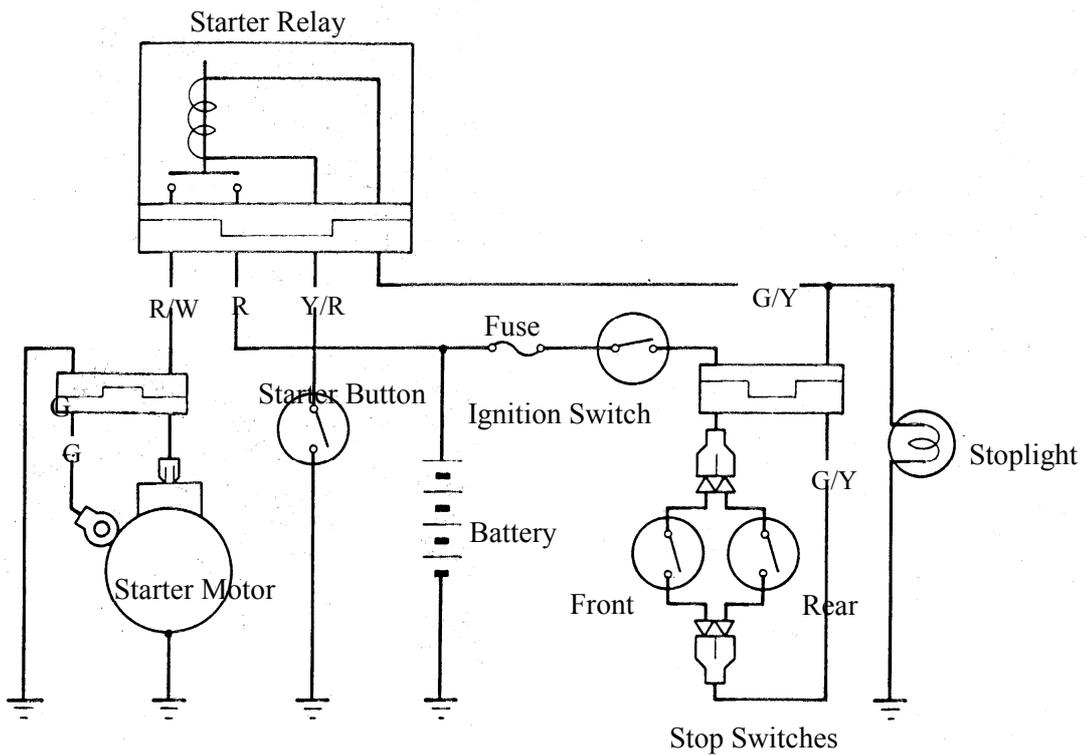
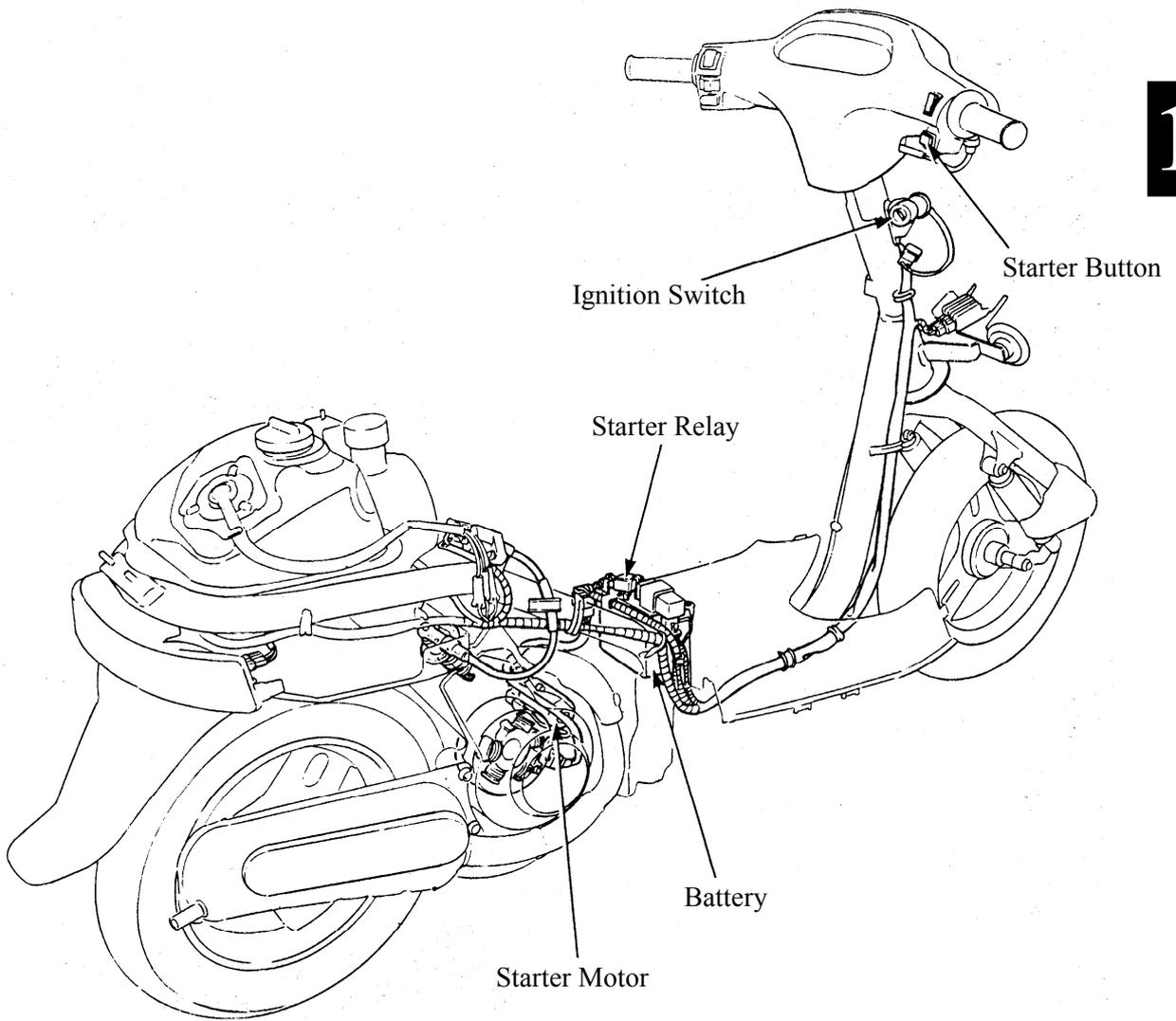


