

Vantage View® Implementation of SAE J1939 Parameters

| Parameter Name | SPN | PGN | Range | LCD Display Name |
|---|------|-------|---------------------|------------------|
| Accelerator Pedal Position 1 | 91 | 61443 | 0-100% | Accel Pedal % |
| Engine Air Inlet Pressure | 106 | 65270 | 0-72 PSI | Air Inlet Prs |
| Alternator Current | 115 | 65271 | 0-250 Amps | Alt Current |
| Charging System Potential | 167 | 65271 | 0-50 Volts | Alternator |
| Altitude | 580 | 65256 | -1000 - 18,000 Feet | Altitude |
| Amber Warning Lamp | 624 | N/A | 0-1 (Off-On) | Amb Warn Lmp |
| Engine Average Fuel Economy | 185 | 65266 | 0-200 MPG | Avg Fuel Econ |
| Barometric Pressure | 108 | 65269 | 0-16 PSI | Barometric Prs |
| Net Battery Current | 114 | 65271 | -125 - 125 Amps | Battery Curr |
| Battery Potential/Power Input 1 | 168 | 65271 | 0-50 Volts | Battery Volt |
| Engine Intake Manifold #1 Pressure | 102 | 65270 | 0-72 PSI | Boost Press |
| Brake Application Pressure | 116 | 65274 | 0-140 PSI | Brake Appl Pr |
| Brake Primary Pressure | 117 | 65274 | 0-140 PSI | Brake Prim Pr |
| Brake Secondary Pressure | 118 | 65274 | 0-140 PSI | Brake Sec Prs |
| Aftertreatment 1 SCR Catalyst Reagent Concentration | 3516 | 64923 | 0-100% | Cat Regnt Con |
| Aftertreatment 1 SCR Catalyst Reagent Type | 3521 | 64923 | 0-14 | Cat Regnt Typ |
| Aftertreatment 1 SCR Catalyst Tank Level | 1761 | 65110 | 0-100% | Cat Tank Lvl |
| Aftertreatment 1 SCR Catalyst Tank Level 2 | 3517 | 65110 | 0-100% | Cat Tank Lvl2 |
| Aftertreatment 1 SCR Catalyst Tank Temperature | 3031 | 65110 | -40 - 400 °F | Cat Tank Temp |
| Aftertreatment 1 SCR Catalyst Reagent Temperature 2 | 3515 | 64923 | -40 - 400 °F | Cat Tank Tmp2 |
| Engine Crankcase Pressure | 101 | 65263 | -36 - 37 PSI | Cnkcase Press |
| Compass Bearing | 165 | 65256 | 0-360° | Compass Bear |
| Engine Coolant Level | 111 | 65263 | 0-100% | Coolant Level |
| Engine Coolant Pressure | 109 | 65263 | 0-72 PSI | Coolant Press |
| Engine Coolant Temperature | 110 | 65262 | 0-400 °F | Coolant Temp |
| Cruise Control Active | 595 | 65265 | 0-1 (Off-On) | Cruise Set |
| Transmission Current Gear | 523 | 61445 | -6 - 30 Position | Current Gear |
| Drive Axle Temperature | 578 | 65273 | 0-400 °F | Dr Axle Temp |
| Engine Oil Level | 98 | 65263 | 0-100% | Eng Oil Level |
| Engine Oil Pressure | 100 | 65263 | 0-140 PSI | Eng Oil Press |
| Engine Oil Temperature 1 | 175 | 65262 | 0-500 °F | Eng Oil Temp |
| Engine Total Hours of Operation | 247 | 65253 | 0-999999 Hours | Engine Hours |
| Engine Speed | 190 | 61444 | 0-10,000 RPM | Engine Speed |
| Engine Exhaust Gas Temperature | 173 | 65270 | 0-3000 °F | Exh Gas Temp |

