



# TECH BULLETIN

**047**  
10/86

*Published regarding engineering changes and improvements*

## SUBJECT: Blind Bearing-Shaft Cover

A new design bearing cover is being used on all pump models with the single extended shaft. On these new production models, the one-piece blind bearing-shaft cover design will be used in place of the individual bearing case and seal.

This change results in several advantages:

- eliminates the need for a shaft protector
- provides protection for the rotating shaft end
- prevents dust etc. from possibly entering through the shaft seal area
- holds the pump dimensions to a minimum
- maintains a clean, uniform pump body appearance

Following are the part numbers and effective dates for this design change:

OLD PART NUMBER						NEW PART NUMBER		
Frame	Standard Models	Shaft Protector	Crankshaft	Oil Seal	Bearing Cover	Crankshaft	Blind Cover	Effective Date Box Marking
3	279	25130	44924 Single Long	24159	27950	44973 Single Short	44972	HH 7860101
5	340 347 349.1 349.118	109692	43388 Single Long	43222	43344	44945 Single Short	44949	HH 7860101
7	510 *570 *590 519.1 519.118	43256	44701 Single Long	43222	43223	*44947 Single Short	*44948 Blind	HH D860101
7	589.1 589.118	43256	44670	43222	43223	44946 Single Short	44948 Blind	HH D860101

\* These models were limited production and replaced by 57 and 59 pumps and 59G1, 60G1 and 70G1 gearbox pump models with Blind Bearing Cover.

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Rev. 07/99

**OLD PART NUMBER****NEW PART NUMBER**

<b>OEM Models</b>	<b>Shaft Protector</b>	<b>Crankshaft</b>	<b>Oil Seal</b>	<b>Bearing Cover</b>
30	–	–	–	–
31	109692	44279	43465	43745
34	109692	44945	43465	43745
34.G1	109692	44945	43465	43745
35	109692	44270	43465	43745
51.G1	43256	44949	43465	43466
51.G118	43256	44947	43465	43466
53	43256	43219	43465	43466
55	43256	43219	43465	43466
58.G1	43256	44946	43465	43466
58.G118	43256	44946	43465	43466

<b>Crankshaft</b>	<b>Blind Cover</b>	<b>Effective Date Box Marking</b>
44923	44944	D910101
45911	44944	HH 7860101
44945	44944	HH 7860101
44945	44944	HH D860101
44270	44944	HH 7860101
44947	44967	HH 7860101
44947	44967	HH D860101
44233	44967	HH 7860101
44233	44967	HH D860101
44946	44967	HH D860101
44946	44967	HH D860101

The new blind cover is not directly interchangeable with the old crankshaft. Please check your pump serial number before ordering new parts. All orders for the old crankshaft part number will automatically be substituted with the new shorter extension crankshaft **and** blind cover.

**CAT PUMPS**

Technical Services Department