .007 IN. (.18 MM)            | 2-A<br>R | AR   |            |
| 15   | 118-5857    | SHIM .020 IN. (.51 MM)            | 2-A<br>R | AR   |            |

**MODEL PA55 BEVEL GEAR GROUP D5M & D6M (continued)**

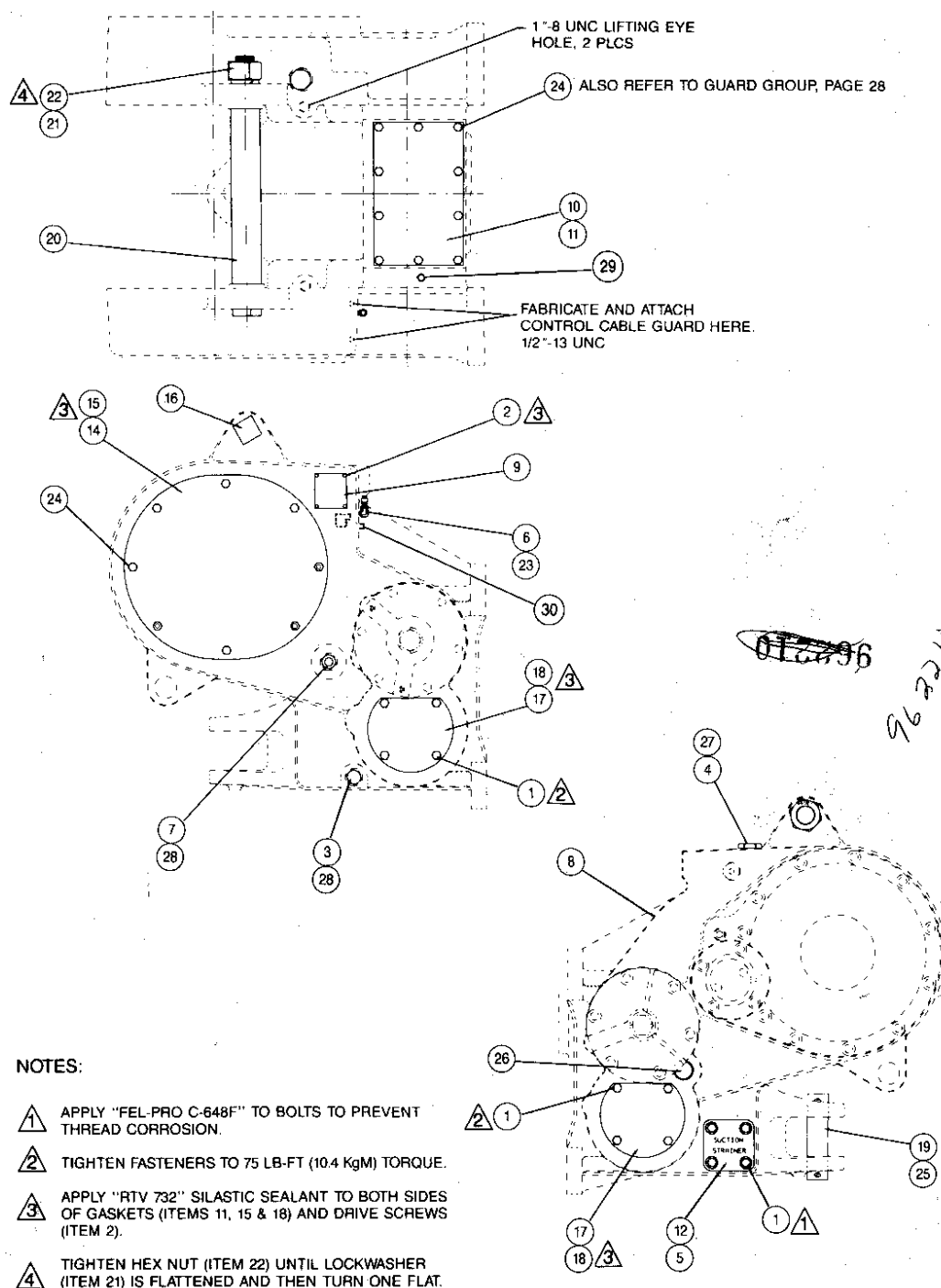
| Ref. | Part number | Description                                                                               | Qty | Code | Group page |
|------|-------------|-------------------------------------------------------------------------------------------|-----|------|------------|
| 16   | 118-6971    | BEVEL PINION - 18T STANDARD SPEED - 3 SHAFT PS TRACTORS                                   | 1   |      |            |
|      | 119-0536    | BEVEL PINION - 14T SLOW SPEED - 4 SHAFT PS TRACTORS OR STANDARD SPEED 3 SHAFT DD TRACTORS | 1   |      |            |
| 17   | 119-2218    | BEVEL GEAR SET - 18/38T                                                                   | 1   | A    |            |
|      | 119-2219    | BEVEL GEAR SET - 14/39T                                                                   | 1   | A    |            |
| 18   | 9X-7545     | O-RING                                                                                    | 1   | A    |            |
| 19   | 1L-3768     | RETAINING RING                                                                            | 1   |      |            |
| 20   | 119-2190    | PLUG, BEVEL PINION                                                                        | 1   |      |            |

