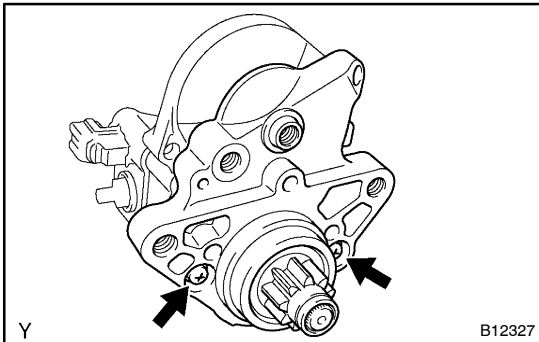


DISASSEMBLY

1. REMOVE FIELD FRAME AND ARMATURE

- (a) Remove the nut, and disconnect the lead wire from the magnetic switch terminal.
- (b) Remove the 2 through bolts.
- (c) Pull out the field frame together with the armature from the magnetic switch.
- (d) Remove the O-ring from the field frame.

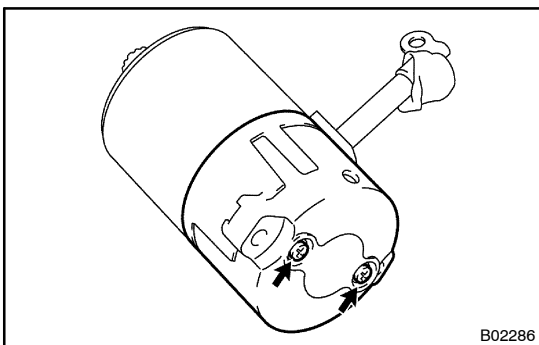
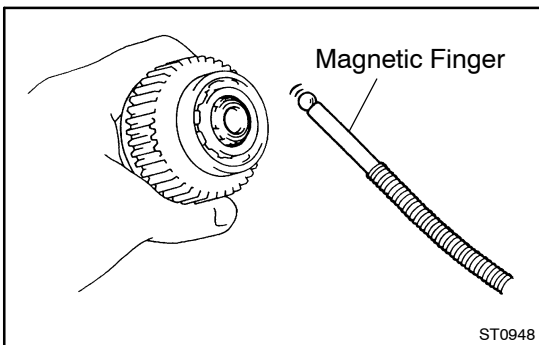


2. REMOVE STARTER HOUSING, CLUTCH ASSEMBLY AND GEARS

- (a) Remove the 2 screws.
- (b) Remove these parts from the magnetic switch:
 - Remove the starter housing.
 - Remove the return spring.
 - Remove the idler gear.
 - Remove the bearing.
 - Remove the starter clutch assembly.
- (c) Remove the O-ring from the starter housing.

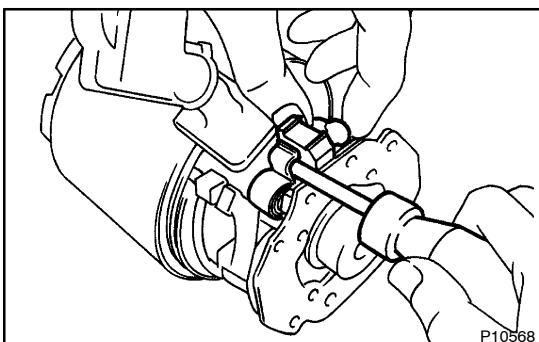
3. REMOVE STEEL BALL

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



4. 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. Disconnect the 4 brushes, and remove the brush holder.

5. REMOVE ARMATURE FROM FIELD FRAME