

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.

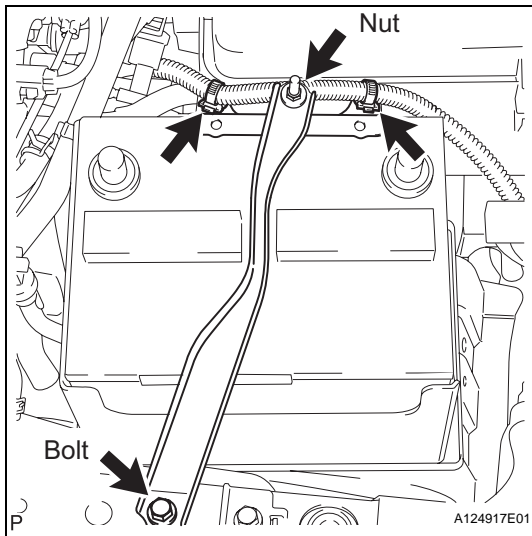
2. **DISCONNECT CABLE FROM POSITIVE BATTERY TERMINAL**

3. **REMOVE BATTERY CLAMP**

- (a) Remove the bolt and loosen the nut.
- (b) Detach the 2 wire harness clamps.
- (c) Detach the hook of the battery clamp from the battery bracket front, and then remove the battery clamp.

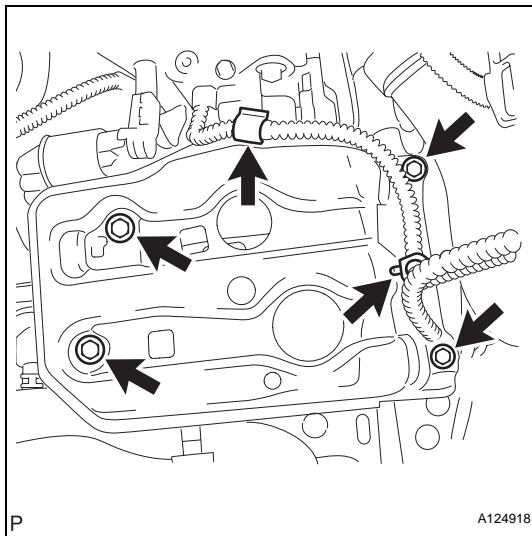
4. **REMOVE BATTERY INSULATOR**

5. **REMOVE BATTERY**



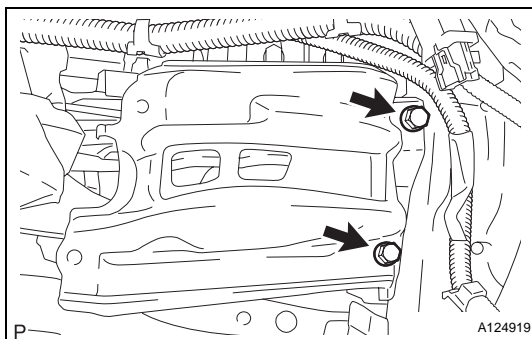
6. **REMOVE FRONT BATTERY BRACKET**

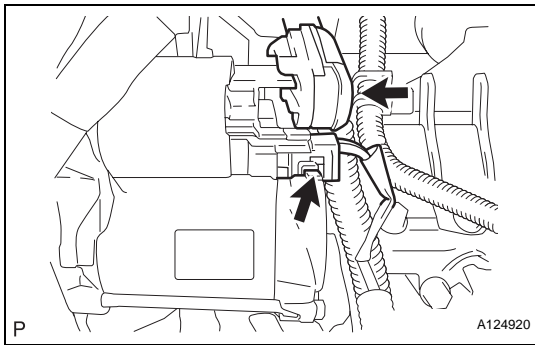
- (a) Detach the 2 wire harness clamps.
- (b) Remove the 4 bolts and bracket front.



7. **REMOVE BATTERY BRACKET REINFORCEMENT**

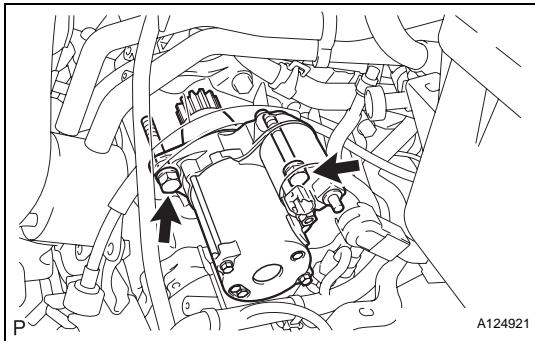
- (a) Remove the 2 bolts and reinforcement bracket.



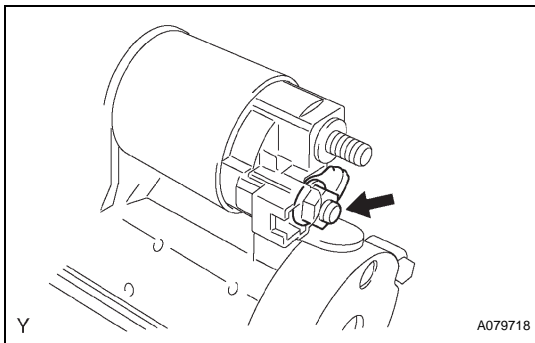


8. REMOVE STARTER ASSEMBLY

- (a) Disconnect the starter connector.
- (b) Open the terminal cap, remove the nut and disconnect the starter wire.



