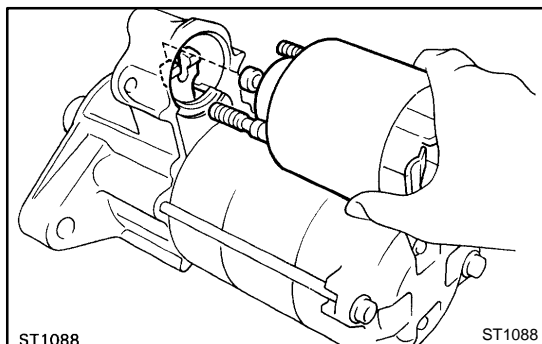


## DISASSEMBLY

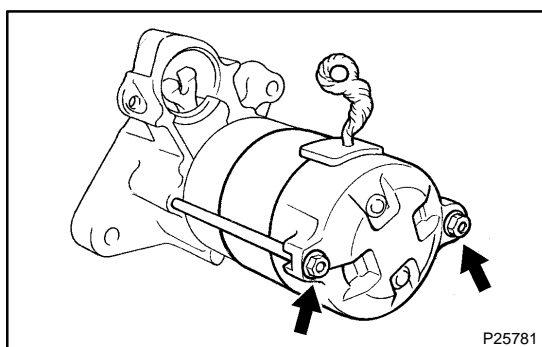
### 1. REMOVE MAGNETIC SWITCH

- (a) Remove the nut, and disconnect the lead wire from the magnetic switch terminal.
- (b) Remove the 2 nuts holding the magnetic switch to the starter housing.
- (c) Pull the magnetic switch and while lifting the front part of the magnetic switch, release the plunger hook from the drive lever, then release the magnetic switch.



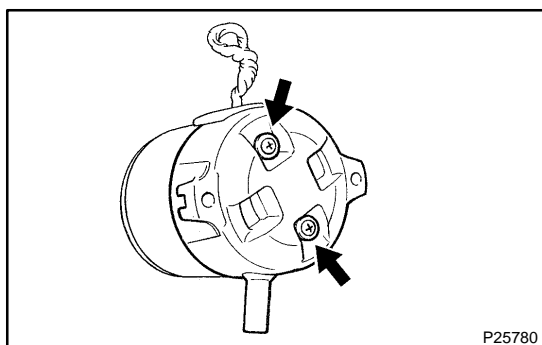
### 2. REMOVE FIELD FRAME AND ARMATURE

- (a) Remove the 2 through bolts.
- (b) Pull out the field frame together with the armature.
- (c) Remove the O-ring from the field frame.



### 3. REMOVE BRUSH HOLDER

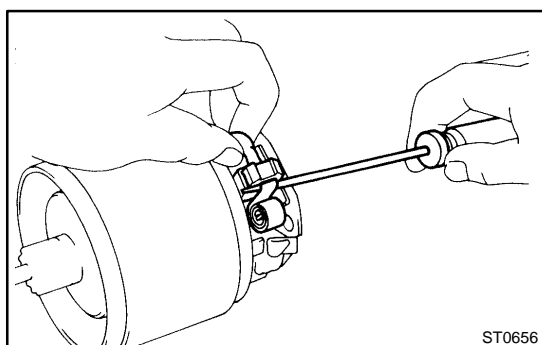
- (a) Remove the 2 screws and end cover from the field frame.
- (b) Remove the O-ring from the field frame.

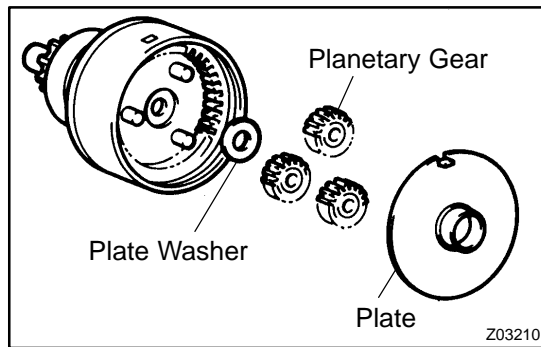


- (c) Using a screwdriver, hold the spring back and disconnect the brush holder. Disconnect the 4 brushes, and remove the brush holder.

### 4. REMOVE ARMATURE FROM FIELD FRAME

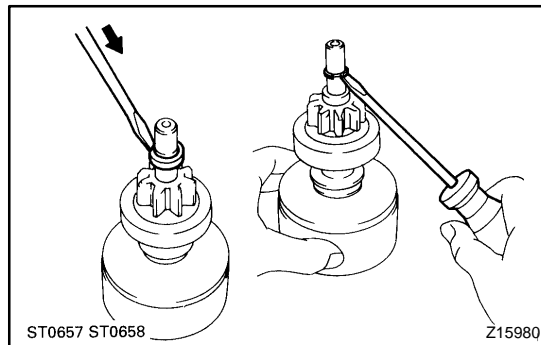
- ### 5. REMOVE DRIVE LEVER AND STARTER CLUTCH WITH SHOCK ABSORBER FROM STARTER HOUSING





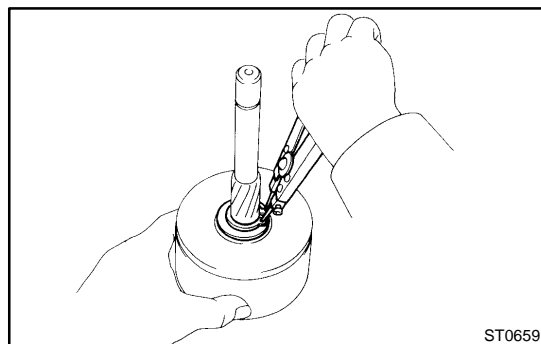
## 6. REMOVE PLANETARY GEARS

Remove the plate, 3 planetary gears and plate washer.



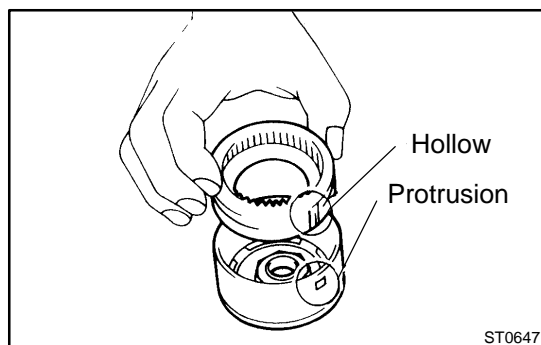
## 7. REMOVE STARTER CLUTCH

- Using a screwdriver, tap in the stop collar towards the starter clutch.
- Using a screwdriver, pry off the snap ring.
- Remove the stop collar and starter clutch from the planetary carrier shaft.



## 8. REMOVE PLANETARY CARRIER SHAFT AND INTERNAL GEAR

- Using snap ring pliers, remove the snap ring and plate washer.
- Remove the planetary carrier shaft and plate washer.



- Align the hollow of the internal gear with the protrusion inside the shock absorber, and remove the internal gear.