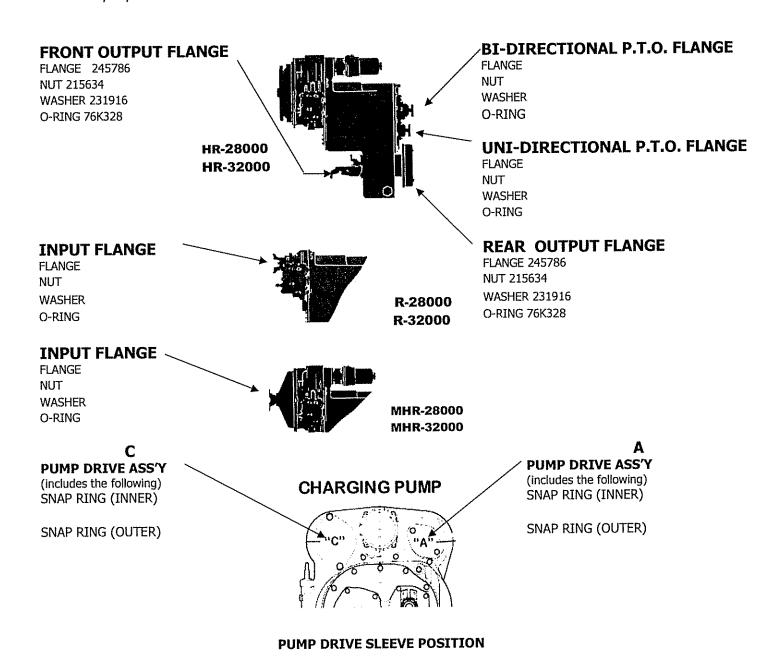


MODEL NO. 13.5HR32662-631

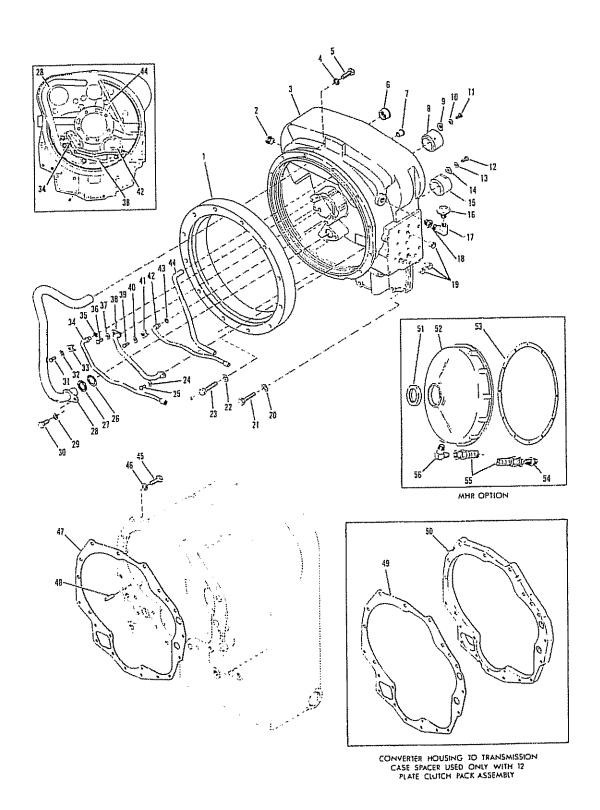
PART NO. 293660

DATE 04/10/2007

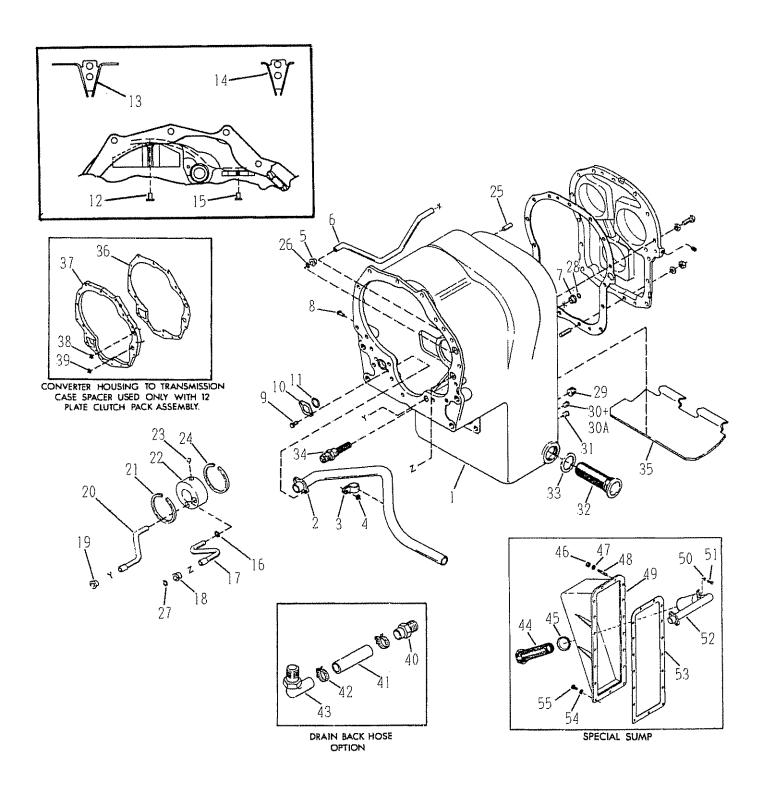




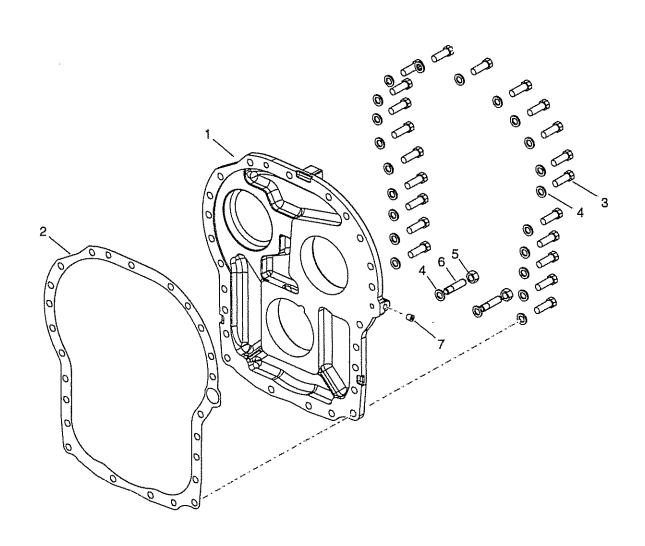
32000 CONVERTER HOUSING GROUP



32000 GROUP-TRANSMISSION CASE

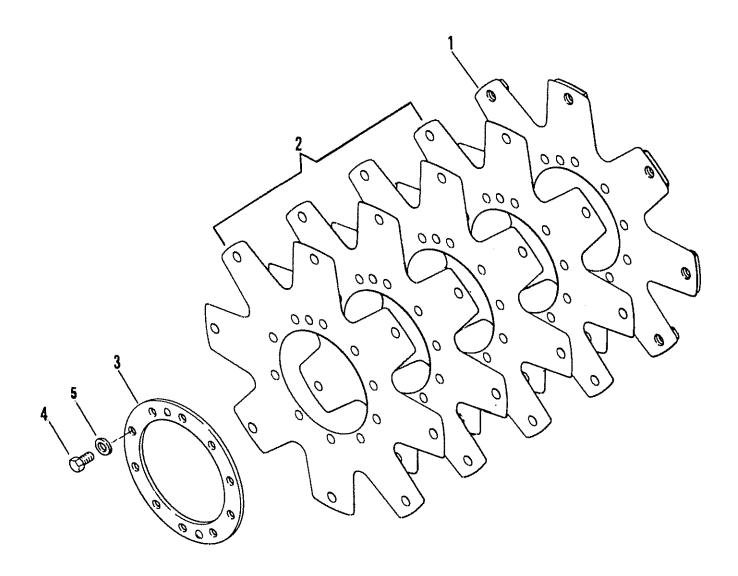


