

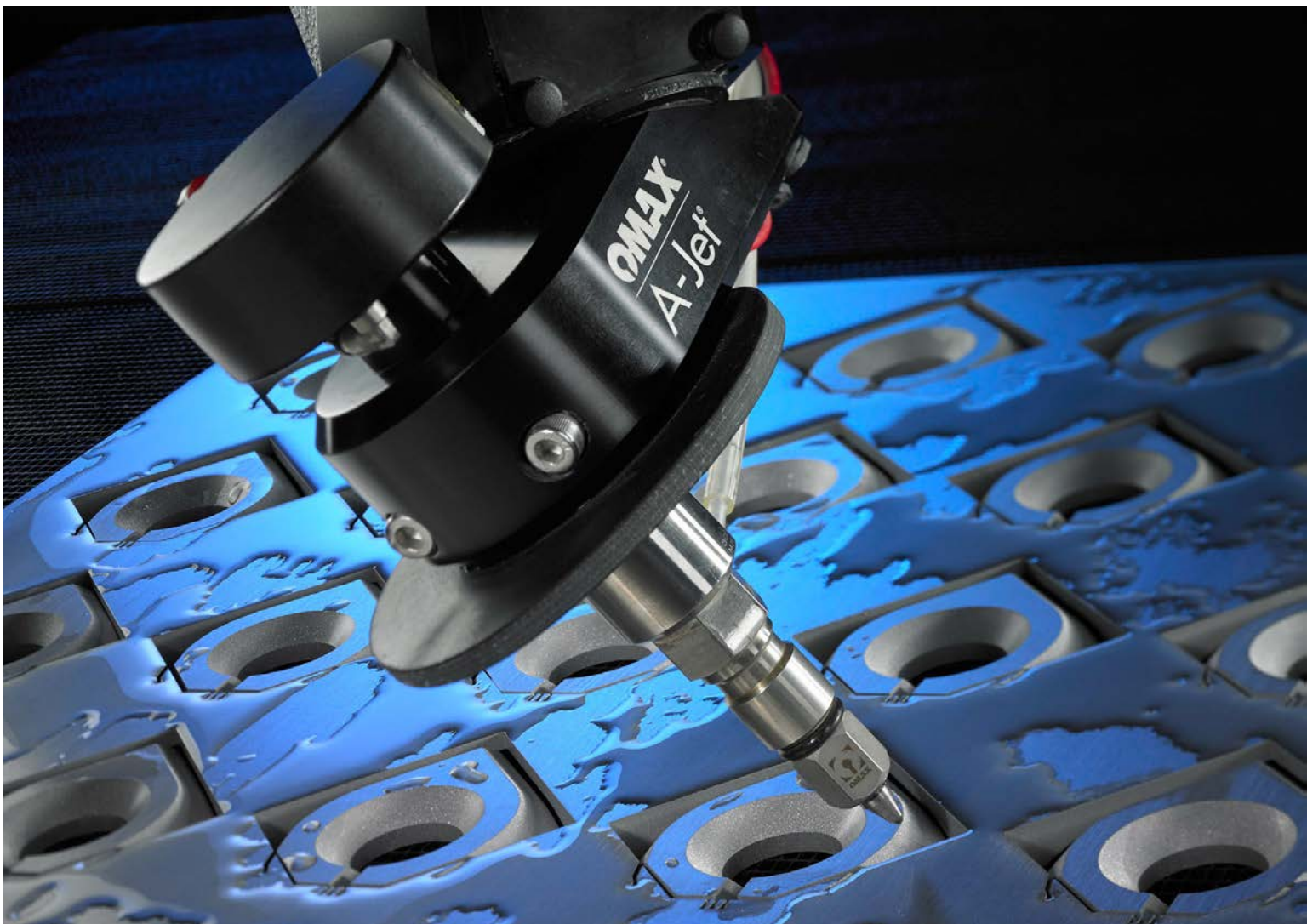


OMAX[®]

A Hypertherm Associates Brand

OMAX GENUINE PARTS BOOK

FOR OMAX PRECISION WATERJET SYSTEMS



**NEW ZEALAND'S DISTRIBUTOR FOR OMAX ABRASIVE
WATERJET MACHINES FOR OVER 15 YEARS.**

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WORLD-CLASS SERVICE, SUPPORT AND INNOVATION FOR ADVANCED ABRASIVE WATERJET SYSTEMS


OMAX, part of Hypertherm Associates, sets the standard for service and support in the waterjet machine tool industry. It starts with a rigorous certification program at OMAX in Kent, Washington where OMAX direct and distributor technicians are trained to install, operate and maintain OMAX abrasive waterjet systems. OMAX engineers continue to innovate technology for abrasive waterjet machining, from proven 4th generation pump designs to cutting edge drive systems with micron-level accuracy. Customers have a number of contact options to suit their schedules and needs, including an extensive library of online resources. With the largest abrasive waterjet support network in the world, OMAX continues to shape the future of waterjets.

CUTTING HEAD COMPONENTS


ROCTEC Mixing Tubes

ROCTEC 100

Industry Workhorse, fit-for-use performance



PART #	DESCRIPTION	
O305532-030	0.030 in. (0.76 mm) ROCTEC 100 Mixing Tube. 0.030 in. ID x 4 in. length (0.76 mm x 101.6 mm).	
O305532-042	0.042 in. (1.07 mm) ROCTEC 100 Mixing Tube. 0.042 in. ID x 4 in. length (1.07 mm x 101.6 mm).	

ROCTEC 100 Fusible (breakaway) for GlobalMAX


PART #	DESCRIPTION	
O318820-30	0.030 in. (0.76 mm) ROCTEC 100 Fusible Mixing Tube. 0.030 in. ID x 3 in. length (0.76 mm x 76.2 mm).	
O318820-42	0.042 in. (1.07 mm) ROCTEC 100 Fusible Mixing Tube. 0.042 in. ID x 3 in. length (1.07 mm x 76.2 mm).	

ROCTEC 500


Provides premium performance for consistent and accurate cutting

PART #	DESCRIPTION	
O300766-030	0.030 in. (0.76 mm) ROCTEC 500 Mixing Tube. 0.030 in. ID x 4 in. length (0.76 mm x 101.6 mm).	
O300766-036	0.036 in. (0.91 mm) ROCTEC 500 Mixing Tube. 0.036 in. ID x 4 in. length (0.91 mm x 101.6 mm).	
O300766-042	0.042 in. (1.07 mm) ROCTEC 500 Mixing Tube. 0.042 in. ID x 4 in. length (1.07 mm x 101.6 mm).	
O300766-048	0.048 in. (1.22 mm) ROCTEC 500 Mixing Tube. 0.048 in. ID x 4 in. length (1.22 mm x 101.6 mm).	
O301667-030	0.030 in. (0.76 mm) ROCTEC 500 Mixing Tube Assembly. 0.030 ID Mixing Tube Assembly with Compression Sleeve. (0.76 mm x 101.6 mm). Replacement for P/N O300555. Used with MAXJET 4 Nozzle - Not for use on A-Jet.	
O301667-042	0.042 in. (1.07 mm) ROCTEC 500 Mixing Tube Assembly. 0.042 ID Mixing Tube Assembly with Compression Sleeve. (1.07 mm x 101.6 mm). Replacement for P/N O301201. Used with MAXJET 4 Nozzle - Not for use on A-Jet.	

ROCTEC 500 Fusible (breakaway)

PART #	DESCRIPTION	
O307651-030	0.030 in. (0.76 mm) ROCTEC 500 Fusible Mixing Tube. 0.030 in. ID x 4 in. length (0.76 mm x 101.6 mm) Use on A-Jet to lessen damage caused by collisions.	
O307651-042	0.042 in. (1.07 mm) ROCTEC 500 Fusible Mixing Tube. 0.042 in. ID x 4 in. length (1.07 mm x 101.6 mm) Use on A-Jet to lessen damage caused by collisions.	
O307651-048	0.048 in. (1.22 mm) ROCTEC 500 Fusible Mixing Tube. 0.048 in. ID x 4 in. length (1.22 mm x 101.6 mm) Use on A-Jet to lessen damage caused by collisions.	


ROCTEC 500 Fusible (breakaway) for GlobalMAX

PART #	DESCRIPTION	
O316505-030	0.030 in. (0.76 mm) ROCTEC 500 Fusible Mixing Tube. 0.030 in. ID x 3 in. length (0.76 mm x 76.2 mm).	
O316505-042	0.042 in. (1.07 mm) ROCTEC 500 Fusible Mixing Tube. 0.042 in. ID x 3 in. length (1.07 mm x 76.2 mm).	

ROCTEC Mixing Tubes


ROCTEC 500 Mini

Use with Mini MAXJET nozzle

PART #	DESCRIPTION	
O304166	0.021 in. (0.53mm) ROCTEC 500 Mini Mixing Tube. 0.021 in. ID x 2.25 in. length (0.53 mm x 57.15 mm).	
O305604-010	0.010 in. (0.25 mm) ROCTEC 500 Mini Mixing Tube. 0.010 in. ID x 1.1 in. length (0.25 mm x 27.94 mm).	
O305604-015	0.015 in. (0.38 mm) ROCTEC 500 Mini Mixing Tube. 0.015 in. ID x 1.65 in. length (0.38 mm x 41.91 mm).	


ROCTEC 500 Mini Fusible (breakaway)

Use with Mini MAXJET Nozzle


PART #	DESCRIPTION	
O308719-021	0.021 in (0.53mm) ROCTEC 500 Mini Mixing Tube. 0.021 in. ID x 2.25 in. length (0.53 mm x 57.15 mm).	

ROCTEC APX Mixing Tubes

Provide a longer period of precision cutting while increasing operational efficiency, with long life and consistent wear setting a new standard for high-performance cutting.


PART #	DESCRIPTION	
O319141-030	0.030 in. (0.76 mm) APX Mixing Tube. 0.030 in. ID x 4 in. length (0.76 mm x 101.6 mm).	
O319141-036	0.036 in. (0.91 mm) APX Mixing Tube. 0.036 in. ID x 4 in. length (0.91 mm x 101.6 mm).	
O319141-042	0.042 in. (1.07 mm) APX Mixing Tube. 0.042 in. ID x 4 in. length (1.07 mm x 101.6 mm).	
O319141-048	0.048 in. (1.22 mm) APX Mixing Tube. 0.048 in. ID x 4 in. length (1.22 mm x 101.6 mm).	

ROCTEC APX Mixing Tubes - Fusible (breakaway)




PART #	DESCRIPTION	
O319142-030	0.030 in. (0.76 mm) APX Fusible Mixing Tube. 0.030 in. ID x 4 in. length (0.76 mm x 101.6 mm). Use on A-Jet to lessen damage caused by collisions.	
O319142-036	0.036 in. (0.91 mm) APX Fusible Mixing Tube. 0.036 in. ID x 4 in. length (0.91 mm x 101.6 mm). Use on A-Jet to lessen damage caused by collisions.	
O319142-042	0.042 in. (1.07 mm) APX Fusible Mixing Tube. 0.042 in. ID x 4 in. length (1.07 mm x 101.6 mm). Use on A-Jet to lessen damage caused by collisions.	
O319142-048	0.048 in. (1.22 mm) APX Fusible Mixing Tube. 0.048 in. ID x 4 in. length (1.22 mm x 101.6 mm). Use on A-Jet to lessen damage caused by collisions.	

