

8. Disconnect the right-hand and left-hand brake pipes (Fig. 10).

10. Remove the transmission pump oil intake elbow.

11. Remove and PTO gear. If PTO shaft is buried, dabber it or tape shaft to protect PTO seal from damage.

12. Remove transmission control valve pressure inlet pipe. Loosen transmission control valve to disconnect the shifter cable. If transmission control valve housing gasket is in poor condition, remove the valve housing.

13. Disconnect the park lock cable.

14. Disconnect the hydraulic pressure pipe to the rockshaft or transmission cover.

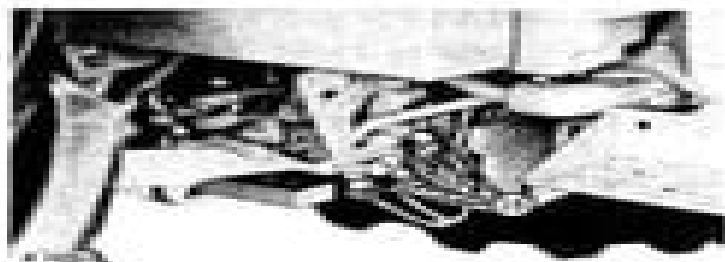


Fig. 11 - Power Front Wheel Drive Isolates (Power Shift Tractor)

15. On tractors with Power Front Wheel Drive, disconnect wiring harness from axle drive (Fig. 12).

Move drawbar to extreme rearward position. Place support at rear of drawbar and install JDG-2M rear stand at front of transmission case.

Install a suitable lift sling and remove clutch housing assembly.

ASSEMBLY

Before assembling, check to see that the PTO thrust washer, PTO brake return spring (Fig. 13), and the PTO brake (Fig. 13) are in position. Remove cap plugs from oil passages and install gasket and O-rings.

Assemble clutch housing to transmission case and tighten all cap screws to specified torque.

Reverse the numbered separation procedures.

1150-10 U.S.A.



Fig. 12 - PTO Thrust Washer and Brake Spring



Fig. 13 - PTO Brake

Install rockshaft selector knob and differential lock pedal.

Join the clutch housing to the engine as previously instructed.

Fill transmission with John Deere Type 302 Special-Purpose Oil to the correct oil level.

Bleed the brakes. See the operator's manual.

Check the brakes, transmission, differential lock, and lights for proper operation.

SEPARATING CLUTCH HOUSING FROM SYNCRO-RANGE TRANSMISSION CASE

Loosen right-hand brake bleed screw and discharge the accumulator. See Group 23 of Section 70.

Drain the transmission.

Disconnect battery ground cable from left-hand battery first. Then disconnect and remove the batteries.

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Brendan G. Carr



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