TE15GROUP-REAR COVER



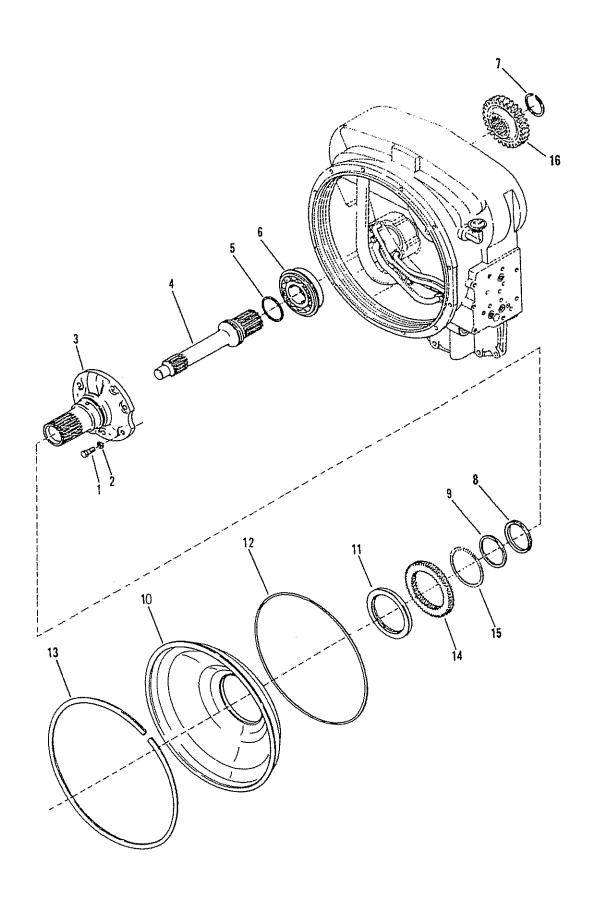


DRIVE PLATE GROUP



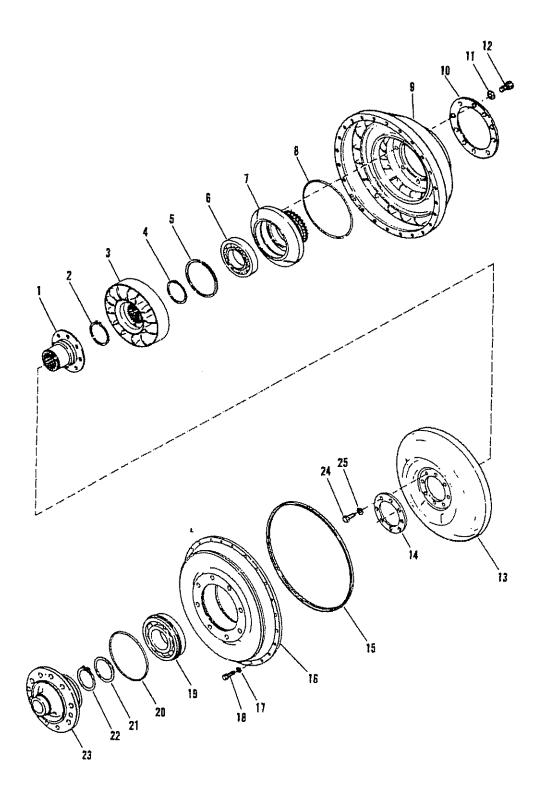
GRPC32051

32000 GROUP-TURBINE SHAFT



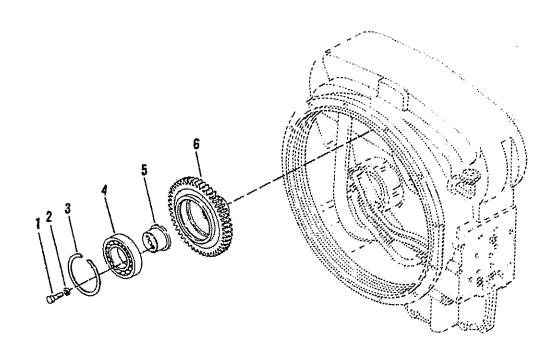


32000 WHEEL GROUP

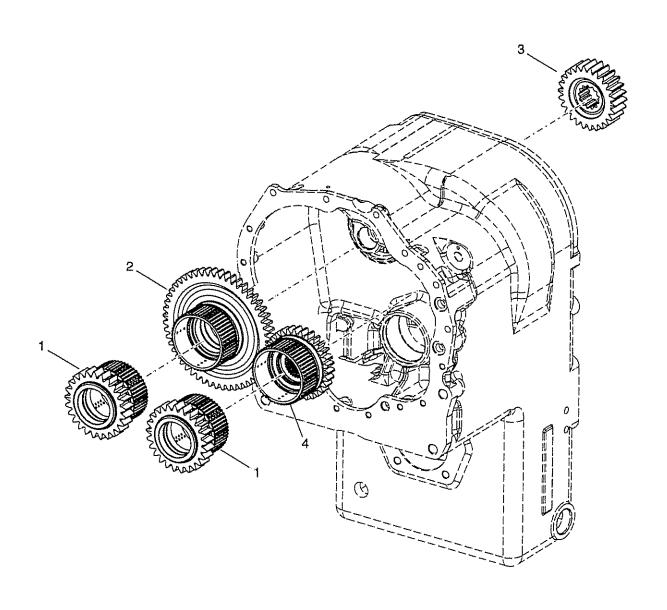




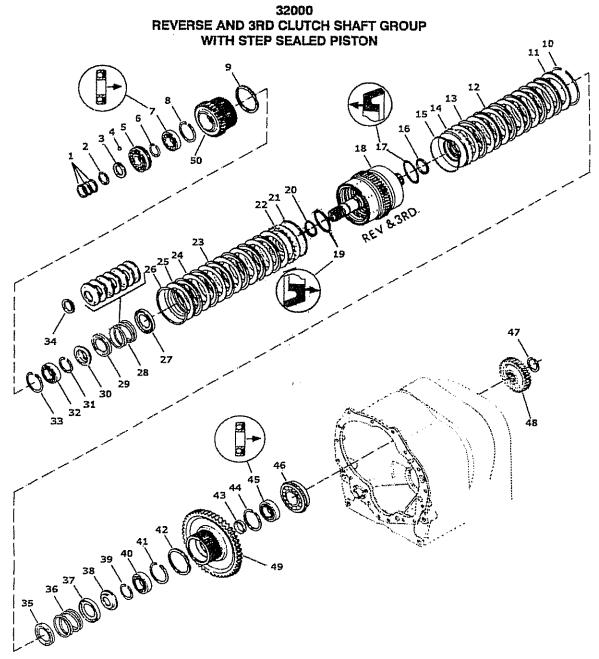
GROUP-PUMP DRIVE



