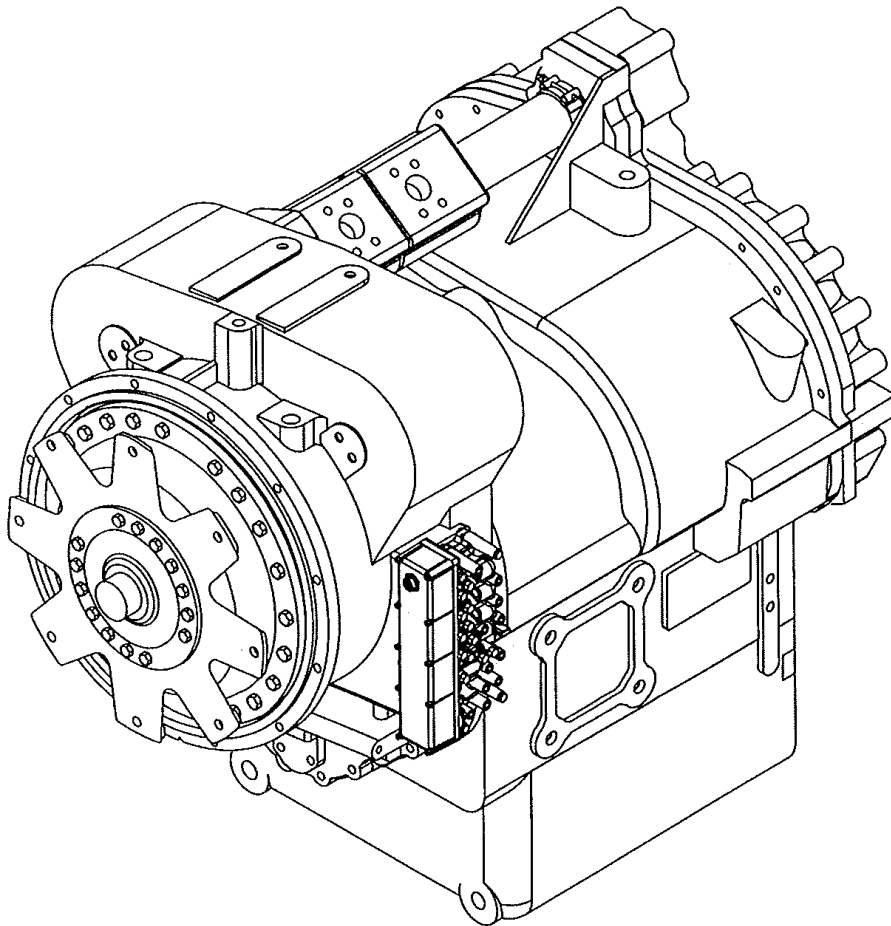
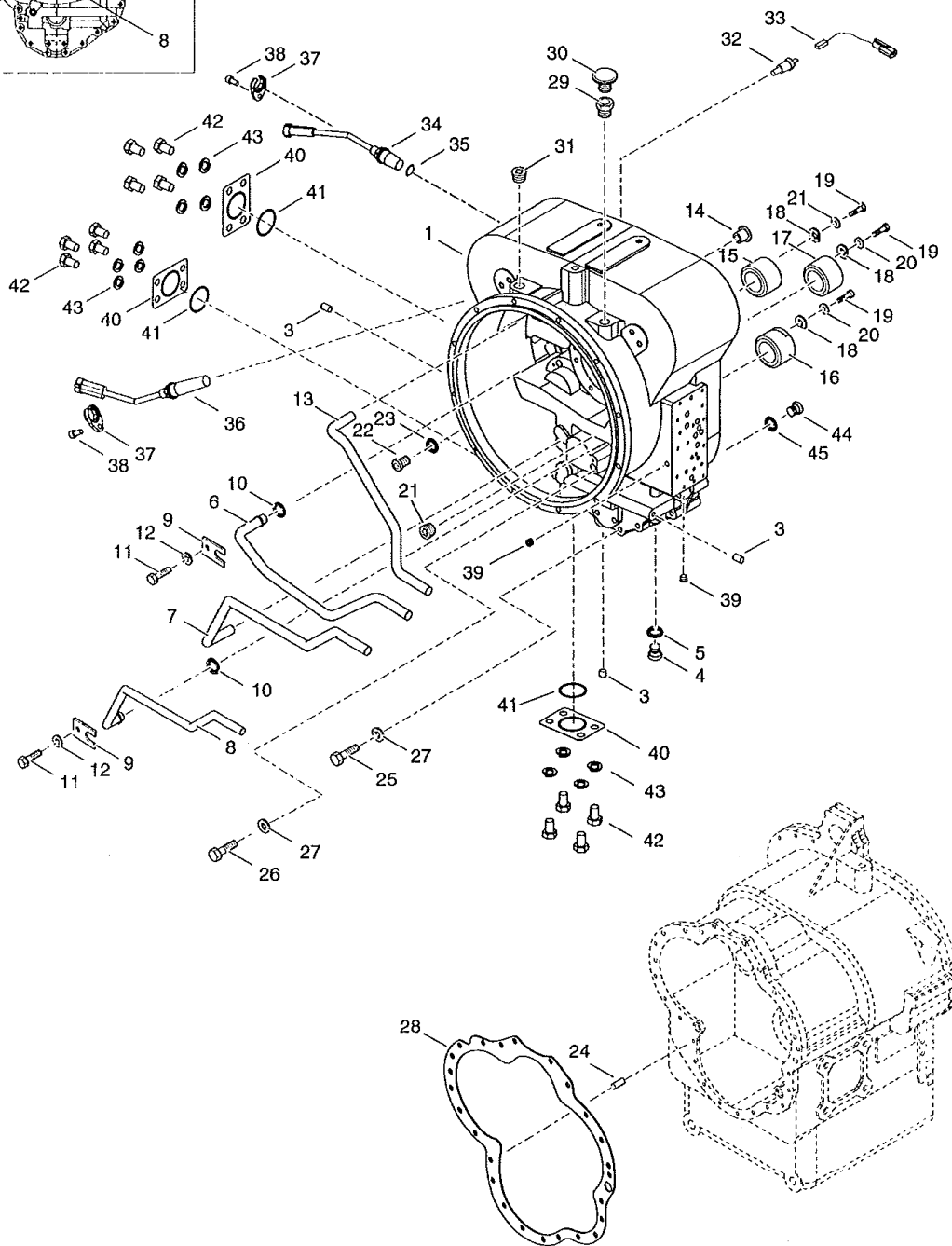
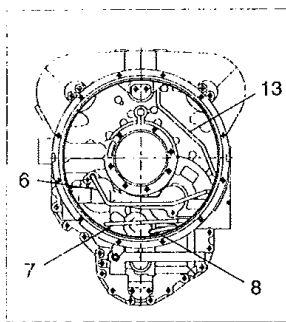


