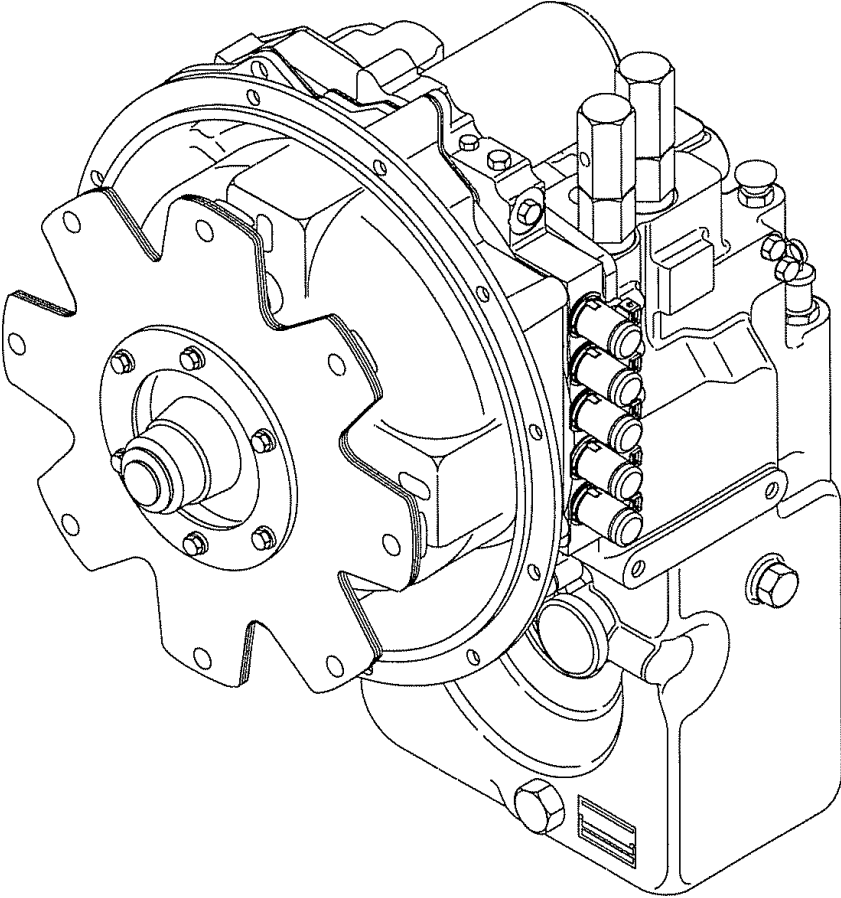
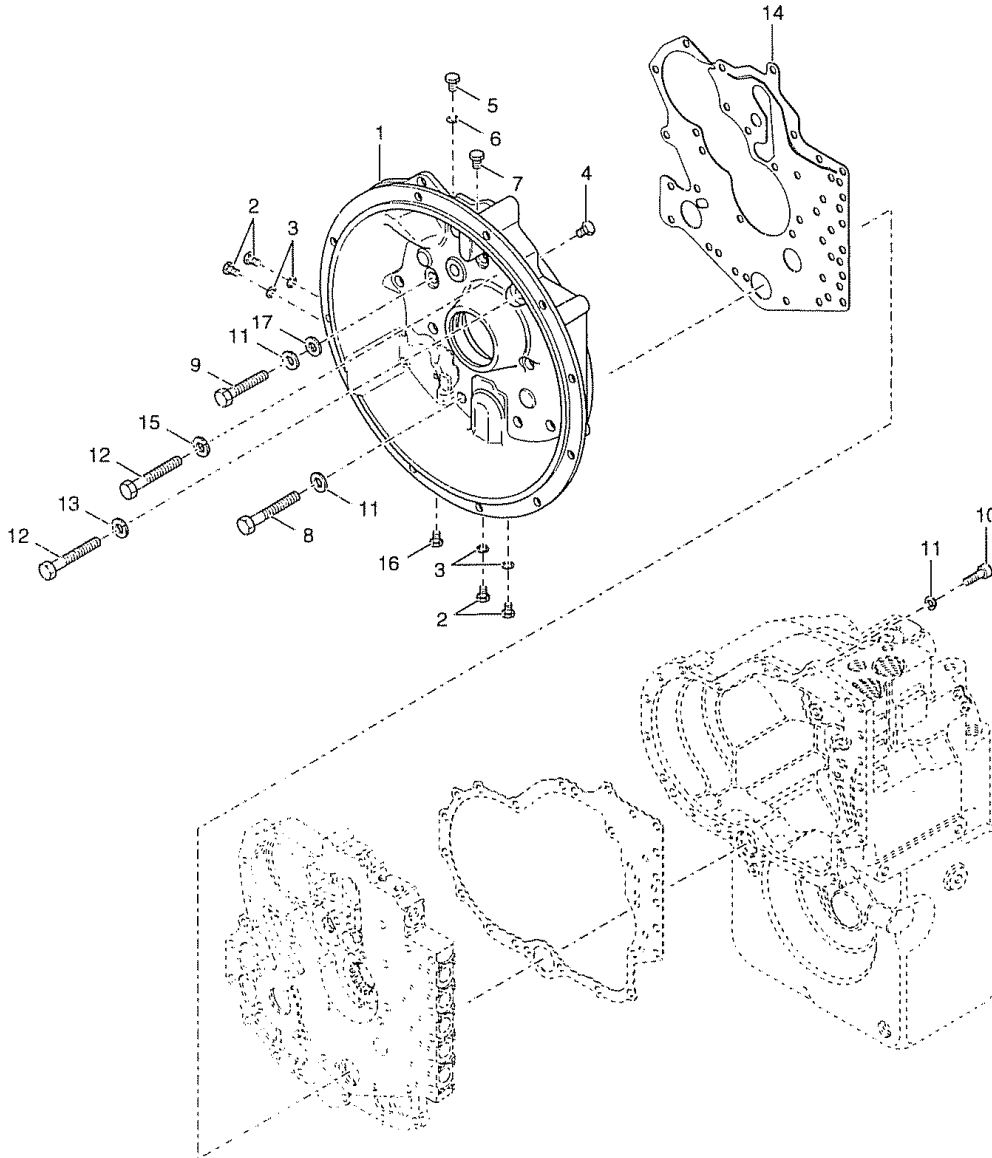


