

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"> • Manufacturer Name • Address • Affiliations • Country • Division • Email Address • Employees • Facilities • Fax • Market Segment • Notes • Parent Company • Product Line • Phone • Region • Sales • Web Address 	<u>Engine Model Fields</u> <ul style="list-style-type: none"> • Aspiration • Bore (mm) • Captive Engine • Configuration • Continuous Hp • Cooling • Country [Manufacturer] • Crankshaft • Cycle • Cylinder Liners • Cylinders • Date Discontinued • Date Introduced • Displacement • Fuel • Fuel Delivery • Height (mm) • Hp Rpm 	<u>Component Fields</u> <ul style="list-style-type: none"> • FIE Type • FIE Nozzle Supplier • FIE Nozzle Country • FIE Pump Model • FIE Pump Supplier • FIE Pump Country • FIE Nozzle Installations - Since 1996 • FIE Pump Installations - Since 1996 • Turbocharger Supplier • Turbocharger Country • Turbocharger Count • Turbocharger Installations - Since 1980 	<u>Population</u> Engine Population History - Since 1980	<u>Total In-Service</u> Current In-Service Total