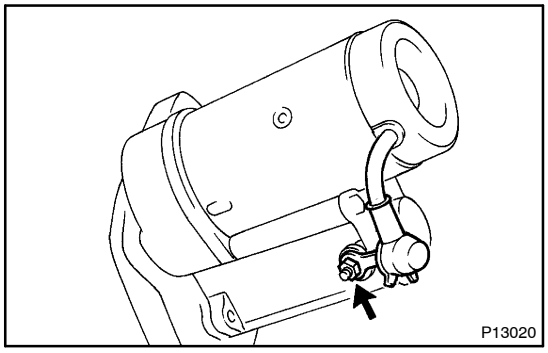
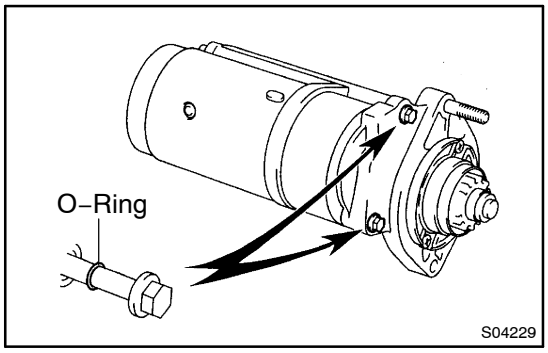
ST0BL–02

DISASSEMBLY

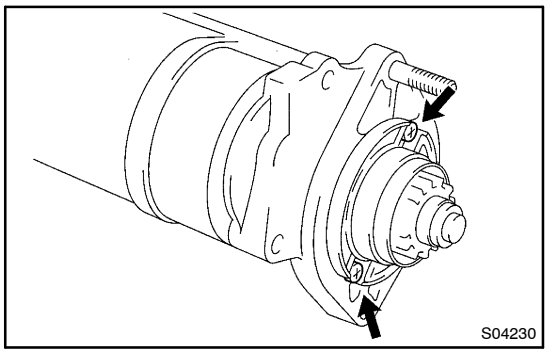


1. REMOVE FIELD FRAME AND ARMATURE

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

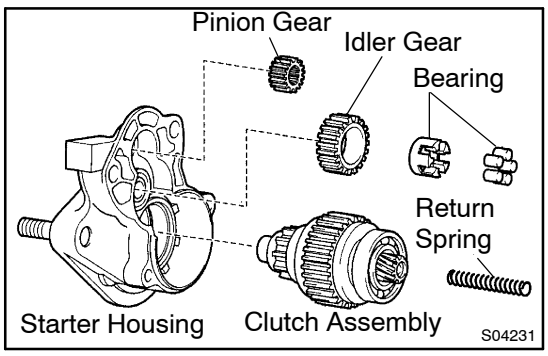


(b) Remove the 2 through bolts and O–rings.
(c) Pull out the field frame with the armature from the magnetic switch assembly.
(d) Remove the O–ring from the field frame.

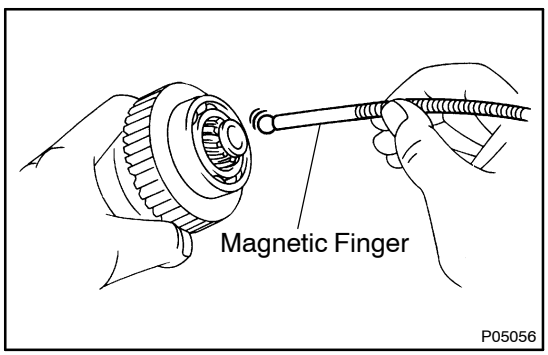


2. REMOVE STARTER HOUSING, CLUTCH ASSEMBLY AND GEARS

(a) Remove the 2 screws.

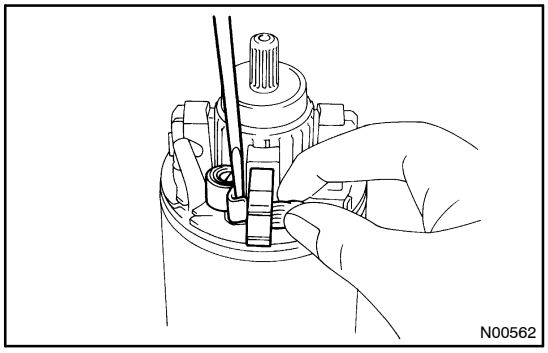


(b) Remove the starter housing, return spring, pinion gear, bearing, idler gear and clutch assembly from the magnetic switch assembly.



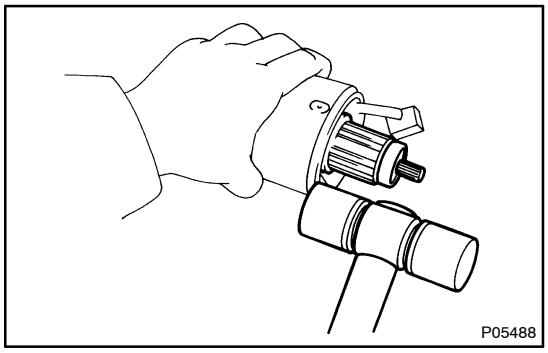
3. REMOVE STEEL BALL

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



4. REMOVE BRUSH HOLDER

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

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