



TECH BULLETIN

092
03/03

Published regarding engineering changes and improvements

SUBJECT: Crankcase Change - 2SF-2SFX

After many thousands of pumps, the mold for the crankcase on the 2SF and 2SFX pumps has been replaced. All 2SF, 2SFX and stainless steel 2SF pump models will now feature a ribbed crankcase design like the style used on the new 3SP pumps.

With this crankcase change, there will be some corresponding parts that will also change. All new parts must be **replaced as a set** when replacing an old crankcase with the new crankcase.

This crankcase change will be phased in starting with March 2003 production pumps.

| Item No. | OLD CRANKCASE DESIGN | | | NEW CRANKCASE DESIGN | | |
|----------|----------------------|------|------------------------|----------------------|------|------------------------|
| | Part No. | MTL | Description | Part No. | MTL | Description |
| 5 | 89551 | STZP | Screw, HHC (M6x16) | 547161 | STCP | Screw, HH (M6x14) |
| 5 | 543686 | S | Screw, HHC (M6x16) | 547445 | S | Screw, HH (M6x14) |
| 6 | 150810 | NBR | Seal Washer | N/A | — | — |
| 8 | 44857 | AL | Cover, Bearing | 547153 | AL | Cover, Bearing |
| 10 | 14044 | NBR | O-Ring, Bearing Cover | 14041 | NBR | O-Ring, Bearing Cover |
| 11 | 44859 | NBR | Seal, Oil (Crankshaft) | 55337 | NBR | Seal, Oil (Crankshaft) |
| 53 | 541018 | AL | Crankcase | 547285 | AL | Crankcase |
| 53 | 45702 | AL | Crankcase | 547285 | AL | Crankcase |

CAT PUMPS
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