

- (3) Place the socket (driver) against one bearing cap. Position the yoke with the socket wrench in a vise.
- (4) Compress the vise to force the bearing caps into the yoke. Force the caps enough to install the retaining clips.
- (5) Install the bearing cap retaining clips.
- (6) Install the axle shaft, refer to Hub Bearing and Axle Shaft installation.

VACUUM DISCONNECT AXLE — YJ VEHICLES

VACUUM CONTROL SYSTEM

The disconnect axle control system consists of;

- Vacuum control switch on the transfer case
- Air vent filter
- Shift motor
- Indicator switch
- Vacuum switch
- Check valve
- Vacuum harness (Fig. 9, 10)

Refer to Group 21—Transmissions for additional information involving the Command-Trac System Transfer Case.

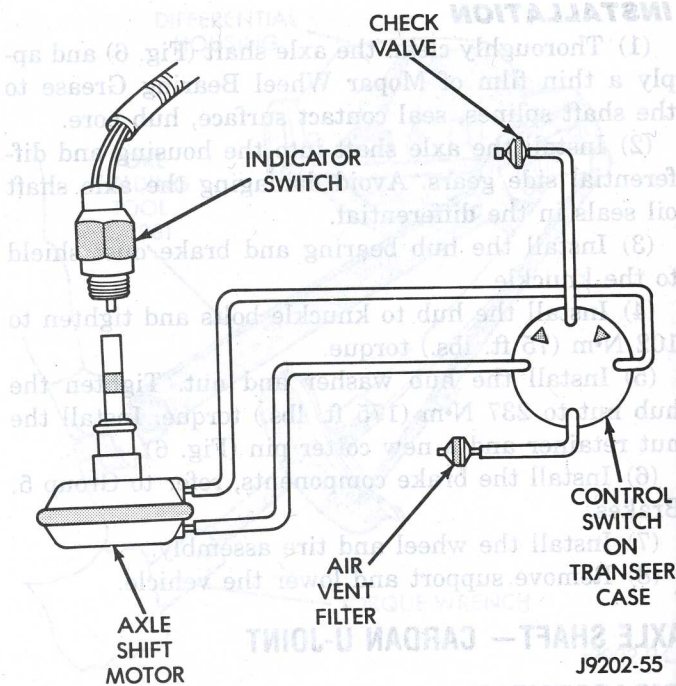


Fig. 9 Vacuum Control System

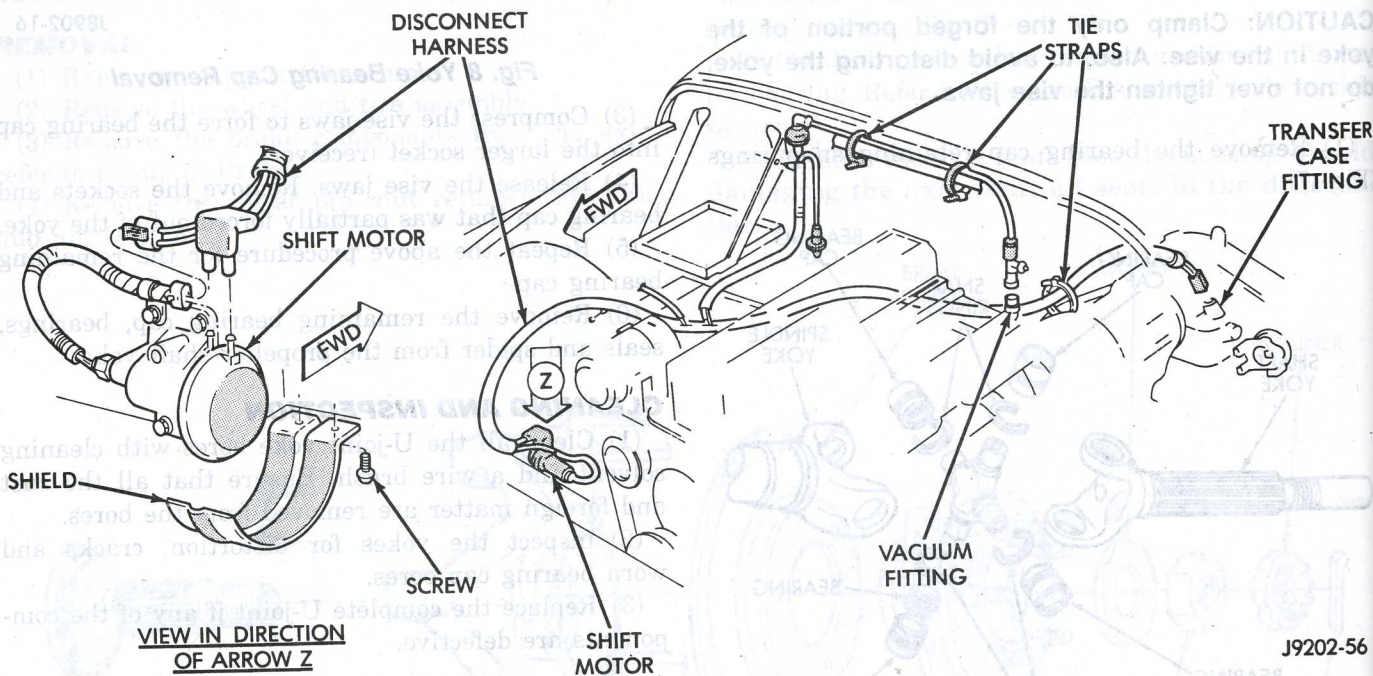


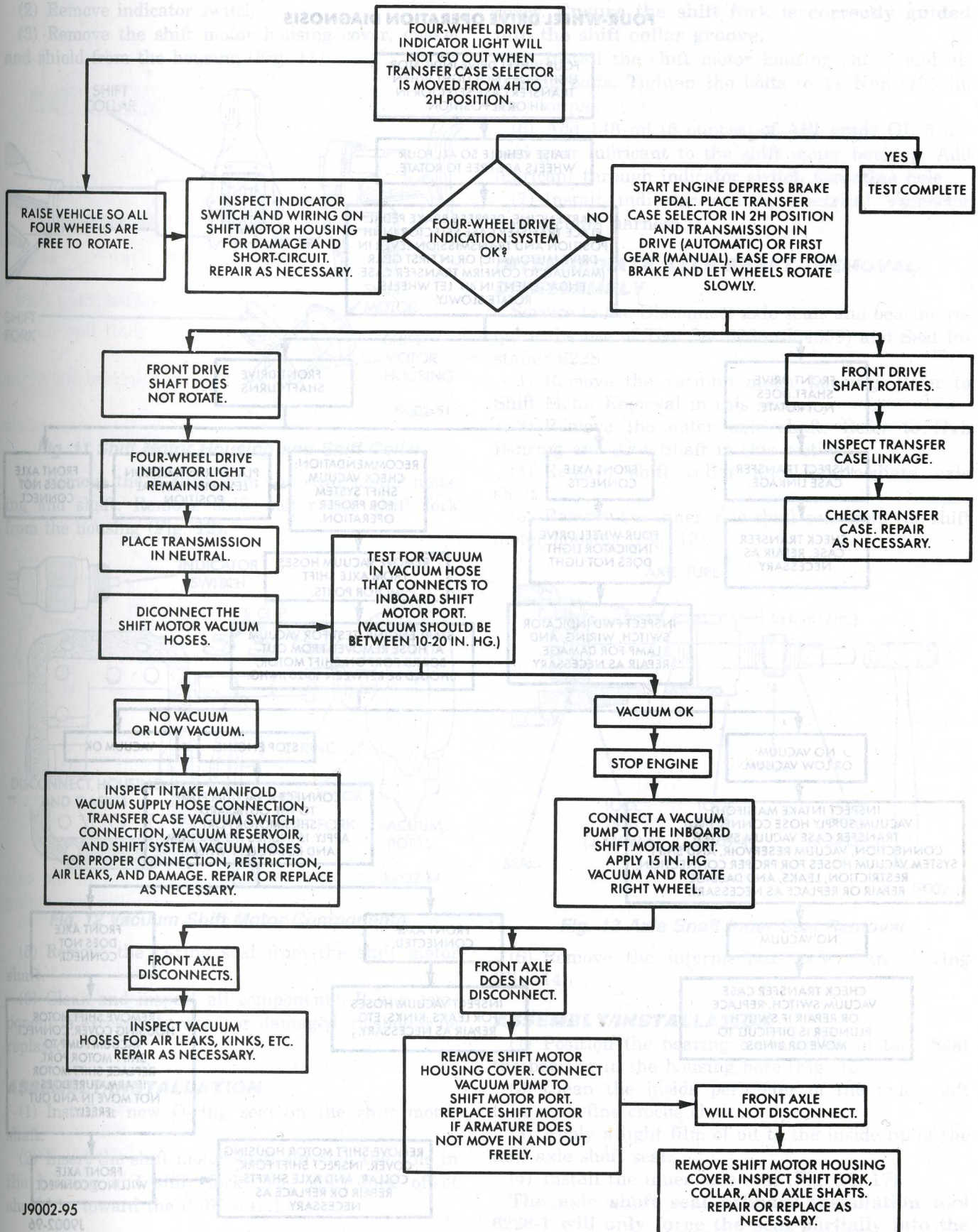
Fig. 10 Vacuum Hose Routing

RAISE V
FOUR
FREE

VAC
CO
AIR
FOR R
AIR LEA

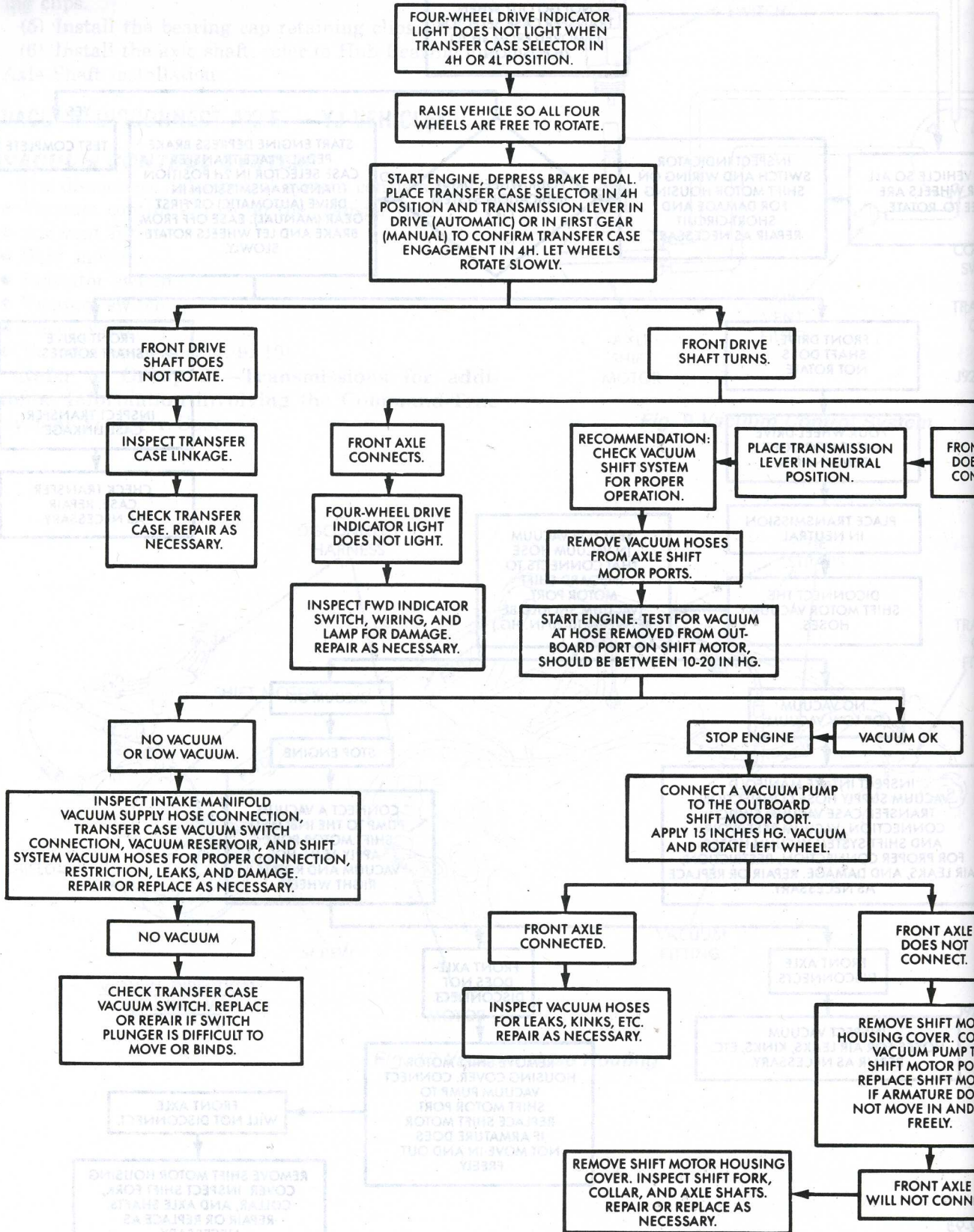
DISCONNECT AXLE/SHIFT MOTOR DIAGNOSIS

TWO-WHEEL DRIVE OPERATION DIAGNOSIS



DISCONNECT AXLE/SHIFT MOTOR DIAGNOSIS (CONT'D)

FOUR-WHEEL DRIVE OPERATION DIAGNOSIS



SHIFT MOTOR - R
 1) Disconnect the...
 in the shift housing...
 2) Remove indicat...
 3) Remove the shi...
 shield from the l...

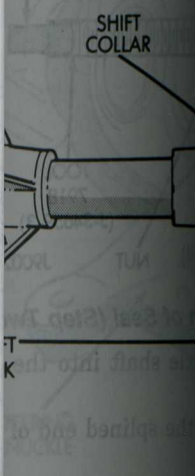


Fig. 11 Shift Motor

1) Remove the E-c...
 and shaft. Remo...
 in the housing (Fig...

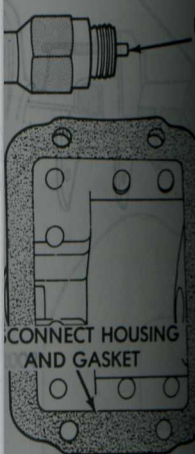


Fig. 12 Vacuum

5) Remove the O-...
 ft.
 3) Clean and inspe...
 ment is excessively...
 placed.

ASSEMBLY/INSTALL

1) Install a new C...
 ft.
 2) Insert the shift...
 housing and shi...
 should be toward the