

CVD Function List

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1 Function covered

Protocol	System Info.	Read DTC	Clear DTC	Data List	I/M Readiness
SAE J1939	X	X	X	X	X
SAE J1708	X	X	X	X	

2 Brand covered

Brand	Protocol
Allison	SAE J1939, SAE J1708
Bendix	SAE J1939, SAE J1708
Caterpillar	SAE J1939, SAE J1708
Cummins	SAE J1939, SAE J1708
Detroit Diesel	SAE J1939, SAE J1708
Freightliner	SAE J1939, SAE J1708
Fuller	SAE J1939, SAE J1708
Haldex	SAE J1939, SAE J1708
International	SAE J1939, SAE J1708
John Deere	SAE J1939, SAE J1708
Mack	SAE J1939, SAE J1708
Mack 4	SAE J1939, SAE J1708
Mercedes Benz	SAE J1939, SAE J1708
Paccar	SAE J1939, SAE J1708
Pi	SAE J1939, SAE J1708
Psi	SAE J1939, SAE J1708
Takata	SAE J1939, SAE J1708
Volvo	SAE J1939, SAE J1708
Wabco	SAE J1939, SAE J1708
ZFMeritor	SAE J1939, SAE J1708
Kenworth	SAE J1939, SAE J1708
Sterling	SAE J1939, SAE J1708
Peterbilt	SAE J1939, SAE J1708
Western Star	SAE J1939, SAE J1708
Man	SAE J1939, SAE J1708
Scania	SAE J1939, SAE J1708
Renault	SAE J1939, SAE J1708
ERF	SAE J1939, SAE J1708
Foden	SAE J1939, SAE J1708
Seddon-Atkinson	SAE J1939, SAE J1708

Brand	Protocol
Iveco	SAE J1939, SAE J1708
Daf	SAE J1939, SAE J1708
Sisu	SAE J1939, SAE J1708
Stery	SAE J1939, SAE J1708

3 System covered

Protocol	System
SAE J1708	Engine
SAE J1708	Turbocharger
SAE J1708	Transmission
SAE J1708	Power Takeoff
SAE J1708	Axle
SAE J1708	Axle, Trailer
SAE J1708	Axle, Trailer #2
SAE J1708	Axle, Trailer #3
SAE J1708	Brakes
SAE J1708	Brakes, Trailer
SAE J1708	Brakes, Trailer
SAE J1708	Brakes, Trailer #3
SAE J1708	Instrument Cluster
SAE J1708	Trip Recorder
SAE J1708	Engine - Vehicle Mgt System
SAE J1708	Fuel System
SAE J1708	Engine - Cruise Control
SAE J1708	Road Speed Indicator
SAE J1708	Cab Climate Control
SAE J1708	Cargo Refrigeration/Heating, Trailer
SAE J1708	Cargo Refrigeration/Heating, Trailer #2
SAE J1708	Cargo Refrigeration/Heating, Trailer #3
SAE J1708	Suspension
SAE J1708	Suspension, Trailer
SAE J1708	Suspension, Trailer #2
SAE J1708	Suspension, Trailer #3
SAE J1708	Diagnostic System
SAE J1708	Diagnostic System, Trailer
SAE J1708	Diagnostic System, Trailer #2
SAE J1708	Diagnostic System, Trailer #3
SAE J1708	Electrical Charging System
SAE J1708	Proximity Detector, Front
SAE J1708	Proximity Detector, Rear
SAE J1708	Aerodynamic Control Unit
SAE J1708	Vehicle Navigation Unit
SAE J1708	Vehicle Security
SAE J1708	Multiplex
SAE J1708	Communication Unit - Ground
SAE J1708	Tires
SAE J1708	Tires, Trailer
SAE J1708	Tires, Trailer #2