# TE32 Series

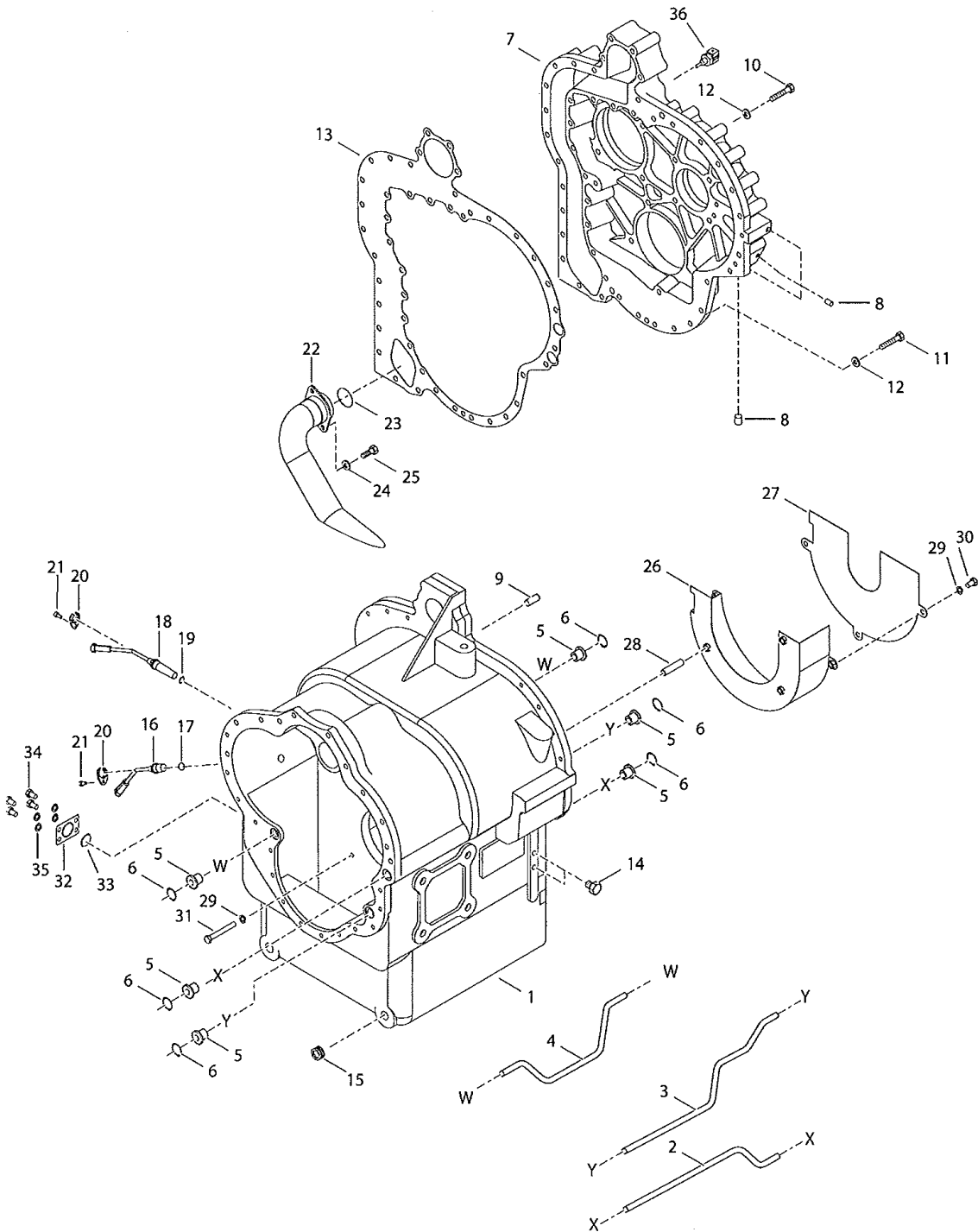


# TE32 CONVERTER HOUSING GROUP



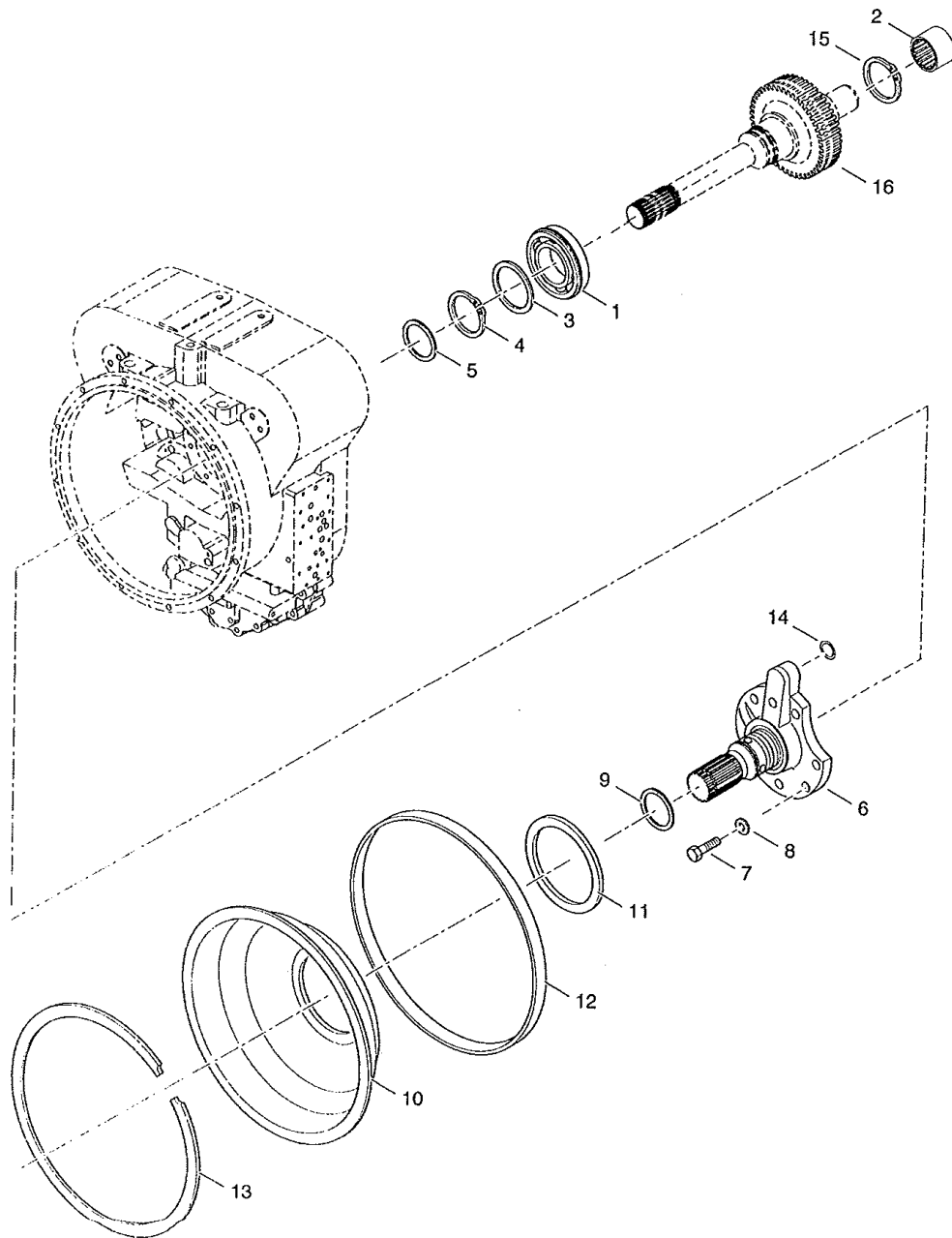
# TE32

## TRANSMISSION CASE GROUP

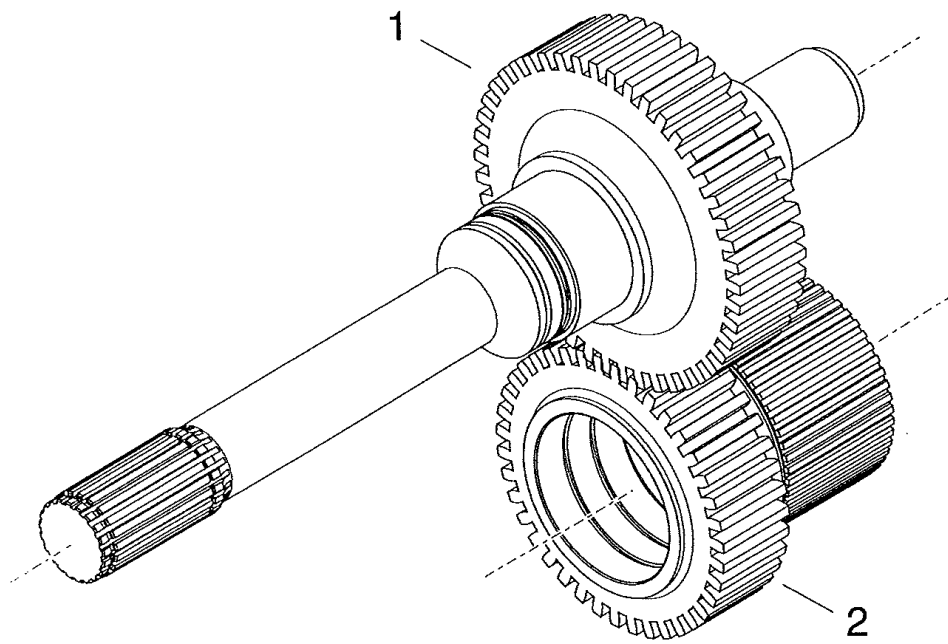


# TE32

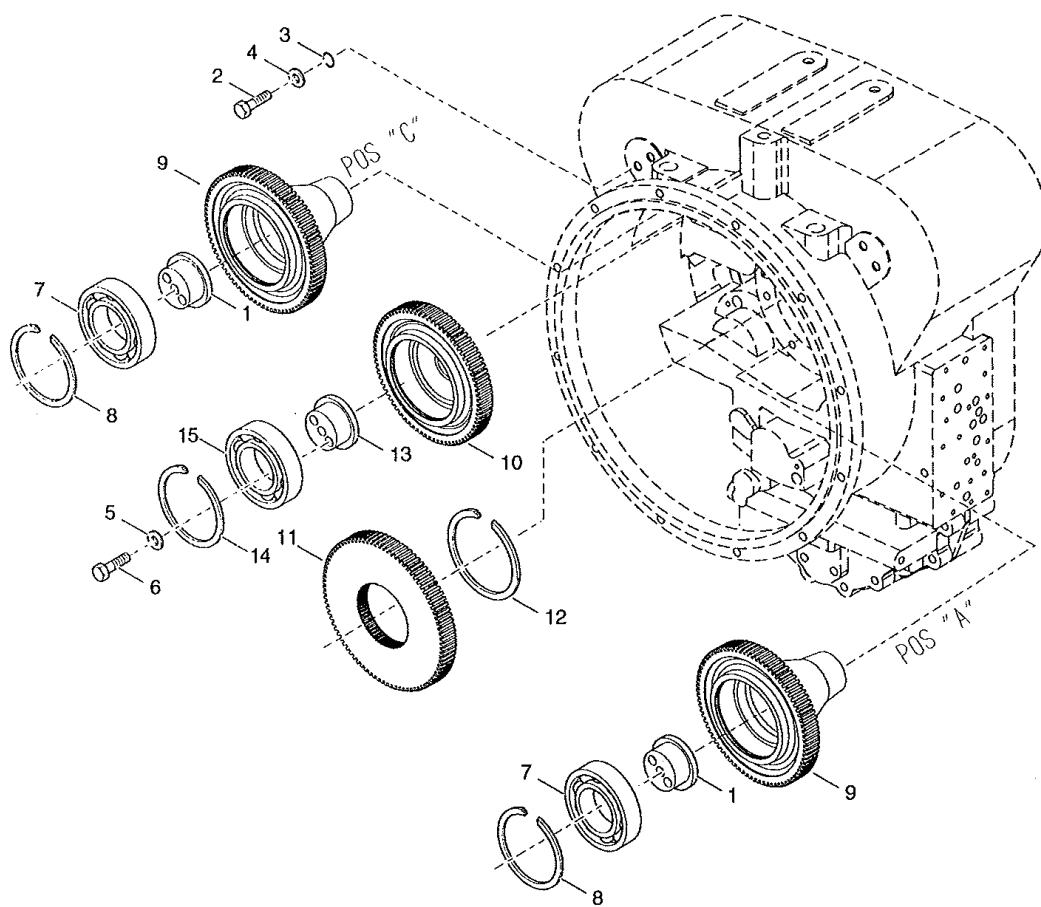
## TURBINE SHAFT GROUP



**TE32**  
**INPUT DRIVE GEAR GROUP**



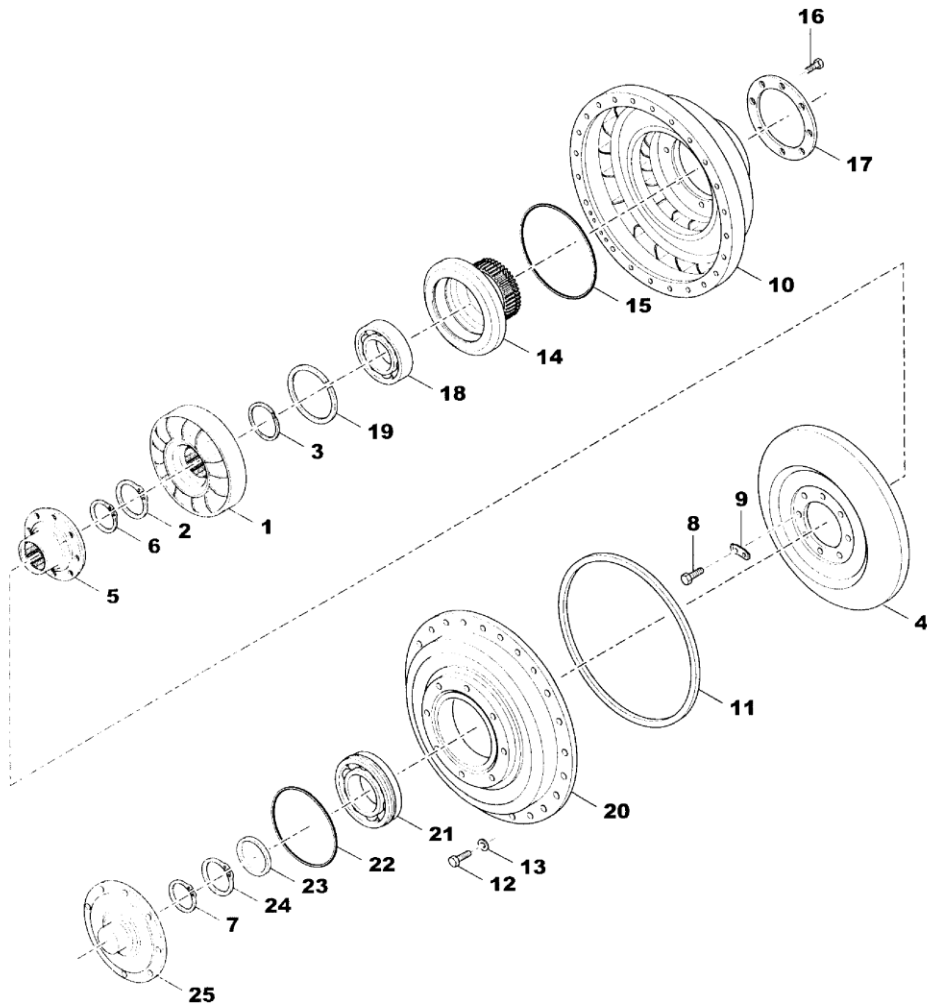
**TE32**  
**PUMP DRIVE GROUP**



GRPTE32052

# TE32

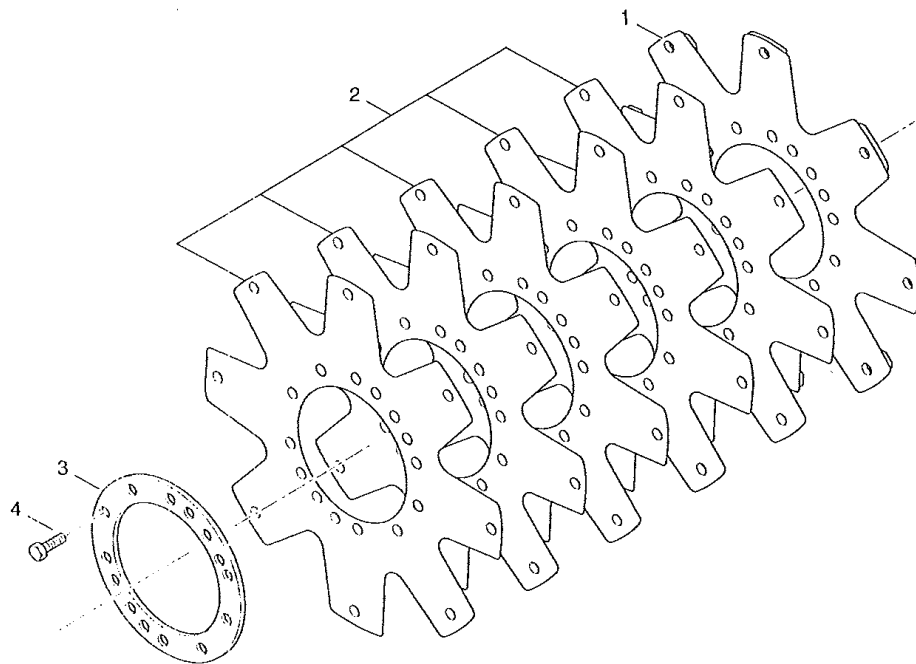
## WHEEL GROUP



GRP-TE32061 rev.092002

Wed Nov 19 08:37:28 2008 sv

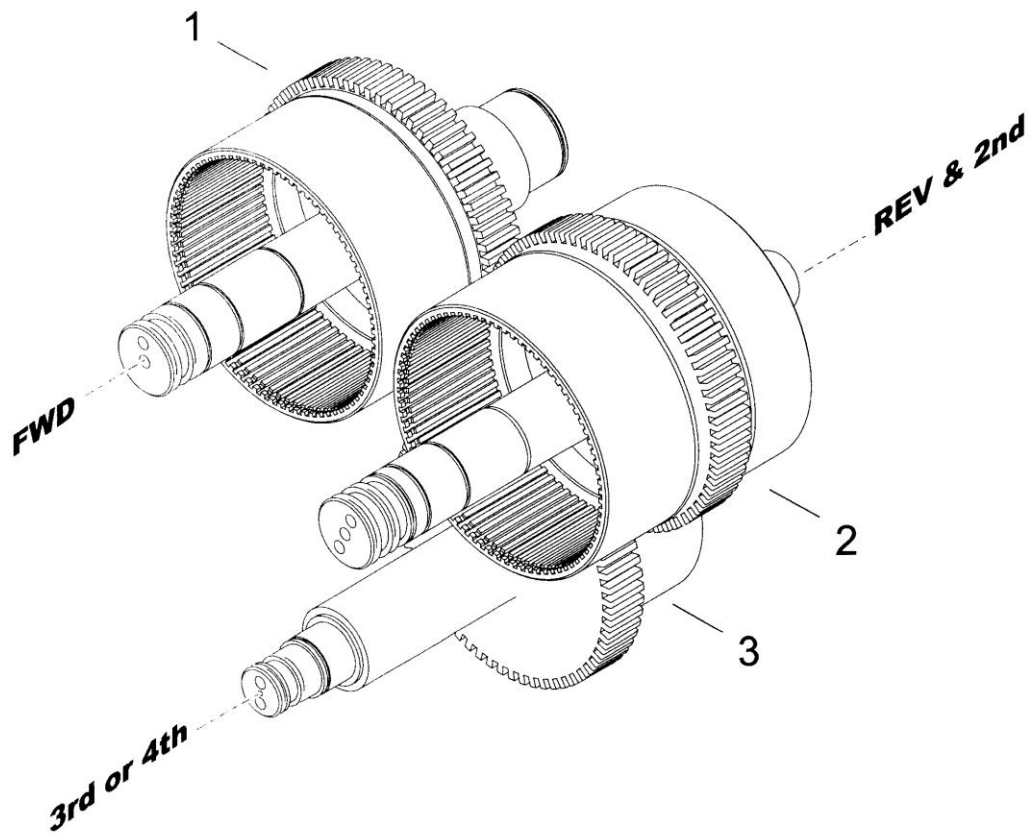
# T40000 DRIVE PLATE GROUP



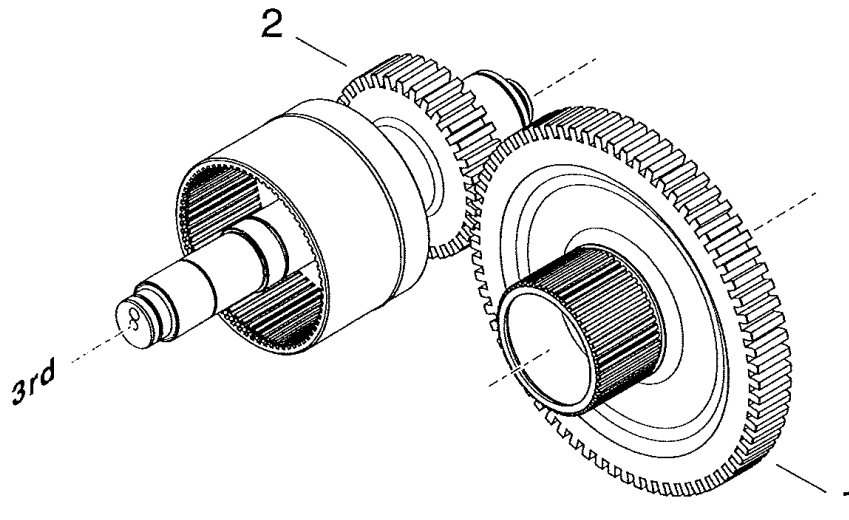


## TE32

FWD, REV/2nd & 3rd or 4th CLUTCH SHAFT ASSY GROUP

