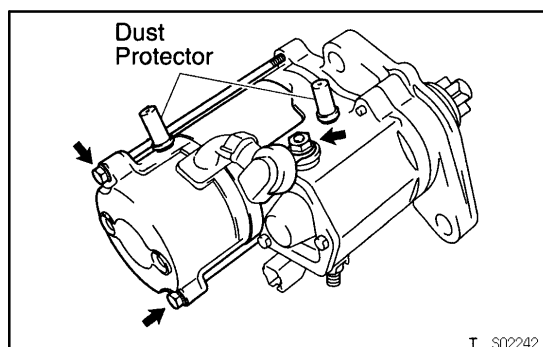


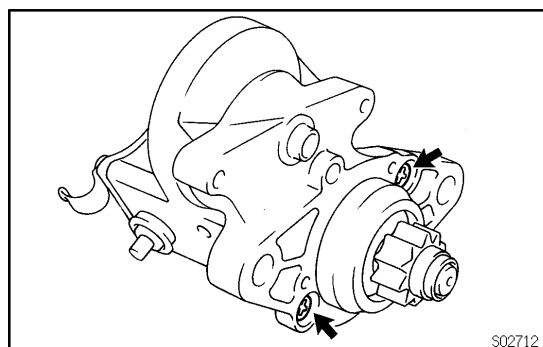


DISASSEMBLY

1. REMOVE DUST PROTECTORS

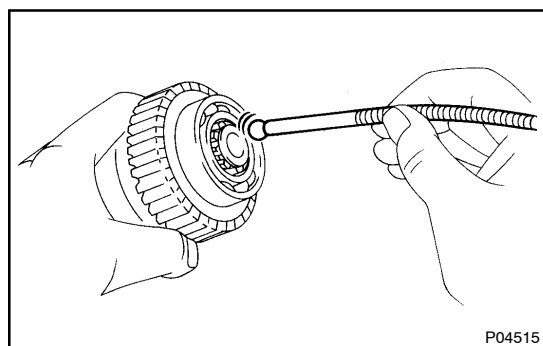
2. REMOVE FIELD FRAME AND ARMATURE

- Remove the nut, and disconnect the lead wire from the magnetic switch terminal.
- Remove the 2 through bolts.
- Pull out the field frame with the armature from the magnetic switch assembly.
- Remove the O-ring.



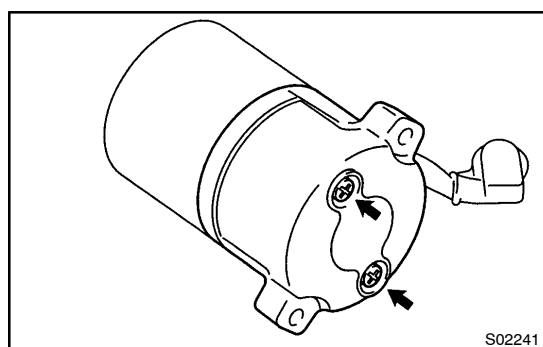
3. REMOVE STARTER HOUSING, CLUTCH ASSEMBLY AND GEAR

- Remove the 2 screws.
- Remove the starter housing, return spring, bearing, idler gear and the starter clutch assembly.



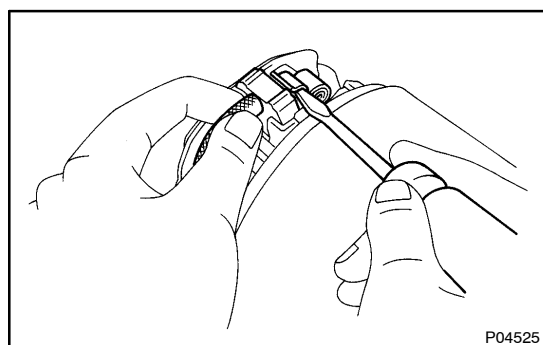
4. REMOVE STEEL BALL

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



5. REMOVE BRUSH HOLDER

- Remove the 2 screws, 2 O-rings and end cover from the field frame.
- Remove the O-ring from the field frame.



- Using a screwdriver, hold the spring back and disconnect the brush from the brush holder. Disconnect the four brushes and remove the brush holder.

6. REMOVE ARMATURE FROM FIELD FRAME