16. STARTING SYSTEM



16. STARTING SYSTEM

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SERVICE INFORMATION

GENERAL INSTRUCTIONS

- The removal of starter motor can be accomplished with the engine installed.

TROUBLESHOOTING

Starter motor won't turn

- Fuse burned out
- Weak battery
- Faulty ignition switch
- Faulty starter clutch
- Faulty front or rear stop switch
- Faulty starter relay
- Poorly connected, broken or shorted wire
- Faulty starter motor

Lack of power

- Weak battery
- Loose wire or connection
- Foreign matter stuck in starter motor or gear

Starter motor rotates but engine does not start

- Faulty starter clutch
- Starter motor rotates reversely
- Weak battery

16. STARTING SYSTEM

STARTER MOTOR REMOVAL

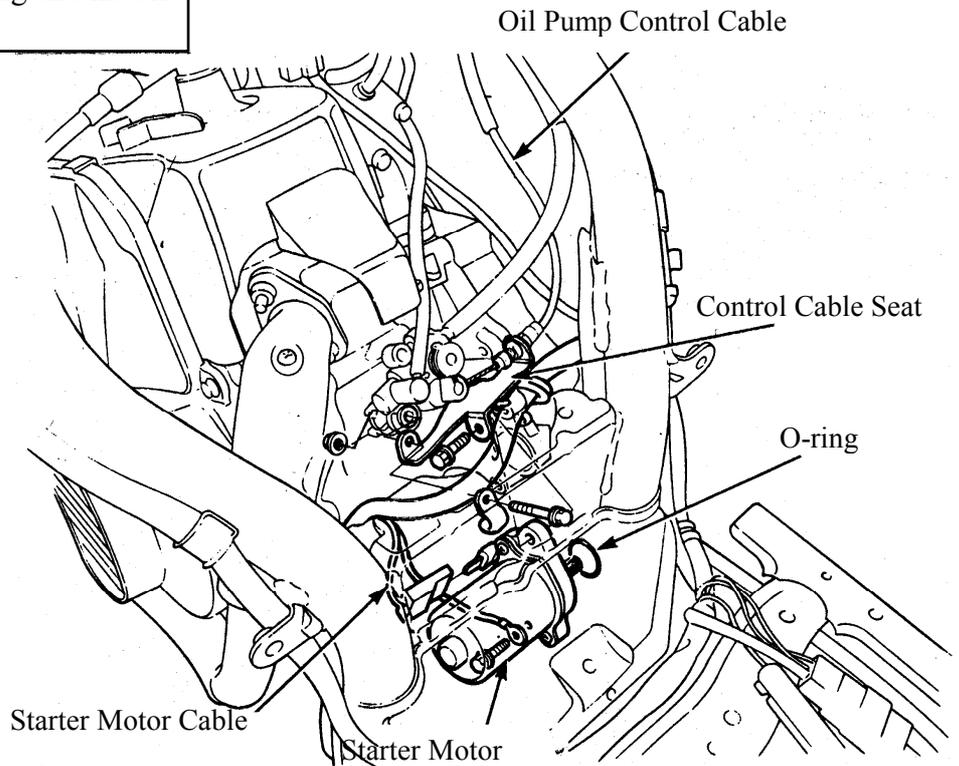
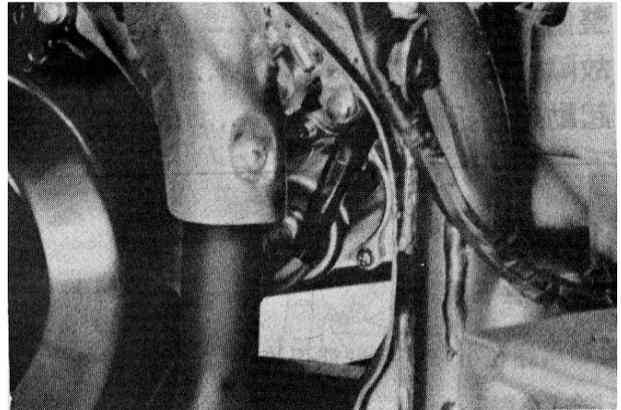
REMOVAL

Remove the met-in box. (⇒11-6)
Remove the oil pump control cable seat bolt and the cable seat.

- * Loosen the oil pump control cable lock nut to remove the adjusting nut. After the adjusting nut is reinstalled, adjust the oil pump control cable again. (⇒2-8)