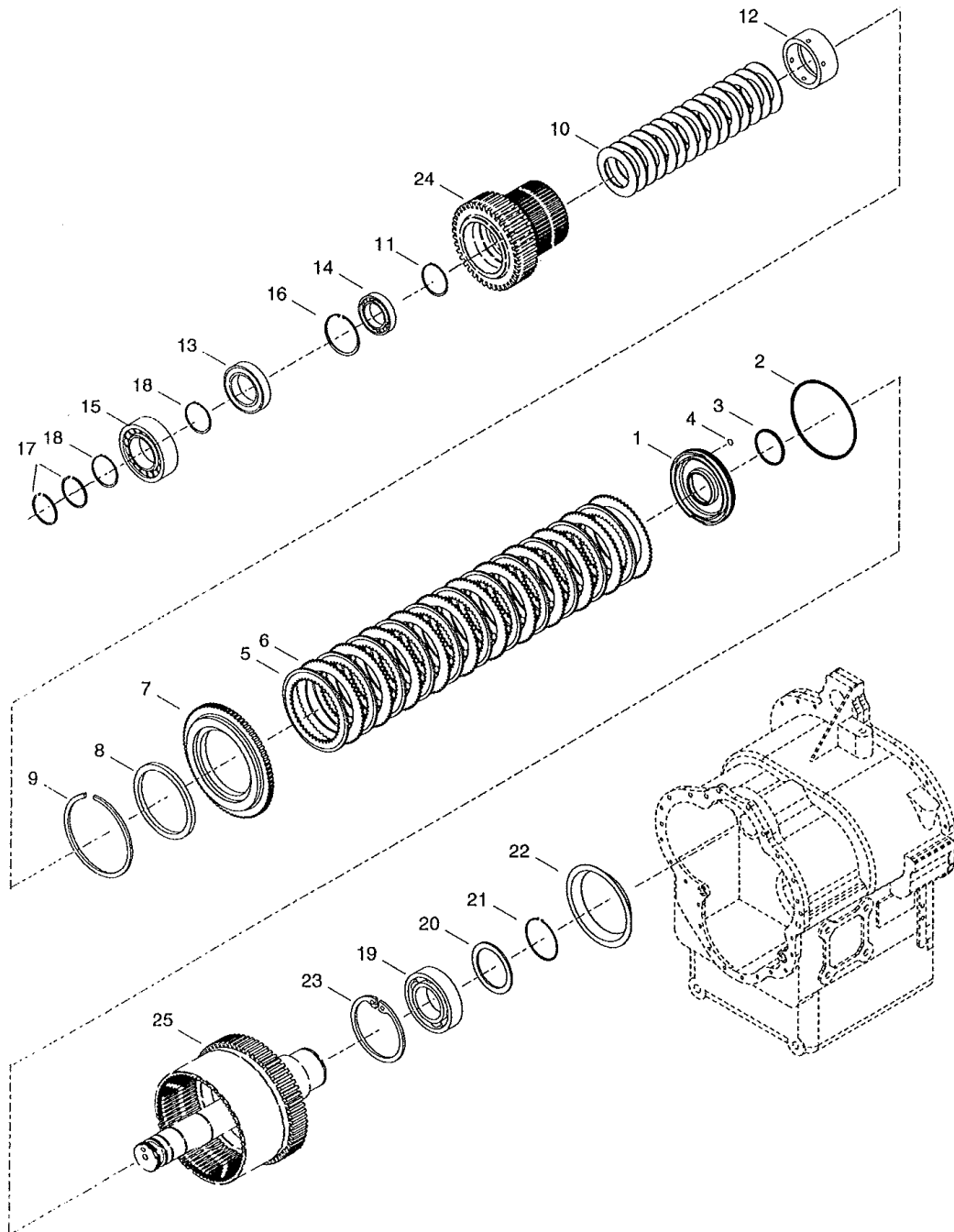


**TE32**  
**1ST GEAR GROUP**



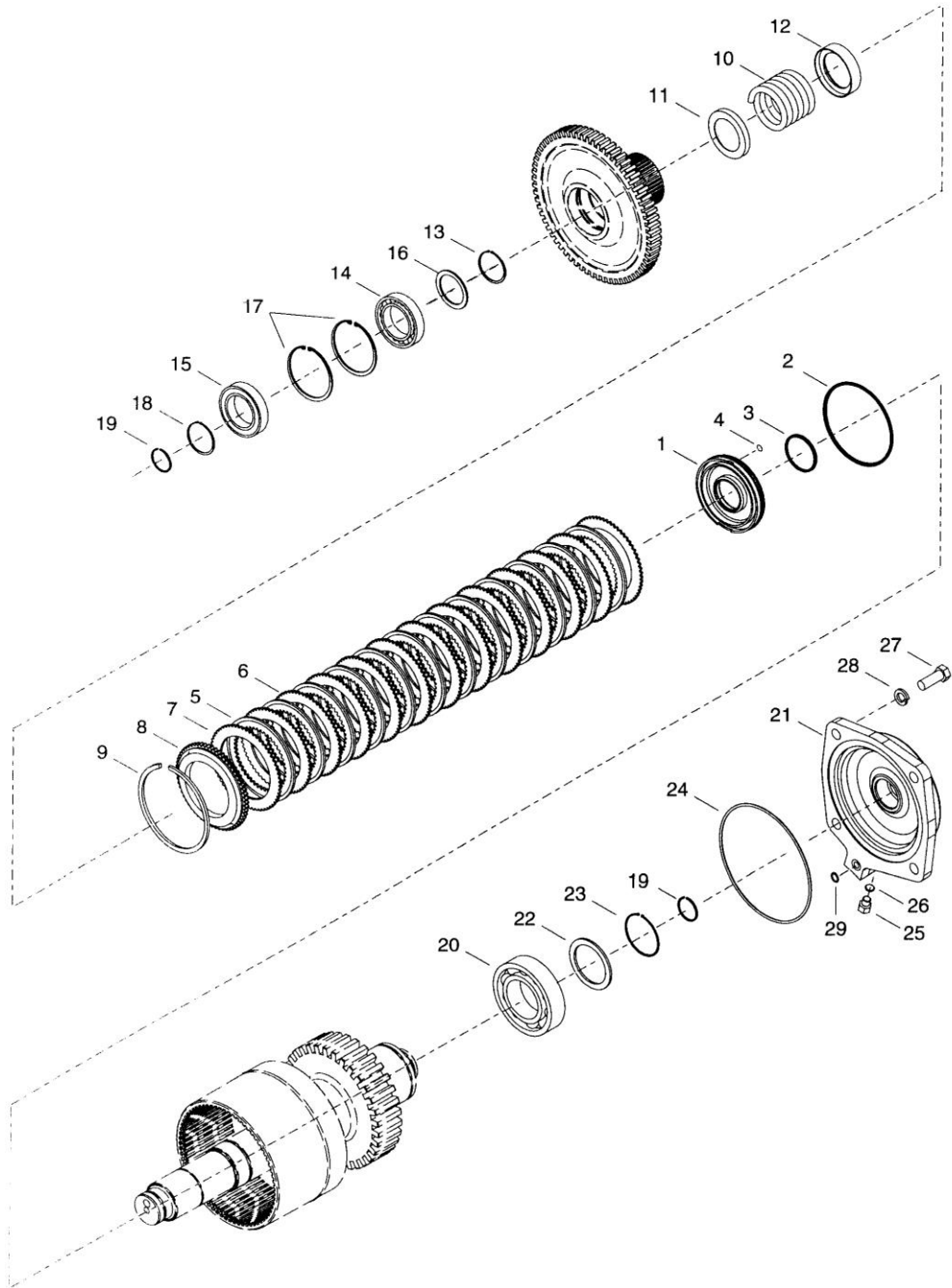
# TE32

## FORWARD CLUTCH SHAFT GROUP

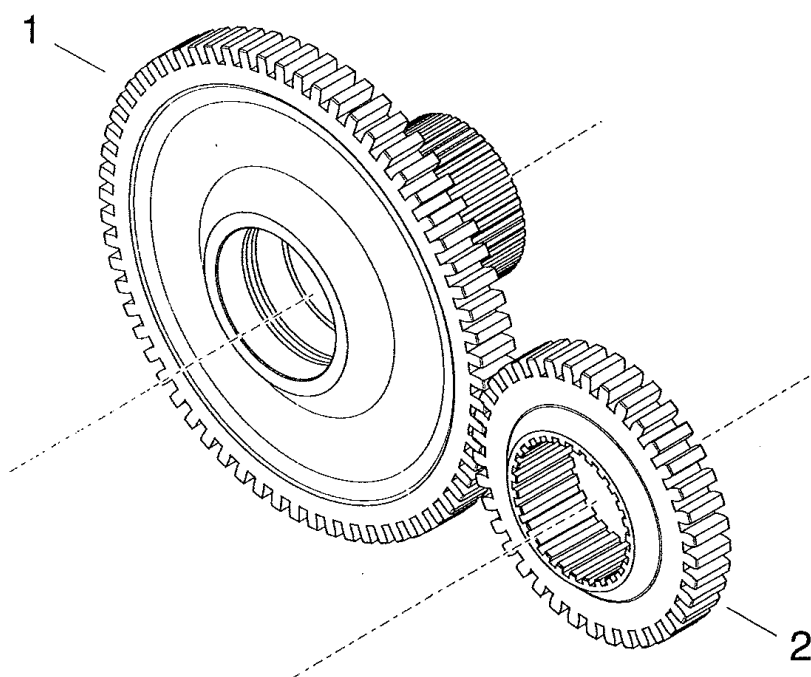


# TE32

## 3RD SPEED CLUTCH SHAFT GROUP

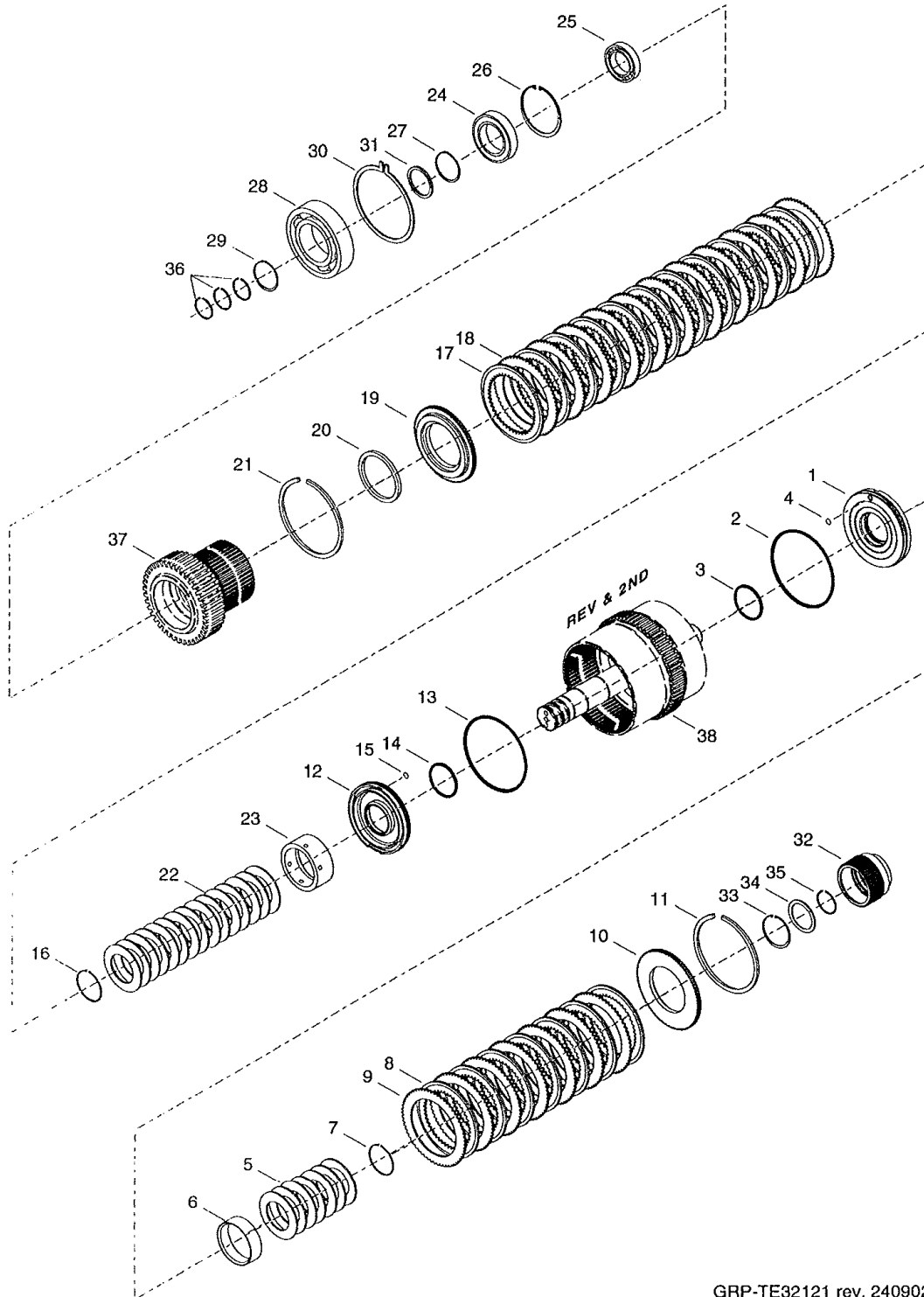


**TE32**  
**3RD SPEED GEAR GROUP**



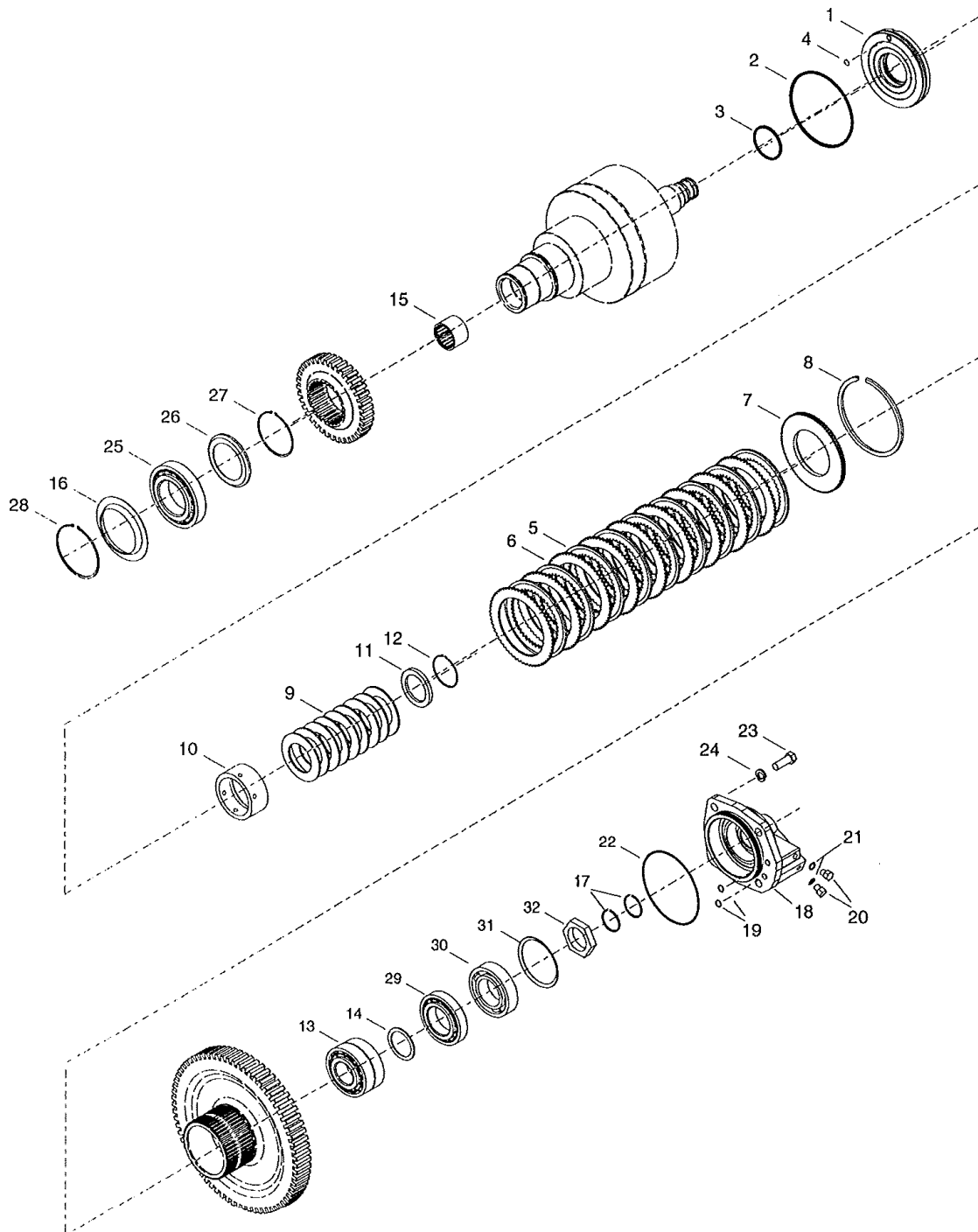
# TE32

## REV/2ND CLUTCH SHAFT GROUP



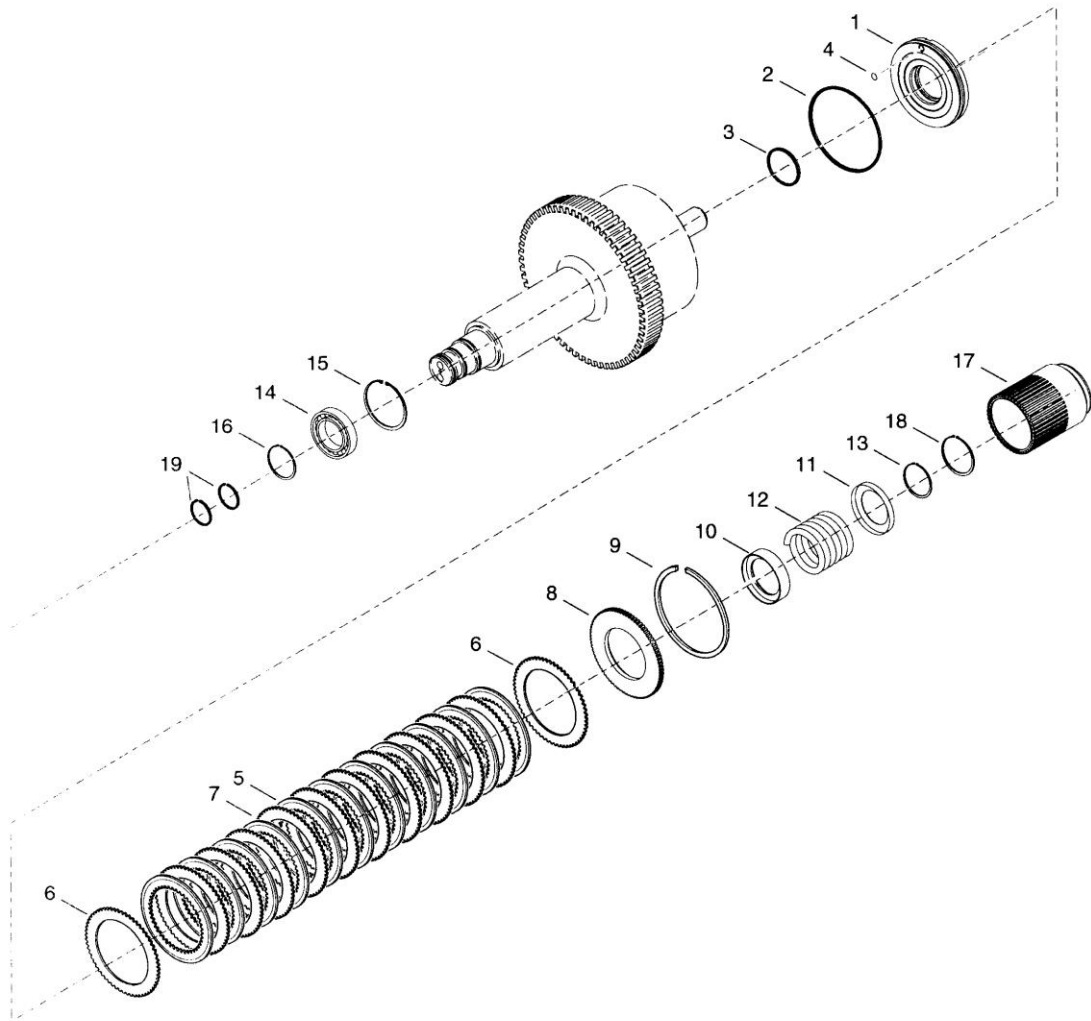
# TE32

## 1ST SPEED CLUTCH SHAFT GROUP



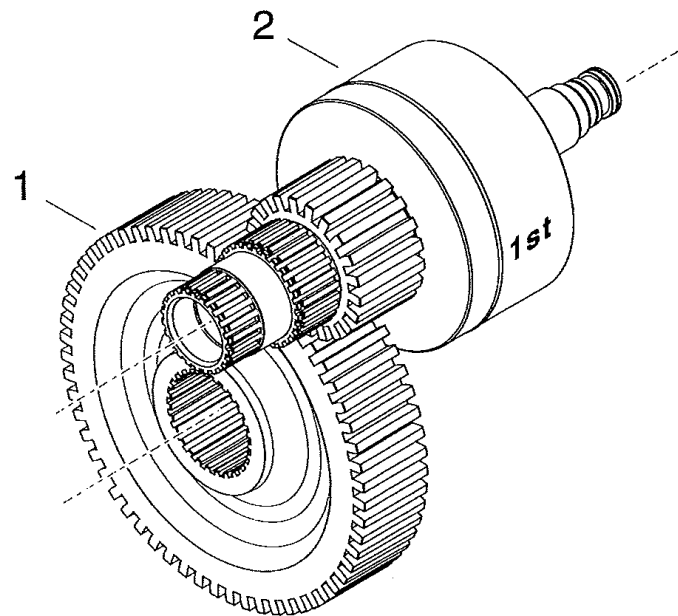
# TE32

## 4TH SPEED CLUTCH SHAFT GROUP



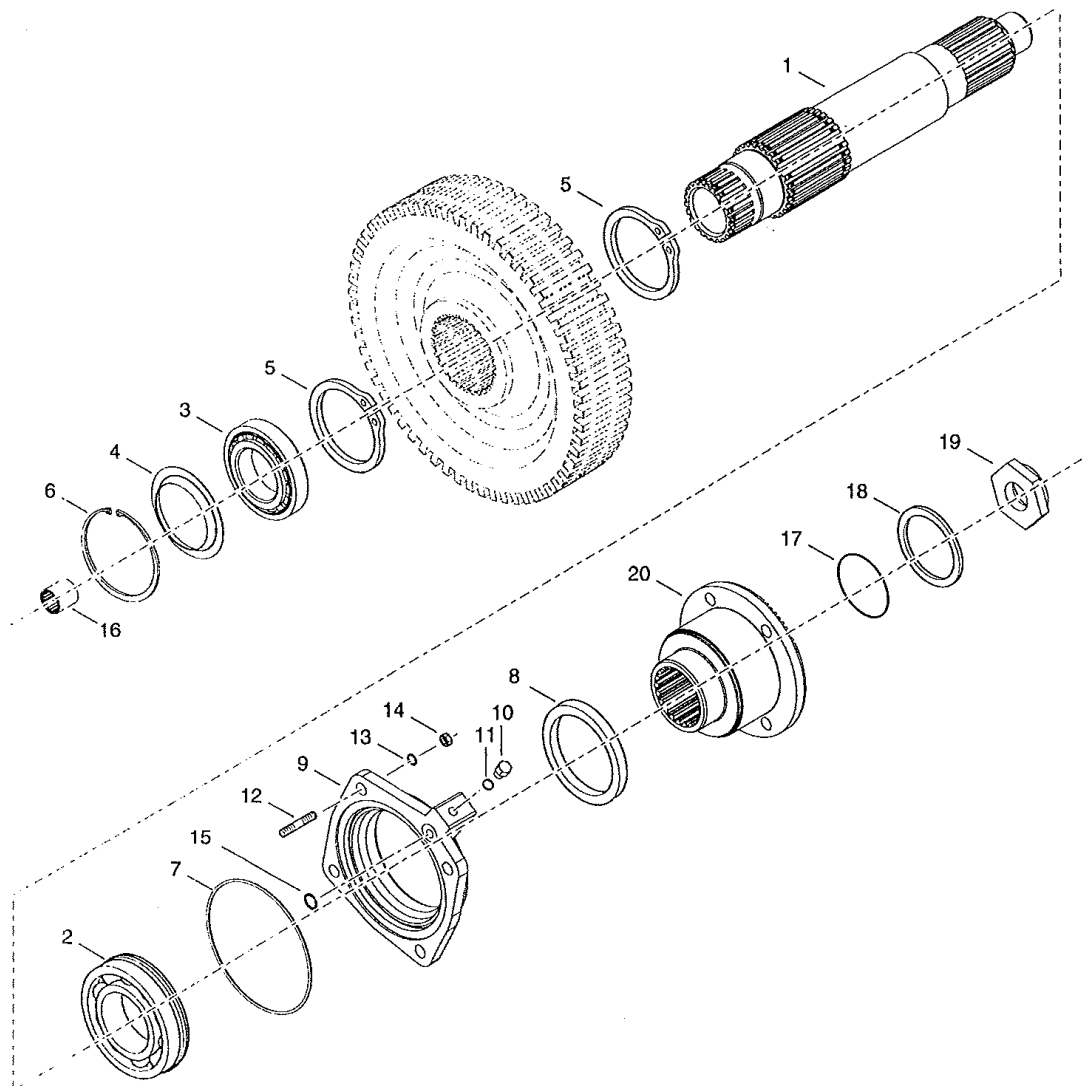


**TE32**  
**1ST SHAFT AND GEAR GROUP**



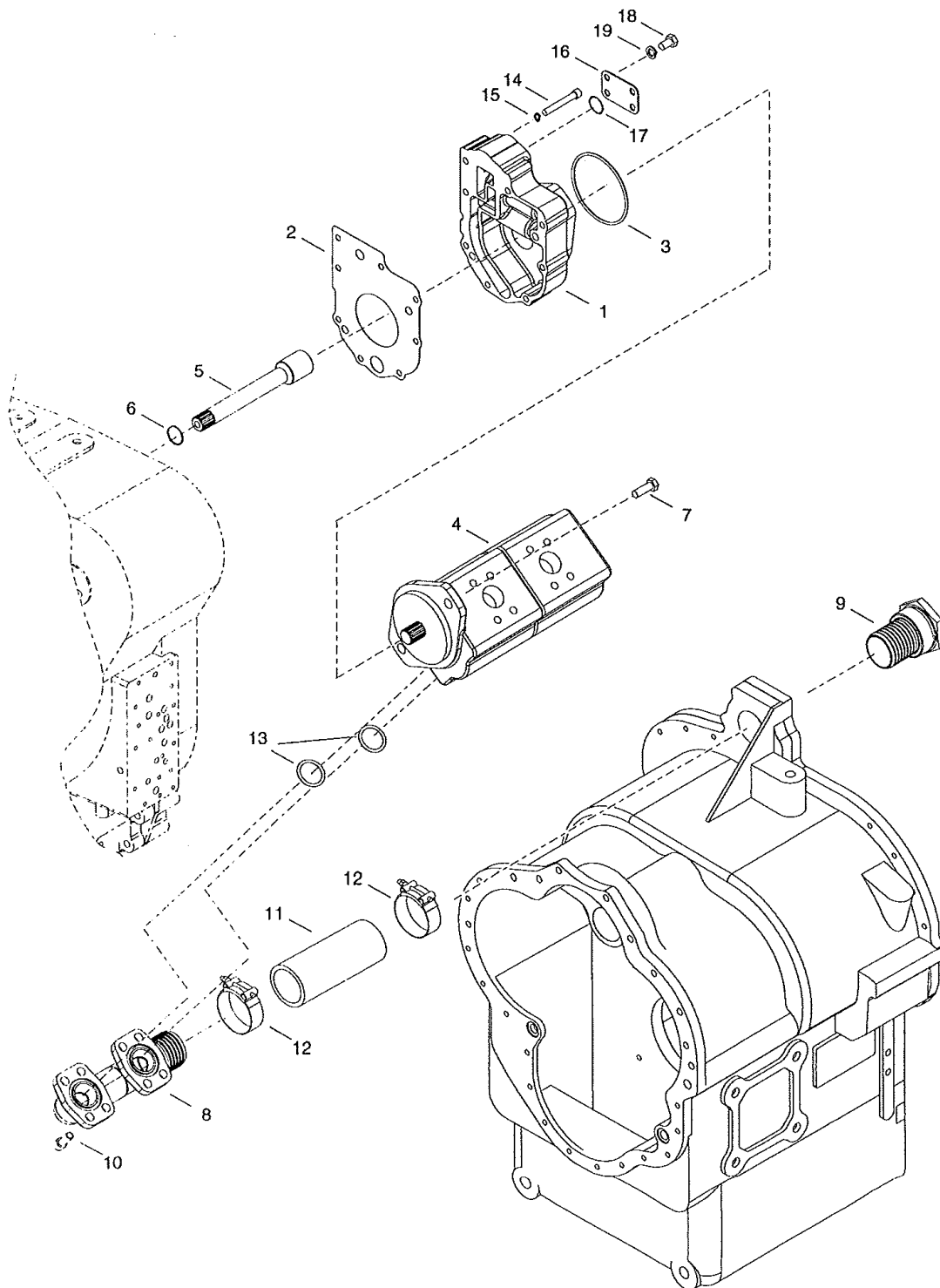
# TE32

## OUTPUT SHAFT GROUP



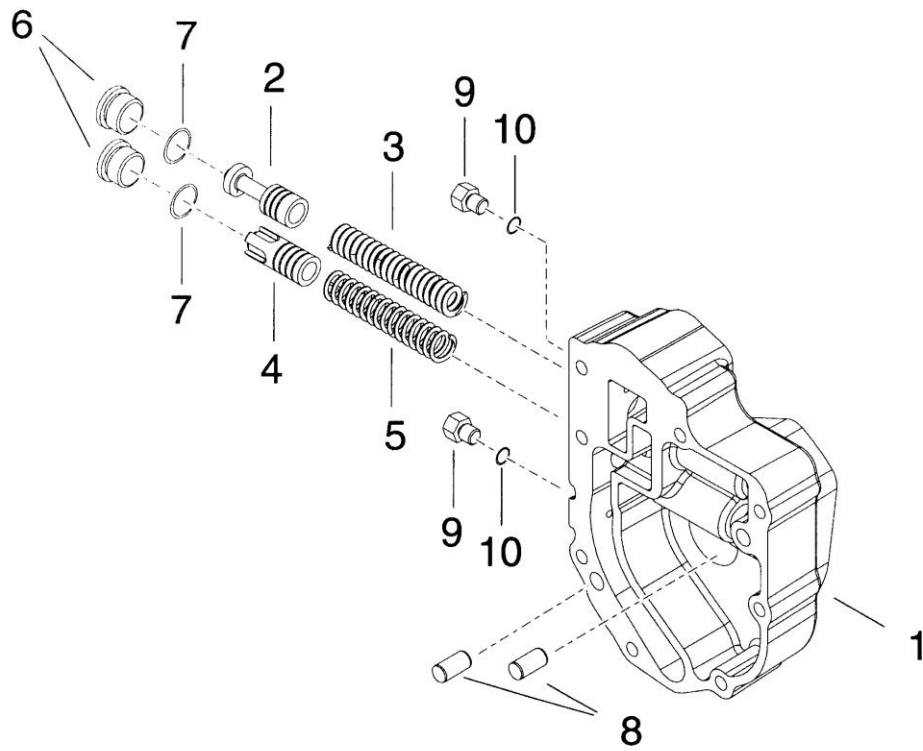