MAXJET 4



Orifices

PART #	DESCRIPTION	
O301491-10	MAXJET 4 Size 0.010 in. (0.25 mm). Sapphire Orifice Assembly Replacement for P/N O303385-10. Sharp edge- 7, 10, 15- for the cutting head.	
O301491-14	MAXJET 4 Size 0.014 in. (0.36 mm). Sapphire Orifice Assembly Replacement for P/N O303385-14. Sharp edge - 7, 10, 15- for the cutting head.	

Nozzle Assemblies

PART #	DESCRIPTION	
O301481	MAXJET 4 Nozzle Body Assembly.	  
O303460	MAXJET 4 Ring Seal Nozzle Inlet Body.	
O303461	MAXJET 4 Integrated Inlet Body.	

Replacement Parts

PART #	DESCRIPTION	
O201651	Plastic Compression Sleeve 5/16 in.	   
O301623	Abrasive Nozzle Guard.	
O202108	MAXJET 4 Final Filter.	
O301506	MAXJET 4 Nozzle Mixing Tube Lock Nut.	

MAXJET 5

Sapphire Orifice With Filter

PART #	DESCRIPTION
O304352-05	MAXJET 5 Size 0.005 in. (0.13 mm) Replacement Orifice Assembly with Filter. Comes with 1 each O304351 Filter Assembly. Not for use with constant speed pump. Replacement for P/N O303281-0.
O304352-07	MAXJET 5 Size 0.007 in. (0.18 mm) Replacement Orifice Assembly with Filter. Comes with 1 each O304351 Filter Assembly. Not for use with constant speed pump. Replacement for P/N O303281-07.
O304352-10	MAXJET 5 Size 0.010 in. (0.25 mm) Replacement Orifice Assembly with Filter. Comes with 1 each O304351 Filter Assembly. Not for use with constant speed pump. Replacement for P/N O303281-1.
O304352-11	MAXJET 5 Size 0.011 in. (0.28 mm) Replacement Orifice Assembly with Filter. Comes with 1 each O304351 Filter Assembly. Not for use with constant speed pump. Replacement for P/N O303281-11.
O304352-12	MAXJET 5 Size 0.012 in. (0.30 mm) Replacement Orifice Assembly with Filter. Comes with 1 each O304351 Filter Assembly. Not for use with constant speed pump. Replacement for P/N O303281-12.
O304352-13	MAXJET 5 Size 0.013 in. (0.33 mm) Replacement Orifice Assembly with Filter. Comes with 1 each O304351 Filter Assembly. Not for use with constant speed pump. Replacement for P/N O303281-13.
O304352-14	MAXJET 5 Size 0.014 in. (0.36 mm) Replacement Orifice Assembly with Filter. Comes with 1 each O304351 Filter Assembly. Not for use with constant speed pump. Replacement for P/N O303281-14.
O304352-15	MAXJET 5 Size 0.015 in. (0.38 mm) Replacement Orifice Assembly with Filter. Comes with 1 each O304351 Filter Assembly. Not for use with constant speed pump. Replacement for P/N O303281-15.
O304352-16	MAXJET 5 Size 0.016 in. (0.41 mm) Replacement Orifice Assembly with Filter. Comes with 1 each O304351 Filter Assembly. Not for use with constant speed pump. Replacement for P/N O303281-16.
O304352-20	MAXJET 5 Size 0.020 in. (0.51 mm) Replacement Orifice Assembly with Filter. Comes with 1 each O304351 Filter Assembly. Not for use with constant speed pump. Replacement for P/N O303281-20.



Diamond Orifice


PART #	DESCRIPTION
O305322-07	MAXJET 5 Size 0.007 in. (0.18 mm) Diamond Orifice Assembly. Replacement for P/N O303408-07.
O305322-10	MAXJET 5 Size 0.010 in. (0.25 mm) Diamond Orifice Assembly. Replacement for P/N O303408-10.
O305322-12	MAXJET 5 Size 0.012 in. (0.30 mm) Diamond Orifice Assembly. Replacement for P/N O303408-12.
O305322-13	MAXJET 5 Size 0.013 in. (0.33 mm) Diamond Orifice Assembly. Replacement for P/N O303408-13.
O305322-14	MAXJET 5 Size 0.014 in. (0.36 mm) Diamond Orifice Assembly. Replacement for P/N O303408-14.
O305322-15	MAXJET 5 Size 0.015 in. (0.38 mm) Diamond Orifice Assembly. Replacement for P/N O303408-15.
O305322-20	MAXJET 5 Size 0.020 in. (0.51 mm) Diamond Orifice Assembly. Replacement for P/N O303408-20.
O305322-22	MAXJET 5 Size 0.022 in. (0.56 mm) Diamond Orifice Assembly. Replacement for P/N O303408-22.



MAXJET 5


MAXJET 5 Water Only Nozzle

PART #	DESCRIPTION
O303307-10	MAXJET 5 Size 0.010 in. (0.25 mm) Sapphire Water Only Nozzle Assembly.
O303307-11	MAXJET 5 Size 0.011 in. (0.28 mm) Sapphire Water Only Nozzle Assembly.
O303307-13	MAXJET 5 Size 0.013 in. (0.33 mm) Sapphire Water Only Nozzle Assembly.
O303307-14	MAXJET 5 Size 0.014 in. (0.36 mm) Sapphire Water Only Nozzle Assembly.
O303307-16	MAXJET 5 Size 0.016 in. (0.41 mm) Sapphire Water Only Nozzle Assembly.











MAXJET 5 Nozzle Bodies/Assemblies

PART #	DESCRIPTION
O303521	MAXJET 5 Nozzle Body Assembly with Chamber. This nozzle body has a factory aligned mixing chamber pressed into position and the mixing disc is included.
O303295	MAXJET 5 Nozzle Body.
O303279	MAXJET 5 Integrated Inlet Body. For use on Moto Z cutting head. Attaches to the nozzle body.















MAXJET 5

MAXJET 5 Replacement Parts/Spares

PART #	DESCRIPTION	
O303275	MAXJET 5 Nozzle Mixing Tube Collet.	
O303303	MAXJET 5 Nozzle Guard.	
O303453	MAXJET 5 Nozzle Mixing Tube Lock Nut.	
O202685	Nitrile O-ring Size -215.	
O200782	Nitrile O-ring Size -203. Used on MAXJET 5 Nozzle Guard.	
O202570	Nitrile O-ring Size -206.	
O201649	Nitrile O-ring Size -219.	
O303566	MAXJET 5 Nozzle Mixing Chamber Disc.	
O304351	MAXJET 5 Final Filter Assembly.	
O303565	MAXJET 5 Nozzle Mixing Chamber.	
O304157	Nozzle Filter Seal Removal Tool.	














MAXJET 5 and MAXJET 5i

TiltaJET

PART #	DESCRIPTION	
O303713	MAXJET 5 Retainer Nut. Use in MAXJET 5 and MAXJET 5i.	
O303329	MAXJET 5 Cantilever TAJ Nozzle Inlet Body.	
O321507	MAXJET 5 Bridge TAJ Nozzle Inlet Body.	
O305258	TAJ Pierce Guard Package. Used to protect TiltaJET from high-pressure splash back.	
O303639	TAJ On/Off Valve Rebuild Kit. Use P/N O301927 for other nozzle assemblies.	
O303326	On/Off Valve Seat. Used in Pull to Open Valve of TiltaJET.	
O302668	On/Off Valve Stem Assembly.	
O302094	On/Off Valve Stem Seal Assembly.	
O303995	TAJ Lead Screw Nut. Use only with Trapezoidal lead screws P/N O202836.	
O303997-1	Lead Screw Upgrade Package. Upgrade package, lead screw, 1/2 in.	
O307838	Collared Swivel Football Nipple.	
O306535	A-Jet and TAJ Precision Calibration Kit.	

MAXJET 5 and MAXJET 5i

A-Jet

PART #	DESCRIPTION	
O307525	A-Jet Final Filter Assembly.	
O307507	MAXJET 5 Final Filter Ring Seal. Used on the A-Jet filter.	
O302240	A-Jet Abrasive Feed Assembly. 5/16 OD x 3/16 in. ID. 100 in. of clear abrasive tubing with 60 in. of protective sleeving.	
O307879	A-Jet On/Off Valve Seat Tool.	
O307924	Collared Swivel Assembly.	
O313377	A-Jet Nipple Upgrade Kit.	
O308639	A-Jet Nipple Assembly. Requires the the A-Jet Nipple Upgrade Kit O313377 installed.	
O307907	A-Jet Balance Swivel Rebuild Kit.	
O307509	Collared Swivel Seal Package. Contains seals, O-rings, and backup rings for replacing seals in a Collared Swivel.	
O307903	A-Jet Alignment Tool.	
O307926	A-Jet Tooling Kit.	
O307880	On/Off Retaining Screw Tool.	
O319947	A-Jet and GlobalMAX Final Filter Removal Tool.	

MAXJET 5i

Mini MAXJET 5i Nozzle Assembly

PART #	DESCRIPTION
O306060-10	Mini MAXJET 5i Size 0.010 in. (0.25 mm) Diamond Nozzle Assembly.
O306060-14	Mini MAXJET 5i Size 0.014 in. (0.36 mm) Diamond Nozzle Assembly.



MAXJET 5i Nozzle Assemblies with Filters (not for use with A-Jet)

PART #	DESCRIPTION
O307448-10	MAXJET 5i Size 0.010 in. (0.25 mm) Diamond Nozzle Assembly with Filters. Nozzle Assembly, Diamond, MAXJET 5i, 0.010 in. Orifice with 5 each O304351 Filler Assemblies.
O307448-11	MAXJET 5i Size 0.011 in. (0.28 mm) Diamond Nozzle Assembly with Filters. Nozzle Assembly, Diamond, MAXJET 5i, 0.011 in. Orifice with 5 each O304351 Filler Assemblies.
O307448-12	MAXJET 5i Size 0.012 in. (0.30 mm) Diamond Nozzle Assembly with Filters. Nozzle Assembly, Diamond, MAXJET 5i, 0.012 in. Orifice with 5 each O304351 Filler Assemblies.
O307448-13	MAXJET 5i Size 0.013 in. (0.33 mm) Diamond Nozzle Assembly with Filters. Nozzle Assembly, Diamond, MAXJET 5i, 0.013 in. Orifice with 5 each O304351 Filter Assemblies.
O307448-14	MAXJET 5i Size 0.014 in. (0.36 mm) Diamond Nozzle Assembly with Filters. Nozzle Assembly, Diamond, MAXJET 5i, 0.014 in. Orifice with 5 each O304351 Filter Assemblies.
O307448-15	MAXJET 5i Size 0.015 in. (0.38 mm) Diamond Nozzle Assembly with Filters. Nozzle Assembly, Diamond, MAXJET 5i, 0.015 in. Orifice with 5 each O304351 Filter Assemblies.
O307448-16	MAXJET 5i Size 0.016 in. (0.41 mm) Diamond Nozzle Assembly with Filters. Nozzle Assembly, Diamond, MAXJET 5i, 0.016 in. Orifice with 5 each O304351 Filter Assemblies.
O307448-20	MAXJET 5i Size 0.020 in. (0.51 mm) Diamond Nozzle Assembly with Filters. Nozzle Assembly, Diamond, MAXJET 5i, 0.020 in. Orifice with 5 each O304351 Filter Assemblies.
O307448-22	MAXJET 5i Size 0.022 in. (0.56 mm) Diamond Nozzle Assembly with Filters. Nozzle Assembly, Diamond, MAXJET 5i, 0.022 in. Orifice with 5 each O304351 Filler Assemblies.



