

J1939 DIRECT CONNECT SERIAL GAUGES



FEATURES & BENEFITS

- Gauges directly wire to the J1939 CAN bus without another device to drive them.
- Fully sunlight readable LCD on tachometer displays all available data and alarms.
- Gauges are sealed to IP67 immersion standards and include anti-fog coating on the inside of the lens to minimize fogging.
- SAE J1939 compliant.
- CAN bus connectivity – Plug and play connectors.
- LED back-lighting evenly directs light behind the dial and pointer for excellent night visibility.
- 2" gauges are driven by a smooth stepper motor operation for 270° sweep pointer while the 3" gauges utilize the Veethree air core movement.

PARAMETERS SUPPORTED

Engine Temperature
Air Temperature
Exhaust Temperature
Oil Temperature
Water Temperature
Oil Pressure
Water Pressure
Transmission Oil Temp
Transmission Oil Pressure

Coolant Pressure
Oil Temperature
Battery Voltage
Boost Pressure
Oil Level
Tank Level
Engine RPM
Engine Load
Auxiliary Temp

DPF Level
DPF Ash Load
DPF Soot Level
Coolant Level
Coolant Pressure
Manifold Pressure

Alarms:
Water in fuel
Low Engine Oil Pressure
Low Fuel Level
High Engine Temp
Low System Voltage
High System Voltage
DPF Level Alarms
DEF Level Alarms

ORDERING INFORMATION

Part Number	Description	Dial Range	Size Reference
781590SDFB	Tachometer	0-3000 RPM	2"
781582SDFB	Voltmeter	10-16V DC	2"
781583SDFB	Voltmeter	20-32V DC	2"
781584SDFB	Fuel Primary	E-F	2"
781595SDFB	Fuel Secondary	E-F	2"
781586SDFB	Oil Pressure	0-125 PSI	2"
781587SDFB	Turbo Boost	0-60 PSI	2"
781588SDFB	Transmission Oil Temperature	100-320°F	2"
781585SDFB	Temperature	100-240°F	2"
781591SDFB	Hydraulic Oil Temperature	100-320°F	2"
781592SDFB	Hydraulic Oil Pressure	0-125 PSI	2"
781593SDFB	Auxiliary Temperature 1	50-200°F	2"
781594SDFB	Auxiliary Temperature 2	50-200°F	2"

TECHNICAL SPECIFICATIONS

- UV Protected Polymers.
- DC Voltage Supply: 8-16V DC.
- DC Protection: Reverse Polarity, Thermal Overload and Short Circuit.
- Storage Temperature: -20 to +70C
- Operating Temperature: -40 to + 85C

DIMENSIONS

