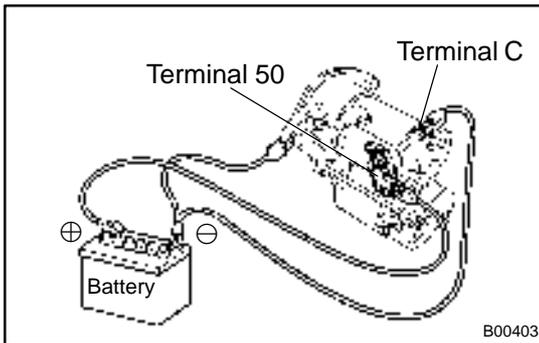


TEST

NOTICE:

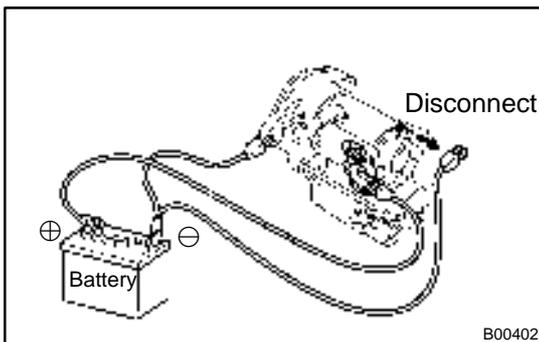
These tests must be performed within 3 to 5 seconds to avoid burning out the coil.



1. DO PULL-IN TEST

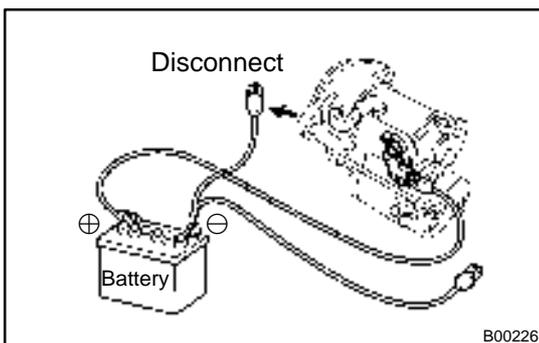
- (a) Disconnect the field coil lead wire from terminal C.
- (b) Connect the battery to the magnetic switch as shown. Check that the clutch pinion gear moves outward.

If the clutch pinion gear does not move.



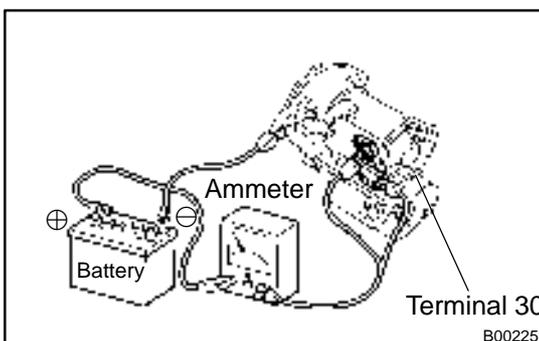
2. DO HOLD-IN TEST

- With battery connected as above with the clutch pinion gear out, disconnect the negative (-) lead from terminal C. If the clutch pinion gear returns inward.



3. INSPECT CLUTCH PINION GEAR RETURN

- Disconnect the negative (-) lead from the switch body. Check that the clutch pinion gear returns inward. If the clutch pinion gear does not return.



4. DO NO-LOAD PERFORMANCE TEST

- (a) Connect the battery and ammeter to the starter as shown.
- (b) Check that the starter rotates smoothly and steadily with the pinion gear moving out.

Check that the ammeter shows the specified current.

Specified current: 90 A or less at 11.5 V