TE15
GROUP-FWD AND REV SHAFT

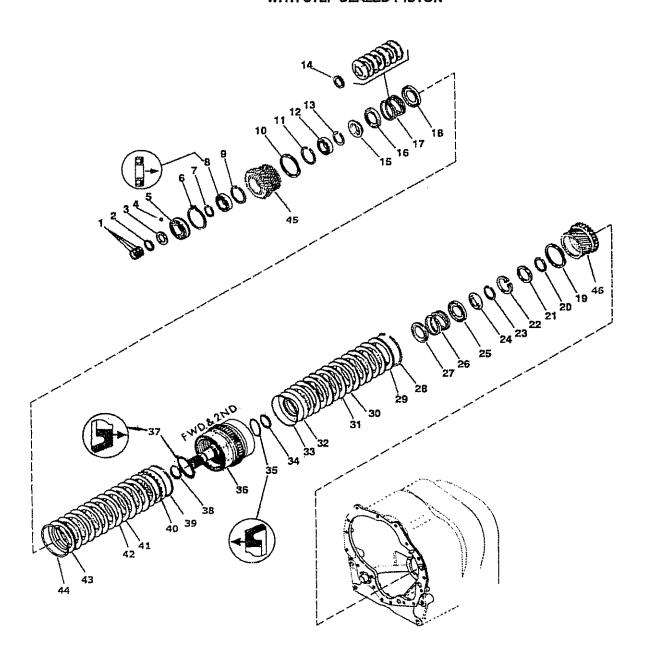


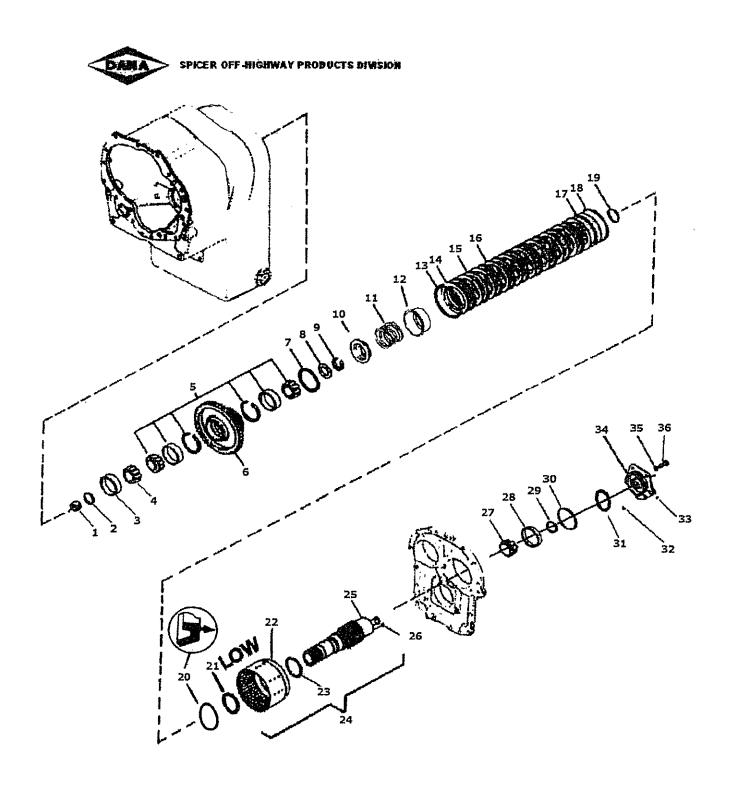




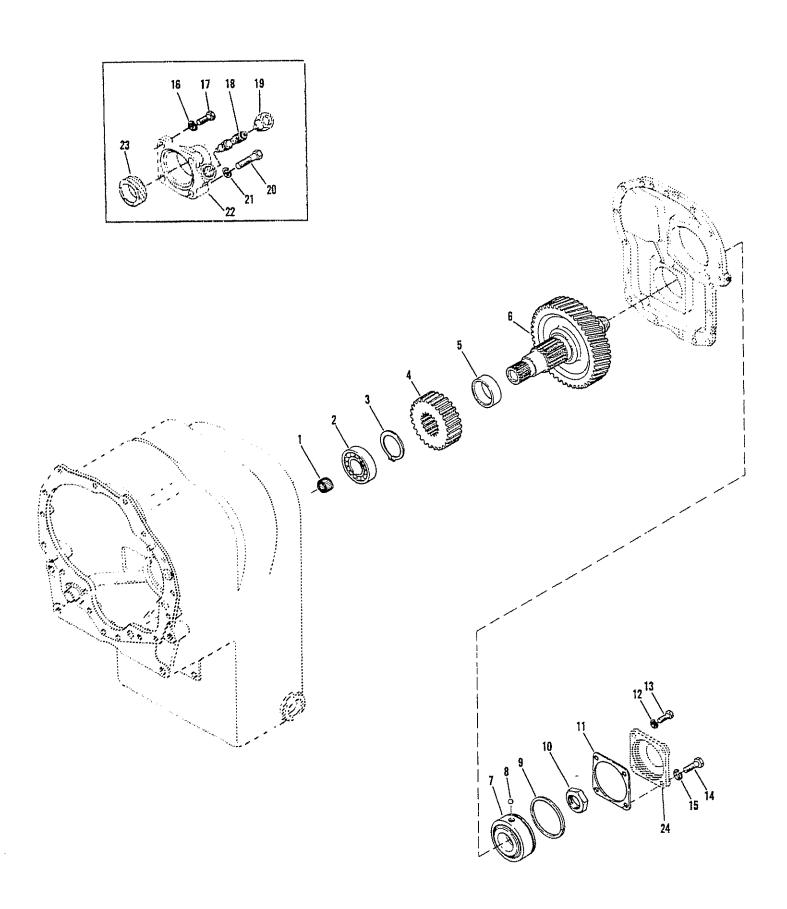


32000 FORWARD & 2ND CLUTCH SHAFT GROUP WITH STEP SEALED PISTON



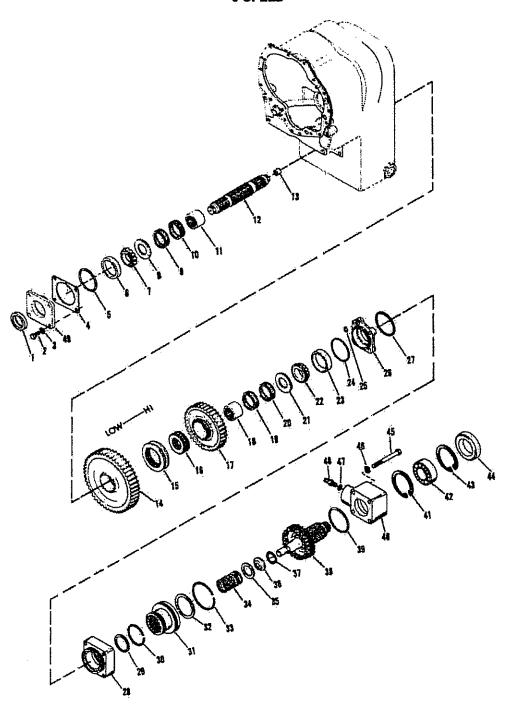


32000 GROUP-IDLER SHAFT



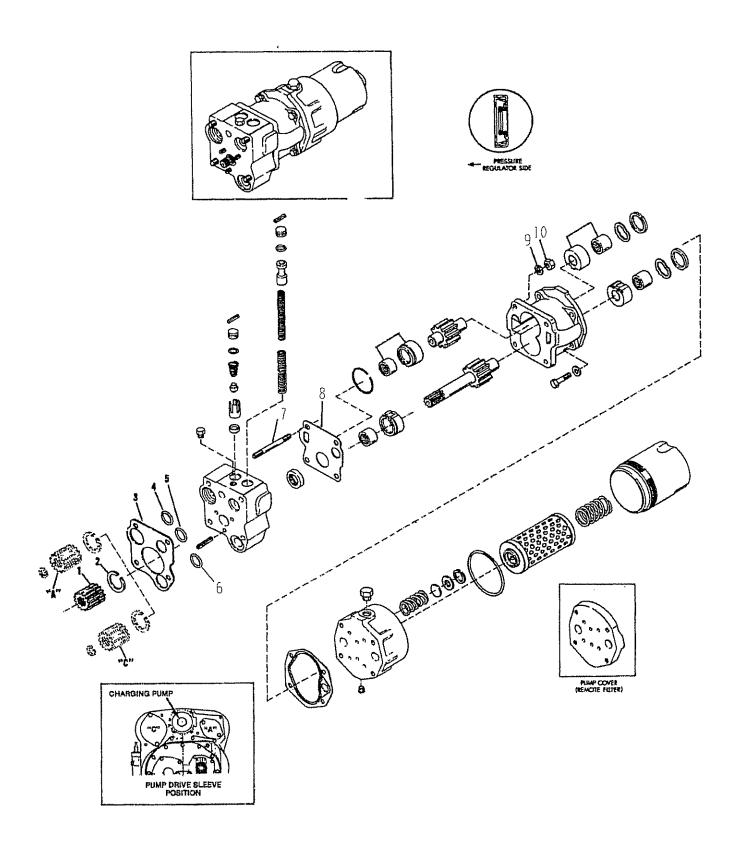