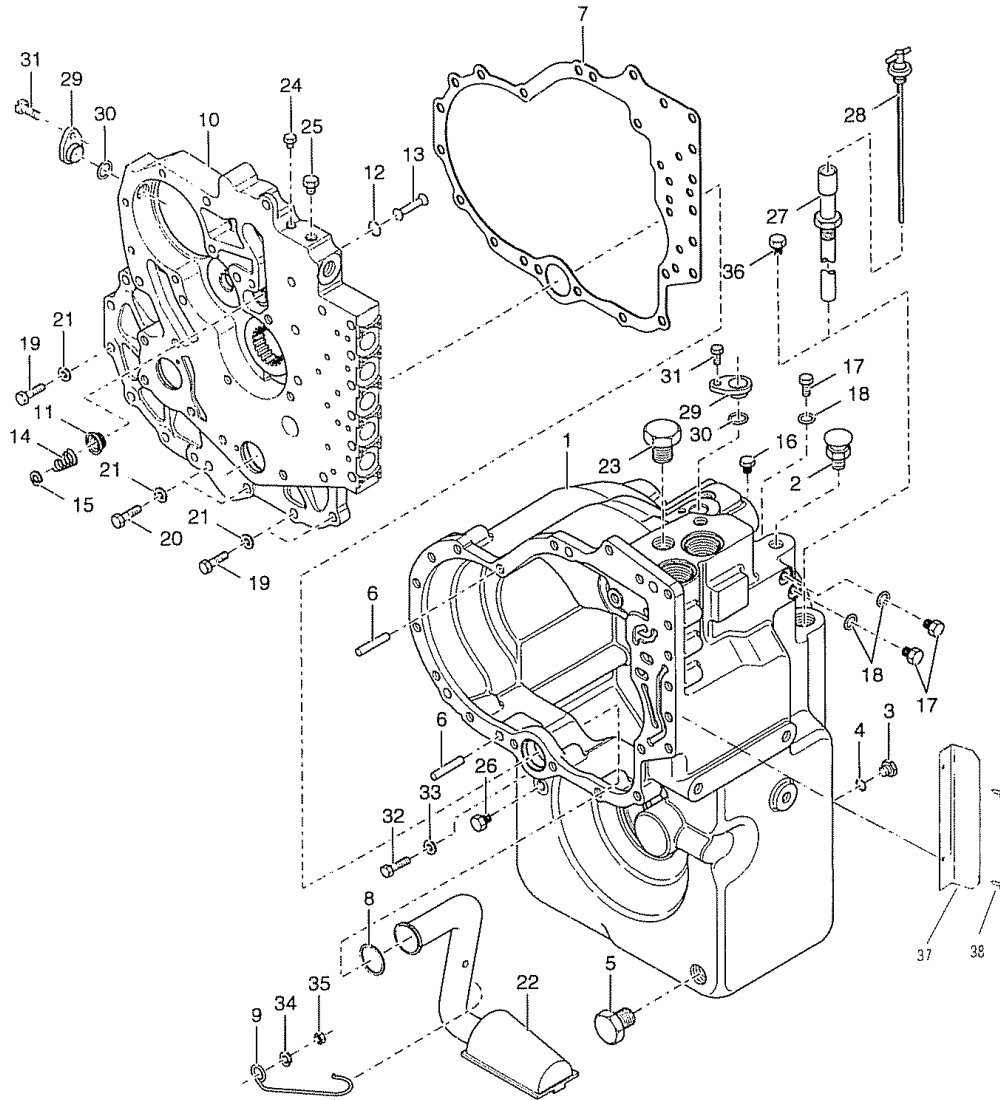
T12000 Series



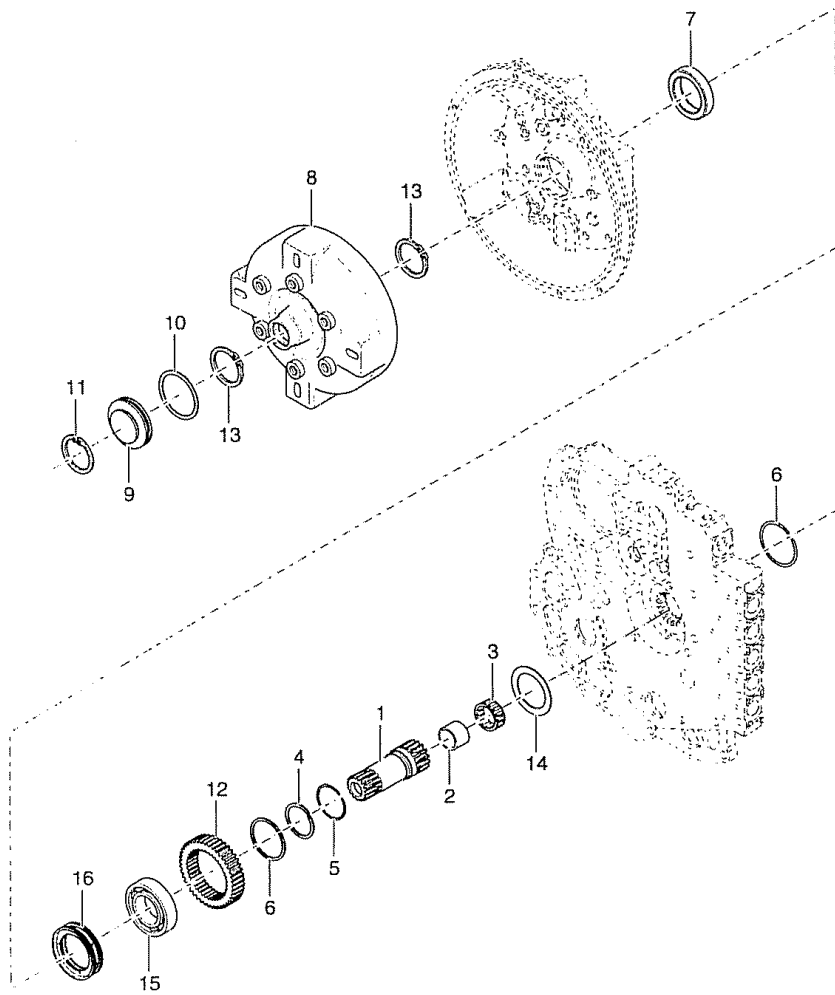
T12000
GROUP CONVERTER HOUSING



T12000
