

# WAUKESHA












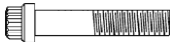
ENGINE: VRG330 (Naturally Aspirated)  
VRG330S/VRG330TA (Turbocharged)

BORE: 3.875" | 6 Cyl | Gas/LP/NG | NOTES: Gasoline, LPG & Natural Gas Engines / Supply Spec # to Verify Part Numbers

APPLICATION: Industrial Applications

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT
				
	6	<a href="#">191443</a>	Sleeve & Piston Assembly: 8:1 Compression Ratio	
	6	<a href="#">191444</a>	Sleeve & Piston Assembly: 10:1 Compression Ratio	
	6	<a href="#">191445</a>	Piston Assembly: 8:1 Compression Ratio	
	6	<a href="#">191446</a>	Piston Assembly: 10:1 Compression Ratio	
	6	<a href="#">191228</a>	Cylinder Liner (Includes O-Rings)	
	6	<a href="#">191329</a>	Cylinder Liner O-Ring Kit, Late 3 Groove Liner	
	6	<a href="#">191331</a>	Cylinder Liner O-Ring Kit, Early 2 Groove Liner	
	6	<a href="#">191447</a>	Piston Ring Set (2-3/32 1-3/16)	
	6	<a href="#">291221</a>	STD Rod Bearing	
	6	<a href="#">291222</a>	.010 Rod Bearing	
	6	<a href="#">291223</a>	.020 Rod Bearing	
	6	<a href="#">291224</a>	.030 Rod Bearing	
	1	<a href="#">291432</a>	STD Main Bearing Set	
	1	<a href="#">291433</a>	.010 Main Bearing Set	
	1	<a href="#">291434</a>	.020 Main Bearing Set	
	1	<a href="#">291435</a>	.030 Main Bearing Set	
	1	<a href="#">391399</a>	Head Gasket Set: Naturally Aspirated	
	1	<a href="#">391411</a>	Head Gasket Set: Turbocharged	
	1	<a href="#">391391</a>	Head Gasket	
	1	<a href="#">391412</a>	Valve Cover Gasket	
	1	<a href="#">391413</a>	Manifold Gasket: Naturally Aspirated	
	12	<a href="#">391163</a>	Manifold Gasket: Turbocharged	
	1	<a href="#">391393</a>	Lower Gasket Set w/Seals	
	1	<a href="#">391394</a>	Pan Gasket	
	1	<a href="#">391383</a>	Timing Cover Gasket	
	1	<a href="#">391384</a>	Rear Seal Housing Gasket	
	1	<a href="#">391385</a>	Front Crank Seal	
	1	<a href="#">391386</a>	Rear Crank Seal	
	1	<a href="#">391387</a>	Teflon Rear Crank Seal w/Wear Sleeve	
	12	<a href="#">291229</a>	Pin Bushing	
	1	<a href="#">291438</a>	Cam Bearing Set, wo/Hydraulic Pump (4 Finished Bearings)	
	1	<a href="#">291439</a>	Cam Bearing Set, wo/Hyd Pump (4 Semi-Finished Bearings)	
	1	<a href="#">291441</a>	Cam Bearing Set, w/Hydraulic Pump (5 Finished Bearings)	
	1	<a href="#">291442</a>	Cam Bearing Set, w/Hyd Pump (5 Semi-Finished Bearings)	
	1	<a href="#">291233</a>	Outboard Cam Bearing, Engines w/Hydraulic Pump	
	1	<a href="#">791162</a>	Rear Cam Plug (2.250" Brass)	
	12	<a href="#">791118</a>	Rod Bolt	
	1	<a href="#">791161</a>	Head Bolt Kit w/Washers	

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	1	591228	Camshaft, Engines wo/Hydraulic Pump	
	1	591229	Camshaft, Engines w/Hydraulic Pump (Frt Support Journal)	
	1	591216	Cam Thrust Plate	
	12	591123	Tappet	
	6	491159	Exhaust Valve: Naturally Aspirated	
	6	491161	Exhaust Valve: Turbocharged (Stellite)	
	6	491162	Intake Valve: Naturally Aspirated	
	6	491337	Intake Valve: Turbocharged (Stellite)	
	6	491163	Exhaust Valve Guide "Guide Cut For Positive Seal - 491364"	
	6	491333	Intake Valve Guide "Guide Cut For Positive Seal - 491164"	
	6	491146	Exhaust Valve Spring: Naturally Aspirated Gasoline	
	6	491133	Exhaust Valve Spring: Turbocharged / LPG / NG	
	6	491133	Intake Valve Spring	
	6	491148	Exhaust Valve Rotator: Naturally Aspirated Gasoline	
	24	491134	Valve Keeper (Half)	
	12	391395	Positive Valve Seal (Graphite-Teflon Seal w/Metal Jacket) (1)	
	6	491165	Exhaust Valve Seat: Naturally Aspirated	
	6	491336	Exhaust Valve Seat: Turbocharged	
	6	491334	LH Rocker Arm	
	6	491335	RH Rocker Arm	
	1	491332	Rocker Arm Shaft	
	1	591219	Cam Gear	
	1	591221	Crank Gear	
	1	591222	Idler Gear Asb (Gear, Hub, Bushing, Screw, Washers) (2)	
	12	591227	Push Rod	
	1	691179	Oil Pump, Engines w/Deep Rear Sump	
	1	691142	Oil Pump Kit (Body # 216080C)	
	1	691143	Oil Pump Kit (Body # 216080 & 216080A)	
	1	691144	Oil Pump Drive Gear (Body # 216080A)	
	1	691145	Oil Pump Drive Gear (Body # 216080C)	
	1	691147	Oil Pump Driveshaft w/Gear (Body # 216080A) (3)	
	1	691148	Oil Pump Driveshaft w/Gear (Body # 216080C) (3)	
	1	691149	Oil Pump Idler Gear	
	1	691178	Oil Cooler Element	
	1	791166	Crankshaft	
	1	891194	Breather Element	
	1	891197	Governor Repair Kit (Fits 68031E Governor)	
	1	891187	Fuel Pump	
	1	891188	Thermostat (175 Degree) "For 190 Degree Use 891196"	
	1	891195	Bypass Hose	
	1	891189	Water Pump w/Bracket Mounted Fan (4)	
	1	891191	Water Pump w/Pump Mounted Fan (5)	

(1)Use VST1812 Seal Tool (2)For Bushing Use 591224 (3)Upper Bushing - 691151 Lower Bushing - 691152 (4)For Kit Use 891192

(5)For Kit Use 891193