STARTING SYSTEM

CONTENTS

page

REMOVAL AND INSTALLATION
STARTER 1

REMOVAL AND INSTALLATION

STARTER

2.0L ENGINE

REMOVAL

(1) Disconnect battery negative cable (Fig. 1).

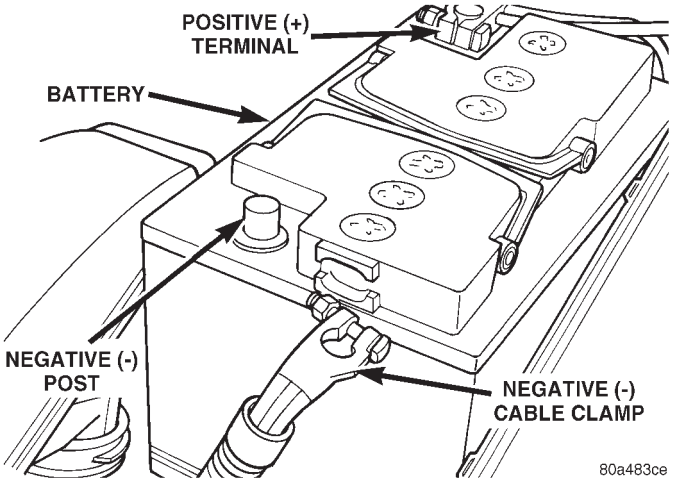

Fig. 1 Battery Negative Cable

(2) Raise vehicle.

(3) Disconnect solenoid wire connector from terminal.

(4) Remove nut holding B+ wire to terminal.

(5) Disconnect solenoid and B+ wires from starter terminals.

(6) Remove bolts holding starter to transaxle bellhousing (Fig. 2).

(7) Remove starter.

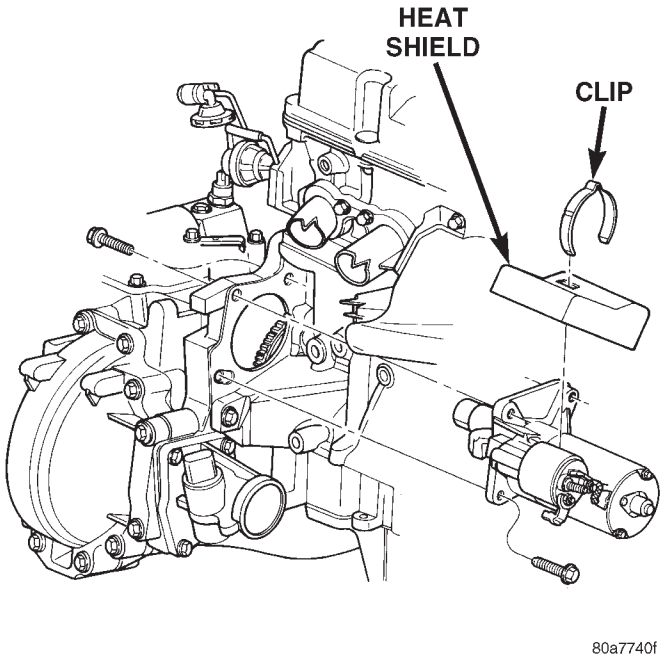

Fig. 2 Starter - 2.0L Engine

INSTALLATION

(1) Place starter in position on vehicle.

(2) Install starter attaching bolts to transaxle bellhousing and tighten to the proper torque.

(3) Place solenoid and B+ wires in position on starter terminals.

(4) Install nut to hold B+ wire to terminal.

(5) Connect solenoid wire connector onto terminal.

(6) Lower vehicle.

(7) Connect battery negative cable.

(8) Verify starter operation.

