



# TECH BULLETIN

**022**  
09/80

*Published regarding engineering changes and improvements*

**SUBJECT: O-Ring Repair Kit - 7001 - 7032 Regulators**

CPC Regulators have been made in both round and hex body shapes. Additionally, the hex design has design changes which have improved the performance and life of the valve. These changes cannot be identified externally.

To accommodate the various design changes, the O-ring kits include O-rings to service all variations within either the hex or round. Consequently, not all O-rings are required to repair a regulator.

To determine which style O-ring to use in the kit, compare the O-rings in the kit with the O-rings from the worn regulator. If the old O-ring is lost or too damaged to identify, start with the larger of the two similar O-rings. If the larger O-ring leaves a gap when installed on the piston, remove it and use the smaller size O-rings.

## O-RING KIT NUMBERS

Regulator PN	GPM	PSI	OLD STYLE	CURRENT STYLE
			Round	Hex
7001	0.5 - 5	100 - 1000	30770	<b>30771</b>
7002	0.5 - 5	500 - 2000	30772	<b>30771</b>
7003	0.5 - 5	1500 - 3000	30774	<b>30775</b>
7011	1.0 - 10	100 - 1000	30776	<b>30777</b>
7012	1.0 - 10	500 - 2000	30778	<b>30777</b>
7013	1.0 - 10	1500 - 3000	30780	<b>30781</b>
7014	2.0 - 1.0	1500 - 4000	—	<b>30796</b>
7021	2.5 - 25	100 - 1000	30782	<b>30783</b>
7022	2.5 - 25	500 - 2000	30784	<b>30793</b>
7023	2.5 - 25	1500 - 3000	30786	<b>30787</b>
7028	3.5 - 35	250 - 800	—	<b>30783</b>
7031	3.5 - 35	700 - 1000	—	<b>30783</b>
7032	3.5 - 35	1000 - 2000	—	<b>30783</b>

CAT PUMPS  
Technical Services Department

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