

TRANSMISSION NEUTRAL SWITCH TEST – CST

Reason:

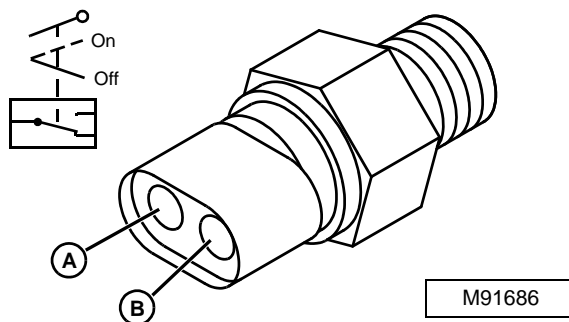
To verify that switch functions properly.

Equipment:

- Ohmmeter or continuity tester

Procedure:

1. Park machine on level surface.
2. Disengage PTO.
3. Turn key switch to OFF position.
4. Engage park brake.
5. Place gear selector lever in NEUTRAL.
6. Disconnect neutral start switch from harness.
7. Check for continuity between terminals (A) and (B).
If no continuity exists, ensure that gear selector is in NEUTRAL.



8. If continuity can be obtained when transmission is in NEUTRAL;
 - Place gear selector in any gear,
 - Check for continuity through switch. There should be NO continuity.
9. If continuity does not match specifications:
 - Remove switch(es) from transmission housing.
 - Test switch(es) for continuity. Each switch is normally closed. Depress contact ball on end of switch and check continuity. Switch should be open (NO continuity with ball depressed).
10. Replace switch if correct continuity can not be obtained.

Switch Continuity:

Switch Position	Terminal Continuity
NORMALLY CLOSED	A and B
BALL DEPRESSED (OPEN).	None

TRANSMISSION NEUTRAL SWITCH TEST – HST & SRT

Reason:

To that verify switch functions properly.

Equipment:

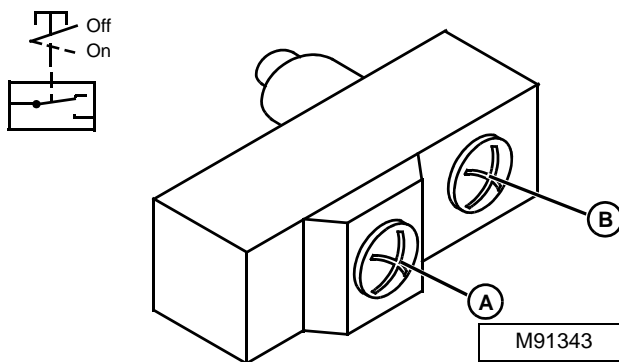
- Ohmmeter or continuity tester

Procedure:

1. Park machine on level surface.
2. Disengage PTO.
3. Turn key switch to OFF position.
4. Engage park brake.
5. Place gear range selector lever in NEUTRAL.
6. Disconnect neutral start switch from harness.

NOTE: Switch is normally open. When the pedals are not pushed, the pedal linkage closes the contacts. Depressing either forward or reverse directional pedal allows switch to open.

7. Check for continuity between terminals (A) and (B).
If no continuity exists, ensure that directional pedals for transmission are not depressed.



8. Press down on forward directional pedal. No continuity should exist between terminal (A) and terminal (B).
9. Press down on reverse directional pedal. No continuity should exist between terminal (A) and terminal (B).
10. If continuity is not correct, replace switch.
11. Adjust switch as needed.
 - Switch should close when forward directional pedal is depressed **0.25 - 0.375 in. (6 - 9 mm)**.