

# KÄRCHER

makes a difference



## PRESSURE WASHERS



**Lorchem  
Technologies, Inc.**

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*We Know How To Get Things* **CLEAN**

## Briggs & Stratton Engines – Gasoline

Briggs & Stratton's top-of-the-line engines have proven performance in the pressure washer industry. They contain the power to complete any job faster and easier with less wear and tear on major engine components

- Easy, quick-starting
- Large fuel tank
- Super-quiet muffler
- OilGuard® low-oil shutdown

Part No	Old No	HP	Shaft Diameter	Starter	Charge Rate	Fuel Tank	Model No.
8.754-819.0	–	18	1"	Electric	20 Amp	N/A	Vanguard
8.715-067.0	5-0316	21	1"	Electric	N/A	N/A	Vanguard

NOTE: Mufflers for the above engine are sold separately. See Briggs & Stratton Engine Parts section below.

- State-of-the-art carburetion system
- 30% quieter muffler than competition
- Cast/sintered iron sleeve
- OilGuard® low-oil shutdown

Part No	Old No	HP	Shaft Diameter	Starter	Charge Rate	Fuel Tank	Model No.
8.709-877.0	5-0313	11	1"	Recoil	N/A	2 gal	Vanguard



OHV Vanguard

## Briggs & Stratton Engine Parts

Genuine Briggs & Stratton replacement parts are available. Please provide engine model/type/code to ensure proper fit of replacement parts.

- Authorized manufacturer replacement parts
- Don't settle for cheap imitations

Part No	Old No	Description
8.701-826.0	091960	Briggs 16/18 HP Vanguard, Oil Filter
8.701-820.0	091950	Briggs 5 HP Industrial, Air Filter
8.701-821.0	091952	Briggs 8 or 11 HP IC, Air Filter
8.701-823.0	091954	Briggs 16/18 HP Vanguard, Air Filter
8.718-021.0		Sparkplug, Vanguard, RC12YC

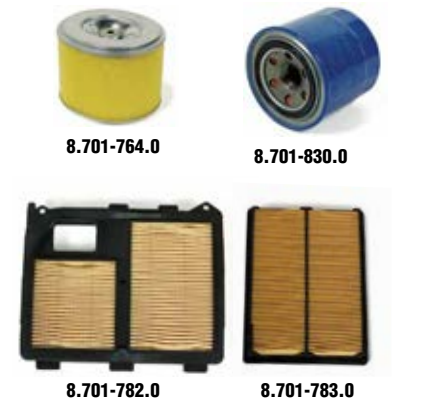


## Honda Engine Parts

Original Honda replacement parts from the factory. Filters are a great add-on to every service order.

- Authorized manufacturer replacement parts
- Don't settle for cheap imitations

Part No	Old No	Description
8.701-830.0	091970	Honda 18/20 HP, Oil Filter
8.701-764.0	091746	Honda GX160, Air Filter
8.701-780.0	091775	Honda GX240/270, Air Filter
8.701-781.0	091777	Honda GX340, Air Filter
8.701-782.0	091779	Honda GX610/620, Air Filter (old style)
8.701-783.0	091779A	Honda GX610/620, Air Filter (new style)
8.718-117.0		Honda GX All, Sparkplug



## Engines - Kohler Lombardini – Diesel

Kohler Lombardini Water Cooled Diesel Engines provide superior power and quiet operation.



- Diesel powered
- Water cooled

Part No	Old No	HP	Shaft Diameter	Starter	Charge Rate	Fuel Tank	Model No.
9.802-327.0	5-0407	27	1-1/2"	Electric	N/A	No	LDW1003, Water Cooled

## Engine Parts - Kohler Lombardini



Factory direct Kohler parts.

- Authorized manufacturer replacement parts



8.717-912.0      8.717-915.0

Part No	Old No	Description	Engine Model
8.717-912.0	74-2175107	Oil Filter	LDW602/903/1003
8.717-915.0	74-2175164	Air Filter	LDW602/903/1003
8.717-909.0	74-2175045	Fuel Filter	LDW602/903/1003

## Voltage Regulator - Heavy-duty 15 Volt

- Eliminates need for battery on 12 volt recoil Hot-Water Washers



Part No	Old No	Description
9.802-531.0	860273	Regulator, Voltage 15 Volts

## Starter Solenoid - 12V DC

Universal type used on many lawn and garden tractors and mowers.