MAXJET 5i**MAXJET 5i Nozzle Assemblies (for use with A-Jet)**

PART #	DESCRIPTION
O320303-10	MAXJET 5i Size 0.010 in. (0.25 mm) Diamond Nozzle Assembly. The MAXJET 5i Nozzle Assembly has a carbide tube for the attachment of the abrasive feed tube. This results in faster setup and longer nozzle life. (Replacement for O305617-10). Use P/N O307448-10 if not being installed on A-Jet.
O320303-11	MAXJET 5i Size 0.011 in. (0.28 mm) Diamond Nozzle Assembly. The MAXJET 5i Nozzle Assembly has a carbide tube for the attachment of the abrasive feed tube. This results in faster setup and longer nozzle life. (Replacement for O305617-11). Use P/N O307448-11 if not being installed on A-Jet.
O320303-12	MAXJET 5i Size 0.012 in. (0.30 mm) Diamond Nozzle Assembly. The MAXJET 5i Nozzle Assembly has a carbide tube for the attachment of the abrasive feed tube. This results in faster setup and longer nozzle life. (Replacement for O305617-12). Use P/N O307448-12 if not being installed on A-Jet.
O320303-13	MAXJET 5i Size 0.013 in. (0.33 mm) Diamond Nozzle Assembly. The MAXJET 5i Nozzle Assembly has a carbide tube for the attachment of the abrasive feed tube. This results in faster setup and longer nozzle life. (Replacement for O305617-13) Use P/N O307448-13 if not being installed on A-Jet.
O320303-14	MAXJET 5i Size 0.014 in. (0.36 mm) Diamond Nozzle Assembly. The MAXJET 5i Nozzle Assembly has a carbide tube for the attachment of the abrasive feed tube. This results in faster setup and longer nozzle life. (Replacement for O305617-14) Use P/N O307448-14 if not being installed on A-Jet.
O320303-15	MAXJET 5i Size 0.015 in. (0.38 mm) Diamond Nozzle Assembly. The MAXJET 5i Nozzle Assembly has a carbide tube for the attachment of the abrasive feed tube. This results in faster setup and longer nozzle life. (Replacement for O305617-15). Use P/N O307448-15 if not being installed on A-Jet.
O320303-16	MAXJET 5i Size 0.016 in. (0.41 mm) Diamond Nozzle Assembly. The MAXJET 5i Nozzle Assembly has a carbide tube for the attachment of the abrasive feed tube. This results in faster setup and longer nozzle life. (Replacement for O305617-16). Use P/N O307448-16 if not being installed on A-Jet.
O320303-20	MAXJET 5i Size 0.020 in. (0.51 mm) Diamond Nozzle Assembly. The MAXJET 5i Nozzle Assembly has a carbide tube for the attachment of the abrasive feed tube. This results in faster setup and longer nozzle life. (Replacement for O305617-20) Use P/N O307448-20 if not being installed on A-Jet.
O320303-22	MAXJET 5i Size 0.022 in. (0.56 mm) Diamond Nozzle Assembly. The MAXJET 5i Nozzle Assembly has a carbide tube for the attachment of the abrasive feed tube. This results in faster setup and longer nozzle life. (Replacement for O305617-22). Use P/N O307448-22 if not being installed on A-Jet.



MAXJET 5i

Mini MAXJET 5i Nozzle Assemblies with Mixing Tube

PART #	DESCRIPTION
O306895-10	MAXJET 5i Size 0.010 in. (0.25 mm) Diamond Nozzle Assembly with .030 (0.76 mm) Mixing Tube. Includes 1 each .030 in. ROCTEC 500 Mixing Tube.
O306895-11	MAXJET 5i Size 0.011 in. (0.28 mm) Diamond Nozzle Assembly with .030 (0.76 mm) Mixing Tube. Includes 1 each .030 in. ROCTEC 500 Mixing Tube.
O306895-12	MAXJET 5i Size 0.012 in. (0.30 mm) Diamond Nozzle Assembly with .030 (0.76 mm) Mixing Tube. Includes 1 each .030 in. ROCTEC 500 Mixing Tube.
O306895-13	MAXJET 5i Size 0.013 in. (0.33 mm) Diamond Nozzle Assembly with .030 (0.76 mm) Mixing Tube. Includes 1 each .030 in. ROCTEC 500 Mixing Tube.
O306895-14	MAXJET 5i Size 0.014 in. (0.36 mm) Diamond Nozzle Assembly with .030 (0.76 mm) Mixing Tube. Includes 1 each .030 in. ROCTEC 500 Mixing Tube.
O306895-15	MAXJET 5i Size 0.015 in. (0.38 mm) Diamond Nozzle Assembly with .030 (0.76 mm) Mixing Tube. Includes 1 each .030 in. ROCTEC 500 Mixing Tube.
O306895-1542	MAXJET 5i Size 0.015 in. (0.38 mm) Diamond Nozzle Assembly with .042 (1.07 mm) Mixing Tube. Includes 1 each .042 in. ROCTEC 500 Mixing Tube.
O306895-16	MAXJET 5i Size 0.016 in. (0.41 mm) Diamond Nozzle Assembly with .042 (1.07 mm) Mixing Tube. Includes 1 each .042 in. ROCTEC 500 Mixing Tube.
O306895-20	MAXJET 5i Size 0.020 in. (0.51 mm) Diamond Nozzle Assembly with .030 (0.76 mm) Mixing Tube. Includes 1 each .030 in. ROCTEC 500 Mixing Tube.
O306895-22	MAXJET 5i Size 0.022 in. (0.56 mm) Diamond Nozzle Assembly with .030 (0.76 mm) Mixing Tube. Includes 1 each .030 in. ROCTEC 500 Mixing Tube.








Mini MAXJET 5i Nozzle Assemblies with Fusible Mixing Tube (for use with A-Jet)

PART #	DESCRIPTION
O307842-12	MAXJET 5i Size 0.012 in. (0.30 mm) Diamond Nozzle Assembly with Fusible Mixing Tubes. Includes 2 each .042 in. (1.07 mm) ROCTEC 500 fusible (breakaway) Mixing Tube.
O307842-13	MAXJET 5i Size 0.013 in. (0.33 mm) Diamond Nozzle Assembly with Fusible Mixing Tubes. Includes 2 each .042 in. (1.07 mm) ROCTEC 500 fusible (breakaway) Mixing Tube.
O307842-14	MAXJET 5i Size 0.014 in. (0.36 mm) Diamond Nozzle Assembly with Fusible Mixing Tubes. Includes 2 each .042 in. (1.07 mm) ROCTEC 500 fusible (breakaway) Mixing Tube.
O307842-15	MAXJET 5i Size 0.015 in. (0.38 mm) Diamond Nozzle Assembly with Fusible Mixing Tubes. Includes 2 each .042 in. (1.07 mm) ROCTEC 500 fusible (breakaway) Mixing Tube.
O307842-16	MAXJET 5i Size 0.016 in. (0.41 mm) Diamond Nozzle Assembly with Fusible Mixing Tubes. Includes 2 each .042 in. (1.07 mm) ROCTEC 500 fusible (breakaway) Mixing Tube.
O307842-20	MAXJET 5i Size 0.020 in. (0.51 mm) Diamond Nozzle Assembly with Fusible Mixing Tubes. Includes 2 each .042 in. (1.07 mm) ROCTEC 500 fusible (breakaway) Mixing Tube.
O307842-22	MAXJET 5i Size 0.022 in. (0.56 mm) Diamond Nozzle Assembly with Fusible Mixing Tubes. Includes 2 each .042 in. (1.07 mm) ROCTEC 500 Fusible (breakaway) Mixing Tube.




MAXJET 5i**MAXJET 5i Replacement Parts/Spares**

PART #	DESCRIPTION	
O303275	MAXJET 5i Nozzle Mixing Tube Collet.	
O303453	MAXJET 5i Nozzle Mixing Tube Lock Nut.	
O202570	Nitrile O-ring Size -206.	
O201649	Nitrile O-ring Size -219.	
O202545	Urethane O-ring Size -011.	

GlobalJET


GlobalJET Nozzle Assemblies

PART #	DESCRIPTION
O316570-12	GlobalJET Nozzle Assembly, Sapphire, 0.012 in. (0.30 mm) with Mixing Tube.
O316570-15	GlobalJET Nozzle Assembly, Sapphire, 0.015 in. (0.38 mm) with Mixing Tube.
O319270-11	GlobalJET Nozzle Assembly, Sapphire, 0.011 in. (0.28 mm).
O319270-12	GlobalJET Nozzle Assembly, Sapphire, 0.012 in. (0.30 mm).
O319270-15	GlobalJET Nozzle Assembly, Sapphire, 0.015 in. (0.38 mm).




GlobalJET Nozzle Assemblies Water Only

PART #	DESCRIPTION
O319300-11	GlobalJET Size 0.011 in. (0.28 mm) Sapphire Water Only Nozzle Assembly.
O319300-12	GlobalJET Size 0.012 in. (0.30 mm) Sapphire Water Only Nozzle Assembly.
O319300-15	GlobalJET Size 0.015 in. (0.38 mm) Sapphire Water Only Nozzle Assembly.
O319310-11	GlobalJET Size 0.011 in. (0.28 mm) Diamond Water Only Nozzle Assembly.
O319310-12	GlobalJET Size 0.012 in. (0.30 mm) Diamond Water Only Nozzle Assembly.
O319310-15	GlobalJET Size 0.015 in. (0.38 mm) Diamond Water Only Nozzle Assembly.




Sapphire Orifice

PART #	DESCRIPTION
O318372-11	GlobalJET Size 0.011 in. (0.28 mm) Sapphire Orifice Assembly.
O318372-12	GlobalJET Size 0.012 in. (0.30 mm) Sapphire Orifice Assembly.
O318372-15	GlobalJET Size 0.015 in. (0.38 mm) Sapphire Orifice Assembly.




Diamond Orifice

PART #	DESCRIPTION
O318828-11	GlobalJET Size 0.011 in. (0.28 mm) Diamond Orifice Assembly.
O318828-12	GlobalJET Size 0.012 in. (0.30 mm) Diamond Orifice Assembly.
O318828-15	GlobalJET Size 0.015 in. (0.38 mm) Diamond Orifice Assembly.




Replacement Parts

PART #	DESCRIPTION
O318370	GlobalJET Water Only Nozzle Head Nut.
O318371	GlobalJET Dummy Orifice.
O318862	GlobalJET Nozzle Body with Mixing Chamber.
O316500	GlobalJET Nozzle Body with Bonded in Mixing Chamber.