CAT codes: A, AR.

# WINCH CASE & COVERS

## WINCH CASE & COVERS

Drawing 1 of 1



| Ref. | Part number | Description                                 | Qty | Code | Group page |
|------|-------------|---------------------------------------------|-----|------|------------|
| 1    | 5P-2228     | CAPSCREW, HEX HEAD (1/2 -13 NC x 1)         | 12  |      |            |
| 2    | 7H-4543     | DRIVE SCREW                                 | 4   |      |            |
| 3    | 5P-9436     | PLUG, DRAIN (MAY BE SUBSTITUTED FOR ITEM 7) | 1   |      |            |
| 4    | 5P-1403     | PLUG, OIL FILL (INCLUDES ITEM 27)           | 1   |      |            |
| 5    | 6L-9965     | O-RING                                      | 2   | B    |            |

## WINCH CASE & COVERS (continued)

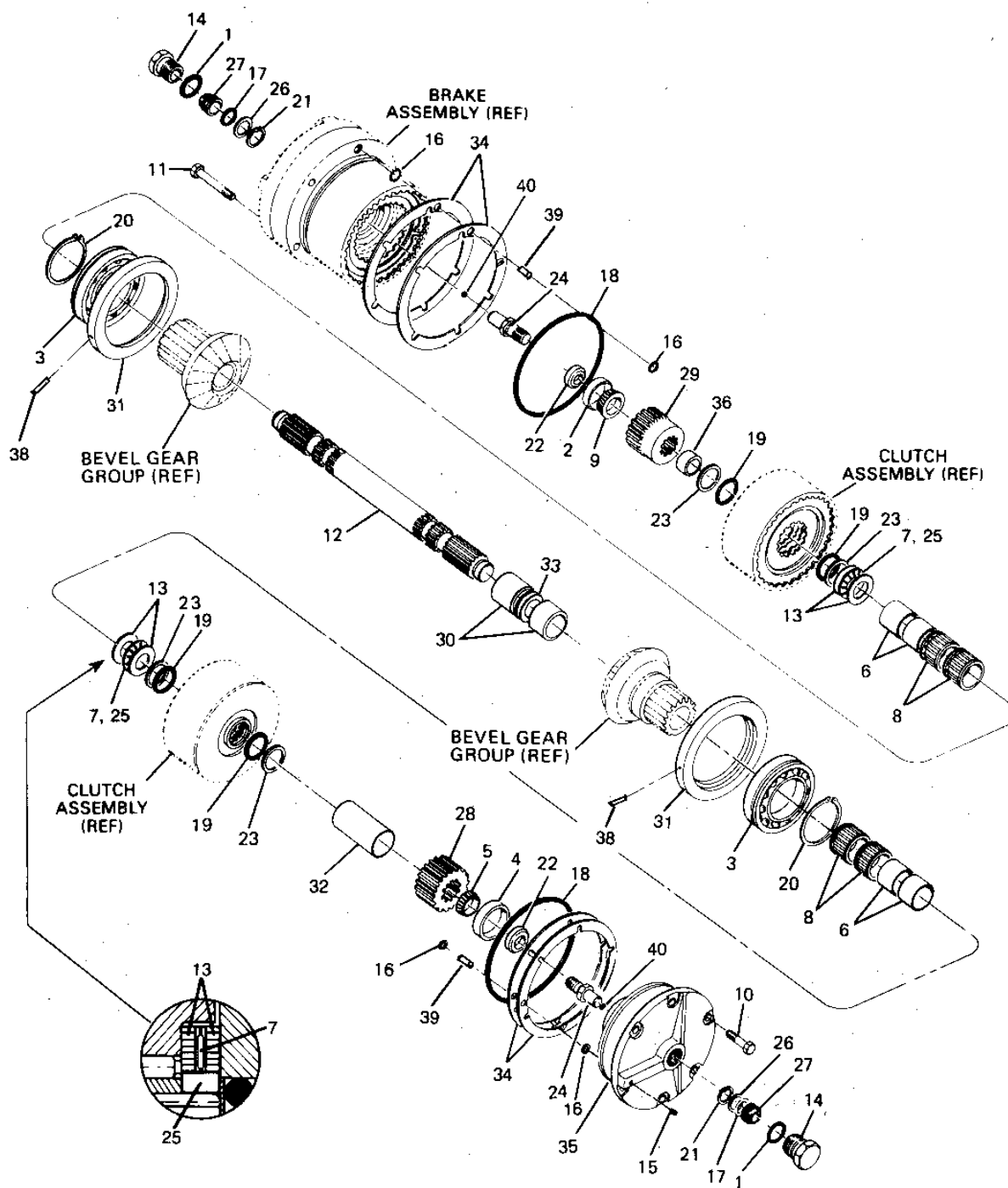
| Ref. | Part number | Description                                       | Qty | Code | Group page |
|------|-------------|---------------------------------------------------|-----|------|------------|
| 6    | 5F-5434     | VENT PLUG                                         | 1   |      |            |
| 7    | 118-5783    | SIGHT GAUGE (INCLUDES ITEM 28)                    | 1   |      |            |
| 8    | 118-6973    | WINCH CASE - STANDARD PTO - SHOWN                 | 1   |      |            |
| 9    | 123-4417    | SERIAL NUMBER DATA PLATE                          | 1   |      |            |
| 10   | 118-6598    | COVER, TOP ACCESS                                 | 1   |      |            |
| 11   | 118-6316    | GASKET                                            | 1   |      |            |
| 12   | 120-7541    | STRAINER COVER                                    | 1   |      |            |