OUTPUT SHAFT GROUP - REAR DISCONNECT 8 SPEED



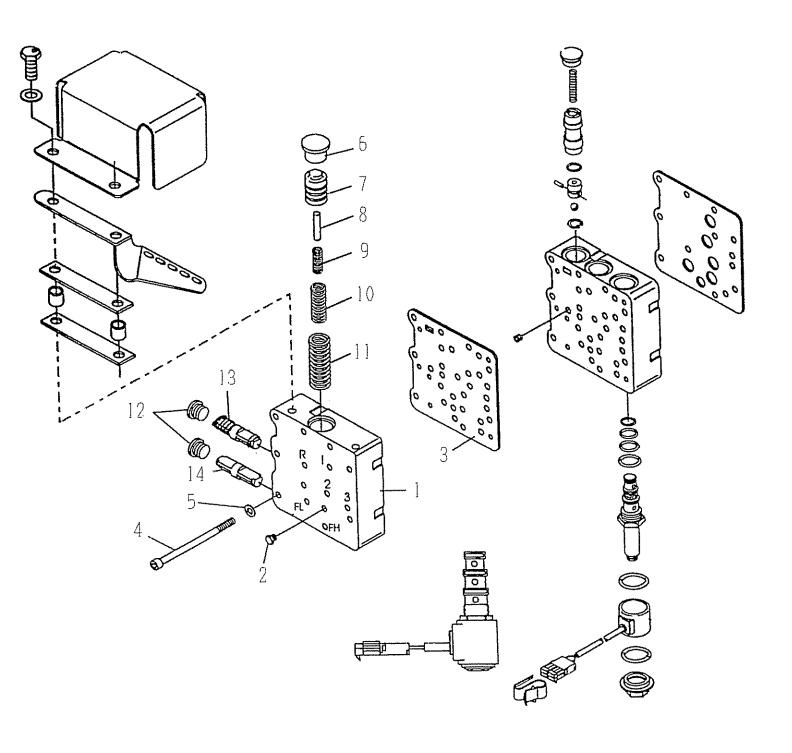


32000 PRESSURE REGULATOR VALVE & CHARGING PUMP GROUP



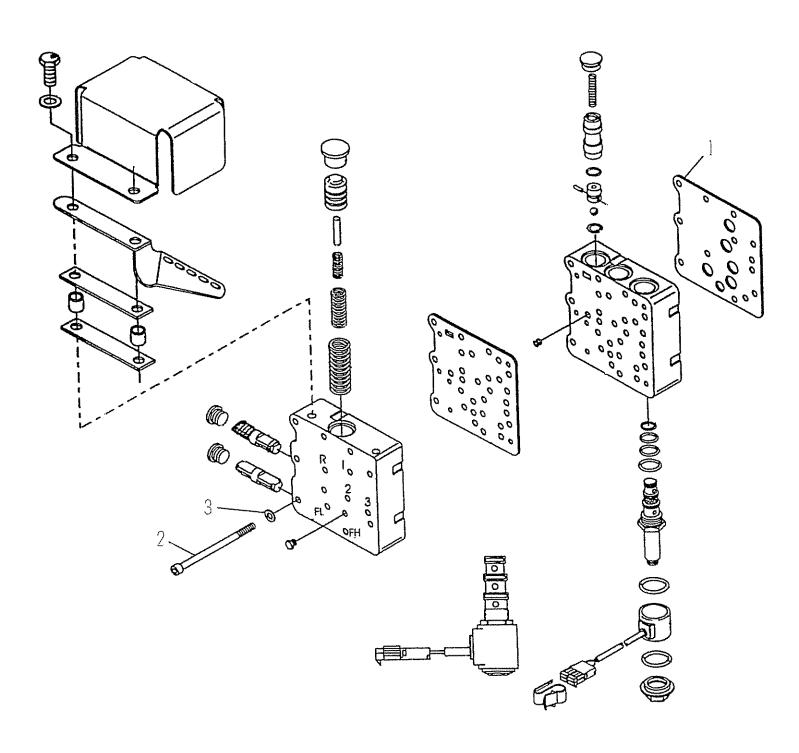


ASSY-ELECTRIC CONTROL VALVE



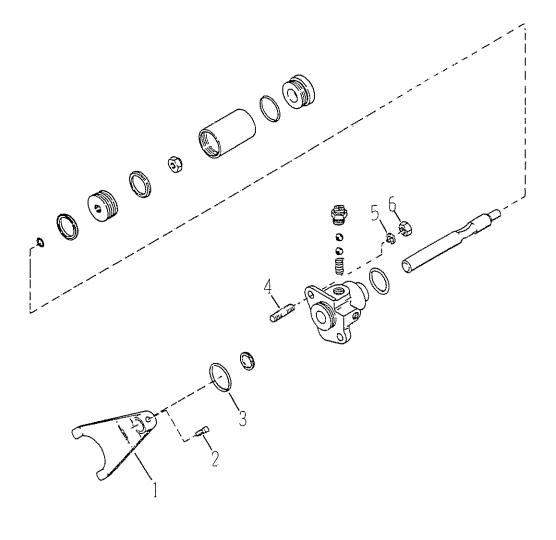


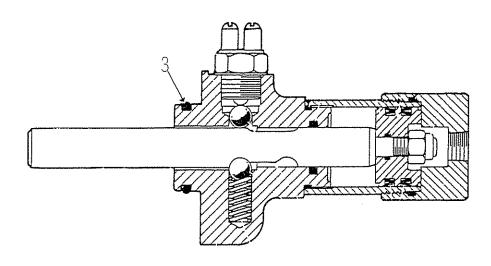
