

Honda Engine Parts



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



8.701-764.0



8.701-830.0



8.701-782.0



8.701-783.0

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

Robin-Subaru Engine - Gasoline



Part No.	Orig. No.	Description	HP	Model No.
9.802-313.0*	661280	Manual Start	6.0	EX17
9.802-314.0*	661278	Manual Start	7.0	EX21
8.713-481.0*	5-0005	Manual Start	9.0	EX27
8.713-483.0	5-0009	Manual Start	9.0	EX27

*200 Watt Charging System on these engines

Part No.	Orig. No.	Description	8.701-689.0
8.717-946.0	75-0650140150	Spark Plug for Robin Engines	

Briggs & Stratton Engines - Gasoline



Power to complete any job quicker and easier with less wear and tear on major engine components.

- State-of-the-art carburetion system
- 30% quieter muffler than competition
- Cast/sintered iron sleeve

Part No.	Orig. No.	Description - OHV	HP	Model No.
8.715-063.0	661285	Vanguard Recoil Start	6	117432-0236-E1
8.709-877.0	661289	Vanguard Recoil Start	11	235432-0235-E1
8.709-879.0	661290	Vanguard Recoil Start	13	245432-0235-E1
8.715-064.0	661252	Vanguard Recoil Start	13	245436-0541-E1
8.715-069.0	661218	Twin Vanguard Elec Strt 20 Amp Chg	16	303447-1068-E1
8.715-070.0	661296	Twin Vanguard Elec Strt 20 Amp Chg	16	303447-1295-E1
8.724-833.0	661420	Twin Vanguard Electric Start	21	381447-0135-E1

Briggs & Stratton Engine Parts



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



8.701-826.0



8.701-823.0



8.701-820.0

Part No.	Orig No.	Description
8.701-826.0	091960	16/18 HP Vanguard, Oil Filter
8.701-820.0	091950	5 HP Industrial, Air Filter
8.701-821.0	091952	8 or 11 HP IC, Air Filter
8.701-823.0	091954	16/18 HP Vanguard, Air Filter

12 VDC Starter Solenoid



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)

Part No.	Orig No.	Description
8.701-691.0	091357	12V DC Starter

Keyed Ignition Switch - 12 VDC



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

Part No.	Original No.	Description
091350		5 pole
8.701-690.0	091351	6 pole

Heavy-duty 15 Volt Voltage Regulator



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

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

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



1 PHASE
56 FRAME



1 PHASE
184T FRAME



3 PHASE
184T FRAME

Part No.	Original No.	Description	Hotsy Model No.	HP	Model No.
8.715-089.0	784285	115/230V 1725 RPM 1PH	500A	1.5	35R741R771G1
8.715-154.0	784297	115V 1PH	550	1.5	35Q370R022G1
8.715-136.0	784718	115V 1725 RPM 1PH	505C	1.5	35Q179R022
8.715-157.0	784304	115V 1725 RPM 1PH	555SS/558/559	2.0	35Q371R021G1
9.804-517.0	784719	115V 1725 RPM 1PH C-Face	680/A/SS	2.0	35Q178R021G1
9.802-339.0	784288	115/208/230V 3450 1PH	1710	2.0	35R613R717G1
8.715-158.0	785006	115V 1725 1PH C-Face	560/SS	2.3	35Q899R328G1
8.715-090.0	784101	208/230V 1725 1PH	770/SS/771/772	3.0	35M895T35G
8.715-152.0	783632	230V 1PH	E1530	3.0	35L252S655
8.715-151.0	784266	208/230V 1725 1PH	LX770	3.0	35M904S554G1
8.715-091.0	783649	208/230V 1725 1PH	870/SS	5.0	35G472W849
8.715-092.0	784439	200V 3PH	990SS/991SS/992SS	5.0	M3218T-8
8.715-142.0	890447	230V 1PH	980SS/981SS/987/989	5.0	36J800X811
8.709-819.0	890108	208/230/460V 3PH	990SS/991SS/992SS/ 993SS/994SS/995SS	5.0	M3218T
8.715-096.0	768506	230/460V 3PH	E2255	5.5	36H310X894G1
9.802-336.0	785106	230V 1725 RPM 1PH	1720	6.0	36J185X288G1
9.802-337.0	785142	200V 1800 RPM 1PH	1722	6.0	36J468Y852
9.802-330.0	785143	200V 1800 RPM 3PH	1723	6.0	36B101Y921H2
9.802-329.0	785107	208/230/460V 3PH	1724/1725	6.0	36B101Y483H2
8.715-102.0	785071	208/230V 1PH	1410SS/1411SS/1412SS	7.5	37H404W885G1
9.802-331.0	784437	230V 1725 RPM 1PH	1730	7.5	L1510T
8.715-101.0	784490	200V 3PH	1420SS/1421SS/1422SS	7.5	EM3311T-8
9.802-334.0	784771	208/230/460V 3PH	1734/1735/1420SS/1423SS	7.5	M3311T
8.715-107.0	784123	230/460V 1PH	1070/SS/1510/1511/1512	8.0	37G148W885G1
8.715-108.0	784124	230/460V 3PH	1520/1521/1522/1523/ 1524/1525	8.0	37G767X54G1
9.804-045.0	785108	230V 1725 RPM 1PH	1740/1750/1812SS/1852SS	10	L1512T
8.715-115.0	784644	200V 3PH	1822SS/1862SS	10	M3313T-8
9.802-335.0	784654	230/460V 1725 RPM 3PH	1744/1745/1754/1755/ 1822SS/1825SS/1862SS	10	M3313T
9.803-667.0	784668	575V 1725 RPM 3PH	1836SS/1856SS	10	M3313T-5
8.715-111.0	785966	200V 1800 RPM 1PH	1742/1752/1812SS-208/ 1852SS-208	10	37F340W875
8.709-834.0	784655	230/460V 1725 RPM 3PH	S5732-4/S5730-3/ S5735-3/S5733-1	15	M2513T
8.715-116.0	784027	208/230/460V 3PH	5730/5732/5733/5735	15	37F740X484G1
8.715-119.0	784669	200V 3PH	S5730-5/S5732-5-208V	15	M2513T-8
8.715-117.0	784673	575V 1725 RPM 3PH	2446/2456	15	M2513T-5

