



2010 North American Truck Engines

Caterpillar

Model	Liters	HP Rating	2006 Production	2007 Production	2008 Production	2009 Production	Comments	Lube	Fuel	F/W Separator	Coolant
C13	12.5	385-520	28,500	21,000	20,000	4,500	The engine of choice for fleets requiring excellent performance and dependability.	B7299 (F-F) B7402 (2) (F-F)	BF7587 (High-Efficiency)	BF1259 (Opt.)	---
C15	15.2	440-595	70,000	45,000	16,500	9,000	The leading choice for owner/operators, fleets and heavy haulers.	B99 B7299 B7402 (2)	BF7587 (High-Efficiency)	BF1259 (Opt.)	---

Cummins

Model	Liters	HP Rating	2006 Production	2007 Production	2008 Production	2009 Production	Comments	Lube	Fuel	F/W Separator	Coolant
ISB	6.7	200-325	216,000	155,000	130,000	85,000	The ISB combines everything Cummins learned over the past decade with the B3.9 and B5.9.	B7177	BF7940	BF1378-SPS (Opt.)	---
ISC	8.3	250-365	6,500	26,000	21,000	18,500	It is the ideal choice for a broad range of trucks from pickup & delivery to dump trucks, waste haulers and mixers.	BD7309 (D-F)	BF7924	BF1293-SPS BF1378-SPS	BW5071
ISL	8.9	345-380	4,000	14,000	8,000	6,800	The ISL is the ideal choice for a broad range of trucks from regional LTL carriers with daycabs, to dump trucks, waste haulers and mixers.	BD7309 (D-F)	BF7924	BF1378-SPS	BW5071
ISL-G	8.9	250-320	0	0	0	Unknown	ISL based clean-burning, natural gas engine.	BD7309 (D-F)	BF7695	BF1293-SPS	BW5071 (Opt.)
ISM	10.8	290-400	32,000	24,500	22,000	2,350	An exceptional power-to-weight ratio and high-pressure fuel injection.	BD7153 (D-F, 14 7/32 in) BD7154 (D-F, 11 25/32 in)	---	BF1259 BF1282	BW5071 (w/4 Units BTA PLUS) B5088 (w/o Chemical) BW5250 (Controlled Release)
ISX	15.0	400-600	68,000	55,000	52,000	45,000	Dual overhead cam design and variable geometry turbocharger.	BD7154 (D-F)	BF7760 (2007 Emissions)	PF7755 (Opt.) PF7895 (Opt.)	B5087 (w/o Chemical, Opt.) BW5086 (w/11 1/2 Units BTA PLUS)

Detroit Diesel

Model	Liters	HP Rating	2006 Production	2007 Production	2008 Production	2009 Production	Comments	Lube	Fuel	F/W Separator	Coolant
DD13	12.8	350-450	0	0	8,000	4,600	Offers up to 5% better fuel economy than a similarly specified MBE4000.	P7405	---	---	---
DD15	14.8	455-560	0	0	11,000	14,100	Gets up to 5% better fuel economy than the Series 60.	P7405	---	---	---
DD16	15.6	475-600	0	0	0	1,400	Every new DD16 comes standard with the BlueTec SCR emissions treatment system installed.	P7405	---	---	---
Series 60	14.0	300-825	80,000	32,000	19,000	250	Series 60 engine is being phased out.	B495 (2) B495-SS (2) (Upgrade)	BF5815 (Sec.) BF5816 (Sec.) BF5800 (Pri.)	BF1283-SP (Opt. Spin-on) BF5812 (Opt. Spin-on) PF7748 (Ele.)	BW5200 (Opt.)

International

Model	Liters	HP Rating	2006 Production	2007 Production	2008 Production	2009 Production	Comments	Lube	Fuel	F/W Separator	Coolant
MaxxForce DT	7.6	215-300	64,000	47,000	48,000	30,000	An evolution of the International DT466.	BD7250 (D-F)	PF7994	PF7779, PF7978	---
MaxxForce 7	6.4	220-300	383,000	227,000	148,000	110,000	Replaced the VT365.	P7235	PF7994	PF7978	---
MaxxForce 9	9.3	300-330	2,600	1,200	1,500	600	Replaced the DT466.	BD7250 (D-F)	PF7994	PF7779, PF7978	---
MaxxForce 10	9.3	310-350	5,000	2,500	4,200	2,200	Weight-saving medium-duty diesel engine.	BD7250 (D-F)	PF7994	PF7779, PF7978	---
MaxxForce 11	10.5	330-390	0	0	0	1,000	Weight-saving heavy-duty diesel engine.	P7329	PF7939 (Pri.), PF7986 (Sec.)	PF7748	---
MaxxForce 13	12.4	410-475	0	0	0	1,900	Has advanced fuel system, resulting in better fuel efficiency, quieter operation and reduction of emissions.	P7329	PF7939 (Pri.) PF7986 (Sec.)	PF7748	---