GROUP-CONTROL VALVE ATTACH PARTS



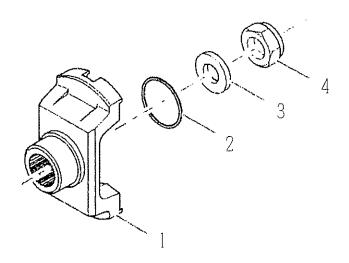


34000 GROUP-RANGE SHIFT

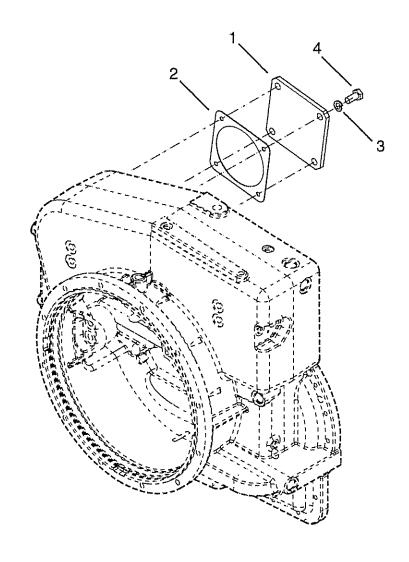




OUTPUT FLANGE GROUP

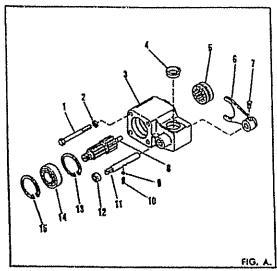


TE17 SHIPPING COVER GROUP

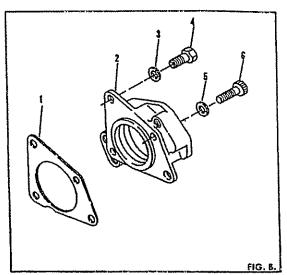




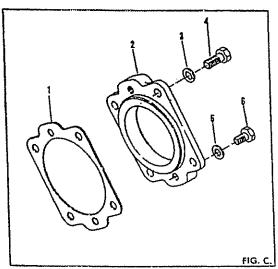
