

2022 CHEVROLET CORVETTE SERVICE MANUAL

- **SEARCH**

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A11 Radio: Scan Tool Information

A11 Radio: Scan Tool Information

Parameter	System State	Expected Value	Description
Operating Conditions: Ignition ON			
Data Display			
• Infotainment System Status	Run	Run	Indicates the status of the infotainment system.
• Rearview Camera Supply Current	Varies	Varies	Indicates the rearview camera supply current
• Rearview Camera Supply Voltage	10V	10V	Indicates the rearview camera supply voltage..
• Control Module Temperature Sensor 1	Varies	Varies	This displays the temperature reading of the control module temperature sensor 1.
• Control Module Temperature Sensor 2	Varies	Varies	This displays the temperature reading of the control module temperature sensor 2.
• Control Module Operation Mode	Run	Run	This displays the current operational mode of the control module.
• Battery Saver Mode	On/Off	On/Off	Indicates if battery saver mode is active.
Ethernet Bus Data			
• Ethernet Bus Master Clock	Yes/No	Yes/No	Ethernet Bus Master Clock
• Rear Seat Infotainment Module to Radio Ethernet Data Received	Yes/No	Yes/No	Indicates if the radio has received data from the rear seat infotainment module.
• Telematics Control Module to Radio Ethernet Data Ready To Transmit	Yes/No	Yes/No	Indicates if the telematics control module ethernet data is ready to transmit to the radio.
• Ethernet Port 0 Receive Failure Count	Varies	Varies	Displays failures in counts
• Ethernet Port 0 Transmit Failure Count	Varies	Varies	Displays failures in counts
• Ethernet Port 1 Receive Failure Count	Varies	Varies	Displays failures in counts
• Ethernet Port 1 Transmit Failure Count	Varies	Varies	Displays failures in counts
• Ethernet Port 2 Receive Failure Count	Varies	Varies	Displays failures in counts
• Ethernet Port 2 Transmit Failure Count	Varies	Varies	Displays failures in counts
• Ethernet Port 3 Receive Failure Count	Varies	Varies	Displays failures in counts
• Ethernet Port 3 Transmit Failure Count	Varies	Varies	Displays failures in counts
• Ethernet Port 4 Receive Failure Count	Varies	Varies	Displays failures in counts
• Ethernet Port 4 Transmit Failure Count	Varies	Varies	Displays failures in counts
• Ethernet Port 5 Receive Failure Count	Varies	Varies	Displays failures in counts
• Ethernet Port 5 Transmit Failure Count	Varies	Varies	Displays failures in counts

Parameter	System State	Expected Value	Description
• Ethernet Port 6 Receive Failure Count	~	Varies	Displays failures in counts
• Ethernet Port 6 Transmit Failure Count	~	Varies	Displays failures in counts
• Ethernet Port 0 IP Address	~	Varies	Displays ethernet IP address
• Ethernet Port 1 IP Address	~	Varies	Displays ethernet IP address
• Ethernet Port 2 IP Address	~	Varies	Displays ethernet IP address
• Ethernet Port 3 IP Address	~	Varies	Displays ethernet IP address
• Ethernet Port 4 IP Address	~	Varies	Displays ethernet IP address
• Ethernet Port 5 IP Address	~	Varies	Displays ethernet IP address
• Ethernet Port 6 IP Address	~	Varies	Displays ethernet IP address
Configuration Data			
• Manufacturer Enable Counter	~	Varies	Displays in counts
Bluetooth Data			
• Number of Bluetooth Devices Connected	~	Varies 1~10	Indicates the number of Bluetooth paired to the vehicle.
• Bluetooth Device 1: Connection Status	~	Varies	Indicates the device status. (0) Unconnected, (1) Connected / Idle, (2) Call active, (3) 3-way calling active
• Bluetooth Device 1: Friendly Name	~	Varies	The scan tool displays a decimal value between 0 and 255.
• Bluetooth Device 2: Connection Status	~	Varies	Indicates the device status. (0) Unconnected, (1) Connected / Idle, (2) Call active, (3) 3-way calling active
• Bluetooth Device 2: Friendly Name	~	Varies	Displays the bluetooth phone to telematics communication interface control module status.
• Bluetooth Device 3: Connection Status	~	Varies	Indicates the device status. (0) Unconnected, (1) Connected / Idle, (2) Call active, (3) 3-way calling active
• Bluetooth Device 3: Friendly Name	~	Varies	Indicates the name given to the paired device
• Bluetooth Device 4: Connection Status	~	Varies	Indicates the device status. (0) Unconnected, (1) Connected / Idle, (2) Call active, (3) 3-way calling active
• Bluetooth Device 4: Friendly Name	~	Varies	Indicates the name given to the paired device
• Bluetooth Device 5: Connection Status	~	Varies	Indicates the device status. (0) Unconnected, (1) Connected / Idle, (2) Call active, (3) 3-way calling active
• Bluetooth Device 5: Friendly Name	~	Varies	Indicates the name given to the paired device
• Bluetooth Device 6: Connection Status	~	Varies	Indicates the device status. (0) Unconnected, (1) Connected / Idle, (2) Call active, (3) 3-way calling active
• Bluetooth Device 6: Friendly Name	~	Varies	Indicates the name given to the paired device
• Bluetooth Device 7: Connection Status	~	Varies	Indicates the device status. (0) Unconnected, (1) Connected / Idle, (2) Call active, (3) 3-way calling active
• Bluetooth Device 7: Friendly Name	~	Varies	Indicates the name given to the paired device
• Bluetooth Device 8: Connection Status	~	Varies	Indicates the device status. (0) Unconnected, (1) Connected / Idle, (2) Call active, (3) 3-way calling active
• Bluetooth Device 8: Friendly Name	~	Varies	Indicates the name given to the paired device
• Bluetooth Device 9: Connection Status	~	Varies	Indicates the device status. (0) Unconnected, (1) Connected / Idle, (2) Call active, (3) 3-way calling active
• Bluetooth Device 9: Friendly Name	~	Varies	Indicates the name given to the paired device