- Double terminal – 5/16" – 24 studs
- Same as used on 16 HP B & S Vanguard engines
- Rated for intermittent duty (i.e. for starting small gasoline engines)



## Keyed Ignition Switch – 12V DC

- Universal style/5 pole
- Off-On-Start (spring back to On)
- Panel nut and star-lock washer
- Two keys included
- Has two auxiliary circuits
- Universal — used for small engine controls on many lawn and garden tractors, mowers



Part No	Old No	Description
8.701-689.0	091350	Keyed Ignition Switch, 5 pole
8.701-690.0	091351	Keyed Ignition Switch, 6 pole

## Baldor Motors – C-Face Open Drip Proof (ODP)

Built to “industrial” specifications.

“S” indicates motor has on/off switch. “B” indicates motor is black.



Part No	Old No	Motor HP/S	RPM	Shaft Dia	Bolt Circle	Frame C-Face	Full Load Amps	Voltage
Single-Phase Motors								
8.709-754.0	337323B	3.0	3450	5/8"	5-7/8"	56/56C	13.7/12.5	208/230
8.709-723.0	337264B	3.0	1725	5/8"	5-7/8"	184CZ/56C	32/16	115/230
8.709-727.0	337268B	4.0	1725	5/8"	5-7/8"	182TCZ/56C	17.5/16	208/230
8.709-728.0	337269B	4.0	3450	5/8"	5-7/8"	56/56C	38/21/19	115/208/230
8.709-730.0	337271B	5.0	1725	1-1/8"	7-1/4"	184TC	25/23	208/230
8.709-731.0	337272B	5.0	3450	5/8"	5-7/8"	56HCY/56C	24/23	208/230
8.709-733.0	337273B	6.0	1725	1-1/8"	7-1/4"	213C/182TC	26	230
8.709-734.0	337275B	7.5	1725	1-1/8"	7-1/4"	215C/182TC	36/33	208/230
9.107-929.0		2	1725	5/8"		56C	16.4/8.2	115/230

## Baldor Motors – Open Drip Proof (ODP)



Industrial-grade motors built specifically to meet or exceed the demands of the pressure washer industry.

- The industry standard
- U.L. Listed
- Any Baldor motor available



1 Phase 56 Frame



1 Phase 184T Frame



3 Phase 184T Frame

Part No	Old No	Motor HP	Voltage	RPM	Shaft Dia	Frame	Full Load Amps	Model
Single-Phase Motors								
8.754-710.0		2.0	115/230V	3470	5/8"	56C		35R613R717G1
8.754-709.0		2.0	115V	1750	5/8"	56C		35Q371R021G1
8.715-090.0	5-10081	3.0	208/230V	1725	5/8"	56HC		35M895T356
8.709-751.0	337320	3.0	115/230V	1725	1-1/8"	184T	32/16	
8.715-146.0	5-1053E	5.0	208/230V	3450	3/4"	56CZ		35L3583214G1
8.715-091.0	5-10104	5.0	230V	1725	7/8"	184TCZ		36G472W849
8.709-759.0	337331	5.0	208/230V	3450	5/8"	56	23-21	
8.709-757.0	337329	5.0	208/230V	1725	1-1/8"	184T	25/23	
9.802-336.0	5-10401	6.2	230V	1725	1-1/8"	184TZ		36J185X288G1
8.715-163.0	5-1080	8.2	208V	1725	1-3/8"	215		N/A
8.715-165.0	5-1082	8.2	230V	1725	1-3/8"	215		N/A
9.804-516.0		1.5	115V	1725	5/8"	56C	13.6	35R735R770G1
9.107-929.0		2	115/230V	1725	5/8"	56C	16.4/8.2	EPCL1322M
8.715-158.0		2.3	115V	1750	5/8"	56C	18	35Q899R328G1
8.715-144.0		5	200V	3450	3/4"	56CZ	24.5	35V142R510G1
8.715-142.0		5	230V	1725	1-1/8"	182TZ	23	36J800X811
9.802-337.0		6.2	200V	1725	1-1/8"	184TZ	30.7	36J468Y852
8.715-102.0		7.5	230V	1725	1-3/8"	215TZ	31	37H404W885G1
8.715-168.0		8.2	230V	3450	1-1/8"	184TZ	32.8	36E002Y277G1
8.725-973.0		8.2	230V	1740	1-3/8"	215T	34.5	37L276Y712G1
8.709-793.0		10	230V	1725		215TFC		
Three-Phase Motors								
8.751-004.0		6.2	208/230/460	1725	1-1/8"	184T		36B101Y483H2
8.751-014.0	337534	7.5	208/230/460	1770	1-3/8"	213T	20.4/19.4/9.7	
8.750-999.0		8.2	230/460V	1725	1-3/8"	215		N/A
8.751-009.0		5	575V	1750	1-1/8"	184T	5.2	EM3218T-5
8.751-010.0		7.5	575V	1770	1-3/8"	213T	7.8	EM3311T-5
8.751-005.0		8.2	575V	3450	1-1/8"	184T	7.4	36G548S515G1
8.751-011.0		10	575V	1770	1-3/8"	215T	10	EM3313T-5
8.751-008.0		20	575V	1765	1-5/8"	265T	18.9	EM2515T-5

