



# TECH BULLETIN

001  
03/75

*Published regarding engineering changes and improvements*

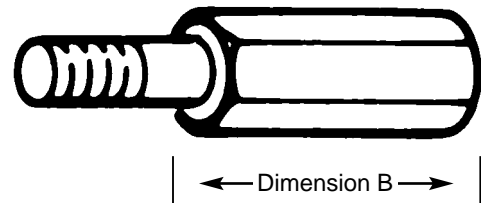
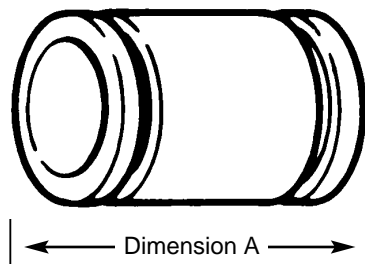
**SUBJECT:** Change from Long to Short Cylinders - 10 Frame

Early production 10 Frame pumps were produced with long cylinders. Production was then changed to the short cylinders. The long cylinders required a long cylinder bolt. The short cylinders require a short cylinder bolt. **The long and short cylinders and bolts cannot be interchanged and must be replaced as a set.**

As the long cylinders and bolts are no longer available, it is necessary to convert to the shorter cylinders and bolts.

Model 623 and 1010 pumps prior to 5740101 had the long cylinders. Model 820 pumps prior to 0740101 had long cylinders.

The following are the part numbers and dimensions for the various cylinder replacements.



	OLD		NEW	
<b><u>Dimension A</u></b>	<b>Long Cylinder</b>	2.164" (55 mm)	<b>Short Cylinder</b> 1.69" (50 mm)	
		Chrome Plated	Chrome	Unchromed
	<u>Pump Model</u>	<u>Part No.</u>	<u>Part No.</u>	<u>Part No.</u>
	520	—	28763	29045
	623	27349	28342	28776
<b><u>Dimension B</u></b>	<b>Long Cylinder Bolt</b>	3.05" (77.5 mm)	<b>Short Cylinder Bolt</b> 2.75" (69.9 mm)	
	<u>Pump Model</u>	<u>Part No.</u>	<u>Part No.</u>	
	All models	27351	43047	

CAT PUMPS  
Technical Services Department

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