| 14   | 118-6588    | COVER, SIDE ACCESS                                | 1   |      |            |
| 15   | 120-7543    | GASKET                                            | 1   |      |            |
| 16   | 118-6298    | TIE BOLT                                          | 1   |      |            |
| 17   | 118-6597    | COVER, LOWER ACCESS                               | 2   |      |            |
| 18   | 118-6317    | GASKET                                            | 2   |      |            |
| 19   | 118-8382    | DRAW BAR PIN                                      | 1   |      |            |
| 20   | 118-6314    | SPACER TUBE                                       | 1   |      |            |
| 21   | 119-1623    | LOCKWASHER (1 3/4)                                | 1   |      |            |
| 22   | 2B-2673     | NUT, HEX HEAD (1 3/4 NC)                          | 1   |      |            |
| 23   | 3B-8822     | ELBOW                                             | 2   |      |            |
| 24   | 6K-7917     | CAPSCREW, HEX HEAD (1/2 - 13 NC x 1)              | 15  | A    |            |
| 25   | 3B-5320     | COTTER PIN (3/8 x 3 in.)                          | 2   |      |            |
| 26   | 119-2165    | EXPANSION PLUG - 3 SHAFT WINCH ONLY               | 1   |      |            |
| 27   | 6V-5065     | O-RING - FOR OIL FILL PLUG                        | 1   |      |            |
| 28   | 3D-2824     | O-RING - FOR OIL DRAIN & LEVEL PLUG (ITEMS 3 & 7) | 2   |      |            |
| 29   | 2B-7457     | PLUG (3/8 NPT SQ HD)                              | 1   |      |            |
| 30   | 5M-6214     | PLUG (1/4 NPT SQ HD)                              | 1   |      |            |

