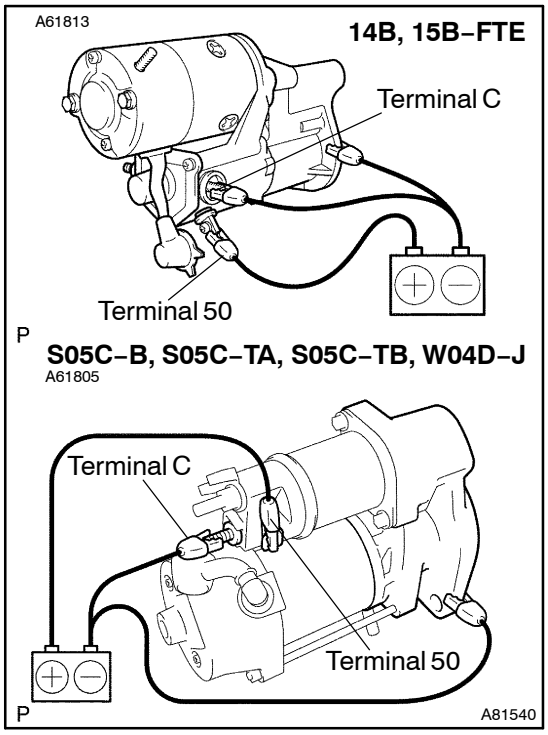
STARTING SYSTEM

190MA–01

INSPECTION

NOTICE:

These tests must be performed within 3 to 5 seconds to prevent the coil from burning.

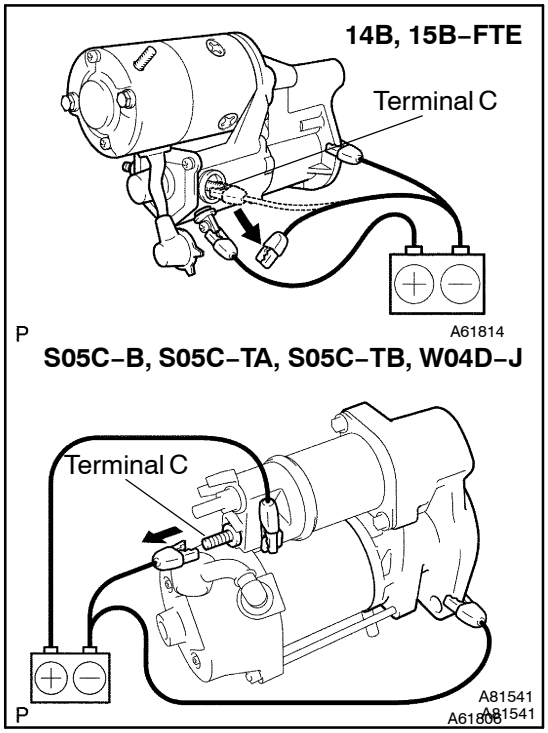


1. PERFORM PULL–IN/HOLDING TEST

(a) Disconnect the lead wire from terminal C.

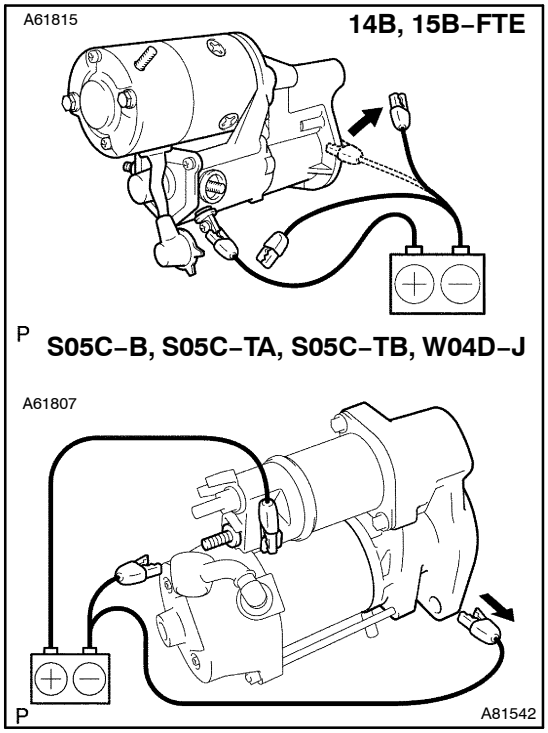
(b) Connect the battery to the magnetic switch, as shown in the illustration.

(c) Check that the pinion gear moves outside.

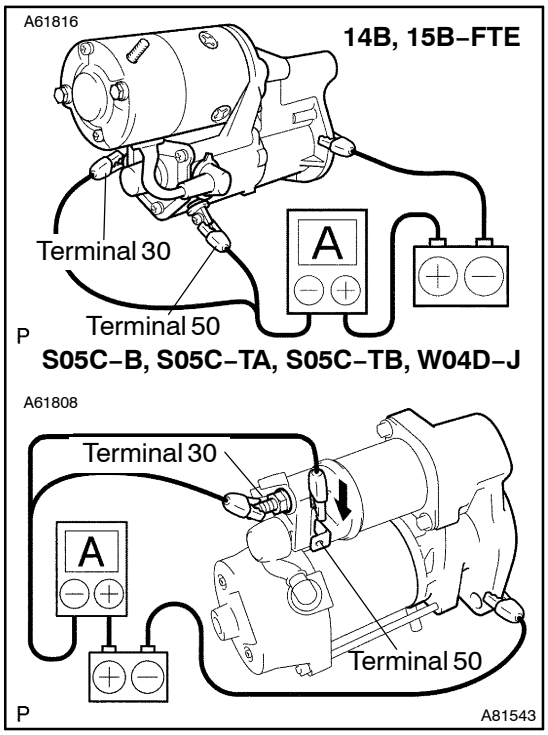


(d) Disconnect the negative lead from terminal C.

(e) Check that the magnetic clutch keeps the pinion gear moving outside.



(f) Disconnect the negative lead from the switch body.
(g) Check that the pinion gear returns.
(h) Connect the lead wire to the terminal C.



2. PERFORM OPERATION TEST WITHOUT LOAD

(a) Connect the battery and ammeter to the starter, as shown in the illustration.
(b) Check that the pinion gear smoothly rotates.
(c) Measure the current when the pinion gear rotates.
Standard current:

14B, 15B–FTE	90A or less
S05C–B, S05C–TA, S05C–TB, W04D–J	100A or less

If the current is not as specified, check the starter assembly.