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Document ID# 757269
2003 Chevrolet Chevy Suburban - 4WD

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Scan Tool Data List

Rear Wheel Steering

Scan Tool Parameter	Data List	Units Displayed	Typical Data Value
Operating Conditions : Ignition ON/Engine ON			
2-Wheel Steer Mode Lamp	Output	On/Off	Varies
4-Wheel Steer Mode Lamp	Output	On/Off	Varies
4WS-Tow Mode Lamp	Output	On/Off	Varies
8-Digit GM Part Number	ID Information	Numeric	Varies
Actual Rear Steering Angle	Data Display	Degrees	0° to 12°
Base Model Part Number	ID Information	Numeric	Varies
Battery Voltage	Data Display	Voltage	9.0-16.0 volts
Calibration Part Number	ID Information	Numeric	Varies
Calibration S/W Suffix	ID Information	Numeric	Varies
Digital SWPS Phase A	Data Display	High/Low	Varies
Digital SWPS Phase B	Data Display	High/Low	Varies
Hall Sensor Reference	Data Display	Voltage	12 volts
Ignition 3	Data Display	Voltage	9.0-16 volts
Ignition Cycles Since Last Fault	Data Display	Counts	Counts
Lateral Accelerometer Sensor Signal	Data Display	Voltage	2.5 volts
Marker Pulse	Data Display	High/Low	1
Motor Current	Data Display	Amps	20-50 A Typical 0 to 85A Max
Motor Relay Commanded State	Data Display	ON/OFF	Varies
Motor Relay Feedback State	Data Display	ON/OFF	Varies
Rear Steer Mode Actual	Data Display	2WS, 4WS, 4WS Tow	Varies
Rear Steer Mode Request	Data Display	2WS, 4WS, 4WS Tow	Varies
Rear Steer Position 1	Data Display	Voltage	0.25-4.75 volts

Rear Steer Position 2	Data Display	Voltage	0.25-4.75 volts
Rear Steer Select Switch	Data Display	On/Off	Off
Rear Wheel Centering 1	Data Display	Voltage	2.5 volts
Rear Wheel Centering 2	Data Display	Voltage	2.5 volts
Requested Rear Steering Angle	Data Display	Degrees	0° to 12°
Sensor Supply Voltage	Data Display	Voltage	4.97 volts
Steering Wheel Angle	Data Display	Degrees	-609° to +609°
Steering Wheel Sensor Signal	Data Display	Voltage	0.29 volts to less than 5.00 volts
Vehicle Speed	Data Display	kph (mph)	Varies
Yaw Rate Sensor Input	Data Display	Voltage	2.5 volt at rest

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