NOTE: Amp draw ratings require adequate wire size and full voltage to apply. Full load Amp ratings apply only when full rated.

## Motors – Totally Enclosed Fan Cooled (TEFC)

Featuring heavy-gauge steel frames, ball bearings, welded base, and “snap-action” starting for reliability. Built to industrial specifications.



Part No	Old No	HP	RPM	Shaft Dia	Bolt Circle	Frame / C-Face	Full Load Amps	Voltage
Single-Phase Motors								
8.709-767.0	337352	1.5	1725	5/8"	5-7/8"	56C	12/6	115/230
8.709-774.0	337363	2.0	3450	5/8"	5-7/8"	56C	17/8.5	115/230
8.709-779.0	337374	3.0	3450	5/8"	5-7/8"	56C	13.8/12.5	208/230
8.709-784.0	337380	5.0	1725	1-1/8"	7-1/4"	184TC	23	230
8.709-737.0	337280	7.5	1800	1-1/8"	7-1/4"	215C	34.1/30.8	208/230
8.723-881.0		2	1800	5/8"		56C	7.6/8.8	115/230
Three-Phase Motors								
8.751-016.0		10.0	1725	1-3/8"		215T	29-26/13	208-230/460
8.751-318.0		5	1725	1-1/8"	7-1/4"	184TC	13.4/6.7	230/460

NOTE: Some of these motors will require two days from order to shipping.

## Motors - A.O. Smith – Pressure Washer

Excellent power efficiency. “S” indicates motor has on/off switch.



Part No	Old No	Motor HP/S*	RPM	Shaft Dia	Bolt Circle	Frame / C-Face	Full Load Amps	Voltage
Single Phase Motors								
8.709-808.0	337438	6.0	3450	7/8"	5-7/8"	56Y	22.0	208/230
TEFC Motor								
8.709-798.0	337407T	1.5	1750	5/8"	5-7/8"	56C/56C	15.0/7.5	115/230

## Motors - WEG – Pressure Washer

Built to industrial specifications.



Part No	Moto HP	RPM	Shaft Dia	Frame	Voltage	Full Load AMPS
Three Phase Motors						
8.755-598.0	5	1760	1-1/8"	182/4T	200	14.6
8.755-599.0	10	1770	1-3/8"	213/5T	200	28.5
8.755-600.0	15	1775	1-5/8"	254/6T	200	42.8
8.755-601.0	20	1770	1-5/8"	254/6T	200	57.5
8.755-606.0	7.5	1770	1-3/8"	213/5T	200	21.3
8.756-431.0	20	1800	1-5/8"	254/6T	208/230	55.3-50.0/25.0
8.755-604.0	7.5	1770	1-3/8"	213/5T	208/230	20.5-18.5/9.25
8.755-605.0	10	1770	1-3/8"	213/5T	208/230	27.4-24.8/12.4
8.756-425.0	5	1800	1-1/8"	182/4T	208/230	14.0-12.7/6.33
8.756-429.0	15	1800	1-5/8"	254/6T	208/230	41.1-37.2/18.6

## Small Engine Test Equipment

- Connects between plug and plug wire
- Totally contained spark
- Engine will run with tester attached
- Neon test light verifies proper ignition
- Handy tool allows safe, easy visual inspection of ignition output



Spark Tester

Part No	Old No	Description
8.701-680.0	091126	Spark Tester

- Designed for small engines
- 2-1/2" dial reads up to 300 PSI
- 12" flexible hose to reach spark plug holes
- Adapters for 14mm and 18mm spark plug holes
- Built-in pressure holding/release valves



