

Massey Ferguson®

1560 Compact Tractor

WORKSHOP SERVICE MANUAL 4283360M2

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INPUT GEARS

INPUT GEAR

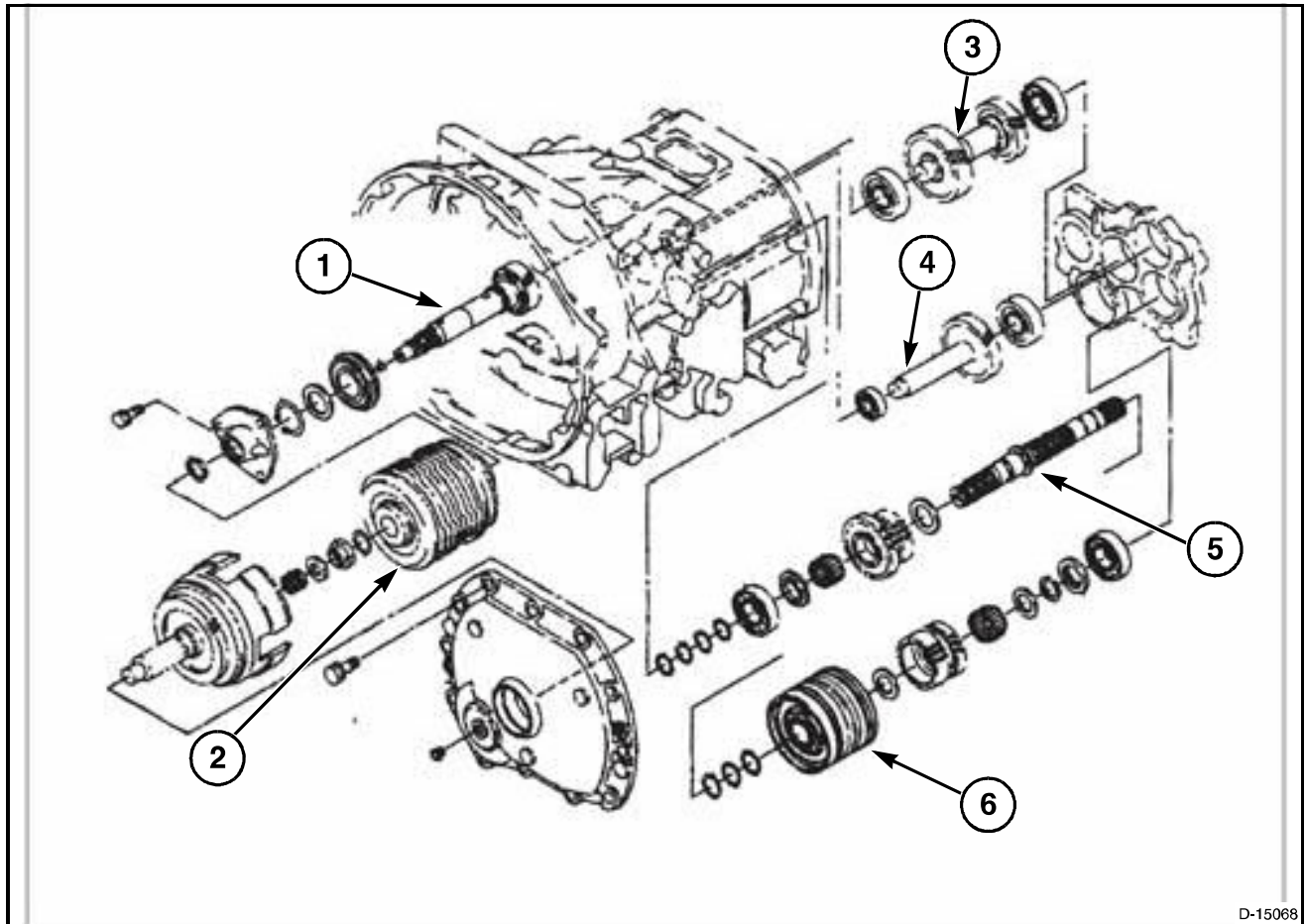
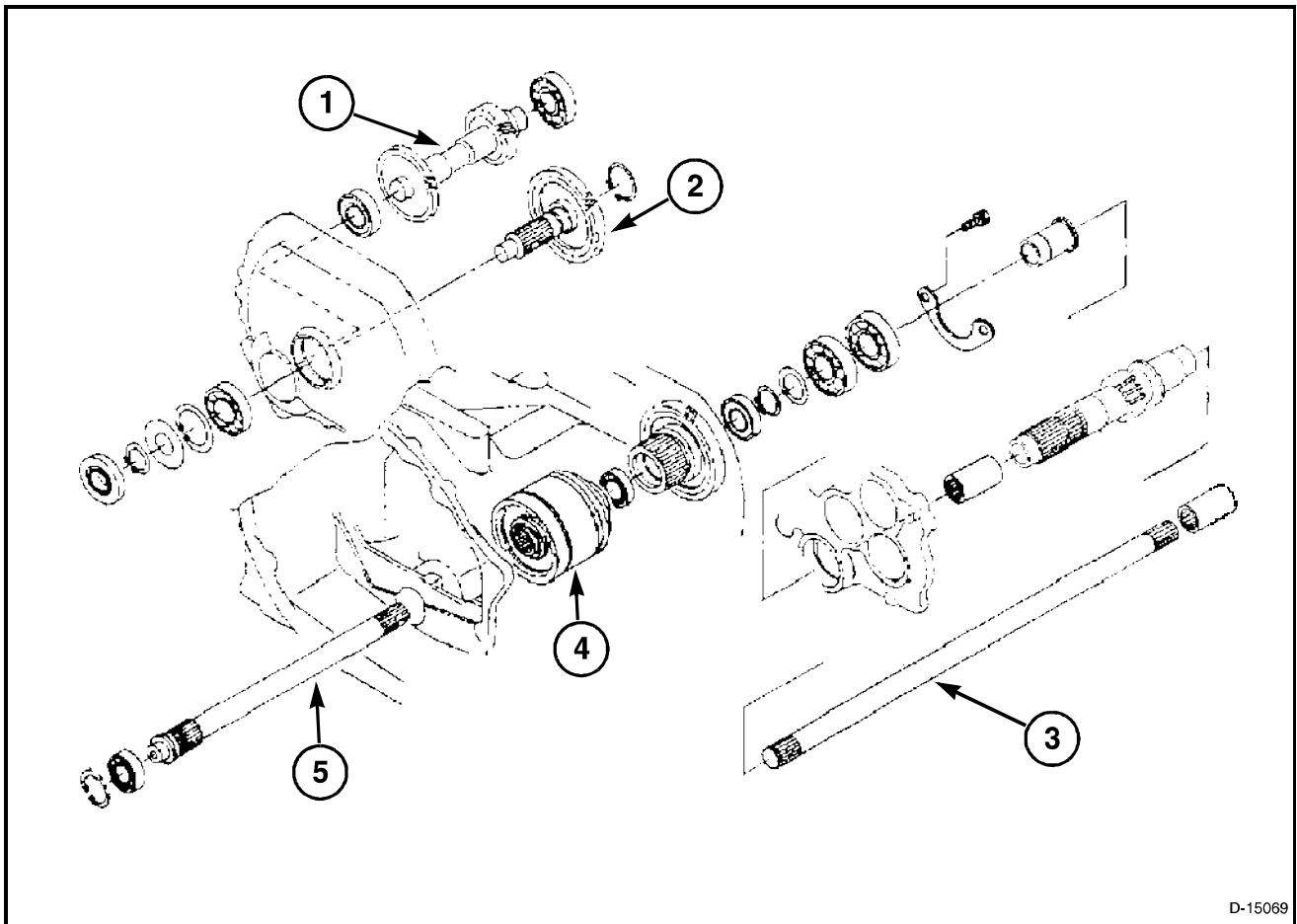