Protocol	System
SAE J1708	Tires, Trailer #3
SAE J1708	Electrical
SAE J1708	Driver Information Center
SAE J1708	Off-board Diagnostics
SAE J1708	Engine Retarder
SAE J1708	Cranking/Starting System
SAE J1708	Engine #2
SAE J1708	Transmission, Additional
SAE J1708	Particulate Trap System
SAE J1708	Vehicle Sensors to Data Converter
SAE J1708	Data Logging Computer
SAE J1708	Off-board Diagnostics #2
SAE J1708	Communication Unit- Satellite
SAE J1708	Off-board Programming Station
SAE J1708	Engine #3
SAE J1708	Engine #4 / Rear Axle Steering Controller
SAE J1708	Engine #5 / Pneumatic System Controller
SAE J1708	Engine #6 / Tires Control Unit
SAE J1708	Vehicle Control Head Unit / Vehicle Management System #2
SAE J1708	Vehicle Logic Control Unit / Vehicle Management System #3
SAE J1708	Vehicle Head Signs
SAE J1708	Refrigerant Management Protection and Diag.
SAE J1708	Vehicle Loc. Unit - Differential Correction
SAE J1708	Front Door (Door #1) Status Unit
SAE J1708	Middle Door (Door #2) Status Unit
SAE J1708	Rear Door (Door #3) Status Unit
SAE J1708	Annunciator Unit
SAE J1708	Fare Collection Unit
SAE J1708	Passenger Counter Unit #1
SAE J1708	Schedule Adherence Unit
SAE J1708	Route Adherence Unit
SAE J1708	Environment Monitor Unit / Auxiliary Cab Climate Control
SAE J1708	Vehicle Status Points Monitor Unit
SAE J1708	High Speed Communications Unit
SAE J1708	Mobile Data Terminal Unit
SAE J1708	Vehicle Proximity, Right Side
SAE J1708	Vehicle Proximity, Left Side
SAE J1708	Base Unit (Radio Gateway to Fixed End)
SAE J1708	Bridge from SAE J1708 Drivetrain Link
SAE J1708	Maintenance Printer
SAE J1708	Vehicle Turntable / Fifth Wheel Hitch Monitoring Device
SAE J1708	Bus Chassis Identification Unit
SAE J1708	Smart Card Terminal
SAE J1708	Mobile Data Terminal
SAE J1708	Vehicle Control Head Touch Screen
SAE J1708	Silent Alarm Unit
SAE J1708	Surveillance Microphone
SAE J1708	Lighting Control Administrator Unit
SAE J1708	Tractor/Trailer Bridge, Tractor Mounted
SAE J1708	Tractor/Trailer Bridge, Trailer Mounted

Protocol	System
SAE J1708	Collision Avoidance Radar
SAE J1708	Tachograph
SAE J1708	Driver Information Center #2
SAE J1708	Driveline Retarder
SAE J1708	Transmission Shift Console Primary
SAE J1708	Parking Heater
SAE J1708	Weighing System, Axle Group #1 / Vehicle
SAE J1708	Weighing System, Axle Group #2
SAE J1708	Weighing System, Axle Group #3
SAE J1708	Weighing System, Axle Group #4
SAE J1708	Weighing System, Axle Group #5
SAE J1708	Weighing System, Axle Group #6
SAE J1708	Communication Unit - Cellular
SAE J1708	Safety Restraint System
SAE J1708	Intersection Preemption Emitter
SAE J1708	Instrument Cluster #2
SAE J1708	Engine Oil Control System
SAE J1708	Entry Assist Control #1
SAE J1708	Entry Assist Control #2
SAE J1708	Idle Adjust System
SAE J1708	Passenger Counter Unit #2
SAE J1708	Passenger Counter Unit #3
SAE J1708	Fuel Tank Monitor
SAE J1708	Axles, Trailer #4
SAE J1708	Axles, Trailer #5
SAE J1708	Diagnostic Systems, Trailer #4
SAE J1708	Diagnostic Systems, Trailer #5
SAE J1708	Brakes, Trailer #4
SAE J1708	Brakes, Trailer #5
SAE J1708	Forward Road Image Processor
SAE J1708	Body Controller
SAE J1708	Steering Column Unit
SAE J1708	Tires, Trailer #4
SAE J1708	Tires, Trailer #5
SAE J1708	Brake Stroke Alert Monitor, Tractor
SAE J1708	Safety Restraint System #2
SAE J1939	Engine
SAE J1939	Engine #2
SAE J1939	Turbocharger
SAE J1939	Transmission
SAE J1939	Transmission #2
SAE J1939	Shift Console - Primary
SAE J1939	Shift Console - Secondary
SAE J1939	Power Takeoff - (Main or Rear)
SAE J1939	Axle - Steering
SAE J1939	Axle - Drive #1
SAE J1939	Axle - Drive #2
SAE J1939	Brakes
SAE J1939	Brakes - Steer Axle
SAE J1939	Brakes - Drive Axle #1