Spares Kits

PART #	DESCRIPTION
O316626-12	GlobalMAX Nozzle Spares Kit Size 0.012 in. (0.30 mm).
O316626-15	GlobalMAX Nozzle Spares Kit Size 0.015 in. (0.38 mm).










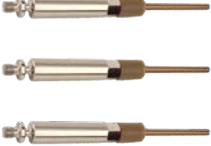
Repair Kits

Repair Kits

PART #	DESCRIPTION	
O308308	<p>EnduroMAX Pump Minor Maintenance Kit. Kit contains 6 each O308104, 6 each O300640, 6 each O200904, 3 each O202398, 3 each O200913, 3 each O300745, 2 each O200377, 3 each O302948, 1 each O202496, and 1 each O304104.</p>	
O308281	<p>EnduroMAX Pump Major Maintenance Kit. Kit contains 1 each O308308 and 3 each 308107.</p>	
O308309	<p>EnduroMAX Pump Extended Spares Kit. Kit contains 1 each O308105, 1 each O308144, 1 each O308103, and 1 each O306805.</p>	
O312500	<p>Pony Rod Seal Kit. Kit contains 6 each O201813, 3 each O201810, 3 each O201500, and 3 each O203474 for maintenance after original Meyers pony rod seal housings have been replaced. Cup Seal Tool O207471 will be needed for installation of the cup seal.</p>	

Pump Parts

Assemblies

PART #	DESCRIPTION	
O302948	Seal and Retainer Assembly Package.	
O308103	Check Valve Body Assembly. Replacement for P/N O308481 and O308102.	
O317917	EnduroMAX Pressure Manifold Assembly. Complete wet end Manifold Assembly, pressure tested with both Port Adapter Assemblies and filter installed. Replacement for P/N O307551.	
O307550	EnduroMAX Port Adapter Assembly. Port Adapter with the Filter Adapter and O-ring installed.	
O304104	Manifold Fitter Assembly. Used in the pressure manifold for OMAX and EnduroMAX Pumps.	
O304399	Plunger Rod Assembly. Replacement for P/N O303160.	
O307556	EnduroMAX Coolant Housing Assembly.	
O304885	Plunger Rod Assembly. Kit contains 3 each O304399.	


















Pump Parts

Replacement Parts

PART #	DESCRIPTION	
O200377	Urethane O-ring Size -012. Available in kits O302950, O303019, and O302700.	
O200888	Hex Head Screw 5/8 X 3 in.	
O200889	Hex Nut 5/8 in. Used on Bare Shaft of all pumps.	
O200890	Lock Washer 5/8 in. Used on Bare Shaft of all pumps.	
O200904	Black Ceramic Ball 1/4 in. Used in check and safety valves. Also available in kits O305836, O301353, O308308.	
O200913	Internal Snap Ring 9/16 in.	
O201233	Hex Head Screw 1/2 x 1 3/4 in.	
O201500	Nitrile O-ring Size -125.	
O201707	Urethane O-ring Size -015. Also available in kits O302950, O3030191 and O302700.	
O201813	22 mm U-Cup Seal. Used as pony rod piston seal on pumps.	
O202398	5/16 in. U-Cup Seal.	
O203883	Push-In Reducer 5/16 - 1/8 in.	
O203884	Push-In Elbow 1/8 in.	
O204002	Hex Head Screw M8 x 16 mm.	
O205689	Button Head Screw M12 x 20 mm.	
O207853	Socket Head Cap Screw 10 x 3/4 in.	
O209614	Screw, Socket Head Cap, Metric, M16 x 35 mm. Used on high-pressure manifold. Replacement for P/N O309061.	





Pump Parts

Replacement Parts

PART #	DESCRIPTION	
O209695	Flanged Pump Nut. Used on the Adapter Block Stud of OMAX pumps. Replacement for O305942 and O307674. Review technical manual for torque sequence and application of anti-seize.	
O300640	Check Valve Seat.	
O300745	Seal Retainer Sleeve.	
O300753	Plunger Cover Plate.	
O302949	Seal Retainer.	
O302951	Dynamic Seal. Also available in kits O302950, O303019, and O302700.	
O304098	Manifold Filter Adapter.	
O306748	EnduroMAX Liquid Displacer. Used on all EnduroMAX Pumps. Should be replaced every 2,500 hours or when lip diameter is out of specification.	
O306750	EnduroMAX Adapter Block Stud.	
O306773	EnduroMAX Port Adapter.	
O306805	EnduroMAX Manifold Nipple. Used in EnduroMAX pump manifold, also available as complete assembly O307548.	
O307519	EnduroMAX Coolant Block.	
O307663	Inlet Check Valve Retainer Nut.	
O307726	Manifold End Cap Washer.	
O308104	Check Valve Retainer.	
O308105	EnduroMAX High-Pressure Cylinder.	
O308107	EnduroMAX Backup Ring Assembly.	









Pump Parts

Replacement Parts

PART #	DESCRIPTION	
O308144	EnduroMAX High-Pressure End Cap.	
O312345	Seal Housing. Used in the Pony Rod Seal Assembly upgrades of OMAX Pumps.	
O308111-1	Manifold Bracket Right.	
O308111-2	Manifold Bracket Left.	


Pump Parts

Dump Valves


PART #	DESCRIPTION	
O304419-05	Excess Flow Dump Valve, .005 in. (0.13 mm) Orifice. Used to drain excess flow from an OMAX system, preventing dead heading of the OMAX pump when an orifice less than 0.010 in. ID is used.	
O304419-10	Excess Flow Dump Valve, .010 in. (0.25 mm) Orifice. Used to drain excess flow from an OMAX system, preventing dead heading of the OMAX pump when an orifice less than 0.010 in. ID is used.	
O312487	Excess Flow Valve Kit, Adjustable Dump Orifice.	
O306476	Body Assembly, Adjustable Dump Orifice.	
O306500	Rebuild Kit, Body Assembly, Adjustable Dump Orifice.	
O301501	OMAX Integrated On/Off Valve Assembly.	
O320552	Integrated On/Off Valve Assembly. Used in the Adjustable Dump Orifice and Excess Flow Valve on EnduroMAX 5-Series pumps. For OptiMAX systems only.	
O320559	Motorized Adjustable Dump Orifice (MADO). Used to automatically adjust pump pressure. Used in EnduroMAX 5-Series pumps. For OptiMAX systems only.	

Pump Parts


Dump Valve Orifices

PART #	DESCRIPTION	
O302029-13	Orifice Assembly, Dump Valve, Inverted Jewel, 0.013 in. (0.33 mm).	
O302028-05	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.005 in. (0.13 mm).	
O302028-07	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.007 in. (0.18 mm).	
O302028-09	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.009 in. (0.23 mm).	
O302028-11	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.011 in. (0.28mm).	
O302028-12	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.012 in. (0.30 mm).	
O302028-13	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.013 in. (0.33 mm).	
O302028-14	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.014 in. (0.36 mm).	
O302028-16	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.016 in. (0.41 mm).	

Filters





PART #	DESCRIPTION	
O304104	Manifold Filter Assembly. Used in the pressure manifold for OMAX and EnduroMAX Pumps.	
O202533	Water Prefilter Cartridge 1 micron 10 in. (254 mm).	
O202532	Fine Water Filter Cartridge 0.45 micron 10 in. (254 mm).	
O203739	Fluted Air Filter 8 x 8 in. 5 Pack. Package of 5 each. This is the replacement filter for the electrical box on EnduroMAX pumps.	
O204081	Fluted Air Filter 8 x 8 in. This is the replacement filter for the electrical box on EnduroMAX pumps.	

Tools

PART #	DESCRIPTION	
O207471	Cup Seal Tool.	
O301578	Check Valve Body Tool.	
O322007	Seal Retainer Wrench. For use with EnduroMAX 5-Series pumps. For OptiMAX systems only.	









Maintenance Kits

Maintenance Kits

PART #	DESCRIPTION	
O308308	<p>EnduroMAX Pump Minor Maintenance Kit.</p> <p>EnduroMAX Pumps require alternating minor and major rebuilds, beginning with minor rebuild first. Kit contains 6 each O308104, 6 each O300640, 6 each O200904, 3 each O202398, 3 each O200913, 3 each O300745, 2 each O200377, 3 each O302948, 1 each O202496, and 1 each O304104.</p>	
O308281	<p>EnduroMAX Pump Major Maintenance Kit.</p> <p>EnduroMAX Pumps require alternating minor and major rebuilds, beginning with minor rebuild first. Kit contains 1 each O308308 and 3 each O308107.</p>	
O308457	<p>EnduroMAX Pump Basic Spares Kit.</p> <p>Kit contains most often required parts for pump maintenance of EnduroMAX pumps. Kit contains 1 each O308107, 1 each O304399, 2 each O202532, 2 each O202533, 1 each O201304, 1 each O202496, and 1 each O308308.</p>	
O312500	<p>Pony Rod Seal Kit.</p> <p>Kit contains 6 each O201813, 3 each O201810, 3 each O201500, and 3 each O203474 for maintenance after original Meyers pony rod seal housings have been replaced. Cup Seal Tool O207471 will be needed for installation of the cup seals.</p>	




















Maintenance Kits

Assemblies

PART #	DESCRIPTION	
O307550	EnduroMAX Port Adapter Assembly. Port Adapter with the Filter Adapter and O-ring installed.	
O308103	Check Valve Body Assembly.	
O302948	Seal and Retainer Assembly Package.	
O307556	EnduroMAX Coolant Housing Assembly.	
O304399	Plunger Rod Assembly Kit. Kit contains 3 each O304399.	
O308107	EnduroMAX Backup Ring Assembly.	
O317917	Manifold Assembly with Port Adapters. Complete wet end Manifold Assembly with both Port Adapter Assemblies and filter installed. Replacement for P/N O307551.	
O307549	EnduroMAX Manifold. This is the replacement for P/N O306772. This the same manifold with plastic caps for shipping.	



















Replacement Parts

Replacement Parts

PART #	DESCRIPTION	
O200067	Flat Washer M8.	
O200106	High-Pressure Collet 3/8 in.	
O200107	Screw, Socket Head Cap, Metric, M8 x 16 mm.	
O200111	Screw, Socket Head Cap, Metric, M6 x 45 mm.	
O200377	Urethane O-ring Size -012. Also available in kits O302950, O303019, and O302700.	
O200515	Brass Connector 1/4 in.	
O200778	Plug Fitting 3/8 in. Requires O200106 Slotted Collet.	
O200888	Hex Head Screw 5/8 x 3 in.	
O200889	Hex Nut 5/8 in. Used on Bare Shaft of all pumps.	
O200890	Lock Washer 5/8 in. Used on Bare Shaft of all pumps.	
O200904	Black Ceramic Ball 1/4 in. Available in kits O305836, O301353, and O308308.	
O200913	Internal Snap Ring 9/16 in.	
O201233	Hex Head Screw 1/2 x 1 3/4 in.	
O201500	Nitrile O-ring Size -125.	
O201707	Urethane O-ring Size -015. Available in kits O302950, O303019, and O302700.	
O201813	22 mm U-Cup Seal. Used as pony rod piston seal on pumps.	
O202398	5/16 in. U-Cup Seal.	
O203883	Push-In Reducer 5/16 - 1/8 in.	
O203884	Push-In Elbow 1/8 in.	






