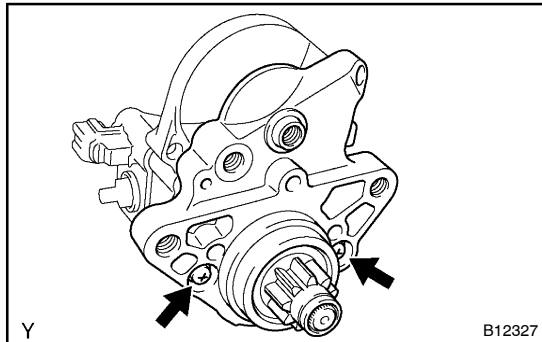


## DISASSEMBLY

### 1. REMOVE DUST PROTECTOR

### 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 together with the armature from the magnetic switch.
- Remove the O-ring from the field frame.

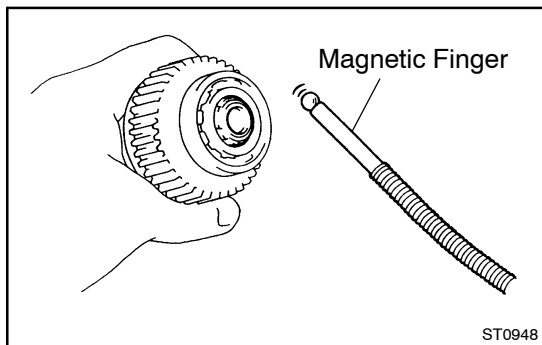


### 3. REMOVE STARTER HOUSING, CLUTCH ASSEMBLY AND GEARS

- Remove the 2 screws.
- 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.
- Remove the O-ring from the starter housing.

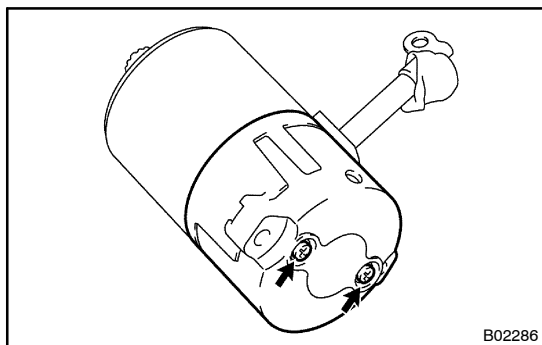
### 4. REMOVE STEEL BALL

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



### 5. REMOVE BRUSH HOLDER

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



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

### 6. REMOVE ARMATURE FROM FIELD FRAME

