

Power Take-Off (PTO) Maintenance

Adjust PTO Speed Selector Lever

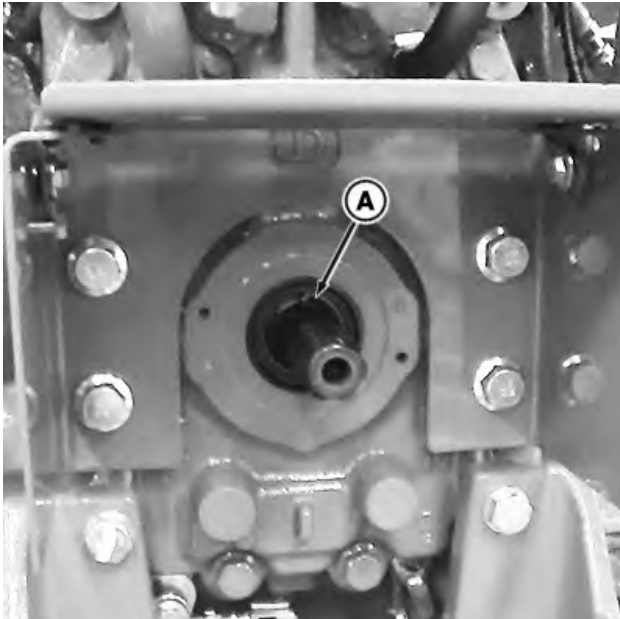
Have your John Deere dealer check and adjust PTO speed selector lever.

LGCKF7U,0000C3D-19-11MAY21

Lubricate Exchangeable 540/1000 rpm PTO Shaft

MAINTENANCE INTERVAL

Annually



RXA0155648—UN—11NOV16



A—Snap Ring
B—Stub Shaft
C—Bore

LV12604—UN—26APR05

IMPORTANT: Ensure that PTO is stopped and allowed to cool before servicing.

NOTE: When exchanging the PTO shaft, hydraulic oil does not leak out due to a dry socket design.

1. Locate flattened area on the stub shaft which facilitates snap ring removal and installation.

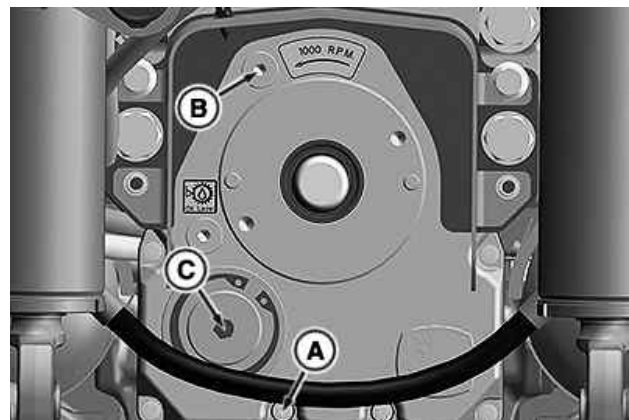
2. Align snap ring ends with flattened area. Remove snap ring (A) and pull out PTO shaft (B).
3. Clean PTO shaft thoroughly and apply a light coat of grease. Be sure that the end bore (C) is clean if installing shaft for 1000 rpm operation.
4. Turn PTO shaft end-for-end and insert in the PTO housing until snap ring groove is visible.
 - a. **540 rpm shaft**—Rotate the shaft back and forth while installing. Ensure that the shaft is properly seated in housing; continue to push shaft in when installing snap ring.
 - b. **1000 rpm shaft**—Rotate the shaft back and forth while installing until engagement is felt.
5. Install snap ring in the groove to retain PTO stub shaft. Align ends of the snap ring with flat surface of shaft.

LGCKF7U,0000C3E-19-11MAY21

Change Front PTO Oil

MAINTENANCE INTERVAL

Every 1200 Hours



RXA0155640—UN—10NOV16

A—Drain Plug
B—Fill Plug
C—Cover

IMPORTANT: J20D is the only acceptable transmission/hydraulic oil for use in the front PTO.

1. Remove fill plug (B).
2. Remove drain plug (A).
3. Drain oil into a suitable container.
4. Remove snap ring and cover (C).
5. Remove and clean oil screen.
6. Check O-ring, install oil screen, close cover, and install snap ring.

7. Install drain plug (A). Torque to specification.

Specification

Drain Plug—Torque. 42 N·m
(31 lb·ft)

8. Add J20D transmission/hydraulic oil to the PTO housing. (See Fuels, Lubricants, and Coolants section.)

Specification

Front PTO—Capacity. 3.1 L
(0.8 gal)

9. Install fill plug (B). Torque to specification.

Specification

Fill Plug—Torque. 42 N·m
(31 lb·ft)

10. Check fluid level after changing oil and after initial run.

LGCKF7U,0000C72-19-13MAY21
