

STARTING SYSTEM (1CD-FTV)

INSPECTION

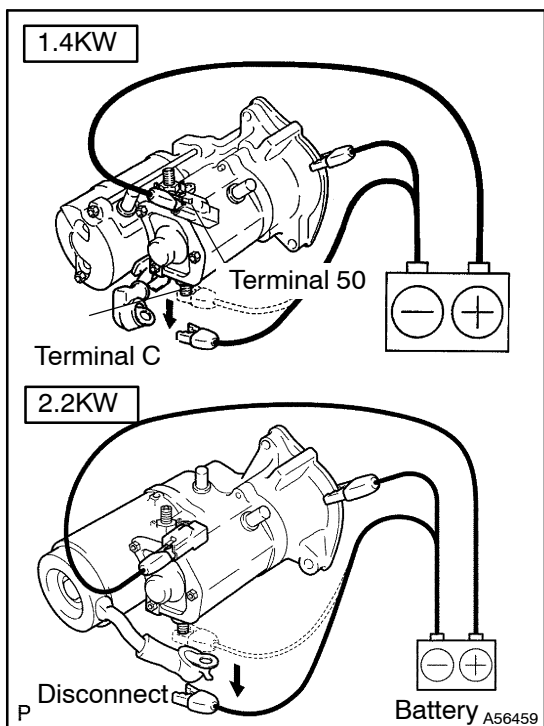
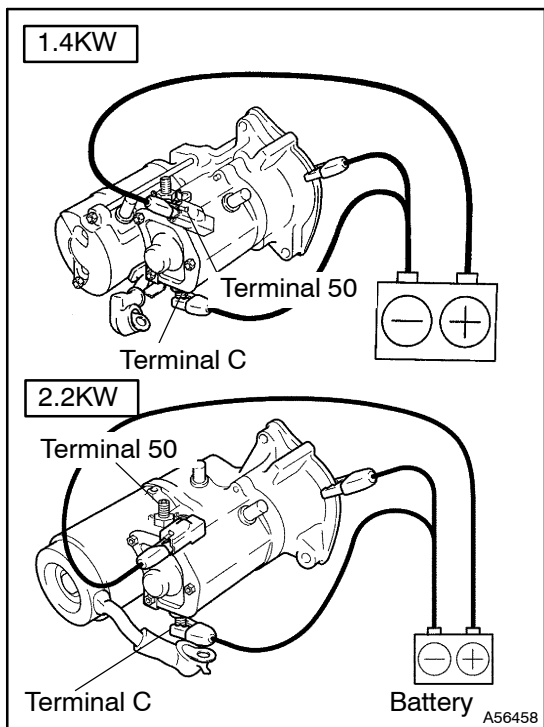
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1. STARTER ASSY

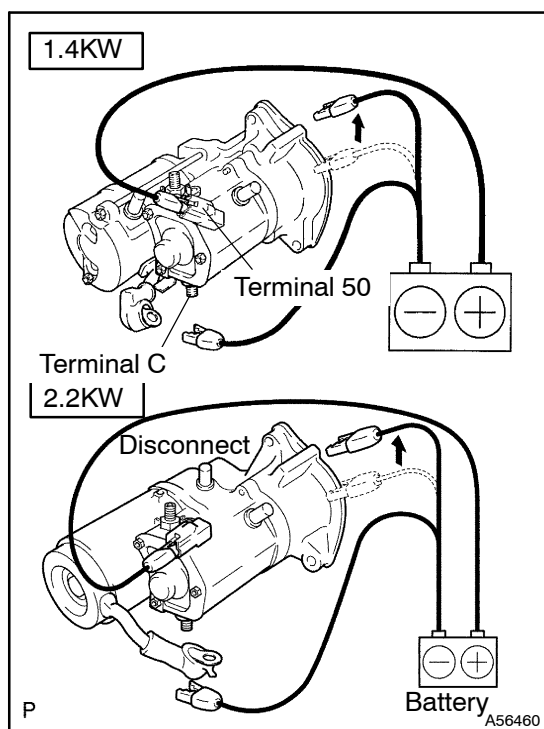
NOTICE:

These tests must be done within 3 to 5 seconds to avoid burning out the coll.

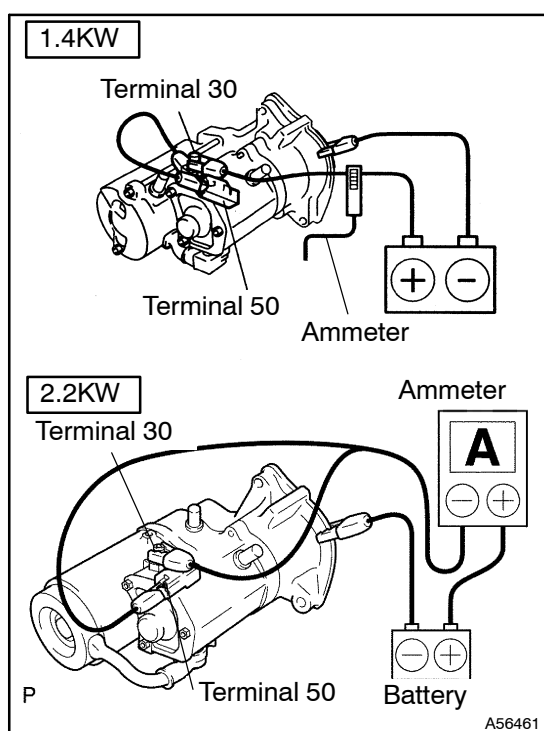
- (a) Disconnect the field coil lead wire from terminal C.
- (b) Connect the battery to the magnetic switch as shown. Check that the clutch pinion gear moves outward.



- (c) With battery connected as above with the clutch pinion gear out, disconnect the negative (-) lead from terminal C. Check that the pinion gear remains out.



- (d) Disconnect the negative (-) lead from the switch body. Check that the clutch pinion gear returns inward.



- (e) Connect the lead wire to the terminal C with the nut.
- Torque:**
- 1.4kw 5.9 N·m (60 kgf·cm, 52 in·lbf)
- 2.2kw 5.9 N·m (60 kgf·cm, 52 in·lbf)
- (f) Connect the battery and ammeter to the starter as shown.
- (g) Check that the starter rotates smoothly and steadily with the pinion gear moving out. Check that the ammeter shows the specified current.

Specified current:

- 1.4kw 90 A or less at 11.5 V
- 2.2kw 120 A or less at 11.5 V