

Diagnosis and Testing

Inspection and Verification

- 1. Verify the customer concern.
- 2. Visually inspect for obvious signs of mechanical damage.
- 3. Make sure that the gearshift cables are correctly routed and not under any tension from other components.
- 4. If an obvious cause for an observed or reported concern is found, correct the cause (if possible) before proceeding to the next step.
- 5. If the concern is not visually evident, verify the symptom and refer to the Symptom Chart.

Symptom Chart

Symptom	Possible Sources	Action
External controls do not operate freely	* Gearshift cables incorrectly adjusted.	* ADJUST the gearshift cables. REFER to: Gearshift Cable Adjustment (308-06A Manual Transmission External Controls, General Procedures).
	* Gearshift lever damaged.	* GO to Pinpoint Test A .
	* Selector mechanism damaged.	
	* Gearshift cables damaged.	

Pinpoint Tests

PINPOINT TEST A : STIFF GEARSHIFT	
TEST CONDITIONS	DETAILS/RESULTS/ACTIONS
A1: CHECK THE GEARSHIFT LEVER	
	1 Detach the gearshift cables from the gearshift lever.
	Is the gearshift lever difficult to operate?
	Yes Install a new gearshift lever. REFER to: Gearshift Lever (308-06A Manual Transmission External Controls, Removal and Installation).
	No GO to A2 .
A2: CHECK THE GEARSHIFT CABLES	
	1 Attach the gearshift cables to the gearshift lever.
	2 Detach the gearshift cables from the transaxle.
	Is the gearshift lever difficult to operate?
	Yes Install new gearshift cables. REFER to: Gearshift Cables (308-06A Manual Transmission External Controls, Removal and Installation).
	No Install a new selector mechanism. REFER to: Selector Mechanism (308-03A, Removal and Installation).