

# Transmission Maintenance

## Change Transmission/Hydraulic Oil and Filter

See Hydraulics Maintenance section for procedure.

LGCKF7U,0000C31-19-11MAY21

## Check Neutral Start System

### MAINTENANCE INTERVAL

Every 600 Hours

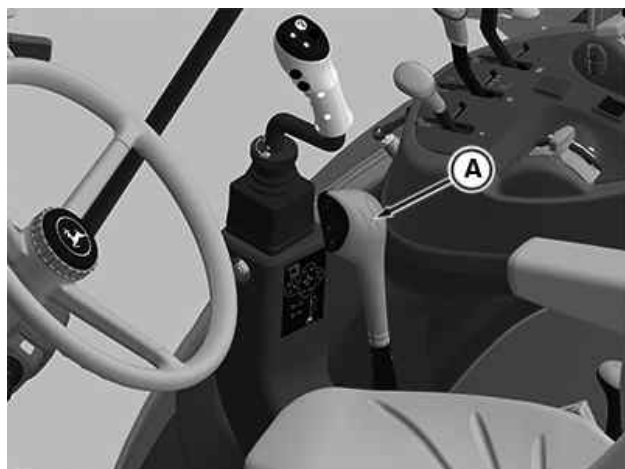
**CAUTION:** If engine starts when transmission controls are not in neutral or park position, repair neutral start system immediately. See your John Deere dealer.

**CAUTION:** If PTO rotates in any position when starting engine, repair neutral start system immediately. See your John Deere dealer.

**Do not leave seat with the engine running and PTO engaged.**

*NOTE: Machine is designed to prevent inadvertent movement or PTO engagement when engine is started.*

## Transmission Check



APY41518—UN—24AUG20



LV14425—UN—17AUG11

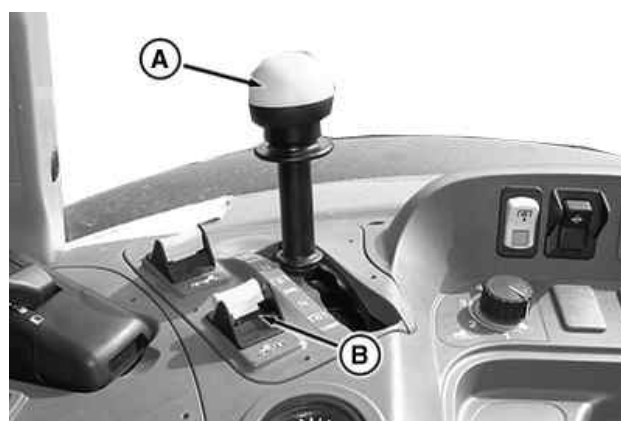
A—Gearshift Lever  
B—Reverser Lever

Machine is designed to prevent inadvertent movement or PTO engagement when engine is started.

**IMPORTANT: Engine should start with transmission in NEUTRAL or PARK positions only.**

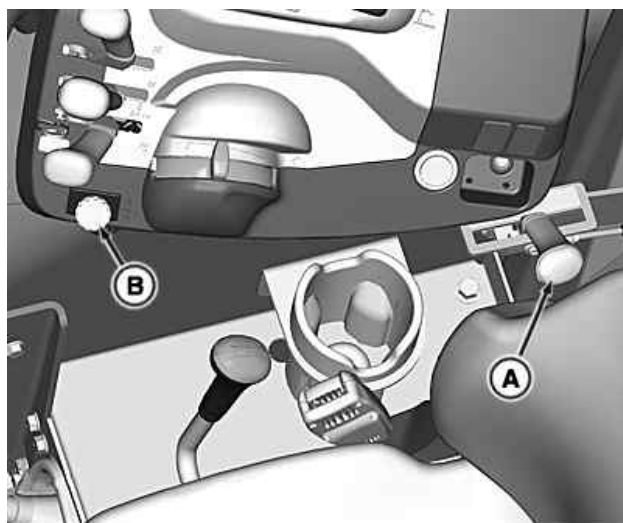
1. Shut off engine.
2. Depress clutch pedal and brake pedals.
3. Place gearshift lever (A) in any gear. Lever must not be in neutral or park.
4. If equipped with reverser, place reverser lever (B) into forward or reverse direction position.
5. Attempt to start engine.

## PTO Check



APY36909—UN—08JUN20

Cab



RXA0162136—UN—15FEB18

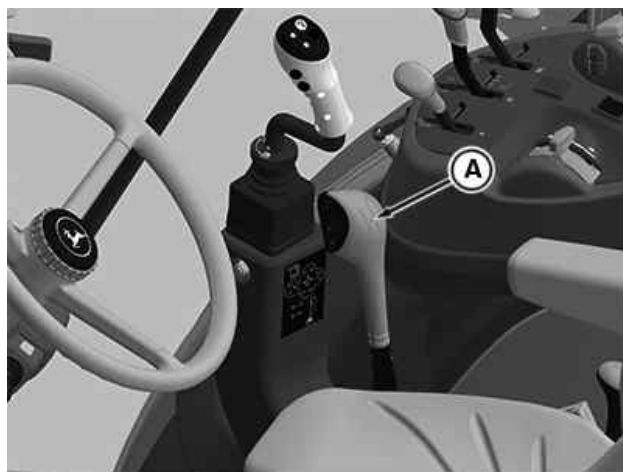
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A—Shiftable PTO Lever  
B—PTO Engagement Switch

1. Shut off engine.
2. Place transmission gearshift lever in Neutral or Park position.
3. If equipped, place shiftable PTO speed lever (A) into any position.
4. Place PTO engagement switch (B) in engaged position.
5. Start engine. Engine starts but PTO does not rotate.
6. Shut off engine, shift PTO lever to another speed, and repeat process.

LGCKF7U,0000C32-19-11MAY21

## Check Transmission Park System



APY41518—UN—24AUG20



LV14425—UN—17AUG11

A—Gearshift Lever  
B—Reverser Lever

**CAUTION:** Avoid personal injury. Make sure that everyone is clear of machine.

If machine does not hold stationary on an incline in Park, see John Deere dealer immediately for repairs.

1. Position machine on a 30% incline (1 m [3.3 ft] vertically for every 3 m [9.8 ft] horizontally) with the front of machine facing downward.
2. Depress clutch pedal and brake pedals.
3. Place gearshift lever (A) in Park position.
4. If equipped with reverser, place reverser lever (B) in Neutral position.
5. Release the clutch and brake pedals. Wait 10-15 seconds, watching for movement.

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## Replace Transmission Dampener

**MAINTENANCE INTERVAL**  
Every 4500 Hours

Have the John Deere dealer inspect and service the transmission dampener.

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