CAT codes: A, B.

# CLUTCH SHAFT GROUP

## CLUTCH SHAFT GROUP

Drawing 1 of 1



| Ref. | Part number | Description              | Qty | Code | Group page |
|------|-------------|--------------------------|-----|------|------------|
| 1    | 2S-4078     | O-RING (PART OF ITEM 14) | 2   |      |            |
| 2    | 120-7630    | BEARING CUP              | 1   |      |            |
| 3    | 119-2138    | BALL BEARING - STD PTO   | 2   |      |            |
| 4    | 119-2140    | BEARING CUP              | 1   |      |            |
| 5    | 120-7635    | BEARING CONE             | 1   |      |            |

## CLUTCH SHAFT GROUP (continued)

| Ref. | Part number | Description                               | Qty | Code | Group page |
|------|-------------|-------------------------------------------|-----|------|------------|
| 6    | 119-2206    | NEEDLE BEARING - INNER RACE               | 4   |      |            |
| 7    | 119-1606    | THRUST BEARING                            | 2   |      |            |
| 8    | 119-2208    | NEEDLE BEARING                            | 4   |      |            |
| 9    | 119-1593    | BEARING CONE                              | 1   |      |            |
| 10   | 5P-2228     | CAPSCREW, HEX HEAD (1/2 - 13 x 1)         | 6   |      |            |
| 11   | 7X-0326     | CAPSCREW, HEX HEAD (1/2 - 13 x 3)         | 6   |      |            |
| 12   | 118-7225    | CLUTCH SHAFT - 4 SHAFT WINCH              | 1   |      |            |
|      | 118-7217    | CLUTCH SHAFT - 3 SHAFT WINCH              | 1   |      |            |
| 13   | 120-7633    | THRUST BEARING RACE                       | 4   |      |            |
| 14   | 5P-1403     | PLUG (CONTAINS ITEM 1)                    | 2   |      |            |
| 15   | 102-0883    | PLUG (1/4 NPT) (EARLY)                    | 1   |      |            |
|      | 148-8407    | PLUG, -6 ORB HEX -6 (CURRENT)             | 1   |      |            |
| 16   | 8M-4437     | O-RING                                    | 8   |      |            |
| 17   | 120-7629    | O-RING                                    | 2   |      |            |
| 18   | 119-1590    | O-RING                                    | 2   |      |            |
| 19   | 119-1549    | O-RING                                    | 4   |      |            |
| 20   | 119-1616    | RETAINING RING                            | 2   |      |            |
| 21   | 2D-6398     | RETAINING RING                            | 2   |      |            |
| 22   | 119-2171    | BEARING RETAINER                          | 2   |      |            |
| 23   | 119-1550    | BACK-UP RING                              | 4   |      |            |
| 24   | 147-2728    | ROTARY SEAL SHAFT                         | 2   |      |            |
| 25   | 118-5817    | THRUST BEARING SPACER                     | 2   |      |            |
| 26   | 119-1628    | BACK-UP WASHER                            | 2   |      |            |
| 27   | 119-2193    | ROTARY SEAL                               | 2   |      |            |
| 28   | 118-6582    | PINION GEAR - 18 TEETH - 4 SHAFT WINCH    | 1   |      |            |
|      | 118-6560    | PINION GEAR - 15 TEETH - 3 SHAFT WINCH    | 1   |      |            |
| 29   | 118-6568    | BRAKE HUB                                 | 1   |      |            |
| 30   | 118-5858    | BEVEL GEAR SPACER                         | 2   |      |            |
| 31   | 118-5844    | BEARING CARRIER                           | 2   |      |            |
| 32   | 118-5852    | PINION SPACER - 4 SHAFT WINCH             | 1   |      |            |
|      | 118-5864    | PINION SPACER - 3 SHAFT WINCH             | 1   |      |            |
| 33   | 118-5848    | SHIM SET                                  | 1   |      |            |
| 34   | 118-6647    | SHIM .005 in. (.13 mm)                    | AR  | AR   |            |
|      | 118-6599    | SHIM .007 in. (.18 mm)                    | AR  | AR   |            |
|      | 118-6600    | SHIM .020 in. (.51 mm)                    | AR  | AR   |            |
| 35   | 118-6951    | CLUTCH SHAFT BEARING CAR. - 4 SHAFT WINCH | 1   |      |            |