Replacement Parts

Replacement Parts

PART #	DESCRIPTION	
O204929	Hex Head Screw M8 x 20 mm.	
O205689	Button Head Screw M12 x 20 mm.	
O207853	Screw, Socket Head Cap, SAE, 10 x 3/4 in.	
O209614	Screw, Socket Head Cap, Metric, M16 x 35 mm.	
O209695	Flanged Pump Nut.	
O300640	Check Valve Seat.	
O300745	Seal Retainer Sleeve.	
O300753	Plunger Cover Plate.	
O302949	Seal Retainer.	
O302951	Dynamic Seal. Available in kits O302950, O303019, and O302700.	
O304098	Manifold Filter Adapter.	
O304104	Manifold Filter Assembly. Used in the pressure manifold for OMAX and EnduroMAX Pumps.	
O306748	EnduroMAX Liquid Displacer. Used on all EnduroMAX Pumps.	
O306750	EnduroMAX Adapter Block Stud.	
O306773	EnduroMAX Port Adapter.	
O306805	EnduroMAX Manifold Nipple. Available as complete assembly O307548.	
O307663	Inlet Check Valve Retainer Nut.	
O307726	Manifold End Cap Washer.	





Replacement Parts

Replacement Parts



PART #	DESCRIPTION	
O308104	Check Valve Retainer.	
O308105	EnduroMAX High-Pressure Cylinder.	
O308144	EnduroMAX High-Pressure End Cap.	
O308793	Tube Baffle. Used in Meyers crankcase.	
O312345	Seal Housing. Used in the Pony Rod Seal Assembly upgrades of OMAX Pumps.	

Dump Valves/Dump Valve Orifices

Dump Valves





PART #	DESCRIPTION	
O304419-05	Excess Flow Dump Valve, 0.005 in. (0.13 mm) Orifice. Used to drain excess flow from an OMAX system, preventing dead heading of the OMAX pump when an orifice less than 0.010 in. ID is used.	
O304419-10	Excess Flow Dump Valve, 0.010 in. (0.25 mm) Orifice. Used to drain excess flow from an OMAX system, preventing dead heading of the OMAX pump when an orifice less than 0.010 in. ID is used.	
O312487	Excess Flow Valve Kit, Adjustable Dump Orifice.	
O306476	Body Assembly, Adjustable Dump Orifice.	
O306500	Rebuild Kit, Body Assembly, Adjustable Dump Orifice.	

Dump Valve Orifices

PART #	DESCRIPTION	
O302029-13	Orifice Assembly, Dump Valve, Inverted Jewel, 0.013 in. (0.33 mm).	 
O302028-05	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.005 in. (0.13 mm).	
O302028-07	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.007 in. (0.18 mm).	
O302028-09	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.009 in. (0.23 mm).	
O302028-11	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.011 in. (0.28 mm).	
O302028-12	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.012 in. (0.30 mm).	
O302028-13	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.013 in. (0.33 mm).	
O302028-14	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.014 in. (0.36 mm).	
O302028-16	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.016 in. (0.41 mm).	



Filters

Filters

PART #	DESCRIPTION	
O202533	Water Prefilter Cartridge 1 micron 10 in. (254 mm).	
O202532	Fine Water Filter Cartridge 0.45 micron 10 in. (254 mm).	
O203739	Fluted Air Filter 8 x 8 in. 5 Pack. Package of 5 each. This is the replacement filter for the electrical box on EnduroMAX pumps.	
O204081	Fluted Air Filter 8 x 8 in. This is the replacement filter for the electrical box on EnduroMAX pumps.	

Maintenance Kits

Maintenance Kits


















PART #	DESCRIPTION	
O319205	GlobalMAX 10 HP. Pump Minor Rebuild Kit. Kit includes 1 each O314489, O201304, O202563, O208226, O208229, O302692, O317514, O317666, O318019, 3 each O202545, O208253, O314457, O314460, O316473, O208990, 6 each O208228, and 8 each O208234.	
O319206	GlobalMAX 10 HP. Pump Major Rebuild Kit. Kit includes 1 each O319205, 3 each O314967, 3 each O314482, 1 each O318020, 1 each O318664, 1 each O209256, and 1 each O202496.	
O312500	Pony Rod Seal Kit. Kit contains 6 each O201813, 3 each O201810, 3 each O201500, and 3 each O203474 for maintenance after original Meyers pony rod seal housings have been replaced. Cup Seal Tool O207471 will be needed for installation of the cup seals.	

Assemblies

PART #	DESCRIPTION	
O314482	Backup Ring Assembly.	
O318020	Cylinder Manifold Block Assembly.	
















Replacement Parts

Replacement Parts

PART #	DESCRIPTION	
O314442	Pony Rod Adapter Sleeve.	
O314967	Pump Plunger Rod Assembly.	
O314437	Adapter Block to Crankcase.	
O314436	Washer, .546 in. ID x .4 in. ID x .125 in.	
O314435	Screw.	
O316473	GlobalMAX 10 HP Dynamic Seal Package. Kit contains 1 each O314461, O200362, O314459, and O200910.	
O314458	Liquid Displacer.	
O314443	Inlet Keeper.	
O314460	Check Valve to Cylinder Seal.	
O200909	Urethane O-ring Size -017.	
O208228	5mm Ball.	
O318019	Check Valve Manifold.	
O202545	Urethane O-ring Size -011.	
O314457	Check Valve Backup Ring.	
O318664	Outlet Manifold.	
O208234	Washer.	
O209140	Screw.	

Replacement Parts

Replacement Parts

PART #	DESCRIPTION	
O318379	Compact Safety Valve Assembly. Replaces O317572. Only for use in 10 HP pump.	
O201274	Push-In Plug 1/4 in.	
O208253	U-Cup Seal.	
O314489	Flat Washer.	
O208990	Retaining Ring, 9/16 in.	
O201296-35	Stainless Steel Orifice Size 0.035 in.	
O201217	Push-In Swivel Elbow 1/4 in.	
O200362	Urethane O-ring Size -010.	
O200910	Urethane O-ring Size -013.	
O317514	Filter Assembly.	
O208229	O-ring, -08.	
O200377	Urethane O-ring Size -012. Also available in kits O3029511, O303019, and O302700.	
O208226	Retaining Ring, 3/8 in.	
O317665	Back-up Ring.	
O317666	Port Adapter Seal.	

Dump Valves/Dump Valve Orifices/Filters

Dump Valves

PART #	DESCRIPTION	
O304419-05	Excess Flow Dump Valve, .005 in. (0.13 mm) Orifice. Used to drain excess flow from an OMAX system, preventing dead heading of the OMAX pump when an orifice less than 0.010 in. ID is used.	
O304419-10	Excess Flow Dump Valve, .010 in. (0.25 mm) Orifice. Used to drain excess flow from an OMAX system, preventing dead heading of the OMAX pump when an orifice less than 0.010 in. ID is used.	
O312487	Excess Flow Valve Kit, Adjustable Dump Orifice.	
O306476	Body Assembly, Adjustable Dump Orifice.	
O306500	Rebuild Kit, Body Assembly, Adjustable Dump Orifice.	

Dump Valve Orifices

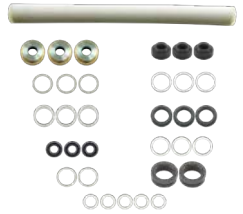

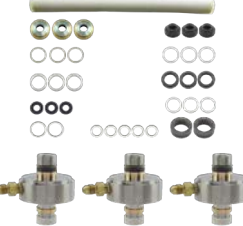


PART #	DESCRIPTION	
O302029-13	Orifice Assembly, Dump Valve, Inverted Jewel, 0.013 in. (0.33 mm).	
O302028-05	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.005 in. (0.13 mm).	
O302028-07	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.007 in. (0.18 mm).	
O302028-09	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.009 in. (0.23 mm).	
O302028-11	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.011 in. (0.28 mm).	
O302028-12	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.012 in. (0.30 mm).	
O302028-13	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.013 in. (0.33 mm).	
O302028-14	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.014 in. (0.36 mm).	
O302028-16	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.016 in. (0.41 mm).	

Filters

PART #	DESCRIPTION	
O202532	Fine Water Filter Cartridge 0.45 micron 10 in.	
O317514	Filter Assembly.	






Maintenance Kits

Maintenance Kits

PART #	DESCRIPTION	
O302700	<p>Minor Maintenance Kit. Kit includes 3 each O302244, 1 each O304104, 2 each O200377, 3 each O300733, 3 each O200909, 3 each O301635, 3 each O302950, 3 each O301639, 3 each O202398, 2 each O300726, and 2 each O200905.</p>	
O302701	<p>Major Maintenance Kit. Kit includes 1 each O302700, 3 each O301873, 1 each O301353, 1 each O202496, and 3 each O303274. Note: O303274 CANNOT be installed on older pumps as it will roll and crack and leak.</p>	
O305098	<p>Complete Pump Overhaul Kit. Kit includes 1 each O302700 and 3 each O303401.</p>	
O304885	<p>Plunger Rod Assembly Kit. Kit contains 3 each O304399.</p>	
O312500	<p>Pony Rod Seal Kit. Kit contains 6 each O201813, 3 each O201810, 3 each O201500, and 3 each O203474 for maintenance after original Meyers pony rod seal housings have been replaced. Cup Seal Tool O207471 will be needed for installation of the cup seals.</p>	


















Assemblies

Assemblies

PART #	DESCRIPTION	
O301350	Manifold.	
O306187	Clamp Plate Assembly.	
O302244	Backup Ring Assembly.	
O302981	Coolant Housing Assembly. Used with one piece plunger. Replacement for P/N O300743.	
O302948	Seal and Retainer Assembly Package.	
O304399	Plunger Rod Assembly.	
O300728	OMAX Port Adapter Assembly. Port Adapter with the Filter Adapter, Static Seal, and O-rings installed.	
O303401	Check Valve Assembly.	

















Replacement Parts

Replacement Parts

PART #	DESCRIPTION	
O300729	OMAX Port Adapter.	
O200054	Screw, Socket Head Cap, Metric M8 x 40 mm.	
O200377	Urethane O-ring Size -012. Available in kits 302950, 303019, and 302700.	
O200515	Brass Connector 1/4 in.	
O200888	Hex Head Screw 5/8 x 3 in.	
O200889	Hex Nut 5/8 in. Used on Bare Shaft of all pumps.	
O200890	Lock Washer 5/8 in. Used on Bare Shaft of all pumps.	
O200904	Black Ceramic Ball 1/4 in. Used in check and safety valves. Also available in kits O305836, O301353, and O308308.	
O200905	Urethane O-ring Size -018.	
O200909	Urethane O-ring Size -017.	
O200913	Internal Snap Ring 9/16 in.	
O201215	Push-In Connector 1/4 in.	
O201217	Push-In Swivel Elbow 1/4 in.	
O201233	Hex Head Screw 1/2 x 1 3/4 in.	
O201277	Flat Washer 7/64 in.	
O201707	Urethane O-ring Size -015. Available in kits O302950, O303019, and O302700.	
O201754	Screw, Socket Head Cap, Metric M8-1.25 x 30 mm.	












