

J1939 Data Readers

JDR 050 & 100, INCLUDING, TIER IV DPF CAPABILITY

GAC's low-cost JDR series of J1939 data readers allow users to monitor trouble codes and standard engine parameters. More advanced models enable the operator to switch between automatic and manual particulate regeneration. Harsh applications are no match for JDR's rugged design. With installation and setup a breeze, users will be monitoring engine vital signs and configuring parameters in no-time.



FEATURES

- Wide Temperature Range
- Built in CAN bus Termination Resistor
- Self Contained, No Configuration Software Required
- IP67 Sealed Case, Non-Fogging Display, Weatherproof
- Customizable Overlay with OEM Logos
- Fits in 2" (51mm) Round Standard Panel Opening
- J1939 DTC Text Translation
- JDR100's Display RPM, Oil Pressure, Coolant Temperature, Fuel Level, Battery Voltage, and Engine Hours
- Tier IV Diesel Particulate Filter Support (IV Models Only)

ACCESSORIES



CH417-4572

CH418-4572

EC1331

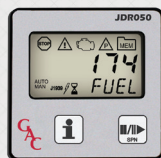
JDR 15' Cable Harness with Mating Connector and Built-In CANbus Termination Jumper

JDR 15' Cable Harness with Mating Connector - Without Termination

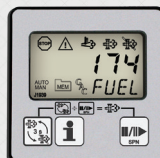
Deutsch DT06-6S Mating Connector for JDR, pins and plugs. Must crimp and assemble Connector.



Supported Models:



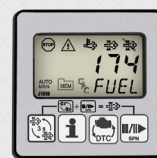
JDR050



JDR050 IV



JDR100



JDR100 IV

J1939 DTCs	☒	☒	☒	☒
6 Live Engine Parameters			☒	
7 Live Engine Parameters				☒
Tier IV DPF Capability		☒		☒

SPECIFICATIONS

Power Input

Operating Voltage	8 - 32 VDC
Current Draw	.25 Amp @ 12V

CAN bus

J1939 SAE Compliant	(V1 when CM = 1, V4 when CM = 0)
	120 Ω CAN bus termination resistor included

Environmental

Ambient Operating Temperature Range	-40 °C to +85 °C
Relative Humidity	up to 100%
Vibration	10.0Gs @ 200 - 2000Hz
Shock	20G Peak
IP67 Front	Resist Direct Spray
IP69K Rear (w.Deutsch connector)	Sealed (No Fogging)

Physical

Overall Dimensions	2.75" x 2.75" x 2.127" (70mm x 70mm x 54mm)
Front to Back	2.75" x 2.75" x 0.7" (70mm x 70mm x 18mm)
Panel Opening	2" Round (51mm)

OPTIONS

ECA Series Analog to CAN Adaptor



GAC's ECA Series of Analog to CAN Adapters allow for the simple integration of mechanically controlled engines into current CAN systems, converting analog inputs into J1939 CAN bus information. With this highly-affordable easy-to-use product, virtually any of your engine's vital signs can be monitored. The ECA050 and ECA100 adapters can also be retrofitted to older engines, allowing better monitoring and extending their useful life.

	MAG SPEED	+5VDC OUTPUT	4 RESISTIVE INPUTS	GROUND SENSE	VOLTAGE INPUT
ECA050			☒	☒	
ECA100	☒	☒	☒	☒	☒

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