

2022 CHEVROLET CORVETTE SERVICE MANUAL

- SEARCH

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Suspension Control Module Scan Tool Information

The suspension control module scan tool data parameters list contains all suspension control related parameters that are available on the scan tool. The list is arranged in alphabetical order. A given parameter may appear in any one of the data lists.

Suspension Control Module Scan Tool Data Parameters

Parameter	System State	Expected Value	Description
Operating Conditions: Ignition ON			
Battery Voltage	⌘	11~14 V	The scan tool displays V. This is the current battery voltage.
Left Front Damper Actuator Command	⌘	varies	The scan tool displays mA. This is the current applied to the left front shock absorber actuator.
Left Front Suspension Position Sensor	⌘	.25~4.75 V	The scan tool displays V. This is the signal from the left front suspension position sensor.
Right Front Damper Actuator Command	⌘	varies	The scan tool displays mA. This is the current applied to the right front shock absorber actuator.
Right Front Suspension Position Sensor	⌘	.25~4.75 V	The scan tool displays V. This is the signal from the Right front suspension position sensor.
Left Rear Damper Actuator Command	⌘	varies	The scan tool displays mA. This is the current from the left rear shock absorber actuator.
Left Rear Suspension Position Sensor	⌘	.25~4.75 V	The scan tool displays V. This is the signal from the left rear suspension position sensor.
Right Rear Damper Actuator Command	⌘	varies	The scan tool displays mA. This is the current from the right rear shock absorber actuator.
Right Rear Suspension Position Sensor	⌘	.25~4.75 V	The scan tool displays V. This is the signal from the right rear suspension position sensor.
Suspension System Mode	⌘	varies	The scan tool displays Comfort, Sport, Normal, or Hard depending on the selected mode.
Suspension Position Sensor 5 V Reference	V	4.8~5.2 V	The scan tool displays V. This is the suspension position sensor supply voltage.

Suspension Control Module Scan Tool Output Controls

Output Control	Description
Left Front Damper Actuator	Commands the current applied to the left front shock absorber actuator Increase or Decrease.
Left Rear Damper Actuator	Commands the current applied to the left rear shock absorber actuator Increase or Decrease.
Right Front Damper Actuator	Commands the current applied to the right front shock absorber actuator Increase or Decrease.
Right Rear Damper Actuator	Commands the current applied to the right rear shock absorber actuator Increase or Decrease.