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| Fire Apparatus Pump Engagement | 2599 | 61448 | 0-1 (Off-On) | Fire App Pump |
| Engine Instantaneous Fuel Economy | 184 | 65266 | 0-200 MPG | Fuel Economy |
| Fuel Level 1 | 96 | 65276 | 0-100% | Fuel Level 1 |
| Fuel Level 2 | 38 | 65276 | 0-100% | Fuel Level 2 |
| Engine Fuel Delivery Pressure | 94 | 65263 | 0-140 PSI | Fuel Pressure |
| Engine Injector Metering Rail 1 Pressure | 157 | 65243 | 0-32767 PSI | Fuel Rail 1 Pr |
| Engine Fuel Rate | 183 | 65266 | 0-40 GPH | Fuel Rate |
| Engine Fuel Temperature 1 | 174 | 65262 | 0-400 °F | Fuel Temp |
| High Resolution Total Vehicle Distance | 917 | 65217 | 0-999999 Miles | HR Vehicle D |
| Hydraulic Retarder Oil Temperature | 120 | 65275 | 0-400 °F | Hyd Rt Oil Tm |
| Hydraulic Retarder Pressure | 119 | 65275 | 0-500 PSI | Hyd Rt Press |
| Hydraulic Oil Level | 2602 | 65128 | 0-100 PSI | Hydr Oil Lvl |
| Hydraulic Temperature | 1638 | 65128 | 0-400 °F | Hydraulic Temp |
| Cab Interior Temperature | 170 | 65269 | -100 - 150 °F | Inside Air Tm |
| Engine Intercooler Temperature | 52 | 65262 | 0-400 °F | Intrcoolr Tmp |
| Latitude | 584 | 65267 | -180 - 180° | Latitude |
| Longitude | 585 | 65267 | -180 - 180° | Longitude |
| Engine Intake Manifold 1 Temperature | 105 | 65270 | 0-400 °F | Manifold Temp |
| MIL Lamp | 1213 | N/A | 0-1 (Off-On) | MIL Lamp |
| Navigation-Based Vehicle Speed | 517 | 65256 | 0-200 MPH | NAV Speed |
| Ambient Air Temperature | 171 | 65269 | -100 - 200 °F | Outside Air Tm |
| Parking Brake Actuator | 619 | 65274 | 0-1 (Off-On) | Park Brake Ac |
| Parking Brake Switch | 70 | 65265 | 0-1 (Off-On) | Parking Brake |
| Engine Percent Load At Current Speed | 92 | 61443 | 0-120% | Percent Load |
| Port Trim Tab | N/A (NMEA 2000 Marine) | | 0-100% | Port Tab |
| Protect Lamp | 987 | N/A | 0-1 (Off-On) | Protect Lamp |
| Power Takeoff Oil Temperature | 90 | 65264 | 0-400 °F | PTO Oil Temp |
| Power Takeoff Speed | 186 | 65264 | 0-8000 RPM | PTO Speed |
| Red Stop Lamp | 623 | N/A | 0-1 (Off-On) | Red Stop Lmp |
| Road Surface Temperature | 79 | 65269 | -100 - 500 °F | Road Temp |
| Sea Water Pump Outlet Pressure | 2435 | 65172 | 0-72 PSI | Sea Water Prs |
| Wheel-Based Vehicle Speed | 84 | 65265 | 0-200 MPH | Speed |
| Starboard Trim Tab | N/A (NMEA 2000 Marine) | | 0-100% | Starboard Tab |
| Steering Axle Temperature | 75 | 65273 | 0-400 °F | Steer Axle T |
| Engine Throttle Position | 51 | 65266 | 0-100% | Throttle |
| Tire Location | 929 | 65268 | 0-255 | Tire Location |

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| Tire Pressure | 241 | 65268 | 0-140 PSI | Tire Press |
| Tire Temperature | 242 | 65268 | -100 - 250 °F | Tire Temp |
| Transmission Oil Level | 124 | 65272 | 0-100% | Trans Oil Lvl |
| Transmission Oil Pressure | 127 | 65272 | 0-500 PSI | Trans Oil Prs |
| Transmission Oil Temperature | 177 | 65272 | 0-500 °F | Trans Oil Tmp |
| Trip Average Fuel Rate | 1029 | 65203 | 0-800 GPH | Trip Avg Fuel |
| Trip Drive Fuel Economy | 1006 | 65209 | 0-200 MPG | Trip Fuel Eco |
| Engine Turbocharger 1 Speed | 103 | 65245 | 0-250,000 RPM | Turbo 1 Speed |
| Engine Turbocharger Oil Temperature | 176 | 65262 | 0-500 °F | Turbo Oil Tmp |
| Engine Turbocharger Lube Oil Pressure 1 | 104 | 65245 | 0-140 PSI | Turbo Oil |
| Total Vehicle Distance | 245 | 65248 | 0-999999 Miles | Vehicle Dist |
| Total Vehicle Hours | 246 | 65255 | 0-999999 Hours | Vehicle Hours |
| Engine Wait to Start Lamp | 1081 | 65252 | 0-1 (Off-On) | Wait/Strt Lmp |
| Washer Fluid Level | 80 | 65276 | 0-100% | Washer Level |
| Water In Fuel Indicator | 97 | 65279 | 0-1 (Off-On) | Water in Fuel |