

PARK BRAKE, SAFETY, AND PTO LIGHT RELAY TEST

Reason:

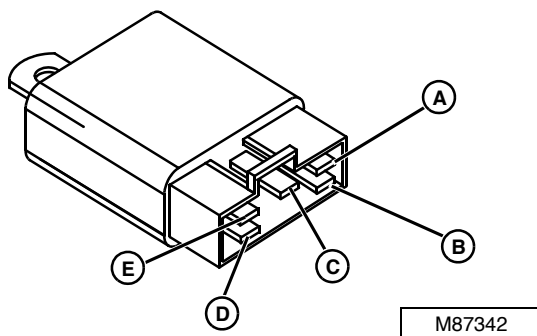
To check relay terminal continuity in the energized and de-energized condition.

Equipment:

- Ohmmeter or continuity tester
- 12 volt battery and jumper wires

Procedure:

1. Park machine on level surface.
2. Place PTO in NEUTRAL.
3. Turn key switch to OFF position.
4. Engage park brake.
5. Remove plastic kick panel from below steering column support.
6. Disconnect relay connector from harness.
7. Check terminal continuity using an ohmmeter or continuity tester.



Results:

- There should be continuity between terminals (A) and (B).
 - There should be continuity between terminals (C) and (D).
 - There should NOT be continuity between any other combination of terminals.
8. Connect a jumper wire from battery positive (+) terminal to relay terminal (A). Connect a jumper wire from relay terminal (B) and ground (-).

Results:

- There should be continuity between terminals (C) and (E).
- There should NOT be continuity between (C) and (D).
- If continuity is NOT correct, replace relay.

GLOW PLUG RELAY TEST

Reason:

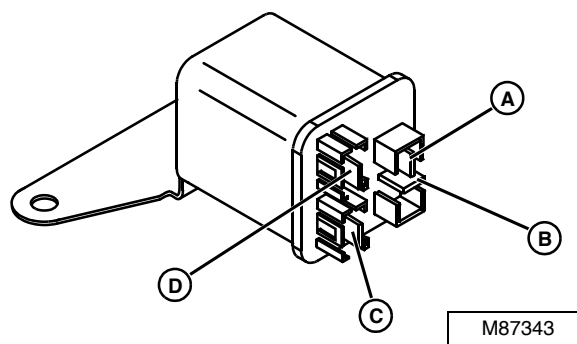
To check relay terminal continuity in the energized and de-energized condition.

Equipment:

- Ohmmeter or continuity tester
- 12 volt battery and jumper wires

Procedure:

1. Park machine on level surface.
2. Place PTO in NEUTRAL.
3. Turn key switch to OFF position.
4. Engage park brake.
5. Remove plastic kick panel from below steering column support.
6. Disconnect relay connector from harness.
7. Check terminal continuity using an ohmmeter or continuity tester.



Results:

- There should be continuity between terminals (A) and (B).
 - There should NOT be continuity between any other terminals.
8. Connect a jumper wire from battery positive (+) terminal to relay terminal (A). Connect a jumper wire from relay terminal (B) and ground (-).

Results:

- There should be continuity between terminals (C) and (D).
- If continuity is NOT correct, replace relay.