

TECH BULLETIN 098



Seal Retainers 15PFR Plunger Pumps

Retaining Ring/Seal Cases – Models: 650, 651, 660, 661, 1050, 1051, 1051C, 1057

Cat Pumps engineers have removed the retaining ring from the seal case on the 15PFR plunger pumps to ensure proper seating of the low-pressure seal and simplify servicing these pumps. The retaining ring groove for the seal case has been removed, and a new two-piece seal retainer has been introduced with an extended lip to rest against the back side of the low-pressure seals. The new 2-piece seal retainer holds the low-pressure seals and the wicks in place.



Note: Even though the 1530 and 1531 models did not use retaining rings or seal cases, a new 2-piece seal retainer has been introduced for these models as well.

When servicing pumps with old retaining rings, remove existing seal retainers with wicks and retaining rings and **DISCARD ALL THREE ITEMS.**

If the old-style seal case is in good condition, it can still be used with the new seal retainer and wick; **HOWEVER, DO NOT INSTALL THE OLD RETAINING RING.** If the old-style seal case is in poor condition, follow the chart below for a new seal case and seal retainer for your pump model.

Note: Effective January 2025 the seal retainer part number 855001 will no longer be included in seal kits.

Data Sheet Item Number	Old Part Number			New Part Number		
	PN	MTL	Description	PN	MTL	Description
100	43509	POP	Seal Retainer	855001	POP	Seal Retainer 2-Piece (650-1057)
—	—	—	—	899509	POP	Seal Retainer 2-Piece (1530 and 1531)
103	44036	S	Retaining Ring	—	—	—
120	49150	SSL	Seal Case (651 and 661)	49284	SSNP	Seal Case (651 and 661)
120	48464	SSNP	Seal Case (1051, 1051C, 1057)	49286	SSNP	Seal Case (1051, 1051C, 1057)
120	43555	BB	Seal Case (1050)	49290	BB	Seal Case (1050)
120	46065	BB	Seal Case (650 and 660)	49291	BB	Seal Case (650 and 660)

Material Codes: BB=Brass POP=Polypropylene S=304SS SSL=316SS Low Carbon SSNP=316SS/Nickel Plated

Cat Pumps

Technical Services Department

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