# TE32

## REGULATOR VALVE GROUP

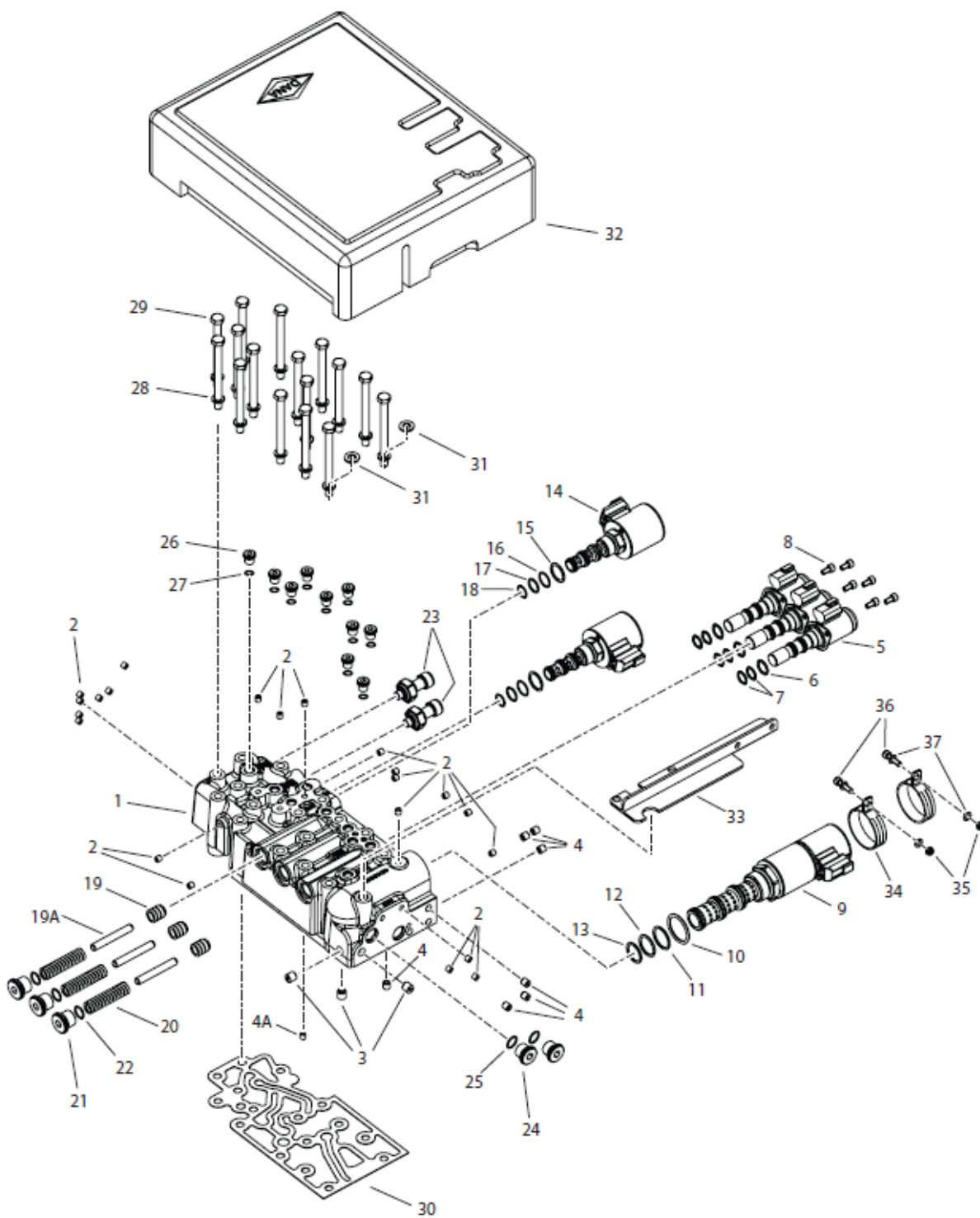


GRP-TE32171 rev. 240902

**TE32**  
**REGULATOR VALVE ASSEMBLY**



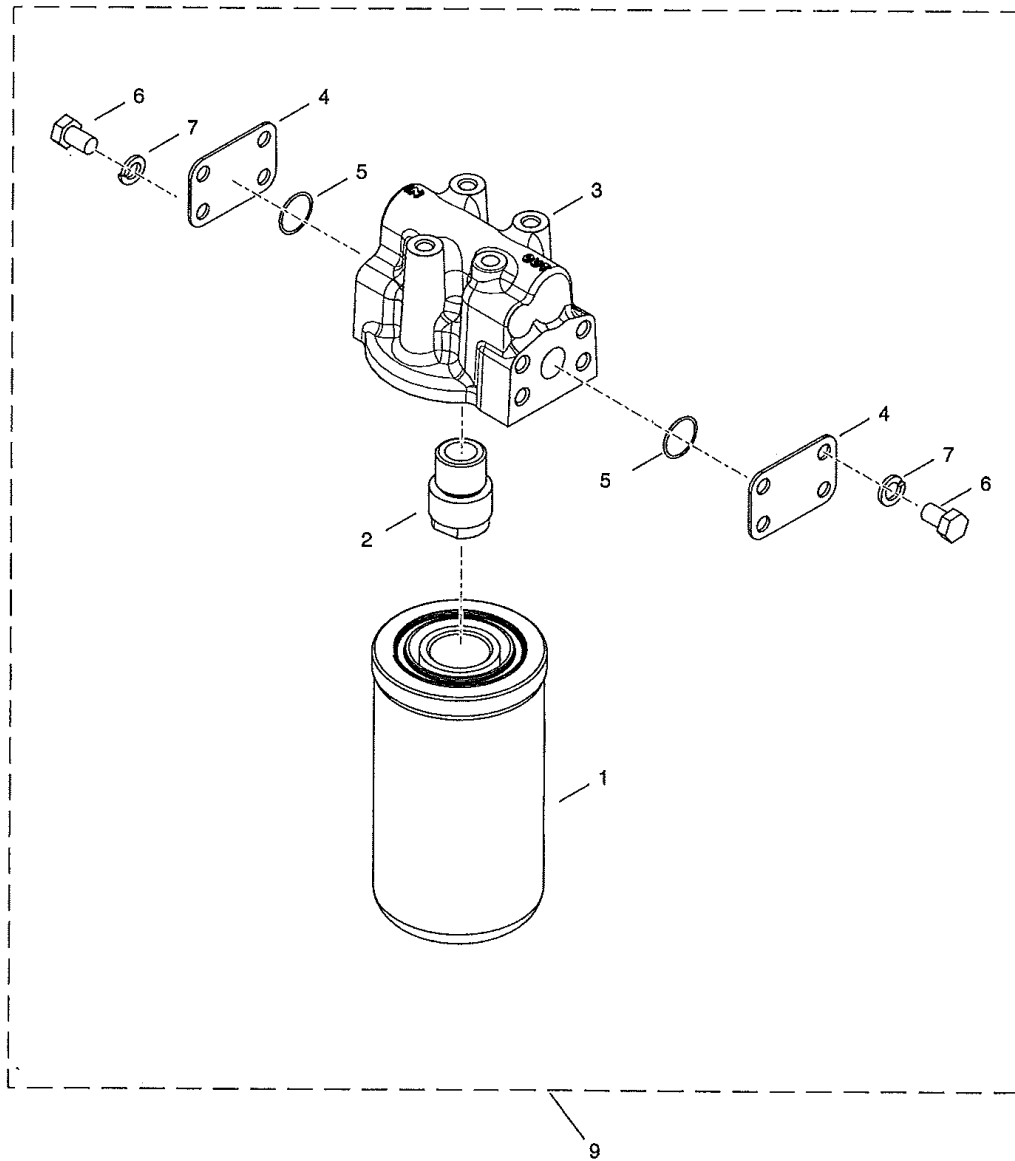
# TE32 GROUP - CONTROL VALVE



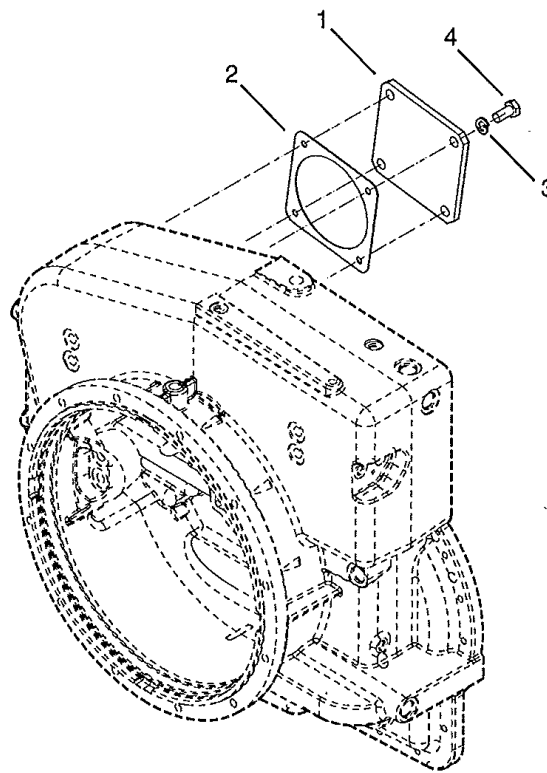
GRPTE32184

# TE32

## REMOTE FILTER ADAPTOR GROUP



**TE17**  
**SHIPPING COVER GROUP**



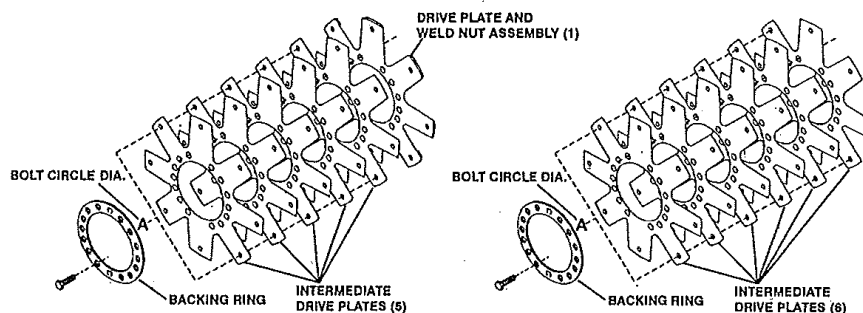


SPICER OFF-HIGHWAY PRODUCTS

HR34000 - 36000 - T40000 - TE27/32 Series Transmission  
C & CL5000/C & CL8000 Series Converter Drive Plate  
INSTALLATION INSTRUCTIONS

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)

15.00" [381,000 mm] diameter  
Kit No. 802587-10mm

16.00" [406,400 mm] diameter  