FIG. 10

FIG. 10: Input Gear Components

- (1) Input Shaft
- (2) Ground Clutch
- (3) Idler Gear
- (4) Reverse Idler Gear
- (5) Shuttle Shaft
- (6) Shuttle Clutch

Input Gears



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FIG. 11

FIG. 11: Input Gear Components

- (1) PTO Gear
- (2) Reverse Idler Gear
- (3) PTO Shaft
- (4) PTO Clutch
- (5) PTO Shaft

FIG. 12: Separate the tractor between the engine and clutch housing to access the PTO clutch and PTO gear.



FIG. 12

FIG. 13: Remove the PTO gear and ground clutch to access the PTO clutch.



FIG. 13

FIG. 14: Separate the tractor between the clutch housing and the front transmission housing.



FIG. 14

FIG. 15: Access the shuttle clutch, reverse idler and idler gear.

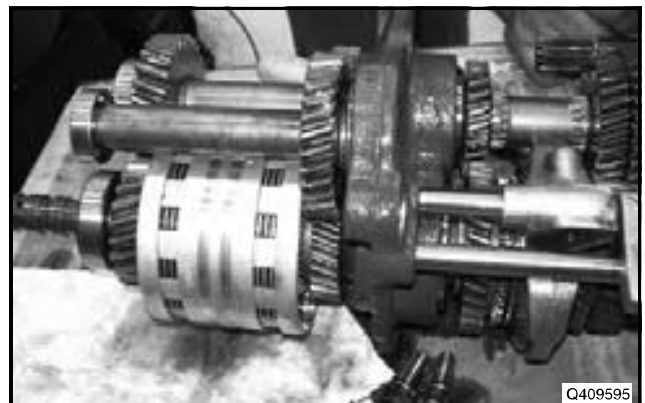


FIG. 15

Input Gears

FIG. 16: When installing the PTO clutch, the brake tabs (1) on the PTO brake must line up with the notch (2) cast into the clutch housing.

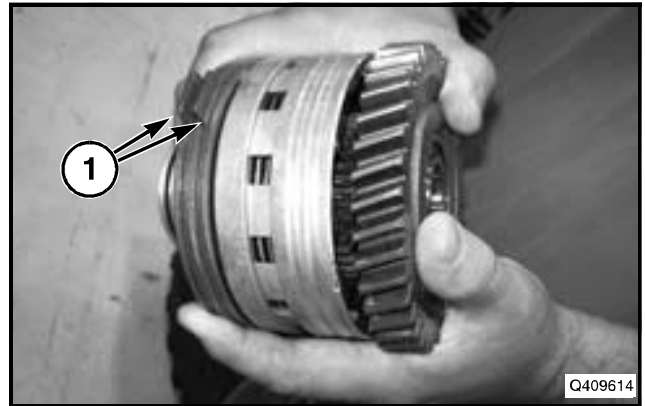


FIG. 16

FIG. 17: When installing the PTO clutch, the brake tabs (1) on the PTO brake must line up with the notch (2) cast into the clutch housing.

