

EnginLink™ Data Dictionary

Data Field Names and Descriptions

Grouping: Engine Manufacturer Headquarters

Display Value	Description*
Engine Manufacturer City	Engine manufacturer headquarters location – city.
Engine Manufacturer Country	Engine manufacturer headquarters location – country.
Engine Manufacturer Fax	Fax number for engine manufacturer headquarters location.
Engine Manufacturer Phone	Phone number for engine manufacturer headquarters location.
Engine Manufacturer Postal Code	Postal code for engine manufacturer headquarters location.
Engine Manufacturer Region	Engine manufacturer headquarters location – region.
Engine Manufacturer State	Engine manufacturer headquarters location – state.
Engine Manufacturer Street	Engine manufacturer headquarters location - street address.

Grouping: Engine Manufacturer Details

Display Value	Description*
Engine Manufacturer Affiliation Note	Partnerships, license agreements, private label agreements.
Engine Manufacturer Diesel Note	Notes on diesel engine program.
Engine Manufacturer Division	Additional descriptor or location for engine manufacturing operations.
Engine Manufacturer Employees	Estimated number of employees for engine manufacturer.
Engine Manufacturer Name	Manufacturer of engine.
Engine Manufacturer Facility Note	Notes on engine production facilities.
Engine Manufacturer Notes	Miscellaneous engine manufacturer notes.
Engine Manufacturer Other Engine Note	General notes on engine program.
Engine Manufacturer Parent (majority)	Name of company with majority ownership of engine manufacturer.
Engine Manufacturer Percent Ownership	Parent company ownership portion of engine manufacturer (%).
Engine Manufacturer Sales	Sales revenue benchmark of engine manufacturer (normally denoted with year).
Engine Manufacturer Spark Ignition Note	Notes on spark ignited engine program.

Grouping: Engine Model Classification

Display Value	Description*
Segment	Intended market segment for engine model use.

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Grouping: Engine Model Details

Display Value	Description*
Engine Captive Percentage	% of production for engine manufacturer's captive applications.
Engine Licensor Name	The organization granting manufacturing rights to the engine manufacturer.
Engine Manufacturer Model	Engine model designation given by manufacturer.
Engine Manufacturer Model Build Country	Country of engine manufacture.
Engine Manufacturer Model Build Region	Region of engine manufacture.
Engine Manufacturer Model Series	Common 'family' designation of engine.
Engine Manufacturer Model SOP	Engine model 'Start of Production' year.
Engine Manufacturer Model EOP	Engine model 'End of Production' year.
Engine PSR Model	Model designation that includes specification reference codes.

Grouping: Engine Model Specifications

Display Value	Description*
Engine Aspiration	Turbocharged or Supercharged or Naturally Aspirated.
Engine Bore (mm)	Engine cylinder bore measured in millimeters.
Engine Compression Ratio	The ratio of the volume between the piston and cylinder head before and after a compression stroke.
Engine Cooling	Cooling medium associated with each engine (Air or Water or Oil).
Engine Crankshaft Plane	Orientation of the engine crankshaft (Vertical or Horizontal plane).
Engine Cycle	Number of piston strokes in the engine combustion cycle.
Engine Cylinder Configuration	Engine cylinder arrangement.
Engine Cylinder Liners	Indicates type of cylinder liners (None or Wet or Dry).
Engine Cylinders	Number of combustion cylinders per engine.
Engine Displacement (liters)	Metric displacement (liters) of the engine cylinders.
Engine Fuel	Specific fuel used.
Engine Fuel System	Fuel delivery method (direct injection, carbureted, pressurized, etc.).
Engine Height (mm)	Maximum engine height in millimeters - does not include readily demountable equipment.
Engine Intercooling	Descriptive treatment of the charge air (Water-Air or Air-Air Cooling or None).
Engine Length (mm)	The maximum axial length dimension in millimeters through the axis of the crankshaft (fan to flywheel).
Engine Power HP (continuous)	Engine Continuous HP rating Per SAE DIN6270-A (diesel).
Engine Power HP (intermittent)	The intermittent horsepower rating per SAE J245 (gasoline) and DIN6270- B (diesel); also defined as the one-hour rating.
Engine Power HP RPM (intermittent)	Engine crankshaft speed at which Intermittent HP/kW rating is measured.
Engine Power kW (intermittent)	Metric conversion of Intermittent HP Rating.
Engine Stroke (mm)	Engine cylinder piston measured in millimeters.
Engine Torque (lb-ft)	Maximum rated engine torque per SAE J245 (gasoline) and SAE J270 (diesel) measured in foot pound-force.
Engine Torque (N-m)	Maximum rated engine torque per SAE J245 (gasoline) and SAE J270 (diesel) measured in Newton-meters.

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Grouping: Engine Model Specs (continued)

Display Value	Description*
Engine Torque RPM	Engine speed at which maximum torque is measured.
Engine Type	Designates basic design / ignition process: Diesel / Compression ignition or Gasoline / Spark ignition.
Engine Valves Per Cylinder	Total number of intake and exhaust valves per cylinder.
Engine Valvetrain	Designates the basic design of the engine intake and exhaust valve system.
Engine Variable Valve Technology	Variable Valve Timing (true or false).
Engine Weight (kg)	Engine model dry shipping weight in kilograms.
Engine Width (mm)	The maximum horizontal dimension (width) in millimeters perpendicular to the engine crankshaft.

Grouping: Emissions Data

Display Value	Description*
Engine Emissions Compliance	Certification Level
Engine Emissions Device	Solutions Strategy

Grouping: Optional Modules

Turbo Module (Option)

Display Value	Description*
Turbo Supplier	Manufacturer of the Turbo
Turbo Supplier Group	Turbo Supplier parent
Turbo Geometry	Fixed or VGT
Turbo Layout	Simple or 2-Stage
Turbo Quantity	Number of Turbo per Engine

FIE Module (Option)

Display Value	Description*
FIE Equipment Type	Common Rail, Direct Gasoline Injection, Electronic Unit Injector, Hydraulic Unit Injector, Inline, Mechanical Unit Injector, Rotary, Unit Pump
FIE Nozzle Manufacturer	Manufacturer of the FIE Nozzle
FIE Nozzle Country	Country where the FIE Nozzle is Manufactured
FIE Nozzles per Engine	Number of FIE Nozzles per Engine
FIE Pump Manufacturer	Manufacturer of the FIE Pump
FIE Pump Model	Model of the FIE Pump
FIE Pump Country	Country where the FIE Pump is Manufactured
FIE Pumps per Engine	Number of FIE Pumps per Engine

* More detailed information on relevant data items may be found in the Engine Specifications Guide.