



TECH BULLETIN

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03/75

Published regarding engineering changes and improvements

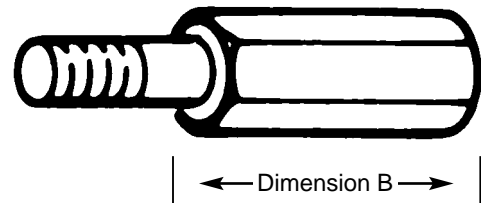
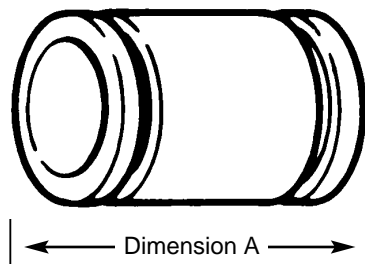
SUBJECT: Long to Short Cylinders Change - Piston Pumps

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
<u>Dimension A</u>	Long Cylinder 2.164" (55 mm)	Short Cylinder 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
820 27423	28340 28778	
1010 27416	28341 28780	
<u>Dimension B</u>	Long Cylinder Bolt 3.05" (77.5 mm)	Short Cylinder Bolt 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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