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SUBJECT:

Recalibration Procedures Required After Battery Disconnect

MODELS:

2005 (LX) 300/Magnum

DISCUSSION:

Express Windows and Electronic Stability Program (ESP) Steering Angle Sensor, require recalibration anytime the battery has been disconnected or has lost its charge. The following are the procedures to recalibrate each system:

Window Express Calibration For Vehicles So Equipped (BOTH front window switches labeled AUTO):

1. Turn the Ignition to the Run position.
2. Regardless of current window position, move the driver's window upward until the window stalls in the full up position. Allow the window motor to stall for at least 2 seconds before releasing the switch.
3. Move the driver's window downward until the window stalls in the full down position. Allow the window motor to stall for at least 2 seconds before releasing the switch.
4. Move the driver's window upward until the window stalls in the full up position. Allow the window motor to stall for at least 2 second before releasing the switch.
5. Repeat step 2, 3 and 4 for the passenger's window.
6. Verify the windows learned the calibration by operating the express down and up features on the windows.
7. Repeat this procedure if the calibration failed. If vehicle still fails, check the Driver's Door Module (DDM) and Passenger's Door Module (PDM) for Diagnostic Trouble Codes (DTCs) and correct as required.

ESP Steering Angle Sensor Calibration For Vehicles So Equipped (ESP on/off switch is present in center stack):

1. Start the Engine.
2. Turn the steering wheel right until the wheels locks full right.
3. Turn the steering wheel left until the wheels locks full left.
4. Turn the steering wheel right until the wheels are basically centered.

After recalibrating the above systems:

1. Cycle the ignition switch Off and back On, do not start the engine.

2. Use the StarSCAN to clear any DTCs from all modules. If the ABS DTC C121A is still active then repeat steps 2, 3, and 4 for ESP. If calibration continues to fail, diagnose and repair as necessary.

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