GROUP - TRANSMISSION CASE & PLATE

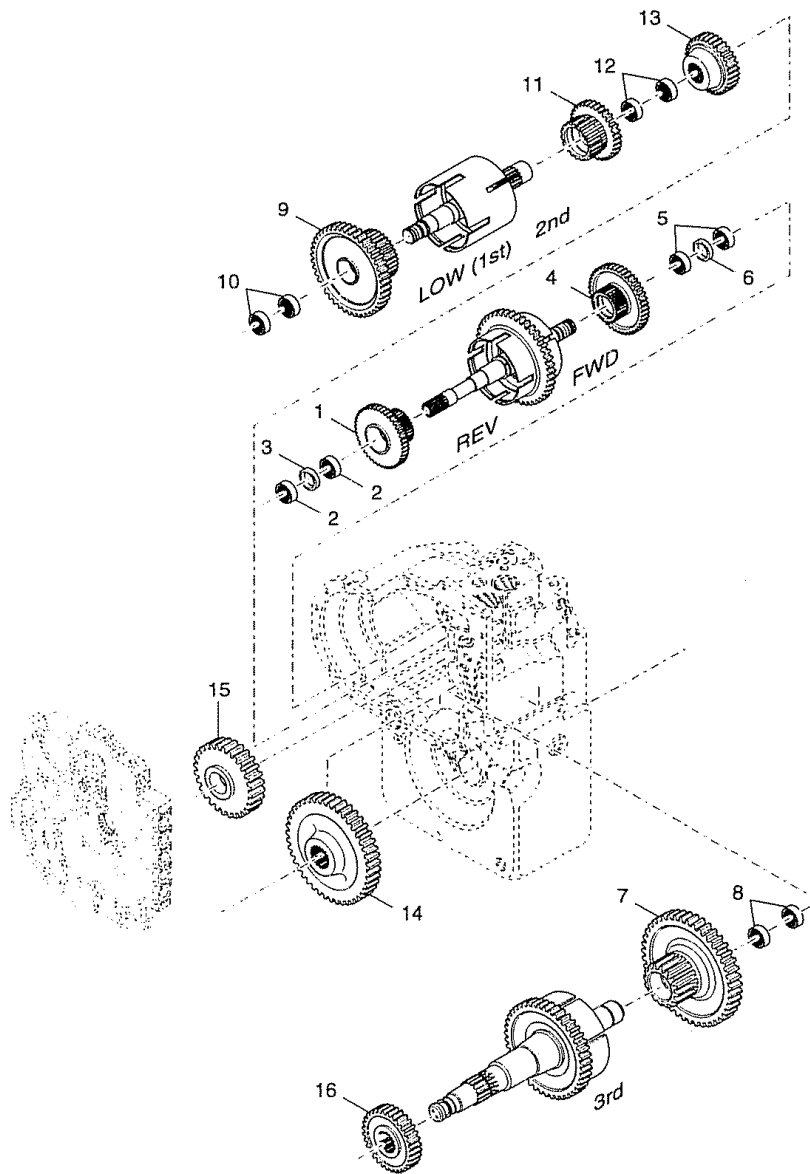


T12000
GROUP TORQUE CONVERTER



T12000

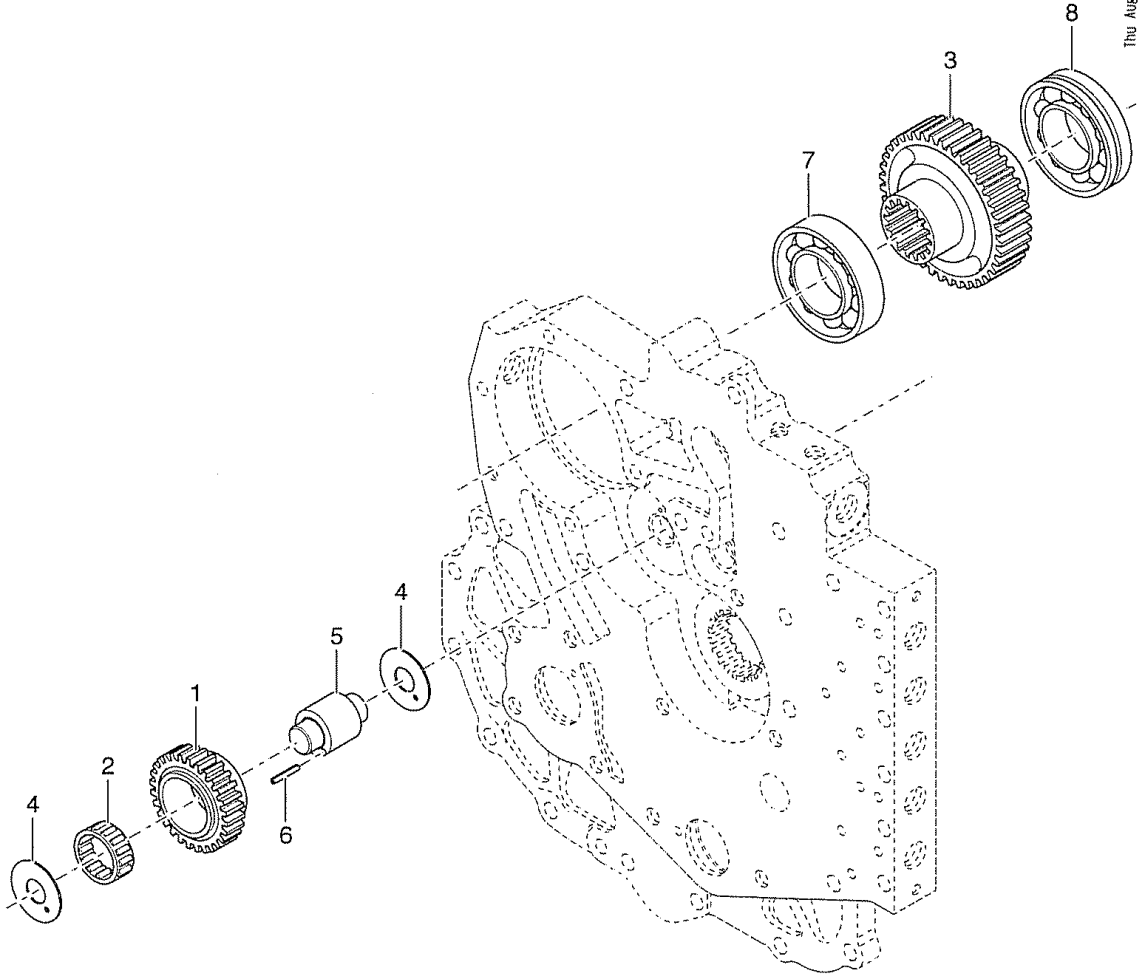
