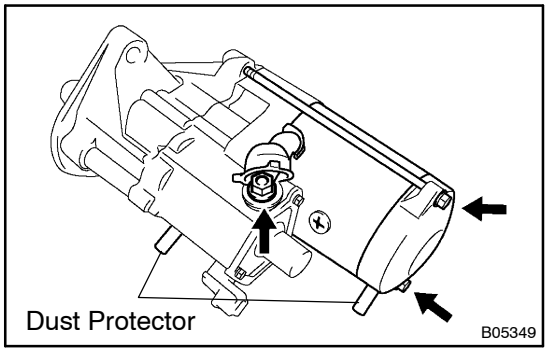
ST0FE–01

DISASSEMBLY



1. REMOVE 2 DUST PROTECTORS

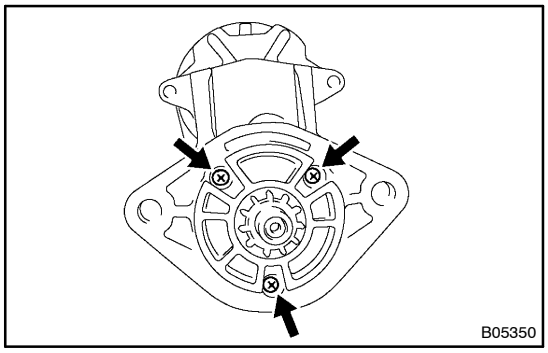
2. REMOVE FIELD FRAME AND ARMATURE

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

(b) Remove the 2 through bolts.

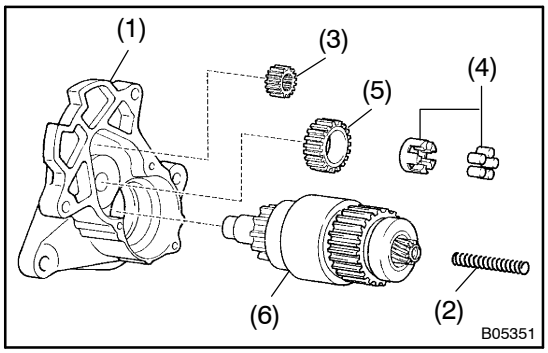
(c) Pull out the field frame together with the armature from the magnetic switch assembly.

(d) Remove the O–ring from the field frame.

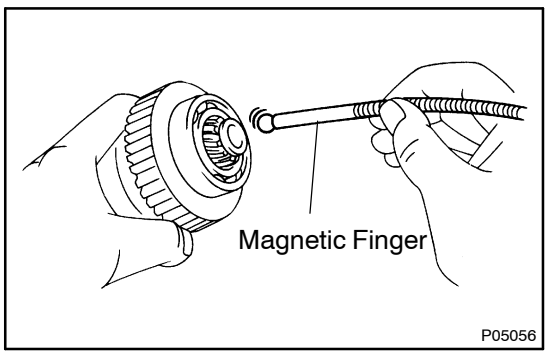


3. REMOVE STARTER HOUSING, CLUTCH ASSEMBLY AND GEAR

(a) Remove the 3 screws.

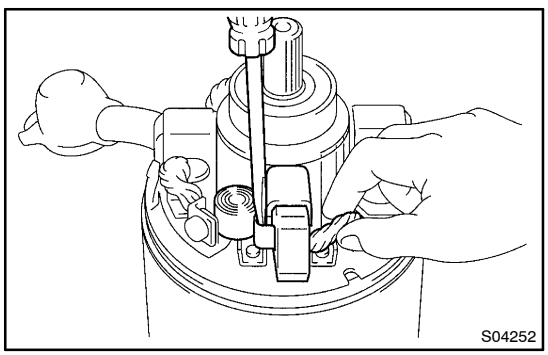


(b) Remove these parts from the magnetic switch assembly:
- (1) Starter housing
- (2) Return spring
- (3) Pinion gear
- (4) Bearing
- (5) Idler gear
- (6) Clutch assembly



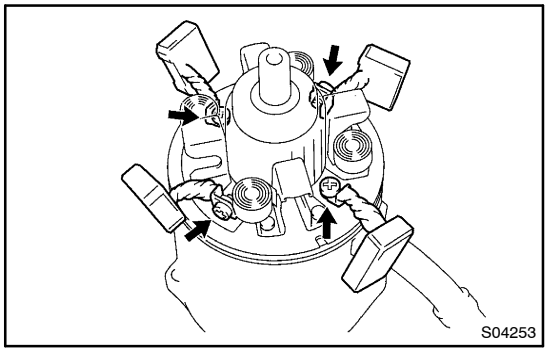
4. REMOVE STEEL BALL

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



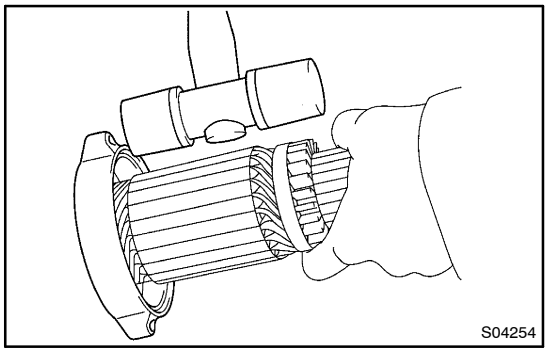
5. REMOVE BRUSH HOLDER

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



(b) Remove the 4 screws and 4 brushes.
(c) Remove the brush holder from the field frame.

6. REMOVE ARMATURE WITH END COVER FROM FIELD FRAME



7. REMOVE ARMATURE FROM END COVER

Using a plastic hammer, tap the end cover to remove the armature from the end cover.