Disconnect the starter motor cable connector. Remove the starter motor mounting bolts and the motor. The installation sequence is the reverse of removal.

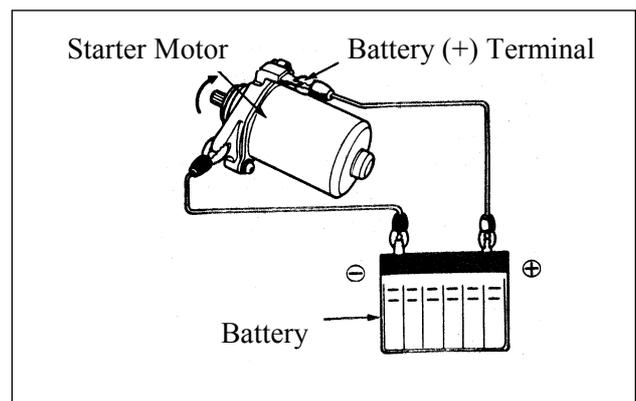
- * Apply grease to a new O-ring and install it.



STARTER MOTOR INSPECTION

Connect a battery across the starter motor and check for its operation. (Check if the starter motor shaft turns counterclockwise.)

- * Do not turn the starter motor for a long time.

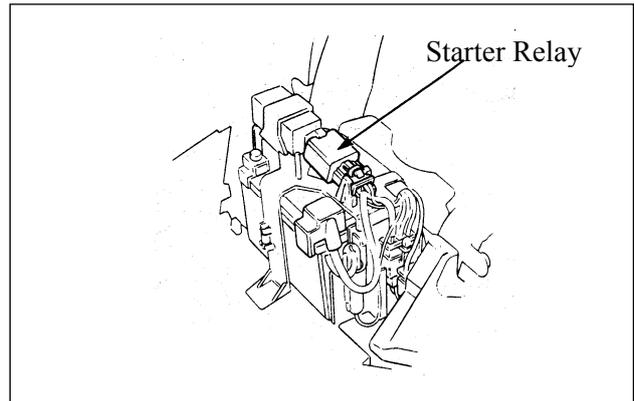


16. STARTING SYSTEM

STARTER RELAY

INSPECTION

Remove the frame center cover. (⇒11-2)
Disconnect the 4P connector from the starter relay and remove the starter relay.



Connect the starter relay (D) terminal to the 12V battery positive (+) terminal and the relay (C) terminal to the battery negative (-) terminal. Check for continuity between the starter relay (A) and (B) terminals. The relay is normal if there is continuity.