CLUTCH SHAFT GROUP (continued)

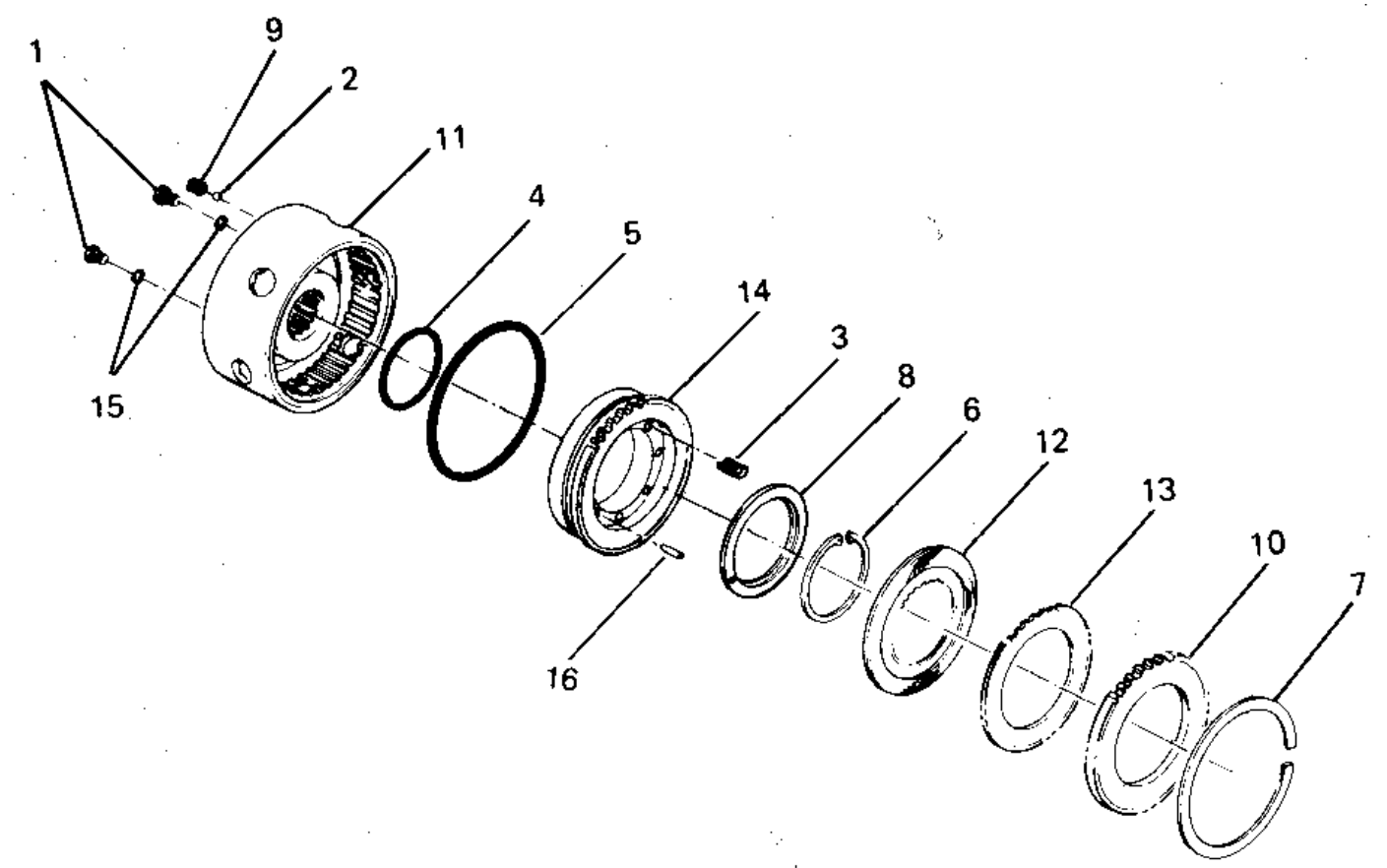
| Ref. | Part number | Description                               | Qty | Code | Group page |
|------|-------------|-------------------------------------------|-----|------|------------|
|      | 118-6969    | CLUTCH SHAFT BEARING CAR. - 3 SHAFT WINCH | 1   |      |            |
| 36   | 118-5864    | BRAKE HUB SPACER                          | 1   |      |            |
| 38   | 4H-1440     | ROLLPIN                                   | 2   |      |            |
| 39   | 120-7663    | SLEEVE                                    | 4   |      |            |
| 40   | 140-1197    | ORIFICE PLUG                              | 2   |      |            |