Kit No. 802558-10mm

16.00" [406,400 mm] diameter  
Kit No. 802590-7/16-20

16.875" [428,625 mm] diameter  
\*\* Kit No. 802609-7/16-20

17.00" [431,800 mm] diameter  
Kit No. 802593-10mm

17.00" [431,800 mm] diameter  
Kit No. 802562-7/16-20

Each kit will include the following parts:

- 5 Intermediate Drive Plates
- 1 Drive Plate Assembly
- 1 Backing Plate
- 14 Drive Plate Mounting Capscrews
- Instruction Sheet
- \*\* 1 pc. Drive Plate Mounting Spacer is included in Kit No. 802609.

"A" Dimension (Bolt Circle Diameter)

16.00" [406,400 mm] diameter  
Kit No. 802594 W/O Nuts

Each kit will include the following parts:

- 6 Intermediate Drive Plates
- 1 Backing Plate
- 14 Drive Plate Mounting Capscrews
- Instruction Sheet

NOTE: Assembly of flexplates must be completed within a 15 minute period from start of screw installation. If the screw is removed for any reason it must be replaced. The adhesive left in the tapped holes must be removed with the proper tap and cleaned with solvent. Dry the hole thoroughly and use a new screw for reinstallation.

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. Tighten capscrews 52-57 ft-lbs torque [70.4 - 77.1 N·m].

Over for TORQUE CONVERTER TO ENGINE INSTALLATION PROCEDURE





## TRANSMISSION TO ENGINE INSTALLATION PROCEDURE

1. Remove all burrs from flywheel mounting face and nose pilot bore. Clean drive plate surface with solvent. Dry thoroughly.
