

3.5.3 TROUBLESHOOTING

3.5.3.1 REAR P.T.O AND MID P.T.O OPERATION TEST



Warning

Hazard to bystanders! Before using the external P.T.O switches, make sure no persons or objects are in the area of the implement or 3-point linkage.

Otherwise, it may cause death or serious injuries.

- Note Check all items before troubleshooting.
- ① System hydraulic operating normally
 - ② Parking brake ON
 - ③ Mid P.T.O switch OFF
 - ④ No implements attached to the rear P.T.O or mid P.T.O

N°	Test Point	Expected Result	Other Result (Possible Cause)
1	Check Turn on the key switch. Do lights illuminate in the instrument panel?	Result Yes Action: Go to test 2	Result No Action: Inspect the key switch, wiring, and instrument panel.
2	Condition Push and rotate the P.T.O switch to ON. Does the P.T.O indicator illuminate in the instrument panel?	Result Yes Action: Go to test 3	Result No Action: Repair or replace the P.T.O switch.
3	Check Turn off the P.T.O switch. Disconnect the P.T.O solenoid connector and check for 12 V DC from the tractor wire harness when the P.T.O switch is ON and 0 V DC when the P.T.O switch is OFF.	Result Yes Action: Go to test 4	Result No Action: Check for continuity between the wiring harnesses.
4	Check Perform the pressure test on the P.T.O control valve. With the hydraulic system not in use, the pressure at G1 should be approximately 34,61 kg/cm ² (227 psi). When the P.T.O switch is ON, the pressure at G2 should be approximately 16 - 18 kg/cm ² (200 - 227 psi). Is the P.T.O control valve operating normally?	Result Yes Action: Repair the P.T.O clutch or P.T.O drive line.	Result No Action: Repair or replace the P.T.O control valve.