REMOVAL AND INSTALLATION (Continued)

2.4L ENGINE - With Manual Transaxle

REMOVAL

(1) Release hood latch and open hood.
(2) Disconnect battery negative cable (Fig. 1).
(3) Hoist and support vehicle on safety stands.
(4) Disconnect solenoid wire connector from terminal.
(5) Remove nut holding B+ wire to terminal.
(6) Disconnect solenoid and B+ wires from starter terminals.
(7) Remove bolts holding starter to transaxle bellhousing (Fig. 3).
(8) Remove starter.

INSTALLATION

(1) Place starter in position on vehicle.
(2) Install starter attaching bolts to transaxle bellhousing and tighten to the proper torque.
(3) Place solenoid and B+ wires in position on starter terminals.
(4) Install nut to hold B+ wire to terminal.
(5) Connect solenoid wire connector onto terminal.
(6) Lower vehicle.
(7) Connect battery negative cable.
(8) Verify starter operation.

2.4L ENGINE - With Automatic Transaxle

REMOVAL

(1) Release hood latch and open hood.
(2) Disconnect battery negative cable (Fig. 1).
(3) Hoist and support vehicle on safety stands.
(4) Disconnect solenoid wire connector from terminal.
(5) Remove nut holding B+ wire to terminal.
(6) Disconnect solenoid and B+ wires from starter terminals.

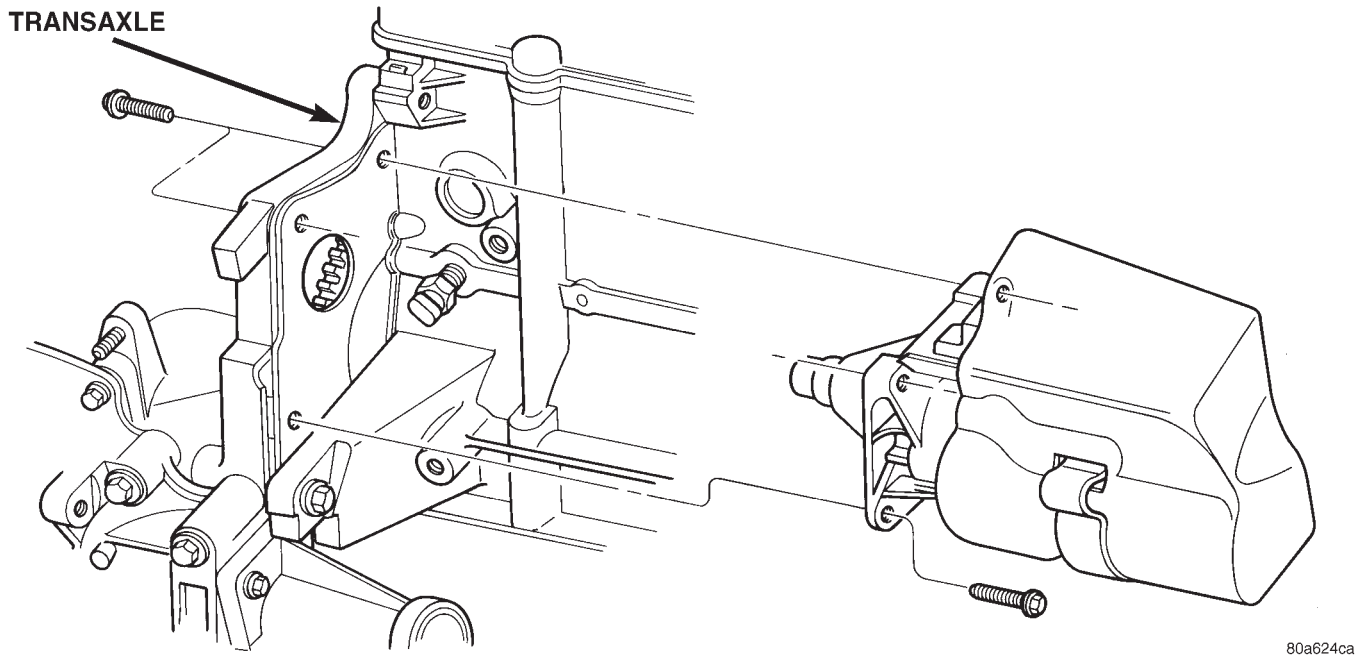

Fig. 3 Starter - 2.4L Engine with Manual Transaxle

REMOVAL AND INSTALLATION (Continued)