R & HR 28000 SERIES-VARIOUS OPTIONS (FOR ADDITIONAL OPTIONS SEE REVERSE SIDE)



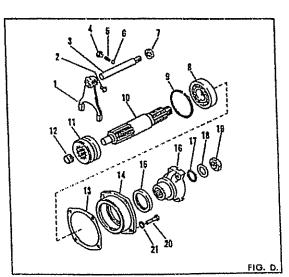
DISCONNECT ASSEMBLY



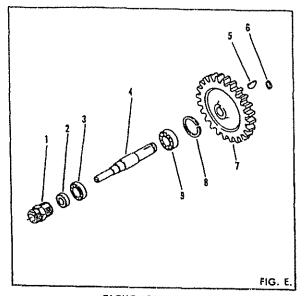
"A" SIZE TO "B" SIZE PUMP ADAPTOR

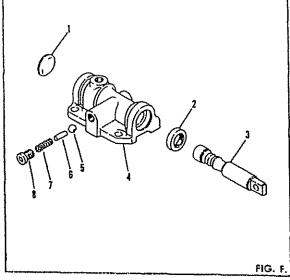


"B" SIZE PUMP ADAPTOR



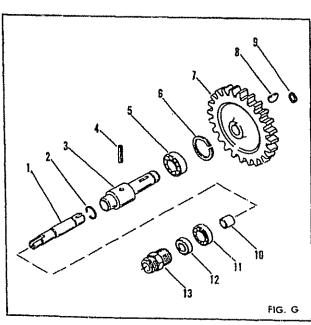
FORWARD & REVERSE P.T.O.