Baldor Motors - Totally Enclosed Fan Cooled (TEFC)



Totally enclosed for special applications



- The industry standard
- U.L. Listed

Part No.	Orig. No.	Description	Hotsy Model No.	HP	Model No.
8.715-151.0	784266	208/230V 1725 1PH	LX770	3	35R735R770G1
8.715-160.0	784312	115/208/230V 1PH	LX680	2	35Q988R447G1
8.730-622.0	784265	115/208/230V 1PH	LX660	2	35N326T735G1
8.715-156.0	785011	230V 1PH	790SS	4	35Q988R447G1

Emerson Motor



- U.L. Listed

Part No.	Orig. No.	Description	Hotsy Model No.	HP	Model No.
8.715-161.0	783684	115/230V 1PH	E1220	2	610513

A.O. Smith - Pressure Washer Motors

Excellent power efficiency. "S" indicates Motor has On/Off switch.



Part No.	Original No.	Motor HP/S*	RPM	Shaft Dia	Bolt Circle	Frame/C-Face	Full Load Amps	Voltage
8.903-804.0	337414S	2.0	3450	5/8"	5-7/8"	56C/56C	17.2/9.2/8.6	115/208/230
8.709-802.0	337423	3.0	3450	5/8"	5-7/8"	56C/56C	13.5	208/230
8.903-805.0	337424S	3.0	3450	5/8"	5-7/8"	56C/56C	13.5	208/230
8.709-808.0	337438	6.0	3450	7/8"	5-7/8"	56C/56C	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
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Small Engine Test Equipment

Spark Tester



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

Part No.	Orig No.	Description
8.701-680.0	091126	Spark Tester

Compression 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

Part No.	Orig No.	Description
8.701-682.0	091133	Comp Tester

Wireless Tachometer



- Terrific service aid for 1-cylinder engines
- Just hold built-in antenna near spark plug
- Excellent for setting GPM on pressure washers; accuracy within 2% of full scale
- Two scales: 0-5000 RPM or 0-15,000 RPM
- Solid state electronics
- Requires 9 volt battery (not included)

Part No.	Orig 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 (i.e. All "090/095", "099/100")



Part No.	Description	Bore
090/095 SERIES: Up to 3 HP Electric or 4 HP Gas		
8.709-620.0	336031	Coupler Half 24 mm
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)
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 20 mm (100)
8.709-627.0	336039	Coupler Half 24 mm (099)
8.709-628.0	336039A	Coupler Half 24 mm (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.	Original 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 H2O = 8.33 lbs 1 gal = 3.79 liter 1 kg = 2.205 lbs
 1 cm = 0.394 inch 1 oz = 23.35 gram 1 liter = 0.2642 gal 1 KW = 1.341 HP

Horsepower (HP) Equations

$$\text{HP} = \frac{\text{GPM} \times \text{PSI}}{1460} \qquad \text{PSI} = \frac{\text{HP} \times 1460}{\text{GPM}} \qquad \text{GPM} = \frac{\text{HP} \times 1460}{\text{PSI}}$$