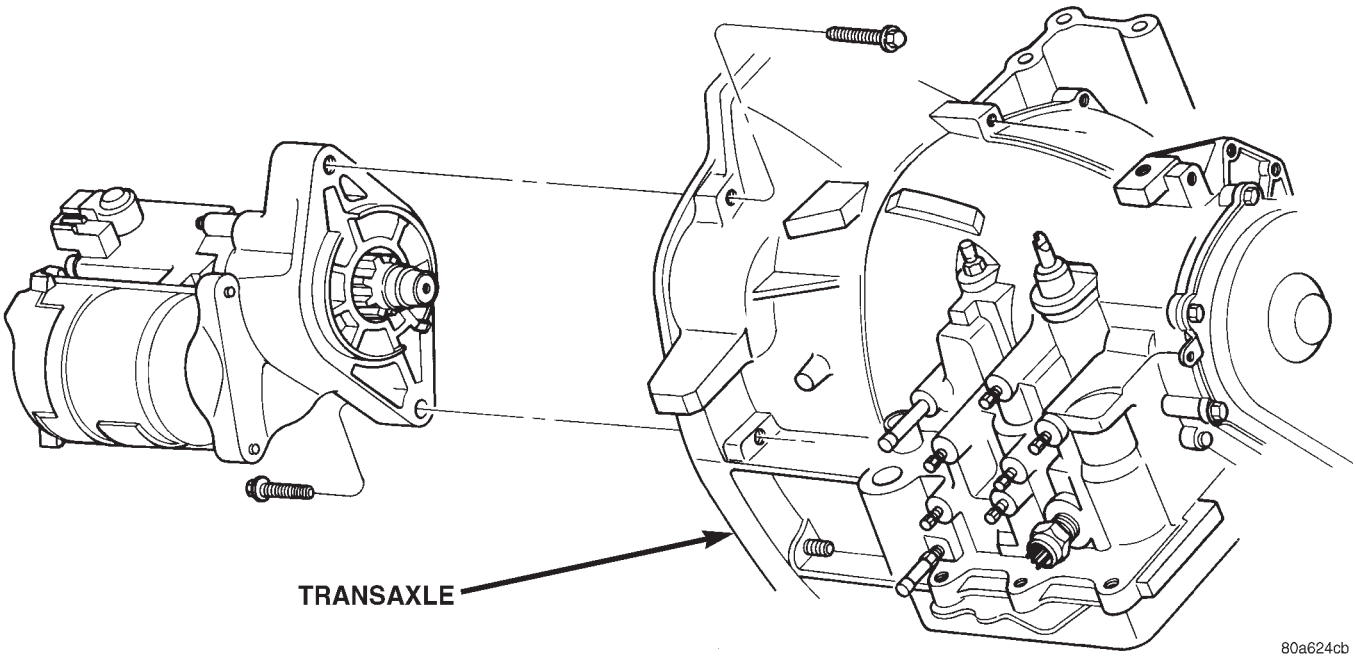

Fig. 4 Starter - 2.4L Engine with Automatic Transaxle

(7) Remove bolts holding starter to transaxle bellhousing (Fig. 4).

(8) Remove starter.

INSTALLATION

(1) Place starter in position on vehicle.

(2) Install starter attaching bolts to transaxle bellhousing and tighten to the proper torque

(3) Place solenoid and B+ wires in position on starter terminals.

(4) Install nut to hold B+ wire to terminal.

(5) Connect solenoid wire connector onto terminal.

(6) Lower vehicle.

(7) Connect battery negative cable.

(8) Verify starter operation.

3.0L ENGINE

REMOVAL

(1) Release hood latch and open hood.

(2) Disconnect battery negative cable (Fig. 1).