Compression Tester

Part No	Old No	Description
8.701-682.0	091133	Comp Tester

- Terrific service aid for 1-cylinder engines
- Just hold built-in antenna near spark plug
- Two scales: 0-5,000 RPM or 0-15,000 RPM
- Solid-state electronics
- Requires 9V battery (not included)
- Excellent for setting GPM on pressure washers; accuracy within 2% of full scale



Wireless Tachometer

Part No	Old No	Description
8.701-681.0	091132	Wireless Tach

## Couplers Built by Browning or Lovejoy

Listed as individual coupler sections (half) to allow flexibility in design. For complete coupler select: Bore size for motor + Bore size for pump + Spider = Complete Coupler



**NOTE: Select halves from same series as listed in groups below (e.g. All "090/095", "099/100")**

Part No	Old No	Description	Bore
090/095 Series: Up to 3 HP Electric or 4 HP Gas			
8.709-620.0	336031	Coupler Half	24mm
8.709-640.0	336050	Coupler Half	5/8" (090)
8.709-634.0	336044	Coupler Half	3/4" (090)
8.709-635.0	336045	Coupler Half	15/16" (090)
8.709-639.0	336049	Buna Spider for 090 (STD)	

Part No	Old No	Description	Bore
099/100 Series: Up to 5-7 1/2 HP Electric or 5-13 HP Gas			
8.709-626.0	336038	Coupler Half	3/4" (100)
8.709-638.0	336048	Coupler Half	15/16" (099)
8.709-625.0	336037	Coupler Half	20mm(100)
8.709-627.0	336039	Coupler Half	24mm (099)
8.709-628.0	336039A	Coupler Half	24mm (100)
8.709-629.0	336040	Coupler Half	1" (100)
8.709-632.0	336042A	Coupler Half	1-1/8" (100)
8.709-637.0	336047	Coupler Half	1-3/8" (100)
8.709-633.0	336043	Buna Spider for 099/100 (STD)	

## Pulleys

Fits Interpump, General and Admiral XLS, XDS Series pumps, plus XD3040, XD3047, XD3055 and XD3065.

- Double groove
- 24mm bore
- 2 x A groove



Part No	Old No	OD
8.711-115.0	376304	4.0"
8.711-116.0	376305	5.5"
8.711-117.0	376306	6.3"

## Reference / Calculation Guide

### Conversion Factors

1 inch = 25.4 mm	1 gal = 3.79 liter
1 cm = 0.394 inch	1 liter = 0.2642 gal
1 gal H2O = 8.33 lbs	1 kg = 2.205 lbs
1 oz = 23.35 gram	1 KW = 1.341 HP

### Horsepower (HP) Equations

$$HP = \frac{GPM \times PSI}{1460} \quad PSI = \frac{HP \times 1460}{GPM} \quad GPM = \frac{HP \times 1460}{PSI}$$

How fast do I turn my pump to give me a desired GPM?

$$\text{Required RPM} = \frac{(\text{desired GPM} \times \text{Rated RPM})}{\text{Rated GPM}}$$

What size pump pulley do I use to get a certain RPM?

$$\text{Pump Pulley Diameter} = \frac{\text{Motor Pulley Diameter} \times \text{Motor RPM}}{\text{Pump RPM}}$$



## V-Belts - Super "Gripnotch"



- Full line of belts
- "V"-notched for longer life and better performance

Part No	Old No	Size
8.715-669.0		AX26
8.710-727.0	369128A	AX28
8.715-672.0		AX29
8.715-673.0	369130A	AX30
9.804-026.0		AX31
9.803-896.0		AX33
9.802-407.0		AX34
9.803-683.0		AX35
9.802-408.0	369136A	AX36
9.802-409.0		AX37
9.802-410.0	5-602038	AX38
8.715-682.0	5-602041	AX41
9.802-411.0	5-602042	AX42
9.802-412.0	5-604022	BX22
9.802-413.0		BX32
9.802-414.0	369134B	BX34
9.802-415.0	369135B	BX35
9.802-416.0	369136B	BX36
8.715-698.0	369137X	BX37
8.710-745.0	369138B	BX38
9.802-418.0		BX39
8.715-701.0	369140B	BX40
9.802-419.0	369142B	BX42
8.710-754.0	369143B	BX43
9.802-421.0	369144B	BX44
8.710-756.0	369145B	BX45
8.715-706.0		BX46
8.715-708.0		BX48
8.715-710.0		BX51

## Pulley Bushings

Split taper "H"



- Split taper, malleable iron
- Keyed to both shaft and hub
- Highest torque carrying capacity

For use with "H" sheaves, above.

