ST0JC–02

DISASSEMBLY

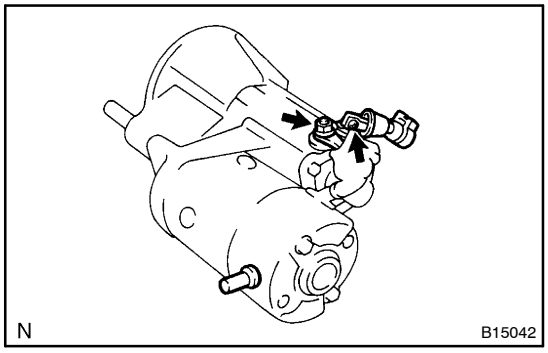
1. REMOVE DUST PROTECTOR

2. REMOVE LEAD WIRE

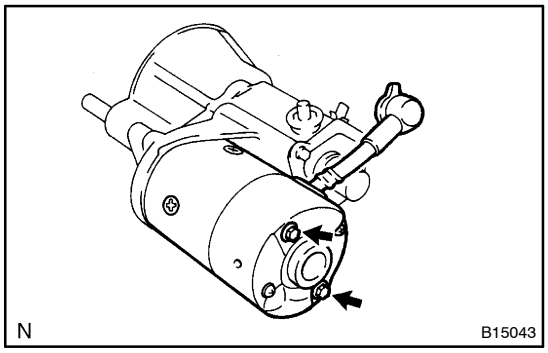
Remove the screw and lead wire from the terminal 50.

3. REMOVE FIELD FRAME WITH ARMATURE FROM MAGNETIC SWITCH ASSEMBLY

(a) Remove the nut, and disconnect the lead wire from the terminal C and remove the plate washer.
Torque: 24 N·m (244 kgf·cm, 18 ft·lbf)



(b) Remove the 2 through bolts.
Torque: 9.3 N·m (95 kgf·cm, 82 in.·lbf)



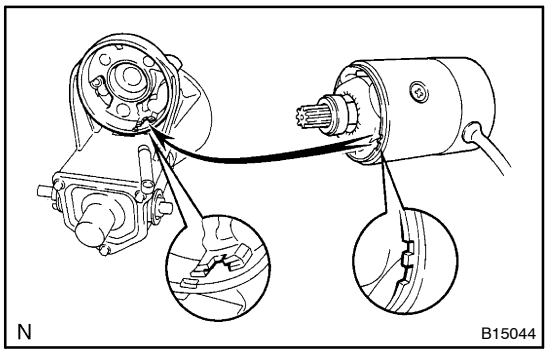
(c) Pull out the field frame together with the armature.

HINT:

Align the protrusion of the field frame with the indentation of the magnetic switch.

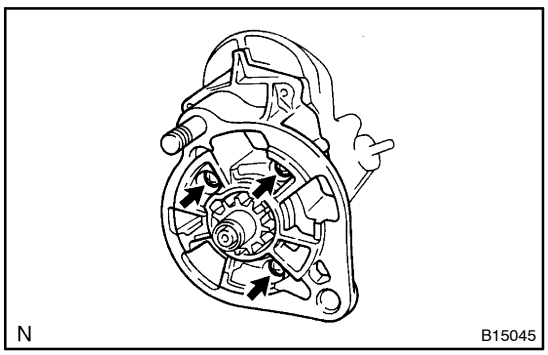
(d) Remove the felt washer.

(e) Remove dust protector.

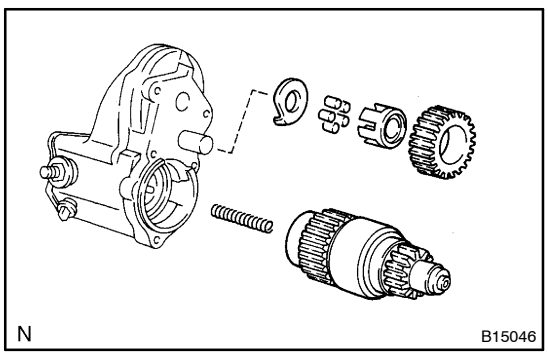


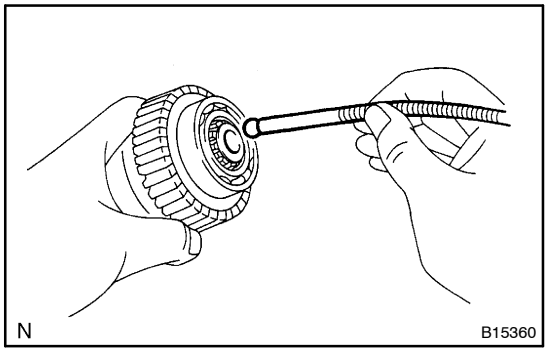
4. REMOVE STARTER HOUSING, CLUTCH ASSEMBLY AND GEAR

(a) Remove the 3 screws and starter housing.
Torque: 9.3 N·m (95 kgf·cm, 82 in.·lbf)



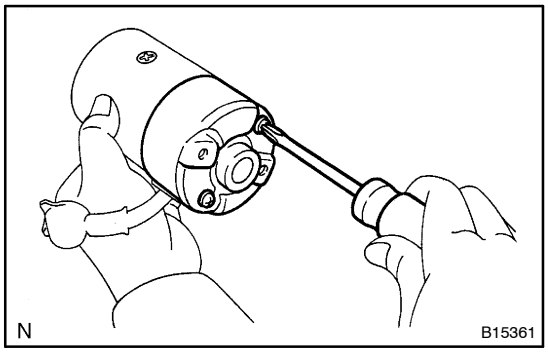
(b) Remove these parts from the magnetic switch:
(1) Clutch assembly
(2) Return spring
(3) Idler gear
(4) Bearing
(5) Plate washer





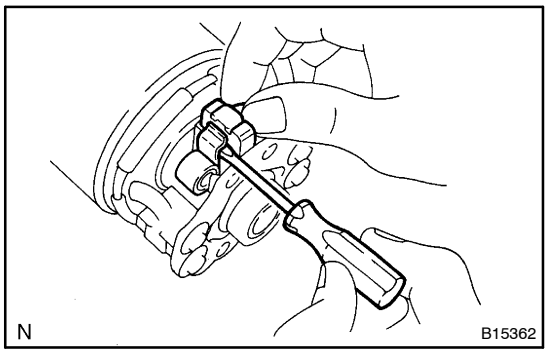
5. REMOVE STEEL BALL

Using a magnetic finger, remove the steel ball from the clutch shaft hole.



6. REMOVE BRUSH HOLDER

(a) Remove the 2 screws and end cover from the field frame.



(b) Using a screwdriver, hold the spring back and disconnect the brush from the brush holder.

(c) Disconnect the 4 brushes, and remove the brush holder.

7. REMOVE ARMATURE FROM FIELD FRAME