### KIT PART NUMBERS

<table>
<thead>
<tr>
<th>PUMP MODEL</th>
<th>HORSEPOWER SIZES</th>
<th>HP CHECK VALVE (POPPETS)</th>
<th>HP CHECK VALVE (BALL STYLE)</th>
<th>HYDRAULIC PISTON</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLIV, SLIV+, SLV</td>
<td>15-50 HP</td>
<td>N/A</td>
<td>05115951</td>
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<tr>
<td>SLV 75S &amp; 100S</td>
<td>75 &amp; 100 HP</td>
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<tr>
<td>SL &amp; SUI</td>
<td>40 &amp; 50 HP</td>
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</table>

### PUMP KIT NUMBERS

<table>
<thead>
<tr>
<th>KIT NUMBER</th>
<th>MODEL</th>
<th>HORSEPOWER SIZES</th>
<th>HYDRAULIC CARTRIDGE</th>
<th>HP PLUNGER SEAL &amp; REBUILD</th>
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</thead>
<tbody>
<tr>
<td>05130091</td>
<td>SLIV, SLIV+, SLV</td>
<td>15-60 HP</td>
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<td>05146584</td>
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<td>75 &amp; 100 HP</td>
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<td>SLII</td>
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<td>05115993</td>
<td>SL &amp; SLV</td>
<td>40 &amp; 50 HP</td>
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</tr>
</tbody>
</table>

**KMT Waterjet Replacement Parts**
- Immediate Shipment
- Made by Original Equipment Manufacturer
- Free Phone Technical Support

**THE SYMBOL OF QUALITY**

**STREAMLINE™ Intensifier Parts**
Original Equipment for High Performance
KMT Waterjet is a leading manufacturer of waterjet cutting systems and developer of “Cutting Edge Solutions” for customers in a very wide range of industries. The focus of the company is on intelligently developing systems and parts for ease of use and reliable operation by customers. The strength of the company is found in the strong waterjet experience (tracing back to 1971) of the employees, the largest network of system integrators in the world, the continual investment in research and development and the ability to use customer feedback. The world’s largest network of system integration and support people are available to assist with more information at any time.

For the best waterjet system and replacement parts, rely on the “Cutting Edge Solutions” delivered by KMT Waterjet.

The Value of Genuine KMT Replacement Parts
KMT understands the need to keep your waterjet machine at peak performance. For this reason the company uses the latest technology to make parts for new pumps and to retrofit and upgrade old pumps. By buying parts from KMT, you are assured of buying parts that are made using the newest technology available – even if the parts are for older machines. Working with KMT for Certified Genuine Parts has several additional benefits:

- KMT stocks parts for new and old pumps and for immediate shipment.
- KMT replacement parts are the same reliable parts as your high pressure system’s original parts.
- KMT replacement parts have a 6 month limited warranty.
- KMT waterjet technology is supported by trained, qualified and experienced aftermarket representatives.
- KMT stocks a comprehensive inventory of high quality genuine spare parts.
- KMT now provides instructional maintenance videos.
- Quick shipment of stock items in one business day or emergency same day delivery.
- KMT representatives are on hand 7 days a week to answer technical questions, ship parts and, if required, dispatch a field service technician for an emergency site visit.
- Emergency after hours support via a toll-free phone call at 1-800-826-9274.

Hydraulic Piston
What it does: The hydraulic piston, utilizing a reciprocating action, provides the power to drive the ceramic plungers pressurizing the water in each high pressure cylinder. The piston has an outer ring and band which enables efficient stroking.

When to replace: The hydraulic piston needs maintenance or replacement when hot oil leaks past the piston rings or seals and affects the life of the HP water seal and when the machine can no longer be cooled through normal means.

Hydraulic Cartridge
What it does: The hydraulic cartridge provides the barrier between the hydraulic oil chamber and the atmosphere. The ceramic plunger runs through this seal as it is driven by the hydraulic piston into the HP water cylinder.

When to replace: The hydraulic cartridge requires replacement when oil leakage exceeds recommended levels. A low oil level protection switch will shut the unit down before damage can occur.

Check Valve
What it does: Check valves can be ball or poppet style. There are two (2) on the end of each cylinder. One is for the water inlet, the other is for the high pressure water exit. The check valve assemblies regulate the flow of water to and from the high pressure cylinder to prevent water from escaping back out the inlet water holes.

When to replace: The check valve assembly is monitored by the intensifier control system and will notify the user with an alert on the Pump Control Panel.

Typical Hydraulic Piston Kit:

- Snap Ring
- Bearing Ring
- O-Ring
- Back Up Ring
- Seal Assy.
- Check Valve Cartridge

Typical Hydraulic Piston Kit:

- Seal Assembly - Seal Head
- O-Rings
- Check Valve

Typical Check Valve Kit:

- Valve - Seal Head
- O-Rings
- Back Up Ring
- Seal Assy.
- Check Valve Cartridge

Typical High Pressure Plunger Seal Kit
What it does: The patented high pressure plunger seals provide the barrier between the pressurized water in the high pressure cylinder and the atmosphere while the plunger rod constantly cycles through it.

When to replace: The plungers must be replaced when water leakage exceeds recommended levels.

Typical High Pressure Plunger Seal Kit:

- Valve - Seal Head
- O-Rings
- Seal Assy.
- Spring - Compression Bell End

Typical HP Plunger Seal Kit &
Typical HP Plunger Seal Rebuild Kit

- Valve - Seal Head
- O-Rings
- Spring - Compression Bell End