



TECH BULLETIN

062
05/92

Published regarding engineering changes and improvements

SUBJECT: Manifold and Seal Case Changes on 650-651

For simplicity in servicing, the collar was eliminated from the Model 650. Because of the higher 3000 PSI performance of this pump, we also changed from a Brass to a Nickel Aluminum Bronze Head.

650	Old Part Number	New Part Number
Manifold Head	43511 <i>BB</i>	43971 <i>A</i>
Collar.....	43518 <i>BB</i>	45050
Back-up Ring	43519 <i>PTFE</i>	43519
O-Ring.....	13984 <i>NBR</i>	14762 <i>NBR</i>
Seal Case.....	43512 <i>BB</i>	45050 <i>BB</i>
Spacer, Plunger	43505 <i>BB</i>	43505 <i>BB</i>

To further improve the serviceability of this model and eliminate the possibility of cutting the o-ring on the seal case during installation, the o-ring and back-up ring were eliminated.

650	Old Part Number	New Part Number
Manifold Head	43971 <i>NAB</i>	07910101 45975 <i>A</i>
O-Ring.....	13984 <i>NBR</i>	—
Back-up Ring	43519 <i>PTFE</i>	—
Seal Case.....	45050 <i>BB</i>	46065 <i>BB</i>
Spacer, Plunger	43505 <i>BB</i>	43505 <i>BB</i>

651	Old Part Number	New Part Number
Manifold Head	44379 <i>SS</i>	08900101 45976 <i>SS</i>
O-Ring.....	14333 <i>FPM</i>	—
Back-up Ring	43519 <i>PTFE</i>	—
Seal Case.....	44380 <i>SS</i>	45977 <i>SS</i>
Spacer, Plunger	45880 <i>SS</i>	45880 <i>SS</i>

*Material Codes: BB=Brass FPM=Fluorocarbon NAB=Nickel Aluminum Bronze NBR=Medium Nitrile (Buna-N)
PTFE=Pure Polytetrafluoroethylene SS=Stainless Steel*

Formerly the Aluminum Bronze manifold head was marked "AL" on the face of the head. Effective with the elimination of the collar, both the S.S. and ALBZ heads are stamped with a "B" on the face.

The old style seal cases, collars, o-rings, and back-up rings will continue to be available until further notice, however, the old style manifold head will be discontinued. It is necessary to replace all components when replacing the old manifold head with the new manifold head.

CAT PUMPS

Technical Services Department

Rev. 05/96