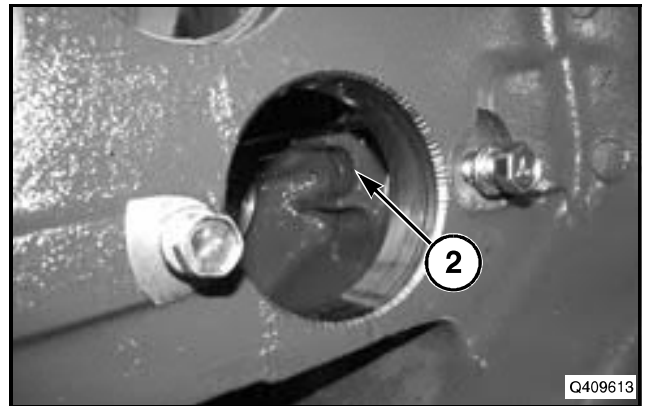


FIG. 17

TRANSMISSION MAIN CHANGE GEARS

MAIN SHIFT

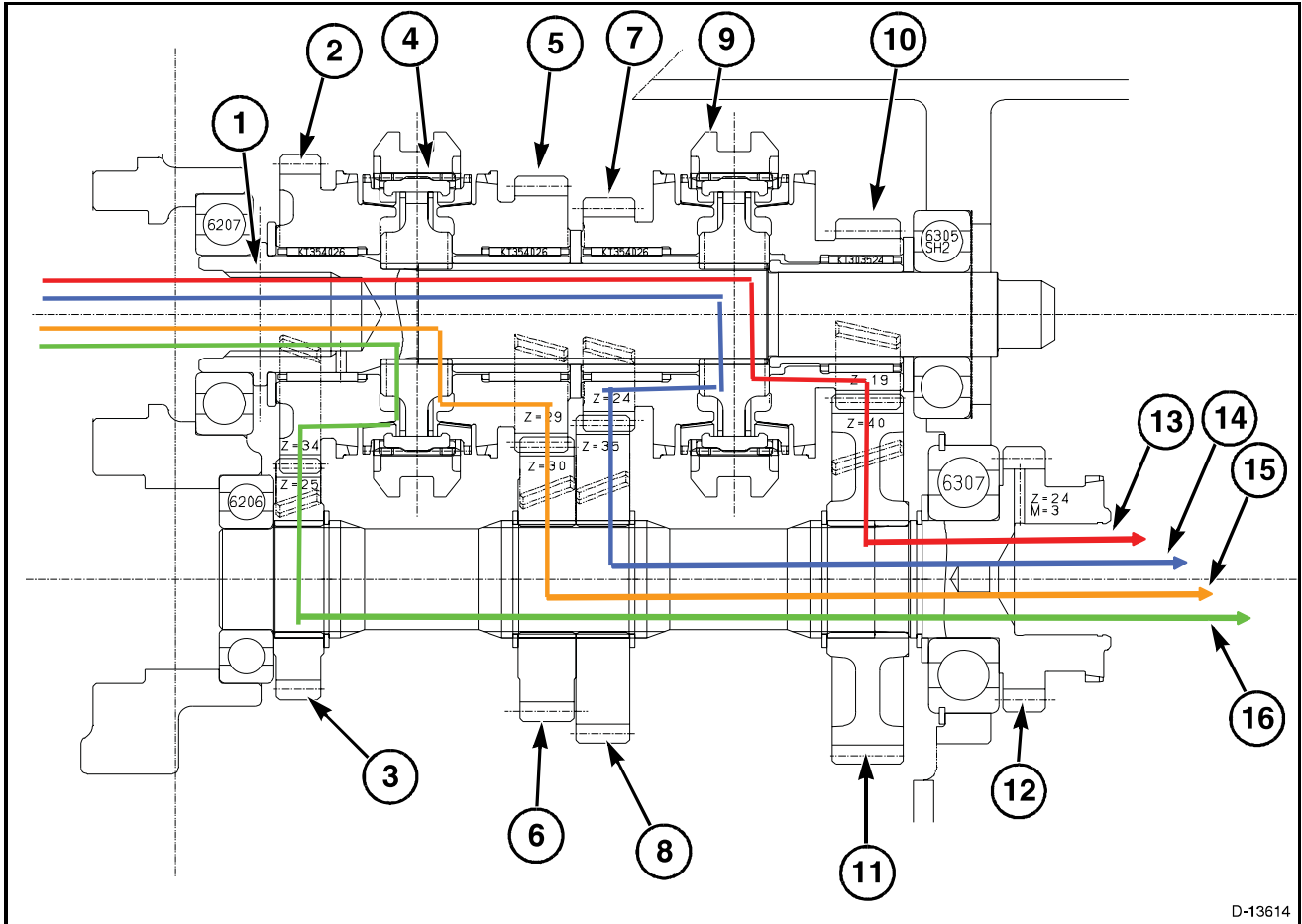


FIG. 18

FIG. 18: Type P/Q Power Shuttle

- (1) Main Shaft
- (2) 4th Change Gear (34T)
- (3) 4th Counter Gear (25T)
- (4) Synchromesh
- (5) 3rd Change Gear (29T)
- (6) 3rd Counter Gear (35T)
- (7) 2nd Change Gear (24T)
- (8) 2nd Change Gear (37T)
- (9) Synchromesh
- (10) 1st Change Gear (19T)
- (11) 1st Counter Gear (40T)
- (12) Counter Shaft (24T)

(13) 1st Gear

(14) 2nd Gear

(15) 3rd Gear

(16) 4th Gear

NOTE: The main gear shift uses a synchromesh type transmission.