GEAR GROUP



T12000

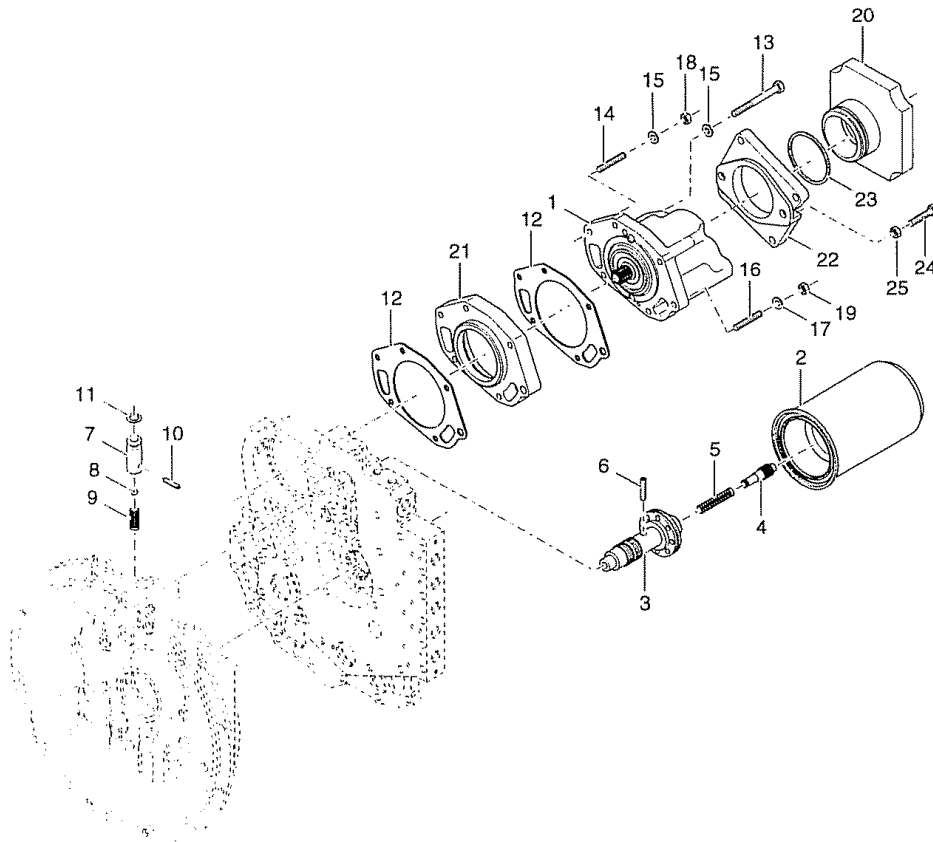
PUMP DRIVE GROUP

Thu Aug 9 14:53:32 2007 MH CCPS