(3) Hoist and support vehicle on safety stands.

(4) Remove nut holding solenoid wire to terminal (Fig. 5).

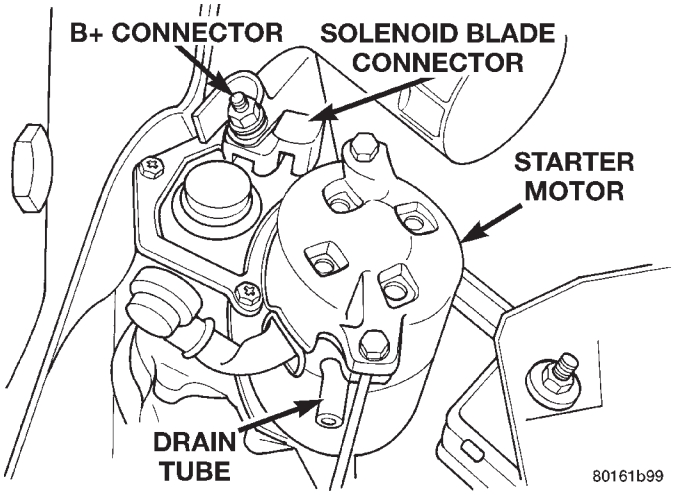

Fig. 5 Wire Connectors

(5) Remove nut holding B+ wire to terminal (Fig. 6)

(6) Disconnect solenoid and B+ wires from starter terminals.

REMOVAL AND INSTALLATION (Continued)

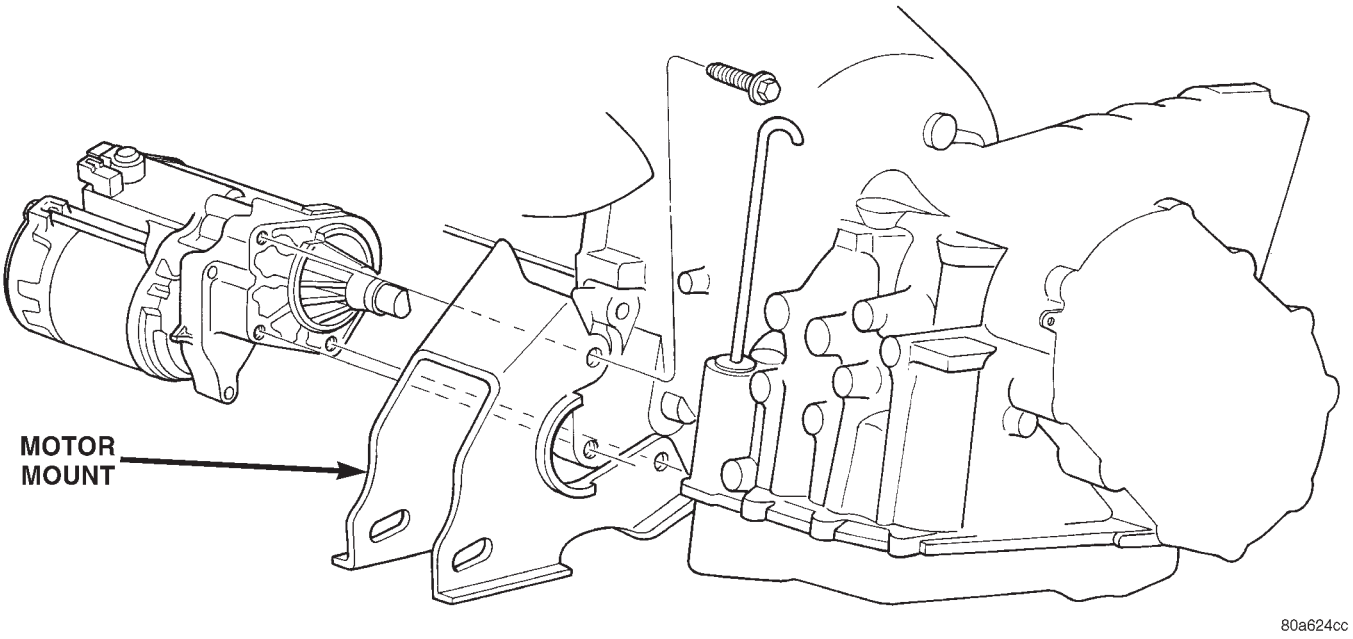

Fig. 6 Starter–3.0L Engine

(7) Remove bolts holding starter to transaxle bellhousing (Fig. 6).
(8) Remove starter.