CAT codes: AR.

CLUTCH SHAFT GROUP

CLUTCH ASSEMBLY

Drawing 1 of 1



| Ref. | Part number | Description                           | Qty | Code | Group page |
|------|-------------|---------------------------------------|-----|------|------------|
|      | 118-7210    | CLUTCH ASSEMBLY - INCLUDES ITEMS 1-16 |     |      |            |
| 1    | 9S-8007     | PLUG, O-RING FLUSH - INCLUDES ITEM 15 | 2   |      |            |
| 2    | 3Y-9267     | STEEL BALL                            | 1   |      |            |
| 3    | 118-5851    | SPRING                                | 8   |      |            |
| 4    | 5S-3676     | O-RING                                | 1   |      |            |
| 5    | 120-7669    | O-RING                                | 1   |      |            |
| 6    | 119-2195    | RETAINING RING                        | 1   |      |            |
| 7    | 119-1534    | RETAINING RING                        | 1   |      |            |
| 8    | 118-6566    | SPRING RETAINER                       | 1   |      |            |
| 9    | 118-5849    | CHECK VALVE SEAT                      | 1   |      |            |
| 10   | 118-6323    | PRESSURE PLATE                        | 1   |      |            |
| 11   | 118-8385    | CLUTCH HOUSING                        | 1   | A    |            |
| 12   | 118-6547    | DISC - FRICTION, BRONZE               | 5   |      |            |
| 13   | 118-6302    | DISC - STEEL .093 in. (2.36 mm)       | 4   |      |            |

CLUTCH SHAFT GROUP (continued)

| Ref. | Part number | Description   | Qty | Code | Group page |
|------|-------------|---------------|-----|------|------------|
| 14   | 118-6594    | CLUTCH PISTON | 1   |      |            |
| 15   | 119-2189    | O-RING        | 2   |      |            |
| 16   | 5H-3182     | PIN           | 1   |      |            |

CAT codes: A.

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