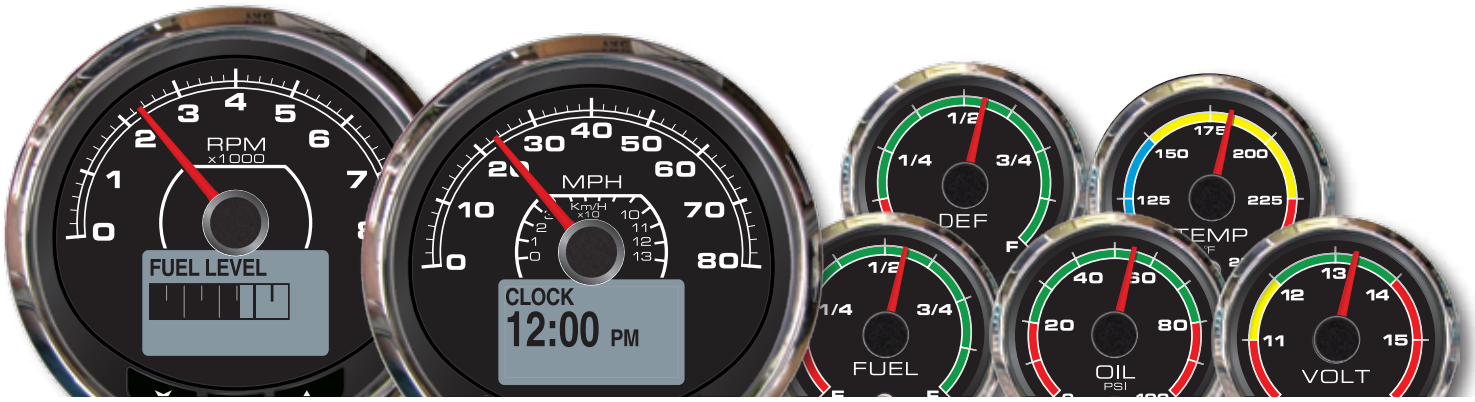
Faria®

ENGINEERED *Excellence*™



SAE® J1939 Instrumentation

ENGINEERED *Excellence*™

MG3000

A user friendly digital engine monitoring solution.

Tier 4 Compatible

SAE J1939
SAE J1708

Features

- Utilizes both analog and digital inputs to reduce system cost
- GPS enabled to display GPS Speed, COG, Heading, and Clock
- Lighted buttons for ease of use with tactile feedback.
- Stepper motor driven pointers (for accuracy and durability)
- User definable screens and alarms
- Custom cosmetic options upon request
- Deutsch and Packard connectors - *Plug and Play*

This system offers easy installation and waterproof connectors from engine ECU to instruments.

- Fog Resistant Lens
- LED lighting and RGB LEDs for multi-color light options

Yellow	Cyan	Goldenrod
Gr.Yellow	Blue	Tan
Green	Purple	White
Dk Sea Green	Pink	Red

White, Yellow, Green Yellow, Green, Dark Sea Green, Cyan, Blue, Purple, Pink, Goldenrod or Tan

- Easily converts from US standard measurements to Metric
- Up to 5 Languages available
- Engine Diagnostic Error codes stored in dedicated screen
- Analog inputs for DEF, Air Temperature, Water Pressure, Fuel Level and other liquid tank levels.
- LCD flashes Red for engine critical Alarms, Yellow for cautionary Alarms
- Multiple 5"/4"/2" instrument and dash set options in Faria Standard series
- All standard J1939 engine data PGNs supported, proprietary PGN data supported on request.
- Remote button options

  Connect the MG3000 to a remote input device for control of the screens and data viewing.

Benefits

- Speedometer or Tachometer instruments.
- LCD data are available in 5 languages.
- Trip A/B Data.
- Pop-Up screens for quick information display and warnings.
- Alarm codes with suggested actions.
- Data log for fault codes.
- A single MG3000 can monitor up to 5 fuel tanks.
- Calibrate Fuel Level and Speed in gauge.
- Initialization mode to assist in gauge set-up.
- Superior Sunlight readable display.

Available in 4 and 5 inch
With or with out buttons.

Multiple Discrete
Gauges Available

Faria offers a complete line of J1939 standard and Stand Alone monitoring solutions for your Tier 4 engine.

With some of the most sophisticated vehicle information and instrumentation systems in the industry, Faria Corporation has the right products to meet future global needs for rugged, reliable and innovative instrumentation with Engineered *Excellence*™.

- J1939 CAN Bus Instruments
- ***Stand Alone technology*** - Each instrument receives information directly from the J1939 Bus
- Can be connected in standard J1939 harness configurations
- Available in a wide variety of styles.

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- Stand alone technology - Each instrument receives information directly from the J1939 Bus
- Available in a wide variety of styles
- Designed and manufactured to MIL-STD-1275, MIL-STD-465, MIL-STD-464, MIL-STD-810 and SAE J113-13 specifications
- Multiple Analog and Digital Inputs to reduce system costs
- Manufactured in Uncasville, CT USA
- Wide variety of instruments including 3-1 and 4-1 multi-function gauges, 4-inch and 5-inch Speedometers and Tachometers and a complete suite of 2-inch discreet instruments i.e, Fuel Level, Temperature, Volts and Oil Level

Also Available

Snap-In Gauges

A simple push of the fingers installs your gauge securely. No nuts, bolts or bruises required.

Available in all Faria standard styles or style your own.

2-inch gauges available now

- Ammeter
- Voltmeter
- Water Temperature
- Oil Temperature
- Oil Pressure
- Fuel Level
- Fuel Pressure
- Hour meter

4-inch Tachometers and Speedometers Multi-Function Gauges and more coming soon.

Multi-function Snap-In Gauges

Discreet gauges with an easy to read Tachometer/Hour meter LCD, simplifies your dash.

Available as:
Voltmeter
Temperature
Oil Pressure
Fuel Level gauge

Programmable 4000 RPM Tachometer with Hourmeter

This tachometer can be programmed to function with 1, 2, 3, 4, 6 and 8 cylinder gasoline engines or with diesel engines, and can be used with most ignition coils including Alternator and Mag pickup inputs.

The analog looking dial and pointer sweep is driven by a digital stepper motor providing greater accuracy and dependability than magnetically wound gauges. You get the advantages of digital instrumentation with the look and feel of the analog gauges.

NEW in 2013

MACH-4

New Digital 4.3 inch instrument from Faria.

SAE J1939

- Touch screen
- Day light readable display

Made in the USA
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