Mack

Model	Liters	HP Rating	2006 Production	2007 Production	2008 Production	2009 Production	Comments	Lube	Fuel	F/W Separator	Coolant
MP7	11.0	325-405	29,600	2,700	Unknown	3,600	Engineered to meet strict emissions requirements of the EPA for 2007 (US '07).	B76 (2) (F-F) B7409 (B-P Spin-on) BC7242 (B-P Spinner)	BF7814 BF7943	BF1386-O	B5091 (w/o Chemical) BW5183 (w/Chemical)
MP8	13.0	425-505	11,900	1,100	Unknown	6,800	Engineered to meet strict emissions requirements of the EPA for 2007 (US '07).	B76 (2) (F-F) B7409 (B-P Spin-on) BC7242 (B-P Spinner)	BF7943	BF1384-SP BF1386-O	BW5183 (w/Chemical)
MP10	16.0	515-605	0	0	0	1,000	Engineered to meet strict emissions requirements of the EPA for 2010 (US '10).	B76 (2) (F-F) B7409 (B-P)	BF7943	BF1386-O	B5091 (w/o Chemical) BW5183 (w/Chemical)

Mercedes-Benz

Model	Liters	HP Rating	2006 Production	2007 Production	2008 Production	2009 Production	Comments	Lube	Fuel	F/W Separator	Coolant
MBE900	7.2	234-355	26,000	21,000	17,000	5,000	Medium-duty diesel engine that has excellent fuel efficiency and reduced emissions.	P7188 (F-F) BC7326 (Opt. B-P Spinner)	PF7761 PF7974	---	---
MBE4000	12.8	295-503	25,000	19,000	18,000	50	Introduced in 2002 and manufactured specifically for the demanding North American market.	P7230	PF7761	---	---

PACCAR

Model	Liters	HP Rating	2006 Production	2007 Production	2008 Production	2009 Production	Comments	Lube	Fuel	F/W Separator	Coolant
MX	12.9	360-462	0	0	0	0	Designed to meet the Environmental Protection Agency's (EPA) 2010 emissions.	BC7326 (Spinner) P7354 (F-F)	---	---	---
PX-6	6.7	200-325	Unknown	Unknown	Unknown	Unknown	PACCAR calls this their "efficiency" engine with its high power density.	B7177	BF7940	BF1378-SPS	---
PX-8	8.3	240-330	Unknown	Unknown	Unknown	Unknown	PACCAR calls this their "power and torque" engine.	BD7309 (D-F)	BF7815 BF7924	BF1259 BF1378-SPS	---

Volvo

Model	Liters	HP Rating	2006 Production	2007 Production	2008 Production	2009 Production	Comments	Lube	Fuel	F/W Separator	Coolant
VED11	11.0	325-405	8,000	9,300	9,000	2,500	The Volvo VED11 engine delivers a reliable, cost-effective, powerful solution for most applications in a light package.	B76-SS (2) (F-F) B7685 (B-P)	BF7814	BF1329 (w/o SP) BF1329-O (Open End) BF1329-SP (w/9/16 SP) BF1339-SP (w/1/2-20 SP)	BW5142 (w/Chemical) B5145 (w/o Chemical)
VED13	13.0	375-500	100	6,900	12,000	2,800	The Volvo VED13 engine is fuel efficient, reliable and light weight, and minimizes the cost of operations.	B76-SS (2) (F-F) B7685 (B-P)	BF7814	BF1329 (w/o SP) BF1329-O (Open End) BF1329-SP (w/9/16 SP) BF1339-SP (w/1/2-20 SP) BF1366-O	BW5142
VED16	16.0	500-600	200	1,400	2,000	700	The Volvo VED16 engine yields impressive power in any situation with up to 2050 lb-ft of torque for excellent driveability.	B76-SS (2) (F-F) B7685 (B-P)	BF7814	BF1329 (w/o SP) BF1329-O (Open End) BF1329-SP (w/9/16 SP) BF1339-SP (w/1/2-20 SP) BF1366-O	BW5142

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