INSTALLATION

(1) Place starter in position on vehicle.
(2) Install starter attaching bolts to transaxle bellhousing and tighten to the proper torque.
(3) Place solenoid and B+ wires in position on starter terminals.
(4) Install nut to hold B+ wire to terminal.
(5) Install nut to hold solenoid wire to terminal.
(6) Lower vehicle.
(7) Connect battery negative cable.
(8) Verify starter operation.

3.3/3.8L ENGINE

REMOVAL

(1) Release hood latch and open hood.
(2) Disconnect battery negative cable (Fig. 1).
(3) Hoist and support vehicle on safety stands.
(4) Remove nut holding B+ terminal to starter solenoid (Fig. 7).
(5) Disconnect solenoid connector from starter.
(6) Remove bolts holding starter to transaxle bellhousing.
(7) Remove starter from bellhousing (Fig. 8).
(8) Separate starter spacer from transaxle bellhousing.

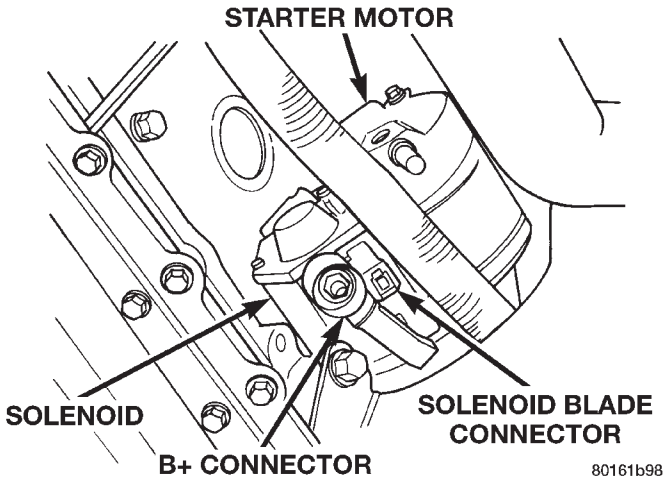

Fig. 7 Wire Connectors

INSTALLATION

(1) Place starter spacer in position on transaxle bellhousing, flange toward flywheel.
(2) Place starter in position on bellhousing.
(3) Install starter attaching bolts to transaxle bellhousing and tighten to the proper torque.
(4) Connect solenoid connector into starter.
(5) Install nut to hold B+ terminal to starter solenoid.
(6) Lower vehicle.
(7) Connect battery negative cable.
(8) Verify starter operation.

REMOVAL AND INSTALLATION (Continued)

2.5L DIESEL ENGINE

REMOVAL

(1) Release hood latch and open hood.
(2) Disconnect battery negative cable (Fig. 1).
(3) Hoist and support vehicle on safety stands.
(4) Disconnect solenoid wire connector from terminal.
(5) Remove nut holding B+ wire to terminal.
(6) Disconnect solenoid and B+ wires from starter terminal.
(7) Remove three bolts holding starter to transaxle bellhousing (Fig. 9).
(8) Remove starter.

INSTALLATION

For installation, reverse the above procedures and verify the operation of the starter.

