

Maintenance & Supplies

Service Kits - Contain everything you need for routine operation. It is a single service kit, including high pressure seal, critical o-rings, a seat for the high pressure seal (where applicable), 6 oz. of viscous fluid for rotation control (where applicable) and afill tube or syringe. Call for specific details regarding your tool.

Seal Kits - Identical to the Service Kits, but does not include viscous fluid, fill tube and/or syringe. These kits are for customers who already have these items.

Overhaul Kits - These kits contain everything that normally wears out. They usually include a single high pressure seal and seat, shaft seals, bearings and 6 oz. of viscous fluid (where applicable). Call for the contents of your specific kit.

Tool Kits - These are different for every **StoneAge®** tool. They contain special tools for seating shaft seals and making adjustments.

Lubricants - Lubricants are available in their manufacturer's packaging, for customer's convenience.

Tool and Service Kit Chart

StoneAge® Tool	Service Kit	Seal Kit	Overhaul Kit	Tool Kit	Lubricant
Barracuda - BC-K - 20k psi	BC 600	BC 602	BC 610	BC 612	GP 042
Barracuda - BC-H9-C - 40k psi	BC 600-H9-C	BC 602-H9-C	BC 610-H9-C	BC 612	GP 042
BJV	BJ 600-X	BJ 602	BJ 610-X	BJ 612	BJ 048-X
BJV-M	BJ 600-M-X	BJ 602-M	BJ 610-M-X	BJ 612	BJ 048-X
BJV-P16	BJ 600-P16-X	BJ 602-P16	BJ 610-P16-X	BJ 612	BJ 048-X
BJV-20K	BJK 600-X	BJK 602	BJK 610-X	BJK 612	BJ 048-X
BJV-H9	BJ 600-H9-X	BJK 602-H9	BJ 610-H9-X	BJ 612-H9	BJ 048-X
Gopher - GO-M9 - 20k psi	GO 600	GO 602	GO 610	GO 612	GP 044
Gopher - GO-H9-C - 40k psi	GO 600-H9-C	BC 602-H9-C	GO 610-H9-C	GO 612	GP 044
Raptor - RPT	RPT 600	RPT 602	RPT 610	RPT 612	BJ 048-X
Badger - 15k psi	BA 600-X	BA 602	BA 610-X	BA 612	BJ 048-X
Badger - 20k psi	BA 600-20k-X	BA 602-20k	BA 610-20k-X	BA 612	BJ 048-X
Badger - BA-P8 & BA-M9	BA 600-P8/M9	BA 602-P8/M9	BA 610-P8/M9	BA 612	BJ 048-F
Marten	MT 600	MT 602	MT 610	MT 612	BJ 048-S
Ferret	FT 600	FT 602	FT 610	FT 612	BJ 048-S
Warthog WT-3/8	WT 600	WT 602	WT 610	WT 612	BJ 048-S
Warthog WS-1/2	WS 600	WS 602	WS 610	WS 612	BJ 048-S
Warthog WH-1/2 & 3/4	WH 600	WH 602	WH 610	WH 612	BJ 048-F
Warthog WG-1	WG 600	WG 602	WG 610	WG 612	BJ 048-F
Warthog WD 1-1/4	WD 600	WD 602	WD 610	WG 612	BJ 048-F
CST	CST 600		CST 610		GP 048
SA 1900, 1909	HI 600		HI 610		GP 048
PTL 2400, 2412	SG 600		SG 610	SG 612	GP 048
SL-P8P4	SL 600-P		SL 610-P	SL 612	GP 048
SL-M9AV9	SL 600-K		SL 610-K	SL 612	GP 048
SL-H9H9-C	BC 505	BC 602-H9-C	SL 610-H9-C	GO 612	GP 048
SG-P8P8 & SG-M12AV12	SG 600		SG 610	SG 612	GP 048
SG-P12P12-M & SG-M16A16	SG 600-M		SG 610-M	SG 612	GP 048
SG-CCN	SG 600-CCN		SG 610-CCN	SG 612	GP 048
SH-P8P8	SH 600		SH 610		GP 048
SM-P16	SM 600-P16		SM 610-P16		GP 048
SM-P20	SM 600-P20		SM 610-P20		GP 048
Torus	TR 600	TR 602	TR 610		
HI	HI 600		HI 610		GP 048
UH	UH 600		UH 610	UH 612	GP 048

Note: "X" indicates fast or slow rotation speeds available, please specify when ordering.

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Lubricants



MSDS sheets are available for all lubricants.

Lubricant	Part #	Qty	Source	Specification
Viscous Fluid	BJ 048-X	6 oz.	StoneAge	Synthetic Silicone Lubricant
Air Motor Oil	GP 041	32 oz.	Mobil	Almo 525 - ISO 46 - SAE 10
Hydraulic Oil	HF 042	1 Gal.	Texaco	Rando HD 68 - ISO VG 68
Auto Trans Fluid	GP 042	32 oz.	NAPA	Mercon/Dexron ATF
Anti-Seize	GP 043	2 oz.	Swagelok	MS-TL-BGT
Motor Oil	GP 044	32 oz.	NAPA	10W-40
Gearbox Lube	GP 046	32 oz.	NAPA	80W - 85W - 90
Thread Sealant	GP 047	4 oz.	Parker	Thread Mate
Grease	GP 048	14 oz.	Mobil	Synthetic Grease SHC 100

Air Motors



SG 055

LM 016-4

LM 016-6

Three air motors are currently used in our assemblies, note the chart at right. Use this information to plan your compressed air requirements.

Model	SG 055 + LM 016-4	LM 016-6
At Peak		
Rotation	3000 rpm	3000 rpm
Power	1.7 HP 1.3 KW	4.0 HP 3.0 KW
Torque	36 in-lbs 4.1 Nm	84 in-lbs 10.0 Nm
Air Consumption	30 cfm 51 m3/hr	128 cfm 228 m3/hr
Air Pressure	100 psi 7.0 bar	100 psi 7.0 bar
At Minimum		
Rotation	600 rpm	600 rpm
Power	.35 HP .26 KW	.50 HP .37 KW
Torque	31 in-lbs 3.5 Nm	62 in-lbs 7.0 Nm

Hydraulic Motors



LM 122 Motor

The Danfoss OMM 8 hydraulic motor is currently used on all **StoneAge** equipment with hydraulic power. This information helps you plan oil pumping and control requirements. Available with either 0° or 90° ports.

Model	LM 122 Continuous	LM 122 Intermittent
Rotation	1960 rpm	2430 rpm
Power	2.3 HP 1.3 KW	3.5 HP 3.0 KW
Torque	95 in-lbs 4.1 Nm	135 in-lbs 10.0 Nm
Oil Flow	4.2 gpm 133 m3/hr	5.3 gpm 228 m3/hr
Oil Pressure	1450 psi 100 bar	2000 psi 138 bar

Threaded Connections



Pressures above 4k psi

Use anti-seize and fluorocarbon tape for gall-free, leak-free pipe connections. For 20k and 40k psi connections, just use anti-seize.

Galling

Stainless steel threaded connections tend to gall when tightened. Galled threads are almost welded together, resulting in an expensive problem.

To prevent galling use an anti-seize compound whenever stainless steel threads are tightened.

Tape by itself doesn't prevent galling.

Pressures below 4k psi

For pressures below 4k psi use Parker Thread Mate® alone for gall-free, leak-free connections.



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