

Representative Sample

Engine Manufacturer	Market Segment	Engine Model	Fuel	Intermittent Hp	Cylinders	Displacement	FIE Type	Turbo Supplier	2002	2003	2004	Total
Volkswagen	Highway	028.E	Diesel	110	4	1.9	Rotary	Garrett	19,687	19,797	20,817	138,833
Mercedes Bnz	Highway	MBE900-170	Diesel	170	4	4.25	Unit Pump	3K-Warner	159	163	170	492
Mazda	Highway	WL-T EURO	Diesel	83	4	2.5	Inline	Hitachi	564	588	580	2,091
Cummins	Highway	ISB E-250(W)	Diesel	250	6	5.88	Common Rail	Holset	11,601	41,301	55,788	108,690
Cummins	Highway	ISB E-305(W)	Diesel	305	6	5.88	Common Rail	Holset	2,769	10,977	2,130	15,876
International	Highway	POWER STROKE 60	Diesel	325	8	5.95	Common Rail	Garrett	32,594	216,123	236,331	485,048
Mercedes Bnz	Highway	MBE4000-350	Diesel	350	6	12.82	Elec Unit Inj	3K-Warner	485	2,232	3,331	6,126
Mercedes Bnz	Highway	MBE4000-370	Diesel	370	6	12.82	Elec Unit Inj	3K-Warner	541	1,979	2,792	5,396
Mercedes Bnz	Highway	MBE4000-410	Diesel	410	6	12.82	Elec Unit Inj	3K-Warner	624	2,252	3,099	6,063
Mercedes Bnz	Highway	MBE4000-435	Diesel	435	6	12.82	Elec Unit Inj	3K-Warner	592	2,390	3,835	6,897
Mercedes Bnz	Highway	MBE4000-450	Diesel	450	6	12.82	Elec Unit Inj	3K-Warner	60	343	387	844
Isuzu	Highway	4HE1-TC	Diesel	175	4	4.75	Inline	IHI	458	463	438	2,072

Database Scope

Obtain Engine Manufacturer Information	Analyze and Compare over 30 Engine Specifications and Performance Parameters	Obtain Component Information Including Fuel Injection Equipment & Turbocharger Data	Attain Annual In-Service, Population Volumes	Obtain Total In-Service, Population Volume
<u>Manufacturer Fields</u> <ul style="list-style-type: none"> <li>• Manufacturer Name</li> <li>• Address</li> <li>• Affiliations</li> <li>• Country</li> <li>• Division</li> <li>• Email Address</li> <li>• Employees</li> <li>• Facilities</li> <li>• Fax</li> <li>• Market Segment</li> <li>• Notes</li> <li>• Parent Company</li> <li>• Product Line</li> <li>• Phone</li> <li>• Region</li> <li>• Sales</li> <li>• Web Address</li> </ul>	<u>Engine Model Fields</u> <ul style="list-style-type: none"> <li>• Aspiration</li> <li>• Bore (mm)</li> <li>• Captive Engine</li> <li>• Configuration</li> <li>• Continuous Hp</li> <li>• Cooling</li> <li>• Country [Manufacturer]</li> <li>• Crankshaft</li> <li>• Cycle</li> <li>• Cylinder Liners</li> <li>• Cylinders</li> <li>• Date Discontinued</li> <li>• Date Introduced</li> <li>• Displacement</li> <li>• Fuel</li> <li>• Fuel Delivery</li> <li>• Height (mm)</li> <li>• Hp Rpm</li> <li>• Intercool</li> <li>• Intermittent Hp</li> <li>• kW Rating</li> <li>• Length (mm)</li> <li>• Licensor</li> <li>• Manufacturer Name</li> <li>• Model</li> <li>• Segment</li> <li>• Series</li> <li>• Stroke</li> <li>• Torque (Nm)</li> <li>• Torque RPM</li> <li>• Type</li> <li>• Valve Cam Configuration</li> <li>• Valves per Cylinder</li> <li>• Variable Valve Technology</li> <li>• Weight (kg)</li> <li>• Width (mm)</li> </ul>	<u>Component Fields</u> <ul style="list-style-type: none"> <li>• FIE Type</li> <li>• FIE Nozzle Supplier</li> <li>• FIE Nozzle Country</li> <li>• FIE Pump Model</li> <li>• FIE Pump Supplier</li> <li>• FIE Pump Country</li> <li>• FIE Nozzle Installations - Since 1996</li> <li>• FIE Pump Installations - Since 1996</li> <li>• Turbocharger Supplier</li> <li>• Turbocharger Country</li> <li>• Turbocharger Count</li> <li>• Turbocharger Installations - Since 1980</li> </ul>	<u>Population</u> Engine Population History - Since 1980	<u>Total In-Service</u> Current In-Service Total