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Diagnostic System Check - Power Seat Systems

Test Description

The numbers below refer to the step numbers on the diagnostic table.

2. Lack of communication may be due to a partial malfunction of the class 2 serial data circuit or due to a total malfunction of the class 2 serial data circuit. The specified procedure will determine the particular condition.

4. DTCs that may be stored in the Seat Adjuster Memory Module will be retrieved. These DTCs must be addressed prior to proceeding to the symptoms list.

5. The presence of DTCs which begin with "U" indicate some other module is not communicating. The specified procedure will compile all the available information before tests are performed.

Step	Action	Yes	No
1	Install a scan tool. Does the scan tool power up?	Go to Step 2	Go to Scan Tool Does Not Power Up in Data Link Communications
2	1. Turn ON the ignition, with the engine OFF. 2. Attempt to establish communication with the seat adjuster memory module. Does the scan tool communicate with the seat adjuster memory module?	Go to Step 3	Go to Scan Tool Does Not Communicate with Class 2 Device in Data Link Communications
3	**Important:** The engine may start during the following step. Turn OFF the engine as soon as you have observed the Crank power mode. 1. Access the Class 2 Power Mode in the Diagnostic Circuit Check on the scan tool. 2. Rotate the ignition switch through all positions while observing the ignition switch power mode parameter.		

	Does the ignition switch parameter reading match the ignition switch position for all switch positions?	Go to Step 4	Go to Power Mode Mismatch in Body Control System
4	Select the seat adjuster memory module display DTCs function on the scan tool. Does the scan tool display any DTCs?	Go to Step 5	Go to Symptoms - Seats
5	Does the scan tool display any DTCs which begin with a "U"?	Go to Scan Tool Does Not Communicate with Class 2 Device in Data Link Communications	Go to Step 6
6	Does the scan tool display DTC B1424 or B1425?	Go to Diagnostic Trouble Code (DTC) List in Body Control System	Go to Diagnostic Trouble Code (DTC) List