Parameter	System State	Expected Value	Description
• Bluetooth Device 10: Connection Status	0	Varies	Indicates the device status. (0) Unconnected, (1) Connected / Idle, (2) Call active, (3) 3-way calling active
• Bluetooth Device 10: Friendly Name	0	Varies	Indicates the name given to the paired device
GPS Data			
Longitude at Last GPS Fix	0	Varies	Indicates the longitude coordinates at the last GPS signal received
Latitude at Last GPS Fix	0	Varies	Indicates the latitude coordinates at the last GPS signal received
Audio Data			
Left Rear Audio Output	0	Active/Not Active	Indicates the status of the audio output
Right Front Audio Output	0	Active/Not Active	Indicates the status of the audio output
Left Front Audio Output	0	Active/Not Active	Indicates the status of the audio output
Right Rear Audio Output	0	Active/Not Active	Indicates the status of the audio output
Current AM Frequency	0	Varies	Indicates the current frequency the radio is set to
Current FM Frequency	0	Varies	Indicates the current frequency the radio is set to
Auxiliary Input Data			
Infotainment Control Switch, Switch 1	0	Yes/No	Indicates if the switch is pressed
Infotainment Control Switch, Switch 2	0	Yes/No	Indicates if the switch is pressed
Infotainment Control Switch, Switch 3	0	Yes/No	Indicates if the switch is pressed
Infotainment Control Switch, Switch 4	0	Yes/No	Indicates if the switch is pressed
Infotainment Control Switch, Switch 5	0	Yes/No	Indicates if the switch is pressed
Infotainment Control Switch, Switch 6	0	Yes/No	Indicates if the switch is pressed
Infotainment Control Switch, Switch 7	0	Yes/No	Indicates if the switch is pressed
Infotainment Control Switch, Switch 8	0	Yes/No	Indicates if the switch is pressed
Infotainment Control Switch, Knob 1 Push Switch	0	Yes/No	Indicates if the switch is pressed
Infotainment Control Switch, Knob 1 Rotary Position	0	Varies	Displays the counts when the knob is turned
Infotainment Control Switch, Knob 2 Push Switch	0	Yes/No	Indicates if the switch is pressed
Infotainment Control Switch, Knob 2 Rotary Position	0	Varies	Displays the counts when the knob is turned

A11 Radio: Scan Tool Output Controls

Output Control	Description
Display Check	
Info Display Dimming	Allows control of the info display dimming
Backlight Dimming	Allows control of the backlight dimming
Rearview Camera Display	Allows the rearview camera to be turned on and off
Radio Controls	
Radio Tuner AM Frequency	Allows control of the AM tuner frequency
Radio Tuner FM Frequency	Allows control of the FM tuner frequency