

TECH BULLETIN 120



Pressure Sensitive Regulating Unloader

Piston Stem O-Rings of Models 7537 and 7542

A design change was made to the piston stem, O-rings and backup-rings located at the stem end of the piston stem to improve the ease of servicing of pressure regulating unloaders models 7537 and 7542. The design improvement changed the piston stem to a new part number, which then required changing the existing O-ring and backup-ring (quantity of one each), to two (2) backup-rings and one (1) O-ring.

To determine the configuration of unloader, use figure #1 to verify the date stamp on the unloader. Another way is to use the two views as provided to determine the combination of O-rings and backup-rings.

Use the table to determine previous and current part numbers. The old and new parts cannot be interchanged; replace with a new piston stem and o-ring/backup-rings as a new set.

Date Stamp Location

Read as week/year

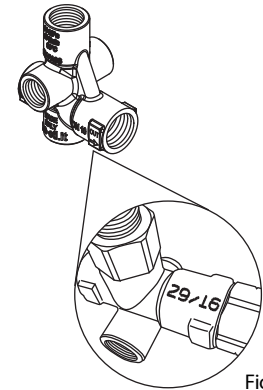


Figure #1

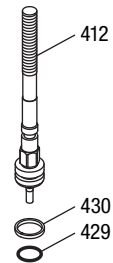
PREVIOUS PART NUMBERS

ITEM NUMBER	DESCRIPTION	PART NUMBER	QTY
412	Stem, Piston	76021	1
429	O-Ring	See Kit	1
430	Backup-Ring	See Kit	1
468	Kit, O-Ring (NBR)	76712	1
468	Kit, O-Ring (FPM)	76717	1

Previous Design

(Prior to week 41, 2016 - 7537)

(Prior to week 29, 2016 - 7542)



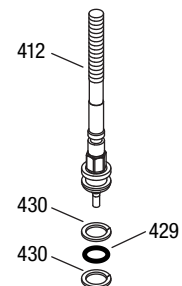
CURRENT PART NUMBERS

ITEM NUMBER	DESCRIPTION	PART NUMBER	QTY
412	Stem, Piston	76170	1
429	O-Ring	See Kit	1
430	Backup-Ring	See Kit	2
468	Kit, O-Ring (NBR)	76671	1
468	Kit, O-Ring (FPM)	76680	1

Current Design

(After week 41, 2016 - 7537)

(After week 29, 2016 - 7542)



Cat Pumps

Technical Services Department

99TCH120 Rev B 4/17