

Ford EPM

Engine Performance Module



Engines

TSG-416
LRG-425
ESG-642

Options

Fuel Configuration

- Gasoline, NG, LPG
- CAN Bus Capable J1939

Inclusive Components

Power Distribution Box

- New packaged electrical component protection

EPM Configuration

- EPM housed in thinner, watertight case, allowing mounting in almost any configuration
- Harness connectors on the face of the EPM, versus the side

Emissions Information

Ford Engine Performance Module is used with emissions-certified engines from Ford Power Products and is certified up to 4000 RPM

Warranty

5 years/3,500 hours, whichever occurs first, on EPM



Power Ratings

Gasoline

TSG-416

Rated Intermittent Power63 HP (47 kW) @ 3600 RPM
Rated Intermittent Torque93 Ft. Lbs. (126 Nm) @ 3200 RPM

LRG-425

Rated Intermittent Power97 HP (72 kW) @ 3600 RPM
Rated Intermittent Torque149 Ft. Lbs. (202 Nm) @ 2700 RPM

ESG-642

Rated Intermittent Power146 HP (109 kW) @ 3600 RPM
Rated Intermittent Torque240 Ft. Lbs. (325 Nm) @ 2600 RPM

Natural Gas

TSG-416

Rated Intermittent Power52 HP (39 kW) @ 3600 RPM
Rated Intermittent Torque78 Ft. Lbs. (106 Nm) @ 3200 RPM

LRG-425

Rated Intermittent Power82 HP (61 kW) @ 3600 RPM
Rated Intermittent Torque127 Ft. Lbs. (172 Nm) @ 1800 RPM

ESG-642

Rated Intermittent Power120 HP (89 kW) @ 3600 RPM
Rated Intermittent Torque214 Ft. Lbs. (290 Nm) @ 2200 RPM

Liquefied Petroleum Gas

TSG-416

Rated Intermittent Power57 HP (43 kW) @ 3600 RPM
Rated Intermittent Torque86 Ft. Lbs. (117 Nm) @ 2800 RPM

LRG-425

Rated Intermittent Power89 HP (66 kW) @ 3600 RPM
Rated Intermittent Torque134 Ft. Lbs. (182 Nm) @ 2200 RPM

ESG-642

Rated Intermittent Power131 HP (98 kW) @ 3600 RPM
Rated Intermittent Torque238 Ft. Lbs. (322 Nm) @ 2200 RPM

Standard Features / Benefits

Ford Automotive Level Reliability for many years of reliable FPP-engineered performance

Speed Select Delay disables speed select function during cranking mode until programmable time delay expires, which improves all cold and warm weather starts

Improved Cold Start Capabilities for reliable cold weather starts at -20° F (-6.6° C)

Dry Fuel Runout allows smoother fuel transition, which eliminates engine backfire when switching fuels

Dry Fuel Lockout Controlled by EPM produces a reliable transition

EPM Capable of Driving All Automotive Level Torque Motor-Type Throttle Actuators allows greater customer component usage and versatility

Calibration Options operate a wider equipment application range

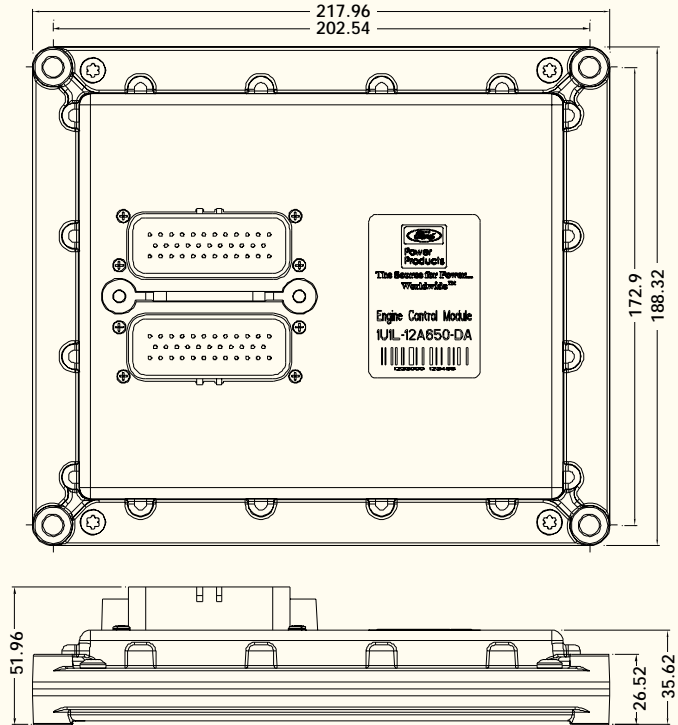
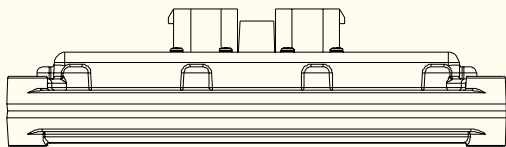
Improved RPM Control increases engine control and smooth engine operation while under load

Configurable Inputs Available based on customer requirements

Configurable Outputs Available based on ECT, RPM or MAP signals and customer requirements

Enhanced Diagnostic Software allows viewing of historical faults with on-demand diagnostics to assist technicians and reduce equipment downtime

EPM Communications allow technician to perform remote communications via computer modem to EPM



Measurements	mm
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Specifications are subject to change without notice.
Some Ford engines are produced for Ford by other companies.



www.fordpowerproducts.com

Contact Ford Power Products or your local FPP distributor for additional information.

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