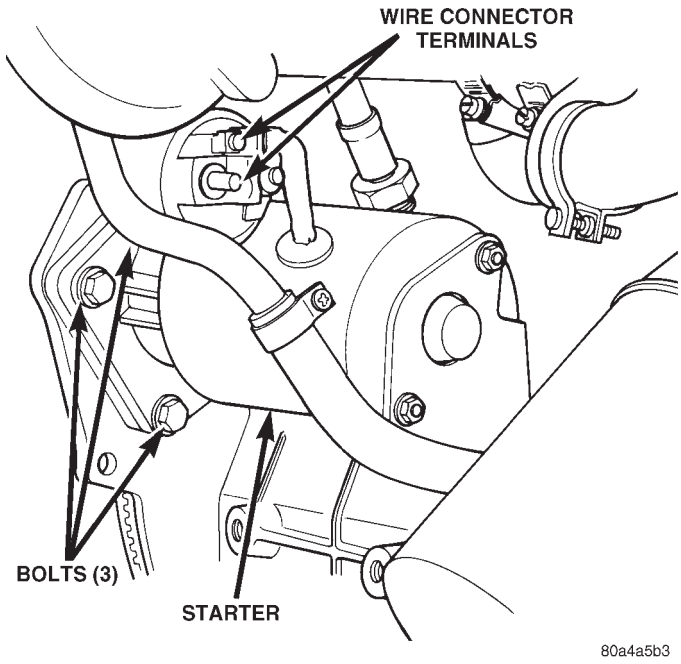

Fig. 9 Starter–2.5L Diesel Engine

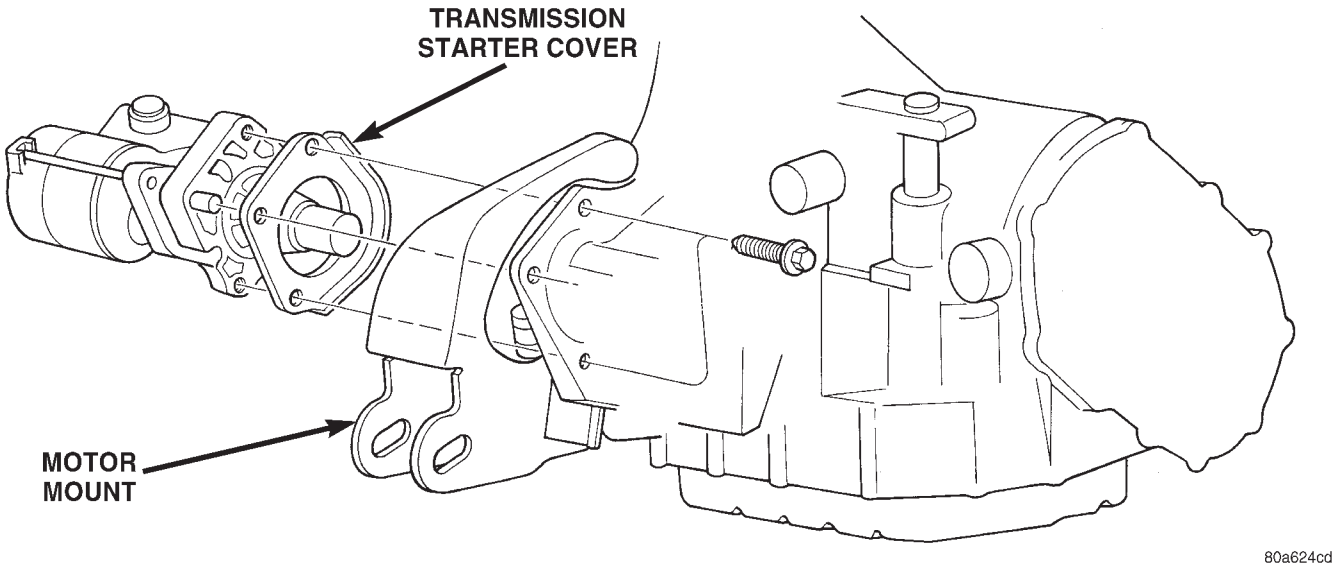

Fig. 8 Starter–3.3/3.8L Engine