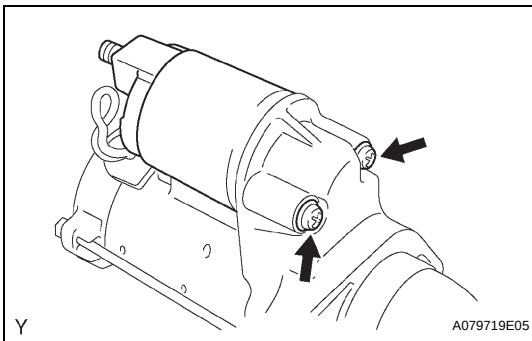
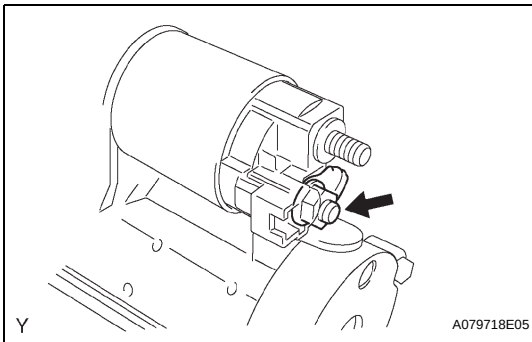
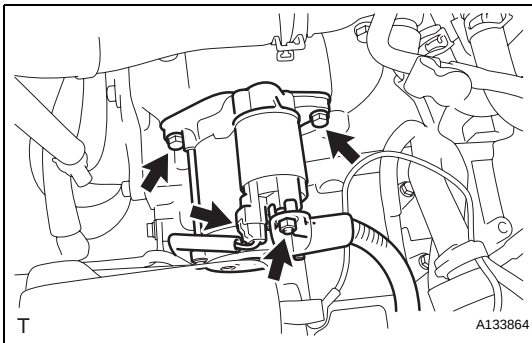


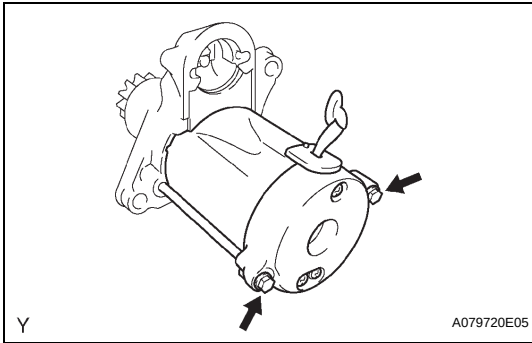
REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL
2. REMOVE COOL AIR INTAKE DUCT SEAL (See page [EM-22](#))
3. REMOVE ENGINE ROOM SIDE COVER LH (See page [EM-22](#))
4. REMOVE V-BANK COVER SUB-ASSEMBLY (See page [EM-23](#))
5. REMOVE NO. 2 AIR CLEANER INLET (See page [EM-23](#))
6. REMOVE AIR CLEANER CAP SUB-ASSEMBLY (See page [ES-519](#))
7. REMOVE AIR CLEANER CASE SUB-ASSEMBLY (See page [EM-23](#))
8. REMOVE NO. 1 AIR CLEANER INLET (See page [EM-23](#))
9. REMOVE STARTER ASSEMBLY
 - (a) Disconnect the terminal 50 connector from the starter assembly.
 - (b) Remove the nut and disconnect the wire harness from terminal 30.
 - (c) Remove the 2 bolts and starter assembly.

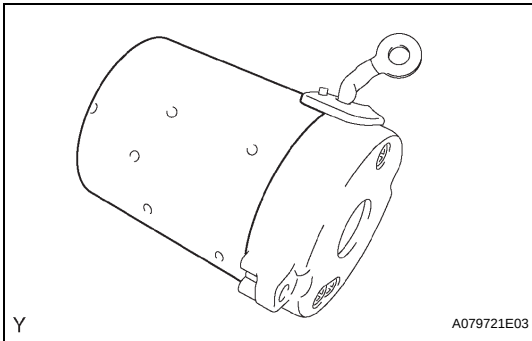


DISASSEMBLY

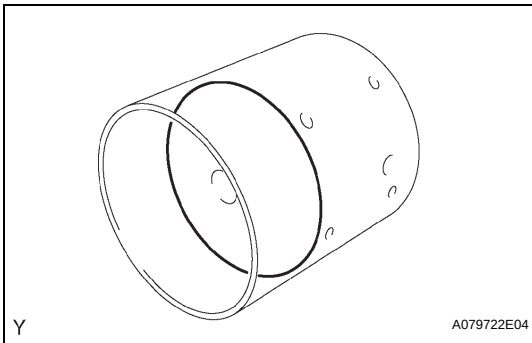
1. REMOVE MAGNETIC SWITCH ASSEMBLY
 - (a) Remove the nut and disconnect the lead wire from terminal C.
 - (b) Remove the 2 screws that hold the magnetic switch assembly to the motor terminal starter kit.
 - (c) Remove the magnetic switch assembly.
 - (d) Remove the return spring and the plunger from the magnetic switch assembly.

**2. REMOVE STARTER YOKE ASSEMBLY**

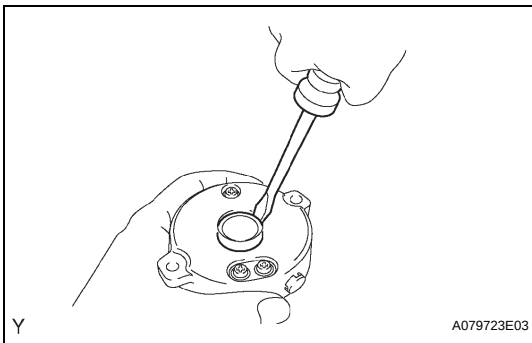
- (a) Remove the 2 through bolts and pull out the starter yoke assembly together with the starter commutator end frame assembly.

**3. REMOVE STARTER COMMUTATOR END FRAME ASSEMBLY**

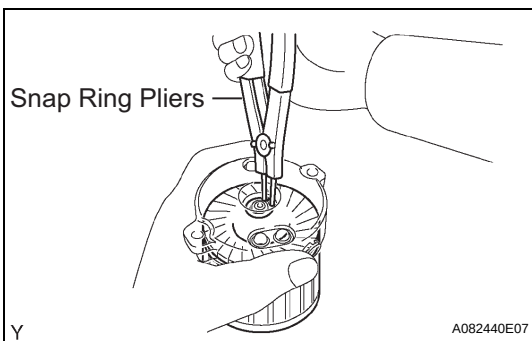
- (a) Remove the starter yoke assembly from the starter commutator end frame assembly.

**4. REMOVE STARTER ARMATURE PLATE**

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

**5. REMOVE STARTER COMMUTATOR END FRAME COVER**

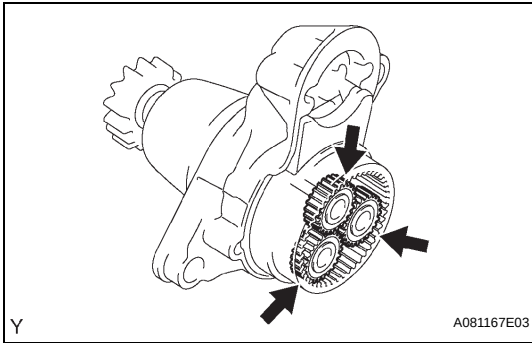
- (a) Using a screwdriver, remove the starter commutator end frame cover.



Snap Ring Pliers

6. REMOVE STARTER ARMATURE ASSEMBLY

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

**7. REMOVE PLANETARY GEAR**

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