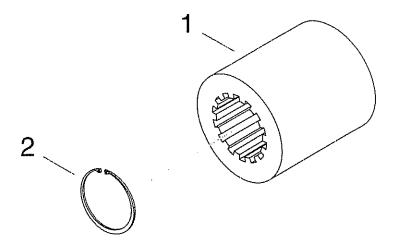
TACHOMETER DRIVE

LOCK-UP CONTROL



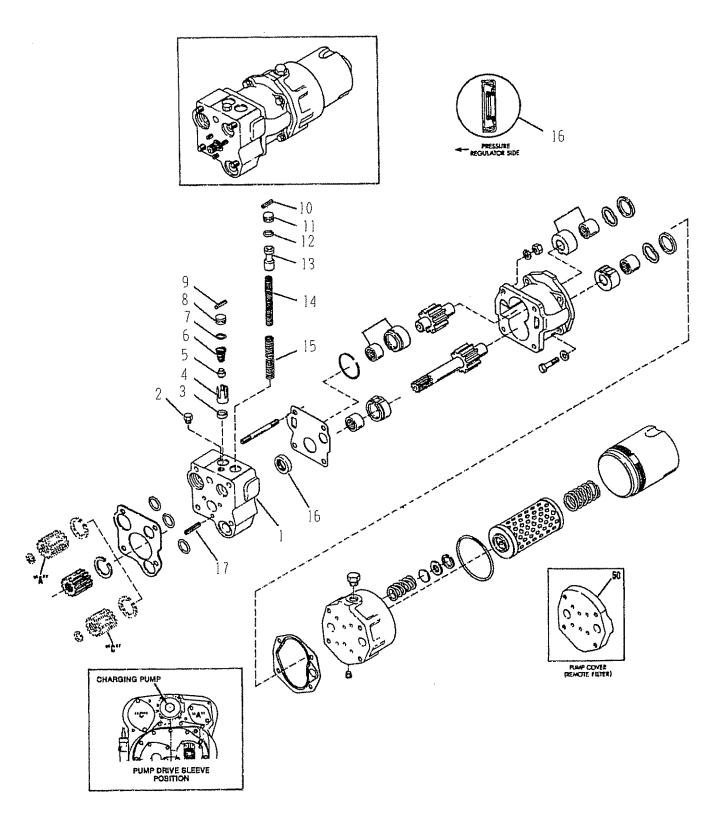
GOVERNOR DRIVE

TE32 ASSY-PUMP DRIVE ADAPTOR SLEEVE & SNAP RING



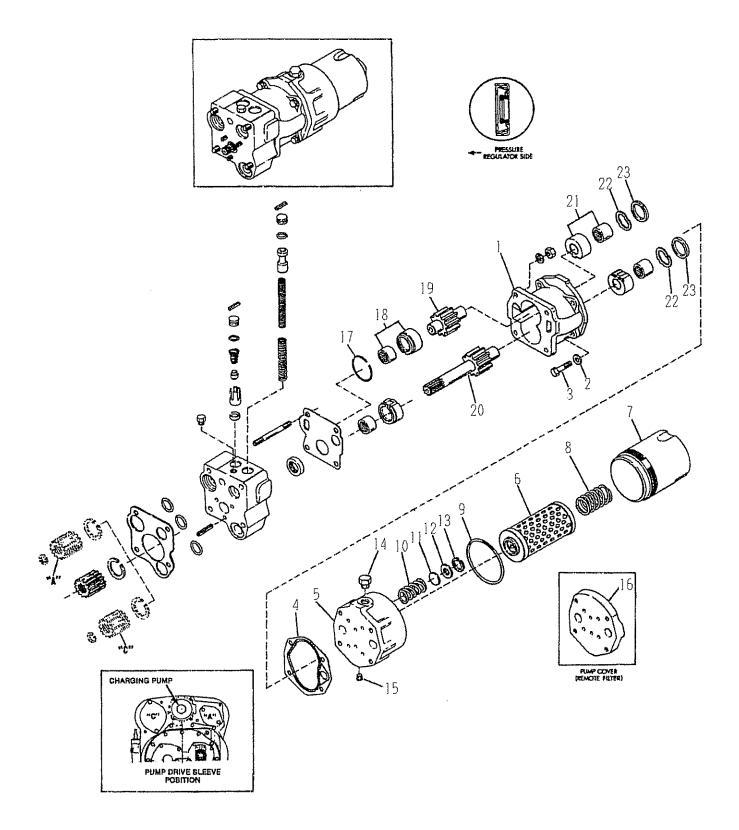


32000 ASSY-PRESSURE REGULATING VALVE



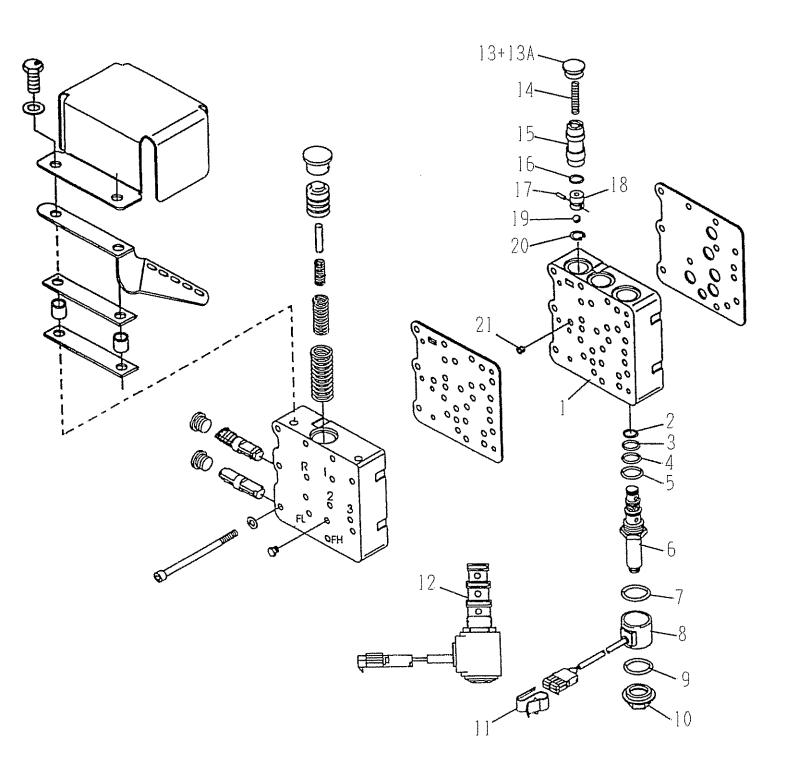


32000 ASSY-CHARGING PUMP AND FILTER



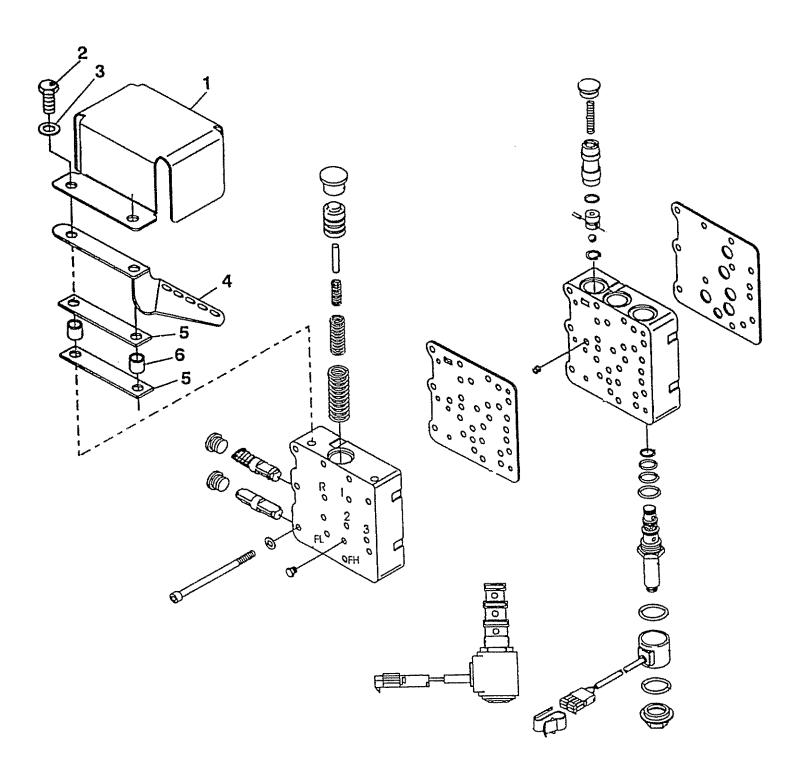


ASSY-ELECTRIC CONTROL VALVE



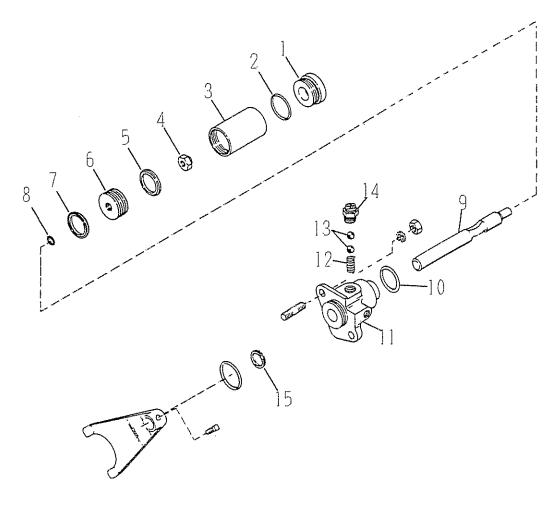


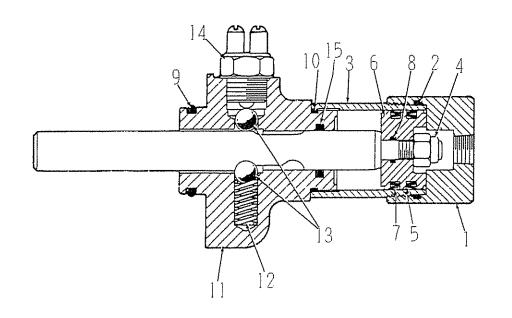
GROUP-CONTROL VALVE DUST COVER



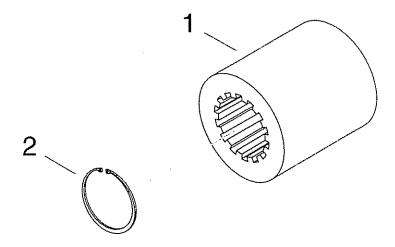


34000 ASSEMBLY-SHIFT CYLINDER





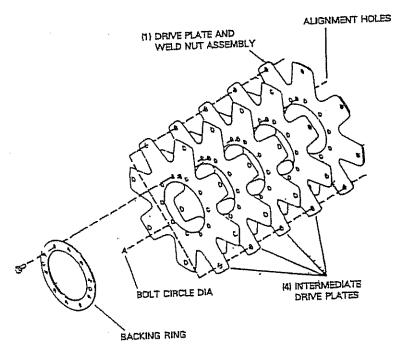
TE32 ASSY-PUMP DRIVE ADAPTOR SLEEVE & SNAP RING





SUBJECT: 28000/32000 Series Transmission and C-270/C-320 Series Converter Drive Plate Kits. REASON FOR BULLETIN: Proper Identification by Bolt Circle Diameter.

Measure the "A" dimension (Bolt Circle diameter) and order Drive Plate Kit listed below.



"A" Dimension (Bolt Circle Diameter)

13.125" [333,375 mm] Diameter

Kit No. 802335

13.50" [342,900 mm] Diameter

Kit No. 802333

17.00" [431,800 mm] Diameter

Kit No. 802454

Each kit will include the following parts:

- 4 Intermediate Drive Plates
- Drive Plate and Weld Nut Assembly.
- Backing Ring.
- Screw and Lockwasher Assembly. 10
- 1 Instruction Sheet.

TO FACILITATE ASSEMBLY, AUGN SMALL HOLES IN DRIVE PLATES - SEE ILLUSTRATION ABOVE.

Position drive plate and weld nut assembly on impeller cover with weld nuts toward cover. Align intermediate drive plate and backing ring with holes in impeller cover. NOTE Two dimples 180° apart in backing ring must be out (toward engine flywheel). Install capscrews and washers. Tighten 23 to 25 it. lbs. torque [31,2 - 33,8 N.m].

Over for TRANSMISSION TO ENGINE INSTALLATION PROCEDURE

TRANSMISSION TO ENGINE INSTALLATION PROCEDURE

Remove all burrs from flywheel mounting face and nose pilot bore. Clean drive plate surface with solvent.