Replacement Parts

Replacement Parts

PART #	DESCRIPTION	
O202398	5/16 in. U-Cup Seal.	
O202609	Spiral Retaining Ring 0.628 in.	
O300640	Check Valve Seat.	
O300726	Static Seal 0.622 in. ID. for Port Adapter Assembly.	
O300727	Static Backup Ring 0.8735 OD x 0.626 in. For Port Adapter Assembly.	
O300733	Static Seal 0.558 in. ID. for Check Valve Assembly.	
O300734	Screw, Socket Head Cap 4 x 3/8 in.	
O300735	Static Backup Ring. For Check Valve Assembly.	
O300737	OMAX Pump Cylinder Body. Used in wet end assembly of OMAX pump.	
O300745	Seal Retainer Sleeve.	
O300753	Plunger Cover Plate.	
O301635	Seal Ring 0.813 OD x 0.692 in. ID.	
O301639	Check Valve Inlet Ring Seal. Used in OMAX Pump Check Valve.	
O301872	Adapter Block.	
O301873	Check Valve Retainer.	
O302258	Wet End Alignment Support.	





Replacement Parts

Replacement Parts



PART #	DESCRIPTION	
O302949	Seal Retainer.	
O302951	Dynamic Seal. Available in kits O302950, O303019, and O302700.	
O303251	Check Valve Body.	
O303252	Check Valve Inlet Retainer. Retainer, Check Valve Inlet, Stainless Steel.	
O303274	Check Valve Inlet Internal Ring Seal. Used in OMAX Pump Check Valve.	
O303291	OMAX Adapter Block Stud.	
O303293	Check Valve Inlet Retainer Nut.	
O303294	Liquid Displacer.	
O304098	Manifold Filter Adapter.	
O304104	Manifold Filter Assembly. Used In the pressure manifold for OMAX and EnduroMAX Pumps.	
O209695	Flanged Pump Nut. Used on the Adapter Block Stud of OMAX pumps. Replacement for O305942 and O307674. Review technical manual for torque sequence and application of anti-seize.	

Dump Valves/Dump Valve Orifices

Dump Valves









PART #	DESCRIPTION	
O304419-05	Excess Flow Dump Valve, 0.005 in. (0.13 mm) Orifice. Used to drain excess flow from an OMAX system, preventing dead heading of the OMAX pump when an orifice less than 0.010 in. ID is used.	
O304419-10	Excess Flow Dump Valve, 0.010 in. (0.25 mm) Orifice. Used to drain excess flow from an OMAX system, preventing dead heading of the OMAX pump when an orifice less than 0.010 in. ID is used.	
O312487	Excess Flow Valve Kit, Adjustable Dump Orifice.	
O306476	Body Assembly, Adjustable Dump Orifice.	
O306500	Rebuild Kit, Body Assembly, Adjustable Dump Orifice.	

Dump Valve Orifices



PART #	DESCRIPTION	
O302029-13	Orifice Assembly, Dump Valve, Inverted Jewel, 0.013 in. (0.33 mm).	 
O302028-05	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.005 in. (0.13 mm).	
O302028-07	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.007 in. (0.18 mm).	
O302028-09	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.009 in. (0.23 mm).	
O302028-11	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.011 in. (0.28 mm).	
O302028-12	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.012 in. (0.30 mm).	
O302028-13	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.013 in. (0.33 mm).	
O302028-14	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.014 in. (0.36 mm).	
O302028-16	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.016 in. (0.41 mm).	

Filters/Tools

Filters


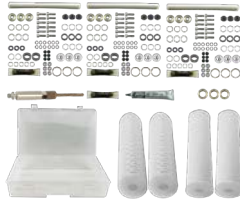
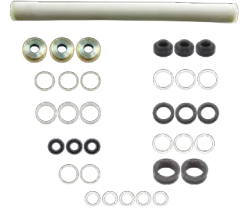




PART #	DESCRIPTION	
O203690	Suction Screen 3 in. (76.2 mm).	
O202533	Water Prefilter Cartridge 1 micron 10 in. (254 mm).	
O202532	Fine Water Filter Cartridge 0.45 micron 10 in. (254 mm).	
O202736	Round Air Filter 3.5 x 11.5 in. (88.9 x 292.10 mm). Used in OMAX V-Pump and legacy controllers.	
O200084	Round Air Filter 2.5 x 11.5 in. (63.5 x 292.10 mm). Used in computer cabinet.	
O304104	Manifold Filter Assembly. Used in the pressure manifold for OMAX and EnduroMAX Pumps.	
O203739	Fluted Air Filter 8 x 8 in. 5 Pack. Package of 5 each. This is the replacement filter for the electrical box on EnduroMAX pumps.	
O204081	Fluted Air Fitter 8 x 8 in. This is the replacement filter for the electrical box on EnduroMAX pumps.	

Tools

PART #	DESCRIPTION	
O301578	Check Valve Body Tool.	
O301644	Pump Seal Tool. Removal and Installation for Dynamic Seal.	

Maintenance Kits

Maintenance Kits

PART #	DESCRIPTION	
O303283	Basic MAXIEM 20HP/30HP Pump Spares Kit. Kit contains 3 each O300735, 1 each O304399, 2 each O202532, 2 each O202533, 1 each O201304, 1 each O202496, 2 each O302700, and 1 each O302701 in a plastic storage box.	
O305724	Basic MAXIEM 40HP Pump Spares Kit. Kit contains 3 each O300735, 1 each O304399, 2 each O202532, 2 each O202533, 1 each O201304, 1 each O202496, and 3 each O302701 with a plastic storage box.	
O302700	Minor Maintenance Kit. Kit includes 3 each O302244, 1 each O304104, 2 each O200377, 3 each O300733, 3 each O200909, 3 each O301635, 3 each O302950, 3 each O301639, 3 each O202398, 2 each O300726, and 2 each O200905.	
O302701	Major Maintenance Kit. Kit includes 1 each O302700, 3 each O301873, 1 each O301353, 1 each O202496, and 3 each O303274. Note: O303274 CANNOT be installed on older pumps as it will roll and crack and leak.	
O305098	Overhaul Kit. Kit includes 1 each O302700 and 3 each O303401.	
O304885	Plunger Rod Kit. Kit contains 3 each O304399.	
O312500	Pony Rod Seal Kit. Kit contains 6 each O201813, 3 each O201810, 3 each O201500, and 3 each O203474 for maintenance after original Meyers pony rod seal housings have been replaced, Cup Seal Tool O207471 will be needed for installation of the cup seals.	

Assemblies

Assemblies

PART #	DESCRIPTION	
O300728	Port Adapter Assembly. Port Adapter with the Filter Adapter, Static Seal, and O-rings installed.	
O301350	Pressure Manifold Assembly.	
O306187	Clamp Plate Assembly.	
O302244	Backup Ring Assembly.	
O302981	Coolant Housing Assembly. Used with one piece plunger. Replacement for P/N O300743.	
O302948	Seal and Retainer Assembly. Assembly Package, Seal and Retainer, Pump Seal.	
O304399	Plunger Assembly, Coupled Pony Rod. P/N O304885 is a kit containing 3 plunger assemblies at a lower cost than ordering 3 individual plungers. Replacement for P/N O303160.	
O311666	On/Off Valve Assembly.	
















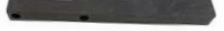

Replacement Parts

Replacement Parts

PART #	DESCRIPTION	
O300729	OMAX Port Adapter.	
O300727	Static Backup Ring Used in Port Adapter Assembly.	
O300726	Static Seal 0.622 in. ID. Used in Port Adapter Assembly.	
O200905	Urethane O-ring Size -018.	
O202609	Spiral Retaining Ring 0.628 in.	
O304098	Manifold Filter Adapter.	
O200377	Urethane O-ring Size -012. Also available in kits O302950, O303019, and O302700.	
O303401	Internal Inlet Check Valve Assembly.	
O303251	Check Valve Body. For full assembly, order P/N O303401.	
O300640	Check Valve Seat.	
O200904	Black Ceramic Ball 1/4 in. Also available in Safety Valve Rebuild Package P/N O305836, Check Valve Package P/N O301353.	
O301873	Check Valve Retainer.	
O201277	Flat Washer 7/64 in.	
O300734	SHCS 4 x 3/8 in.	
O300735	Static Backup Ring. Used in Check Valve Assembly.	
O300733	Static Seal 0.558 in. ID. Used in Check Valve Assembly.	


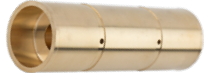













Replacement Parts

Replacement Parts

PART #	DESCRIPTION	
O200909	Urethane O-ring Size -017.	
O303252	Check Valve Inlet Retainer.	
O303293	Check Valve Inlet Retainer Nut.	
O303274	Check Valve Inlet Internal Ring Seal.	
O301639	Check Valve Inlet Ring Seal.	
O200515	Brass Connector 1/4 in.	
O300737	OMAX Pump Cylinder Body.	
O301872	Adapter Block.	
O303291	OMAX Adapter Block Stud.	
O201233	Hex Head Screw 1/2 x 1 3/4 in.	
O200888	Hex Head Screw 5/8 x 3 in.	
O200890	Lock Washer 5/8 in. Used on Bare Shaft of all pumps.	
O200889	Hex Nut 5/8 in. Used on Bare Shaft of all pumps.	
O301635	Seal Ring.	
O300753	Plunger Cover Plate.	
O302258	Wet End Alignment Support.	
O200054	Socket Head Cap Screw M8 x 40 mm.	

Replacement Parts

Replacement Parts

PART #	DESCRIPTION	
O201754	Socket Head Cap Screw M8 x 30 mm.	
O303294	Liquid Displacer. Used with Check Valve P/N O303401.	
O303401	Internal Inlet Check Valve Assembly.	
O304104	Manifold Filter Assembly. Used in the pressure manifold.	
O307674	Washer, Stud. Replacement for P/N O308441.	
O300744	Bushing Housing.	
O202398	5/16 in. U-Cup Seal.	
O300745	Seal Retainer Sleeve.	
O200913	Internal Snap Ring 9/16 in.	
O201215	Push-In Connector 1/4 in.	
O201217	Push-In Swivel Elbow 1/4 in.	
O201707	Urethane O-ring Size -015.	
O302951	Dynamic Seal. Also available in kits O302950, O303019, and O302700.	
O200377	Urethane O-ring Size -012. Also available In kits O302950, O303019, and O302700.	
O302949	Seal Retainer. Also available In kits O302950, O303019, and O302700.	

Dump Valves/Dump Valve Orifices

Dump Valves








PART #	DESCRIPTION	
O304419-05	Excess Row Dump Valve, 0.005 in. (0.13 mm) Orifice. Used to drain excess flow from an OMAX system, preventing dead heading of the OMAX pump when an orifice less than 0.010 in. ID is used.	
O304419-10	Excess Row Dump Valve, 0.010 in. (0.25 mm) Orifice. Used to drain excess flow from an OMAX system, preventing dead heading of the OMAX pump when an orifice less than 0.010 in. ID is used.	
O312487	Excess Row Valve Kit, Adjustable Dump Orifice.	
O306476	Body Assembly, Adjustable Dump Orifice.	
O306500	Rebuild Kit, Body Assembly, Adjustable Dump Orifice.	