2. Check engine flywheel and housing for conformance to standard S.A.E. #1 - S.A.E J-927 and J-1033 tolerance specifications for pilot bore size, pilot bore runout and mounting face flatness. Measure and record engine crankshaft end play.
3. Install two 3.50 [88,90 mm] long converter 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.
4. Install a 4.00 [101,60 mm] long drive plate locating stud 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.
5. Locate converter on flywheel housing aligning drive plate to flywheel and converter to flywheel housing.  
Install converter to flywheel housing screws. Tighten screws to specified torque. Remove converter to engine guide studs. Install remaining screws and tighten to specified torque.
6. Remove drive plate locating stud.
7. Install drive plate attaching screw. 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, tighten each capscrow to the following torque- 7/16 capscrow 58-64 ft. lbs torque [78-86 N.m]; M-10 capscrows 48-55 ft. lbs torque [65-75 N.m]. This will require rotating the engine flywheel until the full amount of eight (8) screws have been tightened.
8. Measure engine crankshaft end play after converter 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.

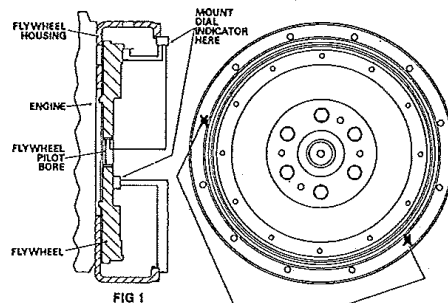


FIG 1

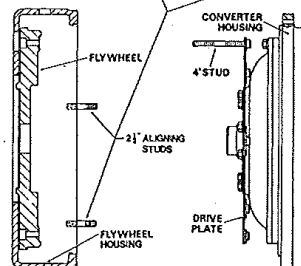


FIG 2

SPECIAL STUD, WASHER AND SELF LOCK NUT FURNISHED BY ENGINE MANUFACTURER.

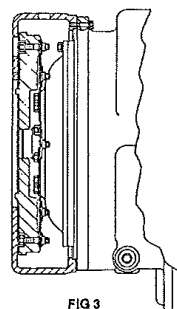


FIG 3

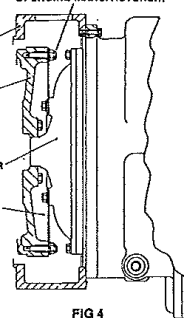


FIG 4