- Check engine flywheel and housing for conformance to standard S.A.E. #3 S.A.E. J-927 tolerance specifications for pilot bore size, pilot bore runout and mounting face flatness. Measure and record engine crankshaft end play.
- Install two 3.50 [88,90 mm] long transmission to flywheel housing guide studs in the engine flywheel housing as shown. Rotate the engine flywheel to align a drive plate mounting screw hole with the flywheel housing access hole.
- Install a 4.00 [101,60 mm] long drive plate locating stud .3750-24 fine thread in a drive plate nut. Align the locating stud in the drive plate with the flywheel drive plate mounting screw hole positioned in step No. 3.
- Locate transmission on flywheel housing aligning drive plate to flywheel and transmission to flywheel housing.

Install transmission to flywheel housing screws. Tighten screws to specified torque, Remove transmission to engine guide studs. Install remaining screws and tighten to specified torque.

- Remove drive plate locating stud.
- 7. Install drive plate attaching screw and washer. Snug screw but do not tighten. Some engine flywheel housings have a hole located on the flywheel housing circumference in line with the drive plate screw access hole. A screwdriver or pry bar used to hold the drive plate against the flywheel will facilitate installation of the drive plate screws. Rotate the engine flywheel and install the remaining seven (7) flywheel to drive plate attaching screws. Snug screws but do not tighten. After all eight (8) screws are installed torque each one 25 to 30 ft. lbs: torque [33,9 40,6 N.m.). This will require torquing each screw and rotating the engine flywheel until the full amount of eight (8) screws have been tightened.
 - Measure engine crankshaft end play after transmission has been completely installed on engine flywheel. This value must be within .001 [0,025 mm] of the end play recorded in step No. 2.