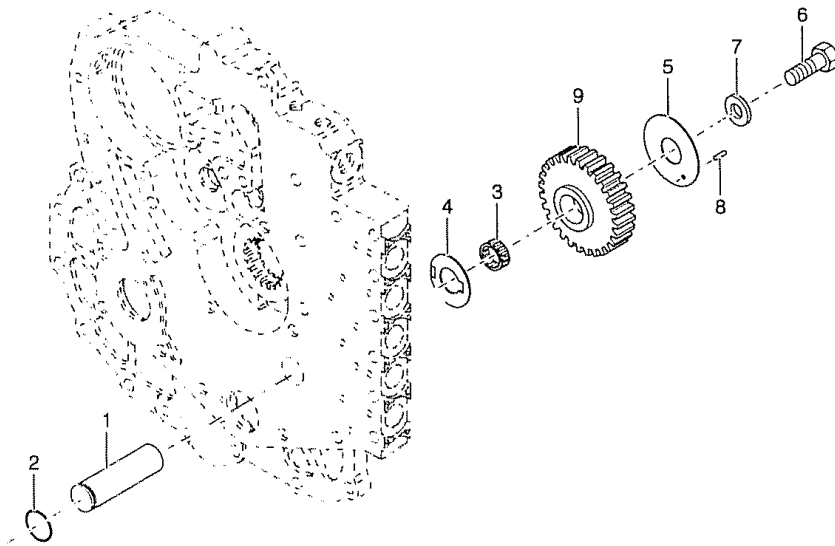


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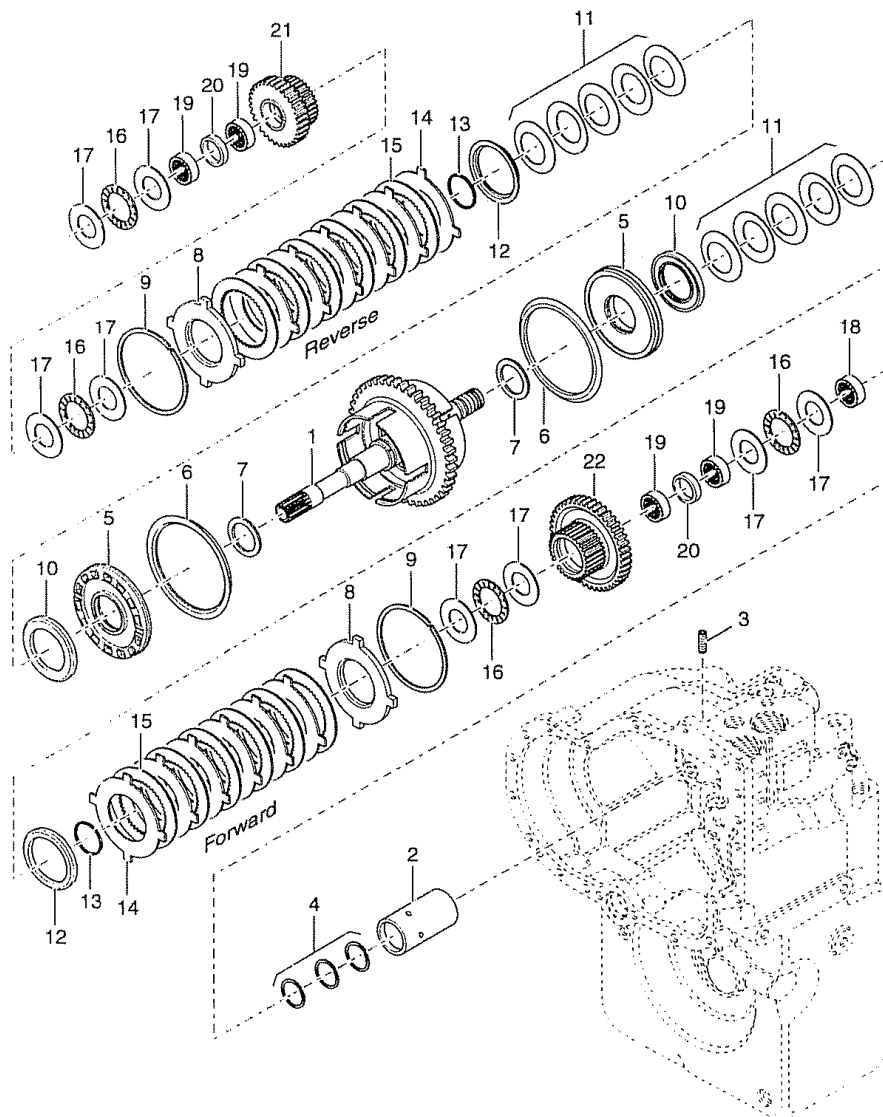
CHARGING PUMP GROUP