Transmission Main Change Gears

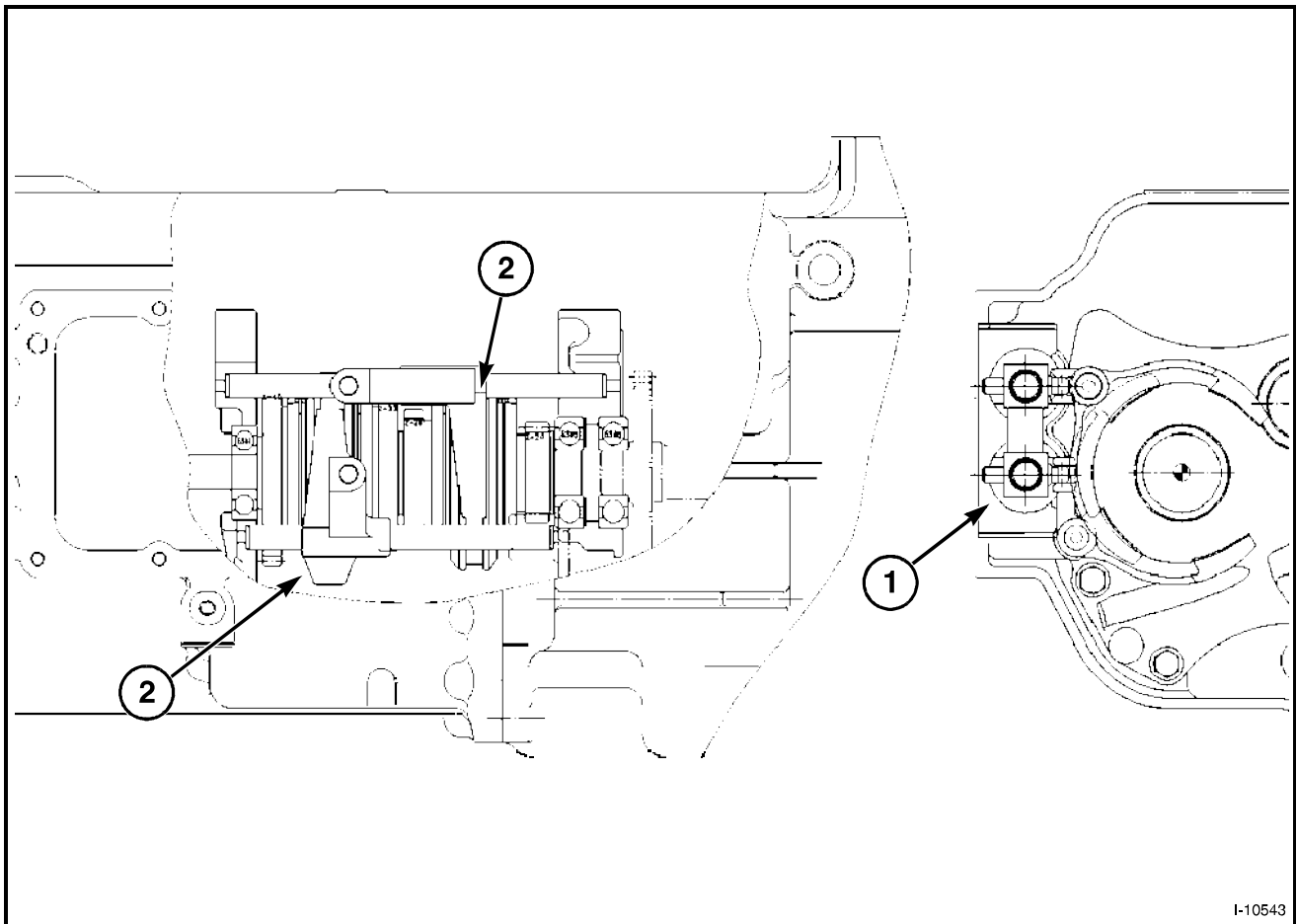


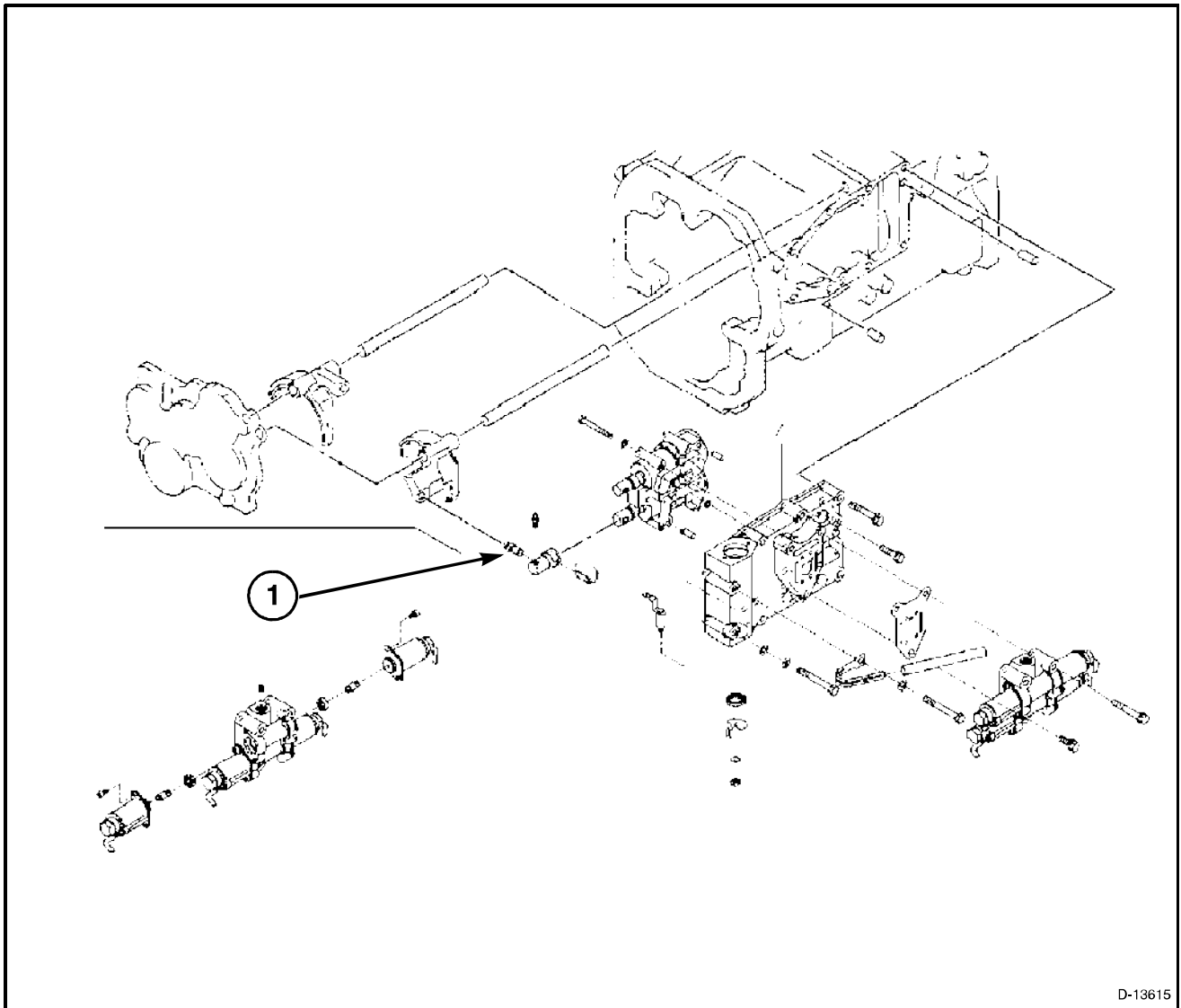
FIG. 19

FIG. 19: Precautions for assembly - Power Shift shift linkage

When installing shift valve cover assembly in transmission, make sure the shift fork is in neutral.