Pulley Equations

Pump Pulley Diameter x Pump RPM = Manufacturer Pulley Diameter x Manufacturer RPM

Questions and Answers

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

A: Required RPM = $\frac{\text{desired GPM} \times \text{Rated RPM}}{\text{Rated GPM}}$

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

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

Belts



- "V" notched for longer life and better performance

Part No.	Orig. No.	Description
8.715-669.0	809000	AX26
8.715-672.0	5-602029	AX29
9.804-026.0	809184	AX31
9.802-407.0	809140	AX34
9.802-408.0	809162	AX36
9.802-409.0	809173	AX37
9.804-005.0	5-602040	AX40
8.715-682.0	809179	AX41
9.803-683.0	809142	AX35
9.802-410.0	919793	AX38
9.802-411.0	809131	AX42
8.715-685.0	809164	AX43
8.715-684.0	809141	AX46
9.802-413.0	616006	BX32
9.802-414.0	5-604034	BX34
9.802-415.0	615494	BX35
9.802-416.0	5-604036	BX36
8.715-698.0	615401	BX37
9.802-417.0	615400	BX38
8.710-748.0	809102	BX40
9.802-419.0	809108	BX42
8.715-686.0	809176	3VX500

Bushings



- Split taper, malleable iron
- Highest torque carrying capacity

Part No.	Orig. No.	Bushing
9.802-397.0	815131	H x 5/8"
9.803-897.0	815133	H x 3/4"
8.715-633.0	5-511088	H x 7/8
9.802-399.0	815135	H x 1"
9.802-400.0	815136	H x 1-1/8"
9.802-401.0	815182	H x 1-3/8"
8.715-638.0	5-511139	H x 1-3/8-6B, Spline
8.715-640.0	815207	H x 18mm
8.715-641.0	5-512020	H x 20mm
8.715-643.0	615531	H x 22mm
9.802-402.0	815202	H x 24mm
9.802-403.0	815183	H x 25mm
8.711-124.0	376332	H x 32mm
8.711-125.0	376335	H x 35mm
8.715-650.0	5-522138	P1 x 1-3/8 x 5/16
9.803-980.0	815137	P1 x 1-5/8"
9.802-404.0	5-531112	P2 x 1
8.715-656.0	5-531144	P2 x 1-7/16
8.715-658.0	815209	SDS x 1-5/8"

Pulleys

- High quality Cast Iron pulleys
- Cast design



AK pulley



2AK pulley



BK pulley



2BK pulley



3TB pulley

Part No.	Orig. No.	Description
8.715-517.0	5-40102158*	AK21
9.802-368.0	5-40102558*	AK25
9.804-028.0	5-40102858*	AK28
8.715-524.0	5-40103001	AK30H
8.715-527.0	5-40103201	AK32H
8.715-530.0	5-40103401	AK34H
9.803-898.0	5-40103901	AK39H
9.802-369.0	919790	AK74H
8.715-538.0	918579	AK84H
8.715-539.0	5-40108901	AK89H
9.803-298.0	829840	2AK30H
9.802-371.0	830590	2AK32H
9.804-047.0	5-40203401	2AK34H
8.715-548.0	829627	2AK49H
8.715-549.0	919480	2AK51H
9.802-372.0	829306	2AK54H
8.715-555.0	919667	2AK64
9.803-548.0	5-40209401	2AK94H
9.802-374.0	919680	2AK74H
9.802-375.0	919585	2AK84H
9.802-377.0	919645	BK32H
9.802-378.0	919498	BK34H
8.715-566.0	919541	BK40H
8.715-567.0	5-40405701	BK57H
8.715-568.0	5-40406501	BK65H
9.802-380.0	919550	BK80H
8.715-576.0	919539	2BK32H
9.802-382.0	830256	2BK34H
9.802-383.0	919537	2BK36H
9.802-384.0	919521	2BK40H
8.710-820.0	372586T	2BK45H
8.715-583.0	919582	2BK50H
9.804-060.0	5-40506501	2BK65H
9.802-388.0	919794	2BK67H
9.802-389.0	875446	2BK80H
9.802-390.0	919624	2BK90H
9.802-391.0	919560	2BK100H
8.715-598.0	919683	2TB40
9.802-392.0	726603	3TB34
9.802-394.0	830569	3TB40
8.715-594.0	830565	2B94SK
8.715-620.0	830561	3B94SK
8.715-551.0	919479	A2AK54-1 1/8
8.730-639.0	919564	3ATA40
8.717-555.0	919670	2G 6.75 A/B 22mm
9.802-955.0	919672	2G 7.75 A/B 22mm
8.715-601.0	830560	3G 3.4 A/B Belt SH

*x 5/8" bore