

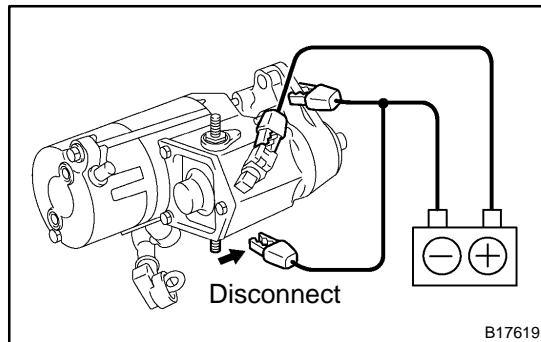
TEST

NOTICE:

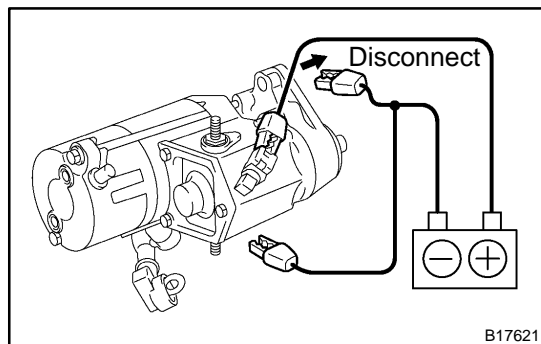
These tests must be done within 3 to 5 seconds to avoid the coil to be burned – out.

1. INSPECT STARTER ASSY

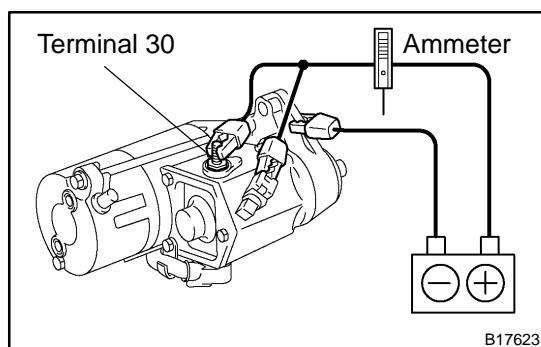
- (a) Do pull-in test.
 - (1) Disconnect the field coil lead wire from terminal C.
 - (2) Connect the battery to the magnetic switch as shown. Check that the clutch pinion gear protrudes.



- (b) Do holding test.
 - (1) Disconnect the negative (-) lead from the terminal C with the above condition (a) is being sustained. Check that the pinion gear remains protruded.



- (c) Inspect clutch pinion gear return.
 - (1) Disconnect the negative (-) lead from the switch body. Check that the clutch pinion gear returns inward.



- (d) Perform the operation test without load.
 - (1) Connect the field coil lead wire to terminal C.
 - (2) Hold the starter with a vise.
 - (3) Connect the battery and ammeter to the starter as shown.
 - (4) Check that the ammeter indicates the specified current.

Specified current: 100 A or less at 11.5 V