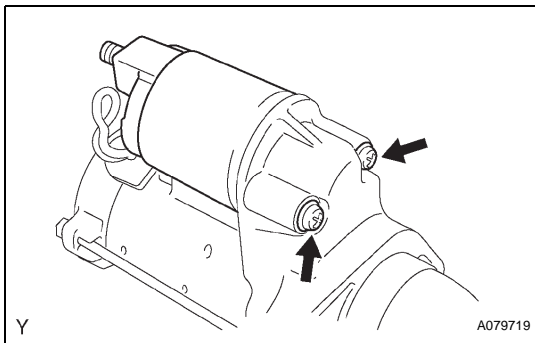
- (c) Remove the 2 bolts and starter.



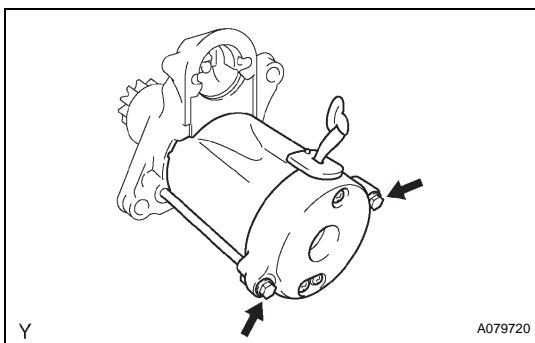
DISASSEMBLY

1. REMOVE MAGNETIC SWITCH ASSEMBLY

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

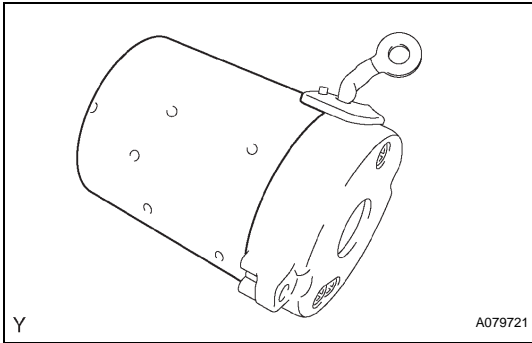


- (b) Remove the 2 screws holding the magnetic switch to the starter drive housing.
- (c) Remove the magnetic switch.
- (d) Remove the return spring and plunger from the starter drive housing.

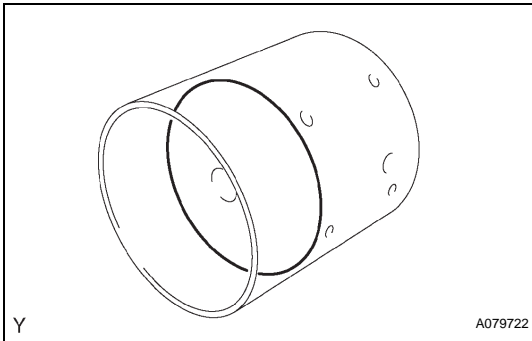


2. REMOVE STARTER YOKE ASSEMBLY

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

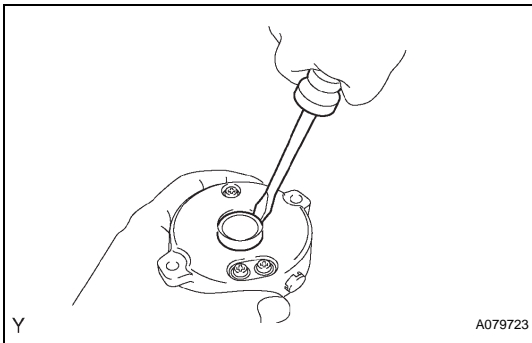


- (b) Remove the starter yoke from the commutator end frame.



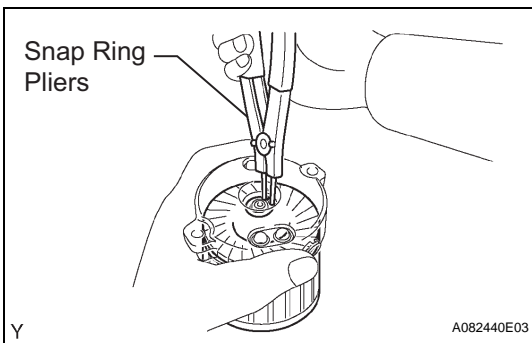
3. REMOVE STARTER ARMATURE PLATE

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



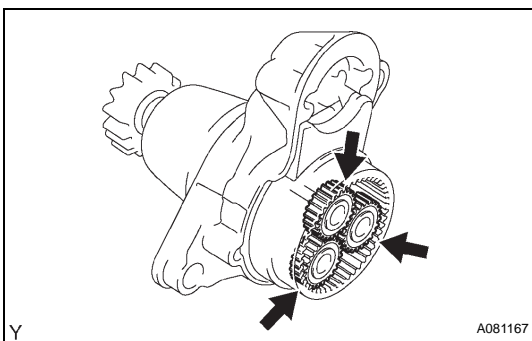
4. REMOVE STARTER COMMUTATOR END FRAME COVER

- (a) Using a screwdriver, pry out the commutator end frame cover.



5. REMOVE STARTER ARMATURE ASSEMBLY

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



6. REMOVE PLANETARY GEAR

- (a) Remove the 3 planetary gears from the starter drive housing.