

PartsLink™ Data Dictionary

July 31, 2017

Data Field Names and Descriptions

Grouping: OEM Details

Display Value	Description*
OEM Name	Based on OEM plant location.
OEM Notes	Miscellaneous notes.
OEM Parent Name (majority)	Name of company with majority of ownership of OEM.
OEM Percent Ownership	Parent company ownership portion of OEM in %.

Grouping: OEM Model Classification

Display Value	Description*
Application	See Segment - Application - Product listing for values.
Metric Weight Class	Metric equivalent of standard vehicle class (3 though 8).
Product	See Segment - Application - Product listing for values.
Segment	See Segment - Application - Product listing for values.

Grouping: OEM Model Details

Display Value	Description*
OEM Captive Engine Supply	Engine Supplier and OEM have same ownership.
OEM Model	Vehicle/Equipment model designation given by OEM.
OEM Model Brand	Badge name under which vehicle/equipment is sold.
OEM Model Comments	Miscellaneous notes.
OEM Model Drive Type	Source of power for the vehicle
OEM Model EOP	OEM model 'End of Production' year.
OEM Model SOP	OEM model 'Start of Production' year.

Grouping: OEM Model Specs

Display Value	Description*
OEM Power HP	Vehicle/Equipment Rating.
OEM Power kW	Vehicle/Equipment Rating.
OEM Power RPM	Vehicle/Equipment Rating.

Grouping: Engine Supplier Details

Display Value	Description*
Engine Supplier Name	Supplier of engine model.



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Grouping: Engine Supplier Model Details

Display Value	Description*
Engine PSR Model	Model designation that includes specific reference codes.
Engine Supplier Model	Engine model designation given by supplier.
Engine Supplier Model Build Country	Country where engine model is produced.
Engine Supplier Model Build Region	Region where engine model is produced.
Engine Supplier Model EOP	Engine model 'End of Production' year.
Engine Supplier Model Series	Common 'family' designation of engine.
Engine Supplier Model SOP	Engine model 'Start of Production' year.

Grouping: Engine Supplier Model Specs

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 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.
Engine Torque RPM	Engine speed at which maximum torque is measured.

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Grouping: Engine Model Specs (continued)

Display Value	Description*
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: OEM Plant Details

Display Value	Description*
OEM City	OEM contact information.
OEM Country	OEM contact information.
OEM Email	OEM contact information.
OEM Fax	OEM contact information.
OEM Latitude	OEM contact information.
OEM Longitude	OEM contact information.
OEM Phone	OEM contact information.
OEM Postal Code	OEM contact information.
OEM Region	OEM contact information.
OEM State	OEM contact information.
OEM Street Address	OEM contact information.
OEM Web Address	OEM contact information.

Grouping: Sales Data

Display Value	Description*
Production Year	Definition to be determined.
Sales Country	Population (units in service) country
Sales Region (PSR)	Population (units in service) Region according to PSR classifications.
Sales Region (UN)	Population (units in service) Region according to UN classifications.

Grouping: Emissions Data

Display Value	Description*
Engine Emissions Certification Level	State (Tier) Emissions Certification
Engine Emissions Certifying Agency	Agency that regulates emissions
Engine Emissions Solutions Strategy	Technique to reduce emissions

* Refer to the Segment, Application and Product Classification Guide for more detail.

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