Dump Valve Orifices



PART #	DESCRIPTION	
O302029-13	Orifice Assembly, Dump Valve, Inverted Jewel, 0.013 in. (0.33 mm).	
O302028-05	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.005 in. (0.13 mm).	
O302028-07	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.007 in. (0.18 mm).	
O302028-09	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.009 in. (0.23 mm).	
O302028-11	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.011 in. (0.28 mm).	
O302028-12	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.012 in. (0.30 mm).	
O302028-13	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.013 in. (0.33 mm).	
O302028-14	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.014 in. (0.36 mm).	
O302028-16	Orifice Assembly, Dump Valve, Inverted Jewel, Sapphire, 0.016 in. (0.41 mm).	

Filters/Tools

Filters




PART #	DESCRIPTION	
O203690	Suction Screen 3 in. (76.2 mm). Used in white water tank.	
O202533	Water Prefilter Cartridge 1 micron 10 in. (254 mm).	
O202532	Fine Water Filter Cartridge 0.45 micron 10 in. (254 mm).	
O202736	Round Air Filter 3.5 x 11.5 in. (88.9 x 292.10 mm).	
O304104	Manifold Filter Assembly. Used in the pressure manifold for OMAX and EnduroMAX Pumps.	
O203739	Fluted Air Filter 8 x 8 in. 5 Pack. Package of 5 each. This is the replacement filter for the electrical box on EnduroMAX pumps.	
O204081	Fluted Air Filter 8 x 8 in. This is the replacement filter for the electrical box on EnduroMAX pumps.	

Tools

PART #	DESCRIPTION	
301578	Check Valve Body Tool.	
301644	Pump Seal Tool. Removal and Installation for Dynamic Seal.	

Abrasive Systems & Polytubing

Abrasive Systems








PART #	DESCRIPTION	
O311315	Abrasive Valve Assembly 0.203 in. Valve Assembly, Abrasive, Orifice Size 0.203 in. Used with 7.5 and 15 lb. acrylic hoppers.	
O301729	Abrasive Valve Assembly 0.250 in. Valve Assembly, Abrasive, Orifice Size 0.25 in. Used with 25 lb. acrylic hoppers.	
O303273	Abrasive Valve Air Cylinder Air Cylinder, Abrasive Valve Assembly.	

Polytubing







PART #	DESCRIPTION	
O100100	Clear Polyurethane Tubing 1/4 in.OD x 3/16 in. ID. Tubing, Polyurethane, Clear, 1/4 OD x 3/16 in. ID (sold by the inch). This tubing is used to deliver the garnet from the acrylic abrasive hopper to the nozzle. The abrasive feed tube requires replacement when normal abrasive wear weakens the tubing.	
O201735	Abrasive Feed Tubing 3/16 in. OD Tubing, Polyurethane, Clear, 3/16 OD x 1/8 ID (sold by the inch) Used as abrasive feed tubing. The abrasive feed tube requires replacement when normal abrasive wear weakens the tubing.	
O100295	Clear Polyurethane Tubing 3/8 in. OD. Tubing, Polyurethane, Clear, 3/8 OD x 1/4 in. ID (sold by the inch). Used as abrasive feed tubing.	
O100742	Clear Polyurethane Tubing 5/16 in. OD. Tubing, Polyurethane, Clear, 5/16 OD x 3/16 in. ID (sold by the inch). Used as abrasive feed tubing. The abrasive feed tube requires replacement when normal abrasive wear weakens the tubing.	
O100556	Clear Polyurethane Tubing 1/2 in. OD. Tubing, Polyurethane, Clear, 1/2 OD x 3/8 in. ID (sold by the inch).	
O100443	Clear Reinforced Polyurethane Hose 3/4 in. OD. Hose, Polyester Reinforced Polyurethane, Clear, 3/4 OD x 1/2 in. ID, 195 PSI (sold by the inch).	
O100237	Clear Polyurethane Tubing 3/4 in. OD. Tubing, Polyurethane, Clear, 3/4 OD x 1/2 in. ID (sold by the inch).	
O302162	SRS Hopper Liner. Liner, Self-Dumping Hopper, Low-Density Polyethylene, Clear, 4 mm , 49 x 45 x 41 in. Used in the Self-Dumping Hopper of the Solids Removal System.	

Tubing/Swivels

Tubing





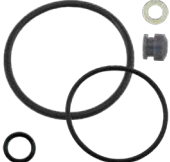






PART #	DESCRIPTION	
O303245	U-Bend Nipple 8.125 in. (206.38 mm). Used in Z-axis Assembly, Dual Y-Cartridge of 55100, and Nozzle Inlet Valve.	
O301909	Gooseneck Nipple 40 in. (1016 mm). Used in Hard Plumbing Assembly of 55100.	
O303547	Coiled Nipple 36 in. (914.4 mm). Used in TiltajET Assembly for 2626, 2652, and 55100 machines.	
O304613	Coiled Nipple 33.75 in. (857.25 mm). Used in TiltajET Assembly for Cantilevered Scissor Machine.	
O303608	Coiled Nipple 40 in. (1016 mm). Used in TiltajET Assembly for 80160, 60120, 80X series and 120X series machines.	
O308639	A-Jet Nipple Assembly.	
O318129	Nipple Assembly. Used in VersaJET on OptiMAX systems only.	

Swivels

PART #	DESCRIPTION	
O301665	Bulkhead Swivel Repair Package. Used to replace the seals and O-rings in a leaky bulkhead swivel. This kit contains 2 each O201721, 2 each O201722, 2 each O201723, 2 each O201724, 2 each O201725, and instructions for rebuilding the bulkhead swivel.	
O304507	High-Pressure Swivel Assembly. Rebuild Kit available as P/N O305088.	
O308620-1	Dual Port Swivel with Side Ports. Swivel Assembly, Dual Port, 2 Side Ports.	
O308620-2	Dual Port Swivel with Side Ports and End Ports. Swivel Assembly, Dual Port, 1 Side and 1 End Port .	
O308620-3	Dual Port Swivel with End Ports. Swivel Assembly, Dual Port, 2 End Ports.	
O309882-1	Dual Axis Swivel with Side Ports. Swivel Assembly, Dual Axis, Dual Port, 2 Side Ports.	

Swivels

Swivels

PART #	DESCRIPTION	
O309882-2	Dual Axis Swivel with Side and End Ports. Swivel Assembly, Dual Axis, Dual Port, 1 Side and 1 End Port.	
O309882-3	Dual Axis Swivel with End Ports. Swivel Assembly, Dual Axis, Dual Port, 1 Side and 1 End Port.	
O301792	Bulkhead Swivel Disc. Use with O201842 Bearing.	
O201719	Bulkhead Swivel Assembly, 3/8 in. straight.	
O305088	High-Pressure Swivel Rebuild Kit. Used to rebuild the High-Pressure Swivel (P/N O304507) this kit contains: 1 each O202965, 1 each O200914, 1 each O200210 , 1 each O201725, 1 each O304502, and printed instructions for rebuilding High-Pressure Swivel. Swivel tool P/N O201726 will be needed to perform rebuild.	
O308616	Dual Port Swivel Seal Replacement Package.	
O311849	Dual Axis Swivel Rebuild Kit. Contains O-rings and seal needed for rebuilding Dual Axis Swivel.	
O201724	Bulkhead Swivel Body Seal.	
O322145	Dual Axis HP Swivel Repair Tooling. For use with OptiMAX and bulkhead swivel.	
O301665	Bulkhead Swivel Repair Kit. Used to replace the seals and O-rings in a leaky bulkhead swivel. This kit contains: 2 each O201721 , 2 each O201722, 2 each O201723, 2 each O201724, 2 each O201725, and instructions for rebuilding the bulkhead swivel.	
O321998	Rebuild Kit, Multi-Access Swivel. Used to rebuild the Multi-Access Swivel found on scissor plumbing of OptiMAX machines only.	

Collets/Collars/Gland

Collets

PART #	DESCRIPTION	
O200094	High-Pressure Collet 1/4 in.	
O200106	High-Pressure Collet 3/8 in.	

Collars






PART #	DESCRIPTION	
O200788	High-Pressure Collar 1/4 in.	
O200274	High-Pressure Collar 3/8 in.	

Gland


PART #	DESCRIPTION	
O200097	Anti-Vibration Gland Nut 1/4 in.	
O200823	Anti-Vibration Gland Nut 3/8 in.	
O304996	High-Pressure Gland Nut 3/4 in.	

Adapters/RMS Adapters Female-Female

Adapters

PART #	DESCRIPTION	
O200785	High-Pressure Adapter 1/4 to 3/8 in. 1/4 in. Female to 3/8 in. Male, 60 KSI, 1/4 in. Gland and Collar.	
O203114	High-Pressure Adapter 1/4 x 3/8 in. Used on Honeywell High-Pressure Gauge.	
O201683	High-Pressure Adapter 3/8 in. Part of Motorised Z-axis Slave Kit and 60 KSI Transducer Kit.	
O307650	High-Pressure Adapter 5/16 x 3/4 in. Used on transducer assembly of EnduroMAX pumps and valve assembly of 100 HP pump.	
O201678	High-Pressure Coupling 3/8 in.	

RMS Adapters Female-Female

PART #	DESCRIPTION	
O308738-47	RMS Adapter F/F 0.047 in. In-line Adapter RMS, 0.047 in. Female to Female 3/8 in.	
O308738-43	RMS Adapter F/F 0.043 in. In-line Adapter RMS, 0.043 in. Female to Female 3/8 in.	
O308738-38	RMS Adapter F/F 0.038 in. In-line Adapter RMS, 0.038 in. Female to Female 3/8 in.	
O308738-36	RMS Adapter F/F 0.036 in. In-line Adapter RMS, 0.036 in. Female to Female 3/8 in.	
O308738-32	RMS Adapter F/F 0.032 in. In-line Adapter RMS, 0.032 in. Female to Female 3/8 in.	
O308738-28	RMS Adapter F/F 0.028 in. In-line Adapter RMS, 0.028 in. Female to Female 3/8 in.	
O308738-24	RMS Adapter F/F 0.024 in. In-line Adapter RMS, 0.024 in. Female to Female 3/8 in.	

RMS Adapters Female-Male/RMS Adapter Packages

RMS Adapters Female-Male

PART #	DESCRIPTION
O306174-47	RMS Adapter F/M 0.047 in. In-line Adapter RMS, 0.047 in. Female to Male 3/8 in.
O306174-43	RMS Adapter F/M 0.043 in. In-line Adapter RMS, 0.043 in. Female to Male 3/8 in.
O306174-38	RMS Adapter F/M 0.038 in. In-line Adapter RMS, 0.038 in. Female to Male 3/8 in.
O306174-36	RMS Adapter F/M 0.036 in. In-line Adapter RMS, 0.036 in. Female to Male 3/8 in.
O306174-32	RMS Adapter F/M 0.032 in. In-line Adapter RMS, 0.032 in. Female to Male 3/8 in.
O306174-28	RMS Adapter F/M 0.028 in. In-line Adapter RMS, 0.028 in. Female to Male 3/8 in.
O306174-24	RMS Adapter F/M 0.024 in. In-line Adapter RMS, 0.024 in. Female to Male 3/8 in.
O306485-2	RMS Adapter F/M 0.032 in. Dual Package. Adapter Package, RMS, In-line, 0.032 in. Female to Male 3/8 in. Contains 2 each adapter and instructions. Replacement for P/N O306174-32.
O306485-1	RMS Adapter F/M 0.032 in. Single Package. Adapter Package, RMS, In-line, 0.032 in. Female to Male 3/8 in. Contains 1 each adapter and instructions. Replacement for P/N O306174-32.



