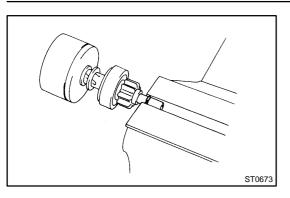


ST0672

Author :

841

STARTING - STARTER

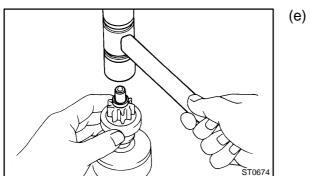


(c) Apply grease to the snap ring, and install it to the planetary carrier shaft groove.

Hold the starter clutch, tap the planetary carrier shaft and

install the stop collar onto the snap ring with a plastic-

(d) Using a vise, compress the snap ring.



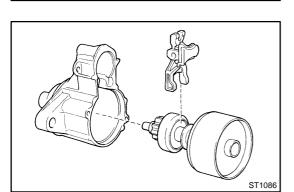
Protrusion Cutout Rozsz Z07229

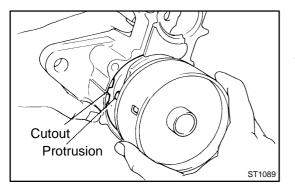
INSTALL PLANETARY GEARS

faced hammer.

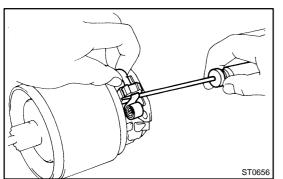
3.

- (a) Apply grease to the planetary gears and flange pin parts of the planet carrier shaft.
- (b) Install the plate washer and 3 planetary gears.
- (c) Align the cutout of the plate with the protrusion inside the shock absorber, and install the plate.
- 4. INSTALL DRIVE LEVER AND STARTER CLUTCH WITH SHOCK ABSORBER
- (a) Apply grease to the drive lever touching the starter pivot part of the drive lever.
- (b) Install the drive lever to the starter clutch.
- (c) Align the protrusion of the shock absorber with the cutout of the drive housing and install them.
- 5. PLACE ARMATURE INTO FIELD FRAME





2002 ECHO (RM884U)



INSTALL BRUSH HOLDER

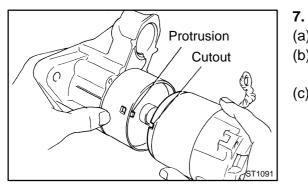
- (a) Place the brush holder in position on the armature.
- (b) Using a screwdriver, hold the brush spring back, and connect the brush into the brush holder. Connect the 4 brushes.

NOTICE:

6.

Check that positive (+) lead wires are not grounded.

- (c) Install a new O-ring to the groove of the field frame.
- (d) Apply turbine oil to the bearing of the end cover.
- (e) Install the end cover to the field frame with 2 screws. Torque: 1.5 N·m (15 kgf·cm, 13 in.·lbf)





- (a) Install a new O-ring to the groove of the field frame.
- (b) Align the cutout of the field frame with the protrusion of the shock absorber.
- (c) Install the field frame and armature assembly with the 2 through bolts.

Torque: 5.9 N·m (60 kgf·cm, 52 in.-lbf)

INSTALL MAGNETIC SWITCH

- (a) Hang the plunger of the magnetic switch to the drive lever from the upper side.
- (b) Install the magnetic switch with the 2 nuts. Torque: 8.3 N·m (85 kgf·cm, 73 in.·lbf)
- (c) Connect the lead wire to the terminal, and install the nut. Torque: 9.8 N·m (100 kgf·cm, 87 in.·lbf)