Part No	Old No	Size
<b>Motor / Engine Bushings</b>		
9.802-397.0		H x 5/8"
9.803-897.0		H x 3/4"
8.715-633.0		H x 7/8"
9.802-399.0		H x 1"
9.802-400.0		H x 1-1/8"
9.802-401.0		H x 1-3/8"
8.715-638.0	5-511139	H x 1-3/8"-6B, Spline
<b>Pump Bushings</b>		
8.711-118.0	376320	H x 20mm
8.711-119.0	376322	H x 22mm
8.711-121.0	376324	H x 24mm
8.711-122.0	376325	H x 25mm
8.711-123.0	376330	H x 30mm
8.711-124.0	376332	H x 32mm
8.711-125.0	376335	H x 35mm

## Pulleys

High-quality cast-iron pulleys, Cast design, All sizes available



AK pulley



2AK pulley



BK pulley



2BK pulley



3TB pulley

Part No	Old No	Size	OD
8.715-517.0	5-40102158	AK21*	2.10"
8.715-519.0	5-40102358	AK23*	2.30"
9.802-368.0		AK25*	2.50"
9.804-028.0		AK28*	2.80"
8.715-524.0		AK30H	3.05"
8.715-527.0	5-40103201	AK32H	3.25"
8.715-530.0	5-40103401	AK34H	3.45"
9.803-898.0	5-40103901	AK39H	3.75"
9.802-369.0	5-40107401	AK74H	7.25"
8.715-538.0	5-40108401	AK84H	8.25"
8.715-539.0	5-40108901	AK89H	8.75"
9.803-298.0	5-40203001	2AK30H	3.05"
9.802-371.0	5-40203201	2AK32H	3.25"
9.804-047.0	5-40203401	2AK34H	3.45"
8.715-546.0	5-40204401	2AK44H	4.25"
8.715-548.0	5-40204901	2AK49H	4.75"
8.715-549.0	5-40205101	2AK51H	4.95"
9.802-372.0	5-40205401	2AK54H	5.25"
8.715-555.0	5-40206401	2AK64H	6.25"
9.802-374.0	5-40207401	2AK74H	7.25"
9.802-375.0	5-40208401	2AK84H	8.25"
9.803-548.0	5-40209401	2AK94H	9.25"
8.715-560.0		BK30H	3.30"
9.802-377.0		BK32H	3.35"
9.802-379.0		BK36H	3.75"
8.715-566.0		BK40H	3.95"
8.710-819.0	372586	BK45H	4.25"
8.710-823.0	372596T	BK47H	4.45"
8.710-831.0	372650T	BK52H	4.95"
8.715-567.0	5-40405701	BK57H	5.45"
8.710-837.0	372695	BK60H	5.75"
8.710-841.0	372704T	BK62H	5.95"
8.715-568.0	5-40406501	BK65H	6.25"
8.715-570.0		BK70H	6.75"
8.715-571.0		BK75H	7.25"
9.802-380.0		BK80H	7.75"
8.715-573.0		BK85H	8.25"
8.710-858.0	372799T	BK100H	9.75"
8.715-576.0		2BK32H	3.35"
8.710-811.0	372499T	2BK34H	3.55"
9.802-383.0		2BK36H	3.76"
9.802-384.0		2BK40H	3.95"
9.802-385.0		2BK45H	4.25"
8.715-582.0		2BK47H	4.45"
8.715-583.0	5-40505001	2BK50H	4.75"
9.802-386.0		2BK52H	4.95"
9.802-387.0		2BK60H	5.75"
8.715-588.0		2BK62H	5.95"
9.804-060.0	5-40506501	2BK65H	6.25"
9.802-388.0	5-40506701	2BK67H	6.45"
8.715-591.0		2BK70H	6.75"
9.802-389.0	372774T	2BK80H	7.75"
8.715-593.0	372790T	2BK90H	8.75"
9.802-391.0		2BK100H	9.75"
8.715-598.0	5-406040	2TB40	4.35"
9.802-392.0	5-407034	3TB34	3.75"
9.802-394.0	5-407040	3TB40	4.35"

\*x 5/8" Bore