RMS Adapter Packages


PART #	DESCRIPTION
O309428-1	RMS Adapter Package 20 HP. In-line Adapter Package, 0.024 in. Female to Female 3/8 in. Contains 1 each adapter, 1 each Blue Goop, and installation instructions. Replacement for P/N O308738-24.
O309428-3	RMS Adapter Package 40 HP. In-line Adapter Package, 0.032 in. Female to Female 3/8 in. Contains 1 each adapter, 1 each Blue Goop, and installation instructions. Replacement for P/N O308738-32.
O309428-4	RMS Adapter Package 50 HP. In-line Adapter Package, 0.036 in. Female to Female 3/8 in. Contains 1 each adapter, 1 each Blue Goop, and installation instructions. Replacement for P/N O308738-36.
O309428 -5	RMS Adapter Package 80 HP. In-line Adapter Package, 0.043 in. Female to Female 3/8 in. Contains 1 each adapter, 1 each Blue Goop, and installation instructions. Replacement for P/N O308738-43.
O309428 -6	RMS Adapter Package 100 HP. In-line Adapter Package, 0.047 in. Female to Female 3/8 in. Contains 1 each adapter, 1 each Blue Goop, and installation instructions. Replacement for P/N O308738-47.



3/8 Inch Nipples/Tees/Elbows


3/8 Inch Nipples

PART #	DESCRIPTION
O301337-3	3/8 in. High-Pressure Nipple 3 in. (76.2 mm) Long.
O301337-3.5	3/8 in. High-Pressure Nipple 3.5 in. (88.9 mm) Long.
O301337-4	3/8 in. High-Pressure Nipple 4 in. (101.6 mm) Long.
O301337-4.5	3/8 in. High-Pressure Nipple 4.5 in. (114.3 mm) Long.
O301337-5	3/8 in. High-Pressure Nipple 5 in. (127 mm) Long.
O301337-5.3125	3/8 in. High-Pressure Nipple 5.3125 in. (135 mm) Long.
O301337-5.56	3/8 in. High-Pressure Nipple 5.56 in. (141.22 mm) Long.
O301337-6	3/8 in. High-Pressure Nipple 6 in. (152.4 mm) Long.
O301337-6.75	3/8 in. High-Pressure Nipple 6.75 in. (171.45 mm) Long.
O301337-7	3/8 in. High-Pressure Nipple 7 in. (177.8 mm) Long.
O301337-7.25	3/8 in. High-Pressure Nipple 7.25 in. (184.15 mm) Long.
O301337-12	3/8 in. High-Pressure Nipple 12 in. (304.8 mm) Long.
O301337-14	3/8 in. High-Pressure Nipple 14 in. (355.6 mm) Long.
O301337-16.750	3/8 in. High-Pressure Nipple 16.75 in. (425.45 mm) Long.
O301337-25	3/8 in. High-Pressure Nipple 25 in. (635 mm) Long.
O301337-26	3/8 in. High-Pressure Nipple 26 in. (660.4 mm) Long.
O301337-28	3/8 in. High-Pressure Nipple 28 in. (711.2 mm) Long.
O301337-31	3/8 in. High-Pressure Nipple 31 in. (787.4 mm) Long.
O301337-31.5	3/8 in. High-Pressure Nipple 31.5 in. (800.1 mm) Long.
O301337-32	3/8 in. High-Pressure Nipple 32 in. (812.8 mm) Long.
O301337-34.5	3/8 in. High-Pressure Nipple 34.5 in. (786.3 mm) Long.
O301337-41	3/8 in. High-Pressure Nipple 41 in. (1041.4 mm) Long.
O301337-43	3/8 in. High-Pressure Nipple 43 in. (1092.2 mm) Long.
O301337-48	3/8 in. High-Pressure Nipple 48 in. (1219.2 mm) Long.
O301337-65	3/8 in. High-Pressure Nipple 65 in. (1651 mm) Long.
O301337-92	3/8 in. High-Pressure Nipple 92 in. (2337 mm) Long.
O301337-143	3/8 in. High-Pressure Nipple 143 in. (3632.2 mm) Long.
O301337-168	3/8 in. High-Pressure Nipple 168 in. (4267.2 mm) Long.



Tees/Elbows

PART #	DESCRIPTION
O201526	High-Pressure Tee Fitting 3/8 in.
O201514	High-Pressure 90 Degree Fitting 3/8 in.
O201736	High-Pressure Cross Fitting 3/8 in.



Whips/Tools

Whips

PART #	DESCRIPTION
O304829-61	1/4 in. O.D x 61 in. (1549.4 mm) Long, Coned and Threaded. Used on Gen 1 MAXIEM 0707 for both X and Y.
O304829-96	1/4 in. O.D x 96 in. (2438.4 mm) Long, Coned and Threaded. Used on the 2652.
O304829-115	1/4 in. O.D x 115 in. (2921 mm) Long, Coned and Threaded. Used on the 2626.
O307103	1/4 in. O.D x 84 in. (2133.6 mm) Long, Coned and Threaded. Used on Gen 1 MAXIEM 1530 & 1515 both X and Y axis.
O311446-150.88	1/4 in. O.D x 150.88 in. (3832.352 mm) Long, Coned and Threaded. Used on Gen 2 MAXIEM 0707.
O311446-171.88	1/4 in. O.D x 171.88 in. (4365.752 mm) Long, Coned and Threaded. Used on Gen 2 MAXIEM 1515.
O311446-188.88	1/4 in. O.D x 188.88 in. (4797.552 mm) Long, Coned and Threaded. Used on Gen 2 MAXIEM 1530.










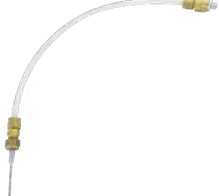


Tools

PART #	DESCRIPTION
O303647	Coning and Threading Tool Package 1/4 in.
O303648	Coning and Threading Tool Package 3/8 in.



Lubricants

Lubricants

PART #	DESCRIPTION	
O302692	Blue Goop Thread Lubricant. 2 oz. (56.7 grams) Tube. Used to lubricate high-pressure stainless steel to stainless steel connections in the pump or waterjet machine.	
O201304	Multipurpose Grease. 1 3/4 oz. (49.61 grams) Tube.	
O202335	Low Temperature Grease. Low Temperature, 14 oz. (397 grams) Cartridge, -65°F to 225°F (-53°C to 107°C).	
O202485	Extreme Pressure Lube #3. 4 oz. Tube.	
O202496	Extreme Pressure Lube #3 Single Use.	
O202563	Anti-Seize Lubricant. 1 oz. (28.35 grams) Tube.	
O309325	High Temperature Grease. Used for lead screw grease, replaces Jet Lube 550.	
O202633	Flexible Grease Needle.	
O202795	Grease Coupler 1/8 in.	
O306668	Grease Gun.	

Muff & Splash Guards

Muff & Splash Guards

PART #	DESCRIPTION	
O304954	Collision Sensing Terrain Follower Nozzle Muff.	
O300614	Nozzle Muff.	
O314895	GlobalMAX Nozzle Mini Splash Guard.	
O306438-R	Nozzle Splash Guard. The splash guard can be flipped up to check position and set standoff without having to remove it from the nozzle.	
O320585-1	Nozzle Splash Guard. The splash guard can be flipped up to check position and set standoff without having to remove it from the nozzle.	
O320585-2	Collision Sensing Terrain Follower Nozzle Splash Guard.	
O307035	7/15 Mini MAXJET 5 Nozzle Muff.	
O305068	Collision Sensing Terrain Follower. Kit contains 3 each cup brushes and 2 each nozzle muffs.	
O307910	Splash Guard. Used on VersaJET and A-Jet cutting head.	






Actuators

Actuators

PART #	DESCRIPTION	
O313545	Oil-Free Air Actuator - Normally Open. For MAXIEM Gen 2.	
O314002	Oil-Free Air Actuator - Pull to Open. For OMAX.	
O312827	Oil-Free Air Actuator. For MAXIEM Gen 1 and OMAX.	
O312828	PTO Actuator Assembly. Used in the O309786 and O311708 PTO Valve Assemblies. Only for Moto Z.	
O320250	Multipurpose Actuator Assembly. Used in A-Jet, O320552 Integrated On/Off Valve Assembly, and O321131 On/Off Valve for TiltajET cutting, and on VersaJET.	
O307843	A-Jet Nozzle Inlet Valve.	
O312856	OptiMAX Multipurpose Actuator Assembly. Used in the VersaJET on OptiMAX systems as well as O320552 and O321131.	








On/Off Valves

On/Off Valve Assembly

PART #	DESCRIPTION	
O301501	OMAX Integrated On/Off Valve Assembly.	
O303328	On/Off Valve Assembly. For use with Tiltajet.	
O320552	Integrated On/Off Valve Assembly. Used in the Fixed Cutting Head of OptiMAX systems.	
O307843	A-Jet Nozzle Inlet Valve.	
O318046	VersaJET On/Off Valve Assembly.	











On/Off Valves

Repair Kits

PART #	DESCRIPTION	
O303639	TiltaJET On/Off Valve Rebuild Kit. Use P/N O301927 for other nozzle assemblies.	
O301927	Integrated On/Off Valve Rebuild Kit. Rebuild Kit, Integrated On/Off Valve.	
O301259	Non-Integrated On/Off Valve Rebuild Kit.	
O307854	A-Jet PTO Valve Rebuild Kit.	
O305340	PTO Valve Rebuild Kit without TAJ. For Moto Z cutting heads.	
O307906	A-Jet On/Off Valve Rebuild Kit. Kit contains seals, stems, and seats for rebuilding the On/Off Valve of A-Jet.	
O305361	PTO Valve Rebuild Kit for Tiltajet.	

On/Off Valves

Replacement Parts

PART #	DESCRIPTION	
O301477	Integrated On/Off Valve Body.	
O303327	On/Off Valve Body.	
O320528	On/Off Valve Stem Retaining Screw.	
O300997	On/Off Valve Backup Ring Assembly.	
O302668	On/Off Valve Stem Assembly. Available in On/Off Valve Rebuild Kit P/N O301259.	
O302094	On/Off Valve Stem Seal Assembly. Available in On/Off Valve Rebuild Kit P/N O301259.	
O303326	On/Off Valve Seat. Used in Pull to Open Valve of TiltaJET.	
O301478	Integrated On/Off Valve Fitting Ring Seat.	
O300979	On/Off Valve Seat. Non-integrated. Available in On/Off Valve Rebuild Kit P/N O301259.	
O202545	Urethane O-ring Size -011. Goes between the mixing tube collet and the SBR nut.	
O201649	Nitrile O-ring Size -219. Goes around the valve gland nut P/N O301476.	
O301476	Pull to Open Valve Gland Nut.	

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