- (1) Shift Cylinders
- (2) Shift Fork

Shift Fork Assembly



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FIG. 20

FIG. 20: Precaution for assembly: Power Shift - shift linkage

(1) Put pin into shift fork

Transmission Main Change Gears

PRECAUTIONS FOR ASSEMBLY

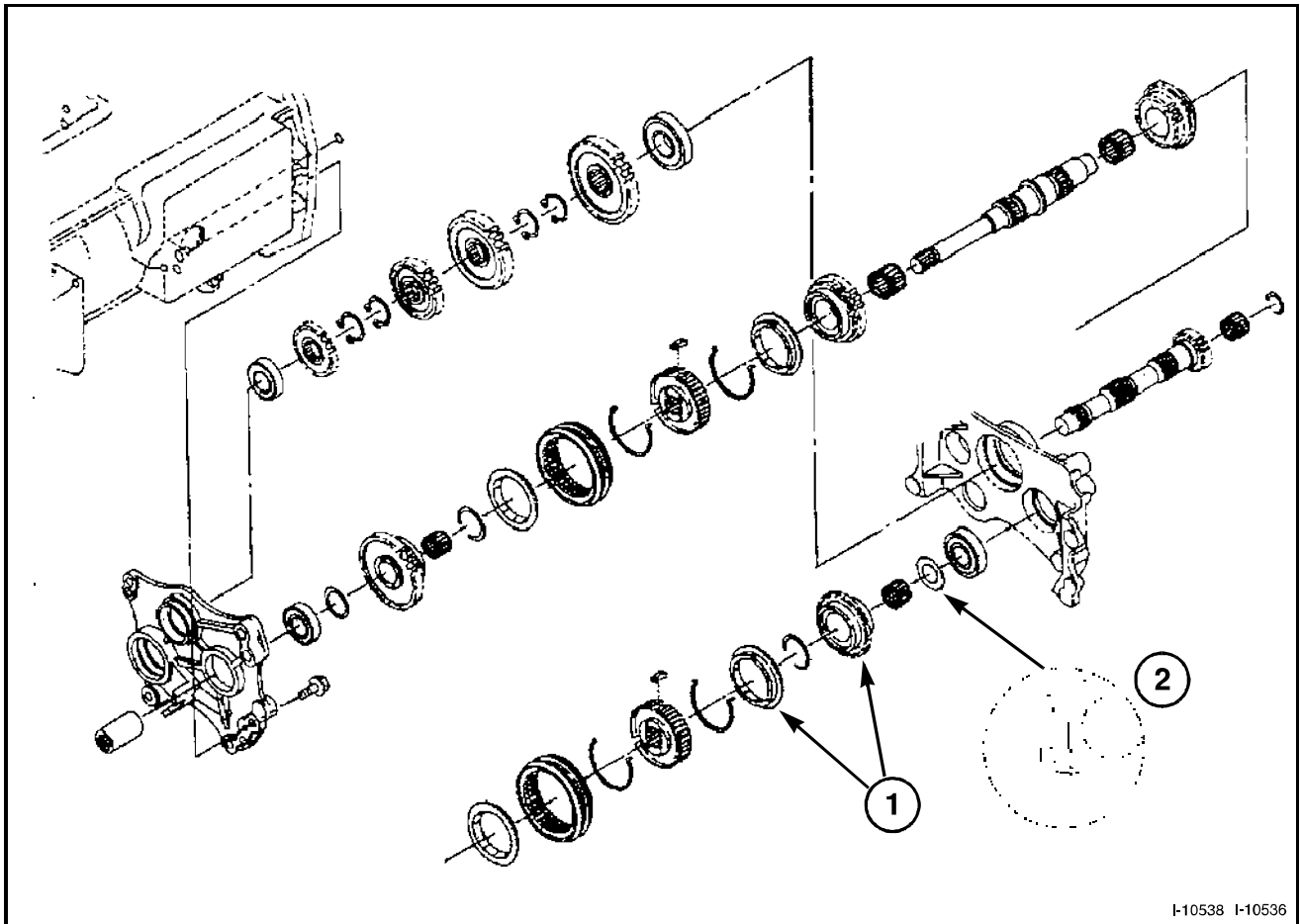
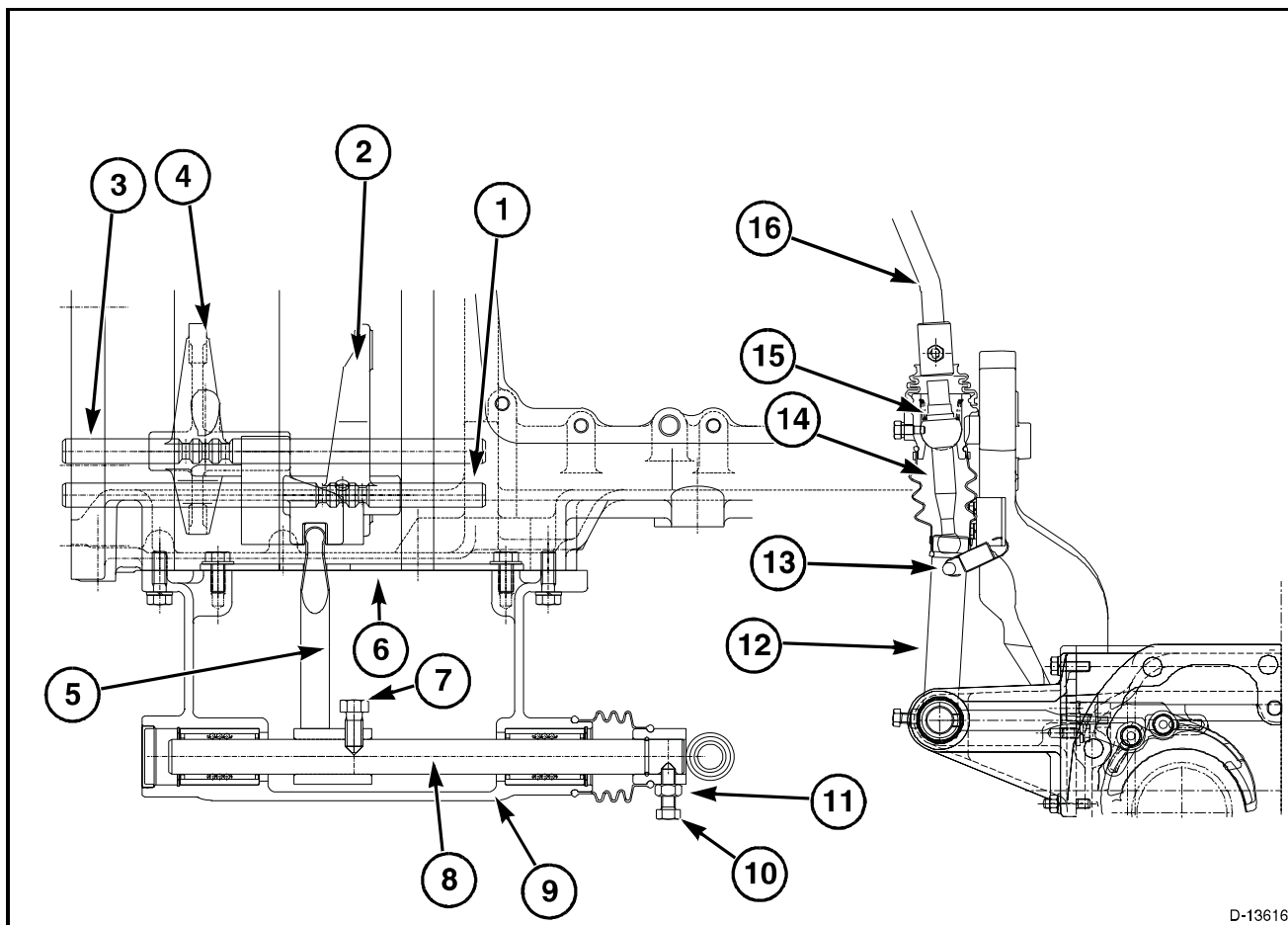