Protocol	System
SAE J1939	Brakes - Drive Axle #2
SAE J1939	Retarder - Engine
SAE J1939	Retarder - Driveline
SAE J1939	Cruise Control
SAE J1939	Fuel System
SAE J1939	Steering Controller
SAE J1939	Suspension - Steer Axle
SAE J1939	Suspension - Drive Axle #1
SAE J1939	Suspension - Drive Axle #2
SAE J1939	Instrument Cluster
SAE J1939	Trip Recorder
SAE J1939	Passenger/Operating Climate Control
SAE J1939	Alternator/Electrical Charging System
SAE J1939	Aerodynamic Control
SAE J1939	Vehicle Navigation
SAE J1939	Vehicle Security
SAE J1939	Electrical System
SAE J1939	Starter System
SAE J1939	Tractor-Trailer Bridge #1
SAE J1939	Body Controller
SAE J1939	Auxiliary Valve Control
SAE J1939	Hitch Control
SAE J1939	Power Takeoff (Front or Secondary)
SAE J1939	Off Vehicle Gateway
SAE J1939	Virtual Terminal (in cab)
SAE J1939	Management Computer
SAE J1939	Cab Display
SAE J1939	Retarder, Exhaust, Engine #1
SAE J1939	Headway Controller
SAE J1939	On-Board Diagnostic Unit
SAE J1939	Retarder, Exhaust, Engine #2
SAE J1939	Endurance Braking System
SAE J1939	Hydraulic Pump Controller
SAE J1939	Suspension - System Controller
SAE J1939	Pneumatic - System Controller
SAE J1939	Cab Controller - Primary
SAE J1939	Cab Controller - Secondary
SAE J1939	Tire Pressure Controller
SAE J1939	Ignition Control Module
SAE J1939	Ignition Control Module #2
SAE J1939	Seat Controls
SAE J1939	Lighting - Operator Controls
SAE J1939	Rear Axle Steering Controller
SAE J1939	Water Pump Controller
SAE J1939	Passenger-Operator Climate Control #2
SAE J1939	Transmission Display - Primary
SAE J1939	Transmission Display - Secondary
SAE J1939	Exhaust Emission Controller
SAE J1939	Vehicle Dynamic Stability Controller
SAE J1939	Oil Sensor

Protocol	System
SAE J1939	Suspension - Stability Controller #2
SAE J1939	Information System Controller
SAE J1939	Ramp Control
SAE J1939	Clutch/Converter Unit
SAE J1939	Auxiliary Heater
SAE J1939	Auxiliary Heater #2
SAE J1939	Engine Valve Controller
SAE J1939	Chassis Controller
SAE J1939	Chassis Controller #2
SAE J1939	Propulsion Battery Charger
SAE J1939	Communications Unit, Cellular
SAE J1939	Communications Unit, Satellite
SAE J1939	Communications Unit, Radio
SAE J1939	Steering Column Unit
SAE J1939	Fan Drive Controller
SAE J1939	Seat Control #2
SAE J1939	Parking Brake Controller
SAE J1939	Aftertreatment #1 System Gas Intake
SAE J1939	Aftertreatment #1 System Gas Outlet
SAE J1939	Safety Restraint System
SAE J1939	Cab Display #2
SAE J1939	DPF Controller
SAE J1939	Aftertreatment #2 System Gas Intake
SAE J1939	Aftertreatment #2 System Gas Outlet
SAE J1939	Safety Restraint System #2
SAE J1939	Atmospheric Sensor
SAE J1939	Powertrain Control Module
SAE J1939	Power System Manager