

REMOVAL

1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**

CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. **REMOVE ENGINE UNDER COVER LH**

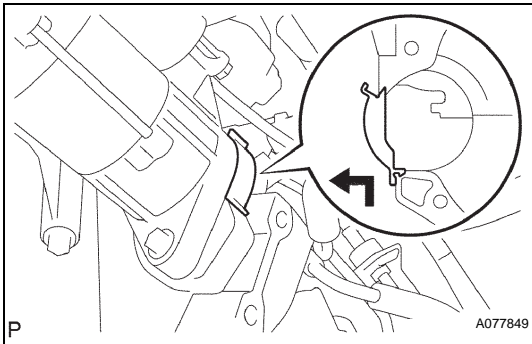
(a) Remove the 4 bolts, nut and cover.

3. **REMOVE ENGINE UNDER COVER RH**

(a) Remove the 4 bolts and cover.

4. **REMOVE FLYWHEEL HOUSING SIDE COVER**

(a) Remove the flywheel housing side cover by pulling it out as shown in the illustration.

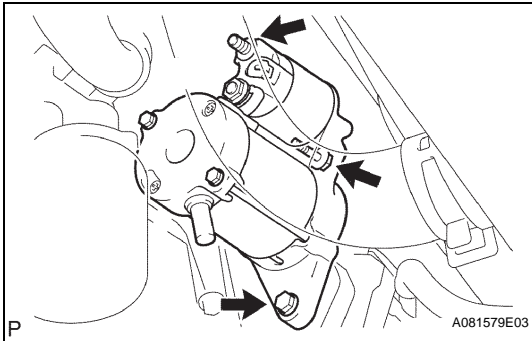


5. **REMOVE STARTER ASSEMBLY**

(a) Remove the nut and starter wire.

(b) Disconnect the starter connector.

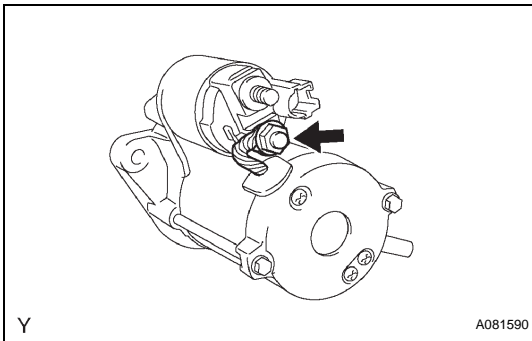
(c) Remove the 2 bolts and starter.

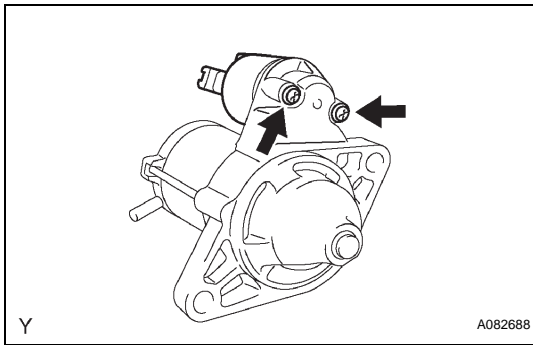


DISASSEMBLY

1. **REMOVE MAGNET SWITCH BODY**

(a) Remove the nut, and disconnect the lead wire from the magnet starter switch body.

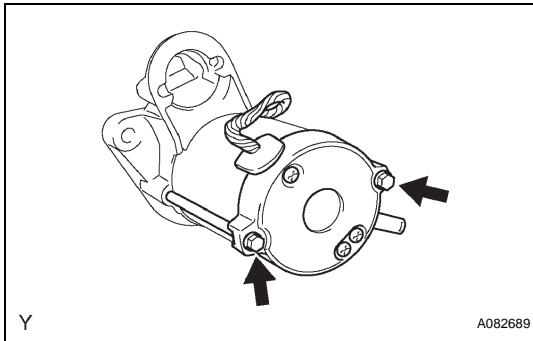




- (b) Remove the 2 screws holding the magnet starter switch body.
- (c) Remove the magnet starter switch body.
- (d) Remove the return spring and plunger.

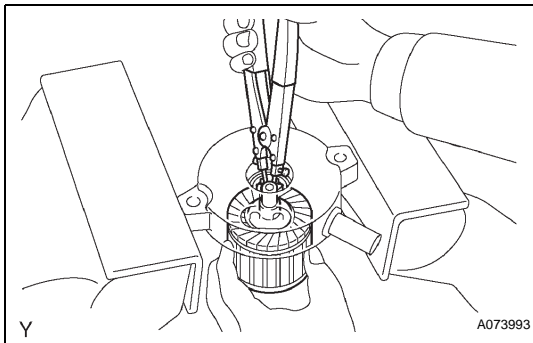
2. REMOVE STARTER COMMUTATOR END FRAME COVER

- (a) Using a screwdriver, remove the cover.



3. REMOVE STARTER ARMATURE ASSEMBLY

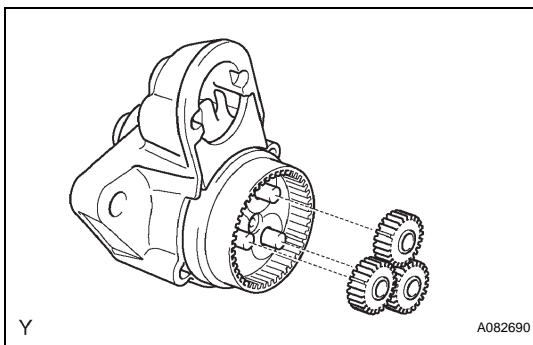
- (a) Remove the 2 through bolts, and pull out the starter yoke and commutator end frame together.
- (b) Remove the starter yoke from the commutator end frame.



- (c) Using snap ring pliers, remove the snap ring and plate washer.
- (d) Remove the starter armature from the commutator end frame.

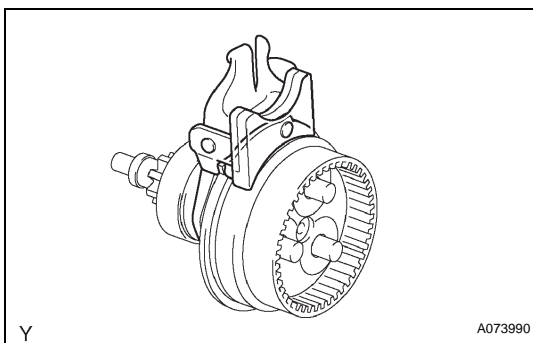
4. REMOVE STARTER ARMATURE PLATE

- (a) Remove the plate from the starter yoke.



5. REMOVE PLANET GEAR

- (a) Remove the 3 planet gears.



6. REMOVE STARTER CENTER BEARING CLUTCH SUB-ASSEMBLY

- (a) Remove the starter center bearing clutch with drive lever set pin from the starter drive housing.
- (b) Remove the drive lever set pin from the starter center bearing clutch.