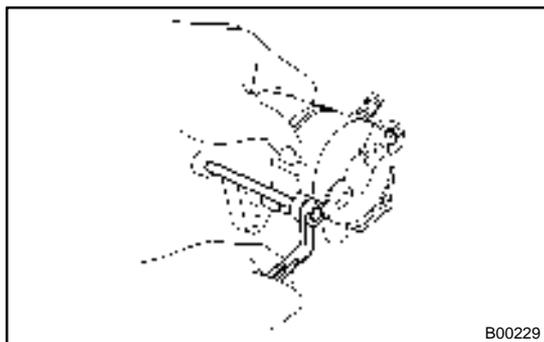


B00545

DISASSEMBLY

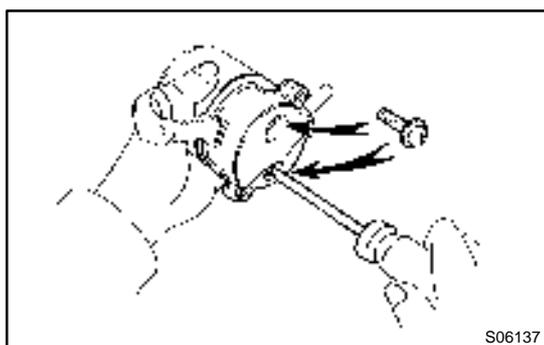
1. REMOVE FIELD FRAME WITH ARMATURE FROM MAGNETIC SWITCH ASSEMBLY

- (a) Remove the nut, and disconnect the lead wire from the magnetic switch terminal.



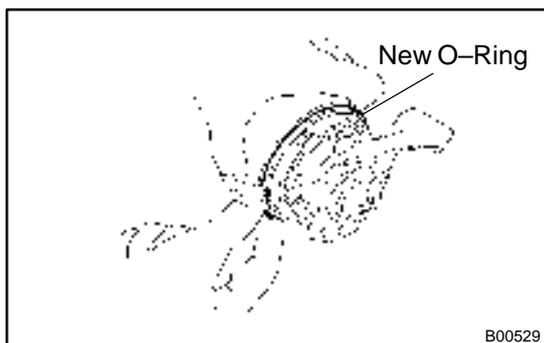
B00229

- (b) Remove the 2 through bolts.
 (c) Pull out the field frame with the armature from the magnetic switch assembly.
 (d) Remove the O-ring.



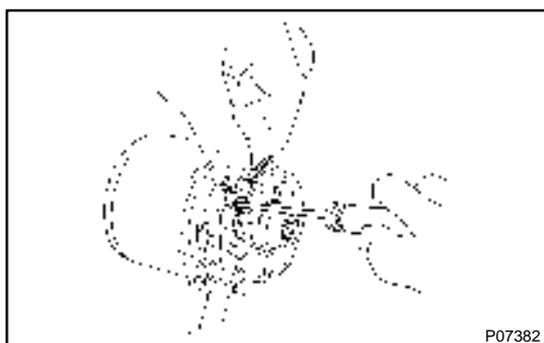
S06137

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



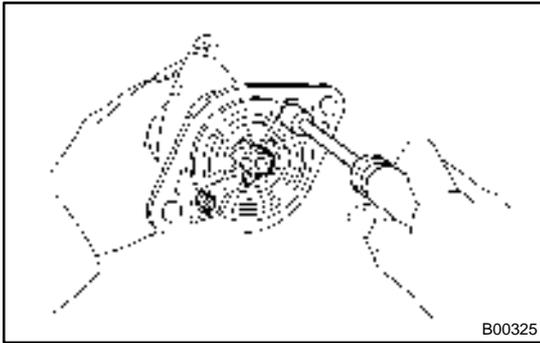
B00529

- (f) Remove the O-ring from the field frame.



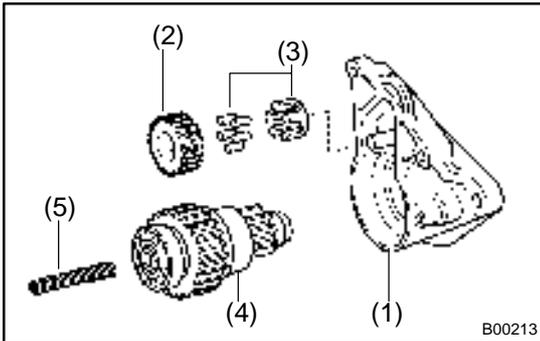
P07382

- (g) Using a screwdriver, hold the spring tank back and disconnect the brush from the brush holder. Disconnect the 4 brushes and remove the brush holder.

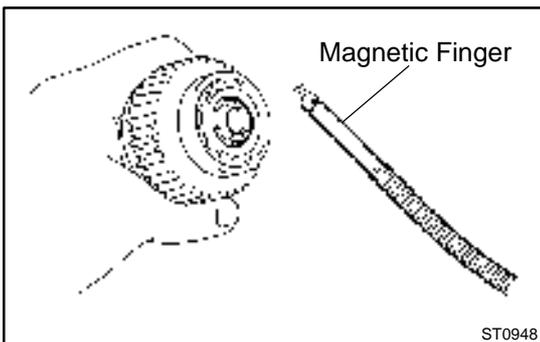


2. REMOVE STARTER HOUSING, CLUTCH ASSEMBLY AND GEARS

(a) Remove the 2 bolts.



(b) Remove the starter housing (1), idler gear (2), bearing (3), clutch assembly (4) and return spring (5) from the magnetic switch assembly.



3. REMOVE STEEL BALL

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