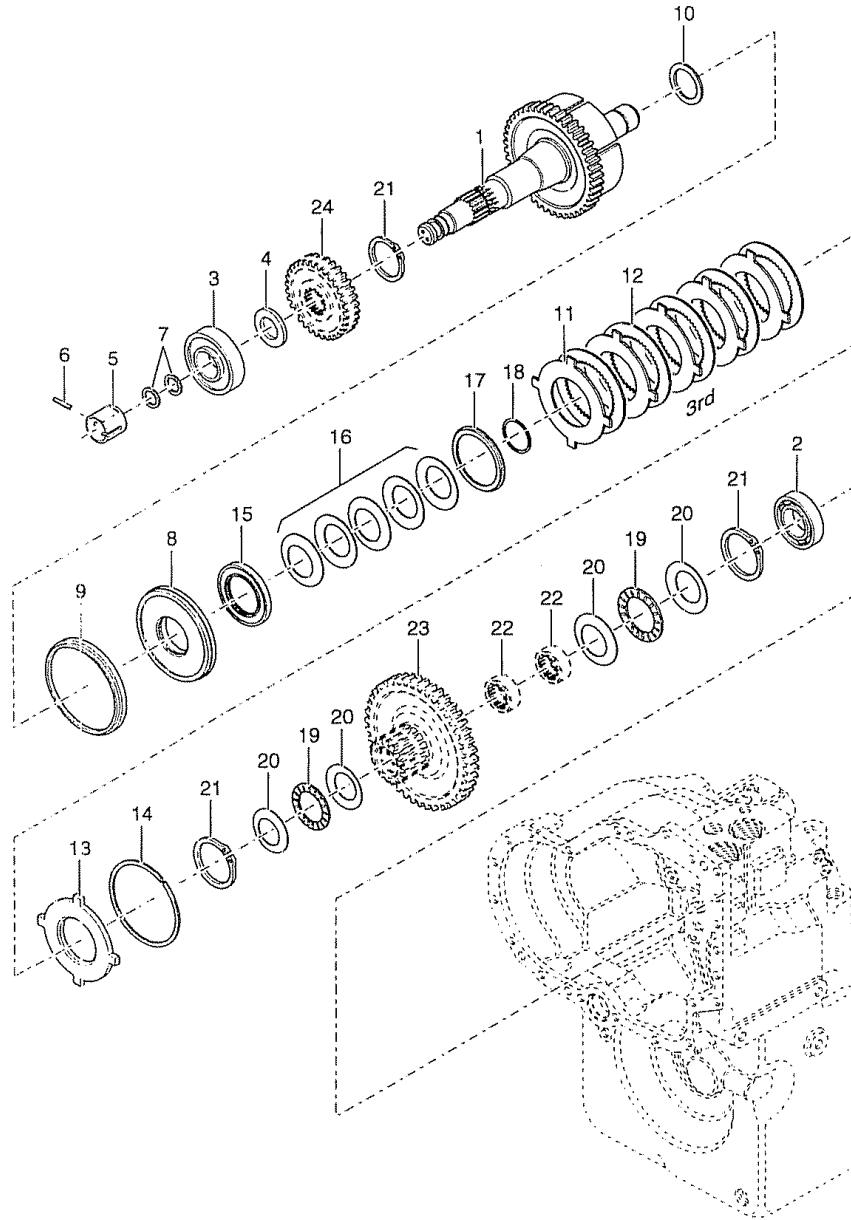
T12000
GROUP REVERSE IDLER



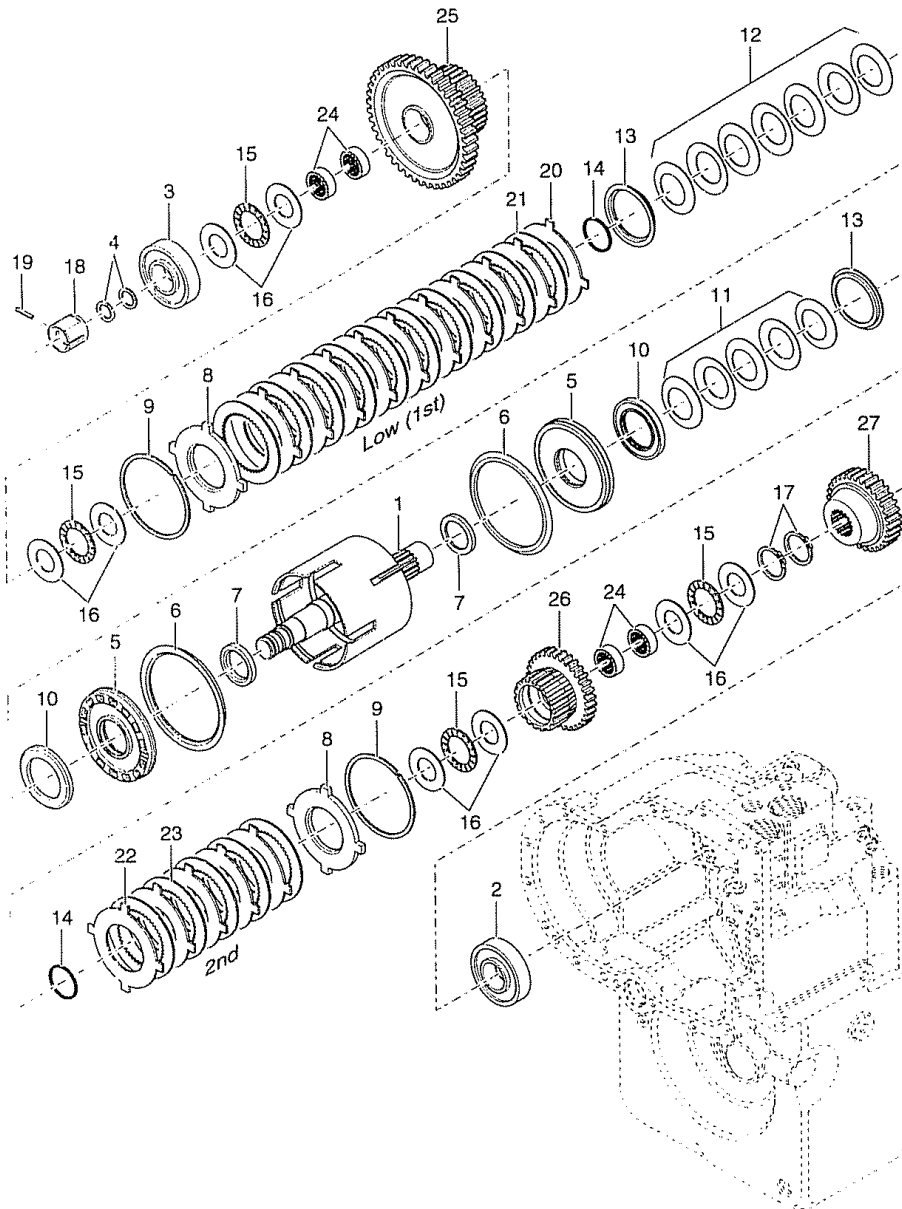
T12000
GROUP FORWARD AND REVERSE SHAFT



T12000 GROUP 3RD SHAFT

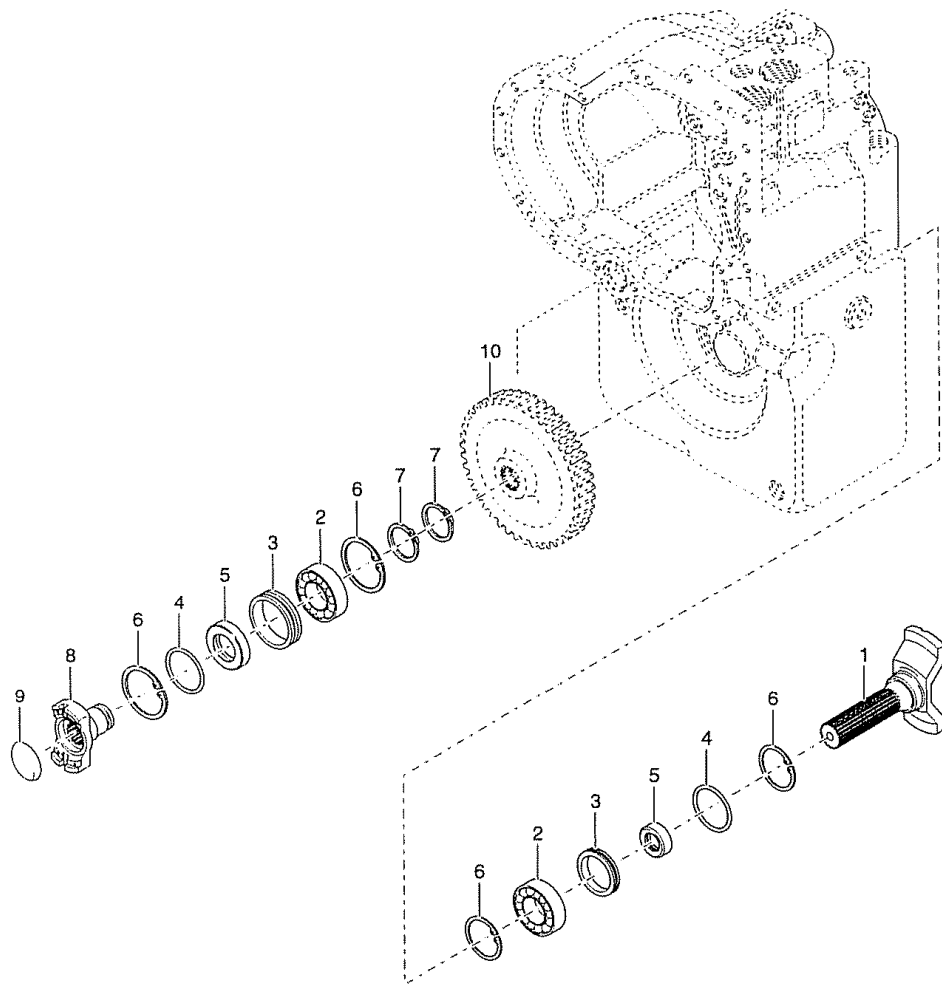


T12000
GROUP FIRST AND SECOND SHAFT



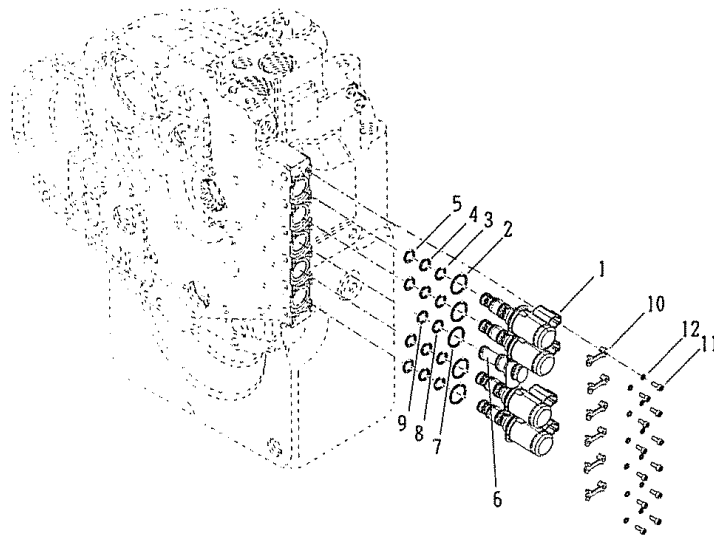
T12000

OUTPUT SHAFT GROUP

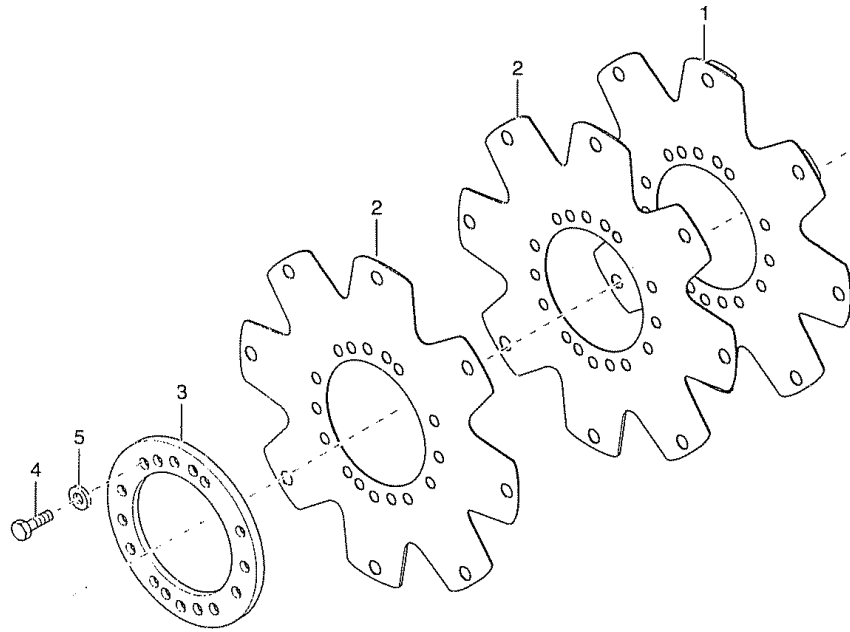


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T12000
GROUP CONTROL

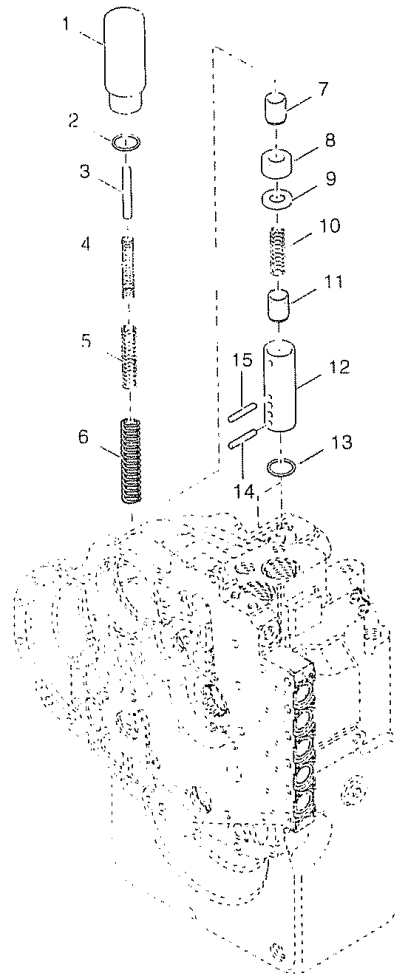


T12000
GROUP DRIVE PLATE



T12000

ASSEMBLY MODULATION VALVE



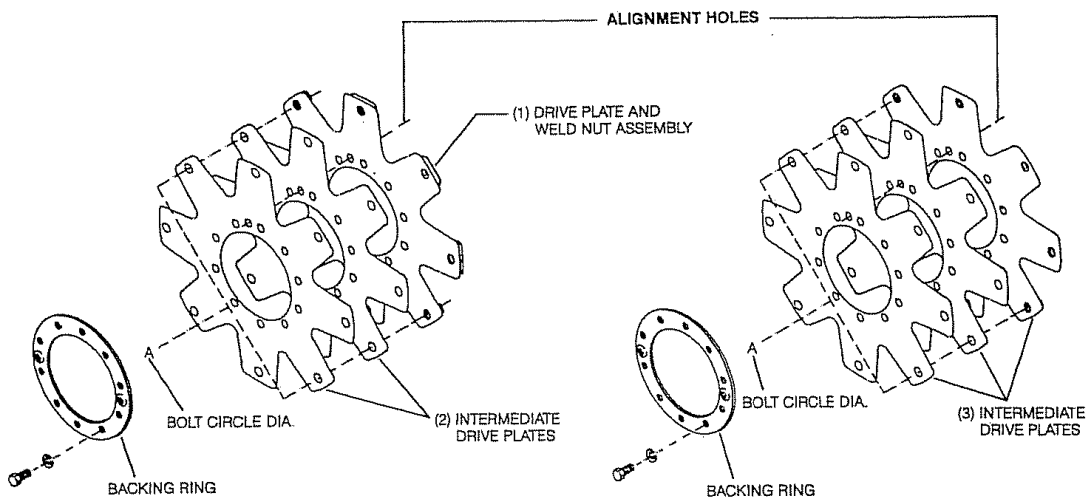
TECHNICAL SERVICE BULLETIN

SUBJECT: T-12000 Series Transmission 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.

Note two (2) kits have two (2) intermediate drive plates and one (1) drive plate and weld nut assembly. Two (2) kits with three intermediate drive plates.



"A" Dimension (Bolt Circle Diameter)

- 11.380" [288,900 mm] Diameter
Kit No. 802501
- 13.125" [333,38 mm] Diameter
Kit No. 802424
- 13.500" [342,90 mm] Diameter
Kit No. 802425