FIG. 21

FIG. 21: Precautions for assembly

- (1) Apply Oil to Synchro Mesh
- (2) Installed Direction of Washer

MAIN SHIFT LEVER



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FIG. 22

FIG. 22: Power Shuttle Shift Lever

- (1) Shift Rod (1-2)
- (2) Shift Fork (1-2)
- (3) Shift Rod (3-4)
- (4) Shift Fork (3-4)
- (5) Shift Arm
- (6) Guide
- (7) Bolt
- (8) Bar
- (9) Metal
- (10) Bolt
- (11) Nut
- (12) Arm
- (13) Spring
- (14) Shift Arm
- (15) Spring
- (16) Lever

Transmission Main Change Gears

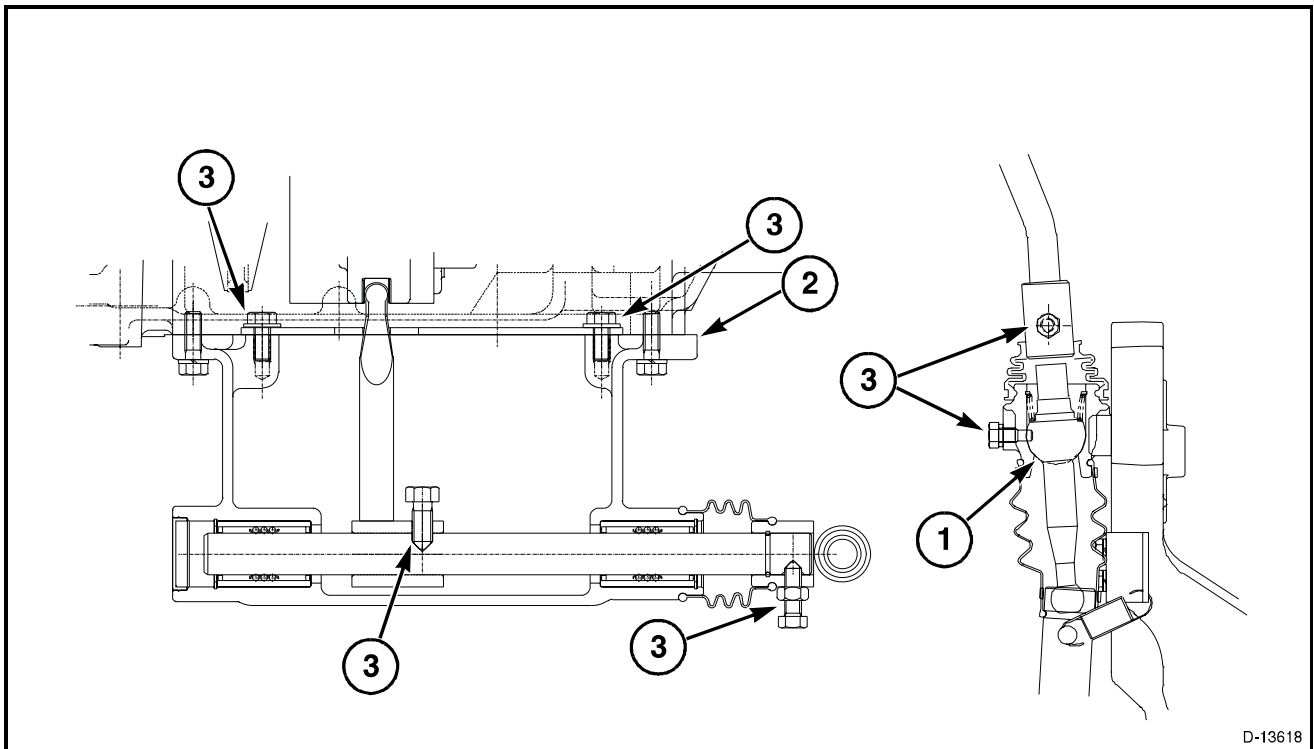


FIG. 23

FIG. 23: Precautions for assembly of main shift lever.

Wire rubber cover

(1) Apply grease.

(2) Apply gasket to the shift housing.

(3) Apply loctite (chemiseal L324) to the bolt.

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