



Product & Knowledge

Repair Kits

For Standard Commercial / Parker Single-acting, Dump Body Cylinders.

Rebuilding kits consist of:

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| 1. Wiper Rings | 5. Piston Bearings |
| 2. Packing Assemblies | 6. Set Screws |
| 3. Gland Bearing Rings | 7. Nylon Balls |
| 4. Wave Springs | |

Repacking kits consist of:

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| 1. Wiper Rings | 2. Packing Assemblies |
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Ordering Information

Please order by part number

Cylinder Model	Rebuild Kit Number		Repack Kit Number	
S53 Series	A300-253	375-1804-017	A300-11	391-1804-020
S62 Series	A300-256	375-1804-020	A300-262	375-1804-026
S63 Series	A300-254	375-1804-018	A300-104	391-1804-109
S64 Series	A300-257	375-1804-021	A300-230	391-1804-237
S73 Series	A300-255	375-1804-019	A300-238	375-1804-002
S74 Series	A300-258	375-1804-022	A300-239	375-1804-003
S84 Series	A300-259	375-1804-023	A300-49	391-1804-054
S85 Series	A300-260	375-1804-024	A300-22	391-1804-060
S95 Series	A300-261	375-1804-025	A300-240	375-1804-004

As with all hydraulic repairs, be sure your shop is properly equipped and that the work area is clean.

Cylinder Packing Installation

Remove shims from packing set and measure packing height under finger pressure. Add one shim for each 1/32" that the packing measures under 1-1/8". Measure depth to top of stop ring from top of tube. This dimension should be 2-1/4", however, it may vary slightly due to seating of the stop ring. Add one shim to the packing set for every 1/32" that this dimension measures over 2-1/4" or remove one shim from the packing set for every 1/32" that this dimension measures under 2-1/4". Install wave spring with gap edge against top of the cylinder stop ring. Soak packing in hydraulic oil for a few minutes. (Check bottom adaptor. Only hard type can be used with the wave spring). Install packing, one ring at a time, in the proper sequence as shown in the sketch. Note: The soft, low pressure ring must be in the second position from the pressure side. Installed packing height need not be checked because wave spring will vary this dimension. Installation of bearing and

packing nut will compress wave spring for proper packing pre-load. Pull down tight against tube.