Each Kit will include the following parts:

- 2 Intermediate Drive Plates.
- 1 Drive Plate and Weld Nut Assembly.
- 1 Backing Ring.
- 6 Mounting Screws.
- 6 Lock Washers.
- 1 Instruction Sheet.

"A" Dimension (Bolt Circle Diameter)

- 11.380" [288,900 mm] Diameter
Kit No. 802543
- 13.125" [333,38 mm] Diameter
Kit No. 802426
- 13.500" [342,90 mm] Diameter
Kit No. 802427

Kit will include the following parts:

- 3 Intermediate Drive Plates.
- 1 Backing Ring.
- 6 Mounting Screws.
- 6 Lock Washers.
- 1 Instruction Sheet.

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

Position drive plate and weld nut assembly on torque converter assembly with weld nuts toward converter. Align intermediate drive plates and backing ring with holes in torque converter assembly. **NOTE:** Two dimples 180° apart in backing ring must be out (toward engine flywheel). Install capscrews and washers. Tighten 26 to 29 ft. lbs. torque [35 - 39 N.m].

Over for TRANSMISSION 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.
2. Check engine flywheel & housing for conformance to standard SAE No. 3 per SAE J927 and J1033 tolerance specifications for pilot bore size, pilot bore runout and mounting face flatness. Measure and record engine crankshaft end play.
3. Install two 2.50 [63,500 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.
- *4. 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.
5. Rotate the transmission torque converter to 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 guide studs, 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.

- *6. 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 26 to 29 ft. lbs. torque [35 - 39 N·m]. This will require tightening each screw and rotating the engine flywheel until the full amount of eight (8) screws have been tightened to specified torque.
8. 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.

*Does not apply to units having 3 intermediate drive plates. See Fig. 4.

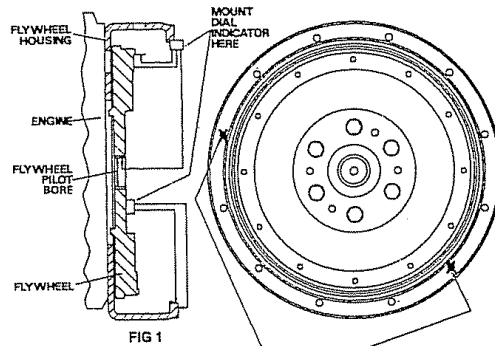


FIG 1

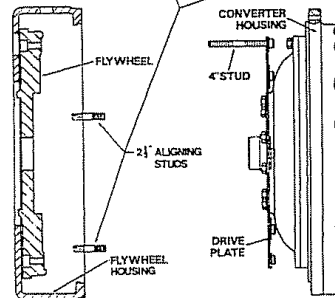


FIG 2

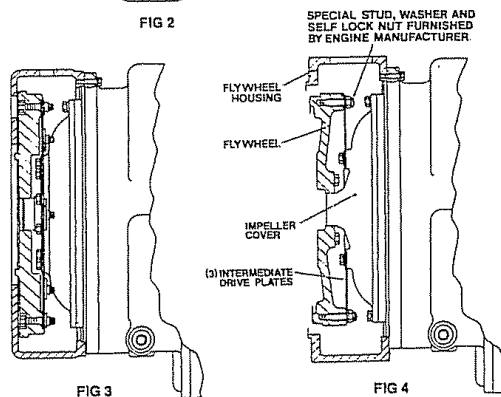


FIG 3

FIG 4