



# TECH BULLETIN

**050**  
12/93

*Published regarding engineering changes and improvements*

**SUBJECT: 35 Frame Spacer with Coil Springs: Models 3520, 3527, 3535, 3537**

For extended packing life and optimum performance, the above models will be built using the Spacer with Coil Springs. The Coil Springs keep the packing secure under normal operation and provide additional tension support as the V-Packing begins to wear. The overall effect is extended V-Packing life and more up-time.

To allow for additional Spacer length, the Inlet Manifold ports have been machined deeper. **WHEN SERVICING, ALL DATED PARTS MUST BE USED AS A SET.** The new Inlet Manifolds will be stamped with an “S” for easy identification. The old parts will gradually be phased out.

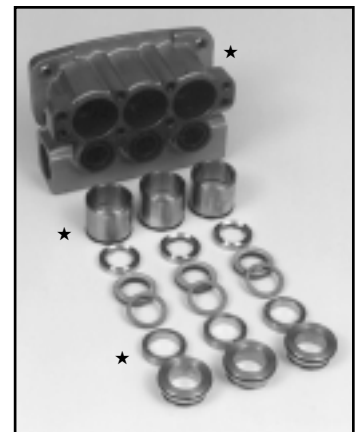
These changes will become effective with the serial numbers shown below. **This spacer with Coil Springs has been standard in all Stainless Steel models since initial production.** All models use PN 45113 individual Coil Spring.

Old Part Number		Intermediate Part Number		Current Part Number
<b>Model 3520</b>		<b>Effective D930101</b>		<b>Effective 5940101</b>
—	—	46349	Spacer w/Coil Springs–BB	46349
[44530]	Inlet Manifold–BB	[46346]	Inlet Manifold–BB	46392 ●
44110	V.P. Cylinder (40mm)–NAB	46348	V.P. Cylinder (50mm)–BB	46348
43966	V.P. Spacer–BB	43966	V.P. Spacer–BB	43966
<b>Model 3527</b>		<b>Effective 9880101</b>		<b>No Change</b>
—	—	45566	Spacer w/Coil Springs–SS	45566
44206	Inlet Manifold–NAB	45124	Inlet Manifold–NAB	45124 ●
44110	V.P. Cylinder (40mm)–NAB	45563	V.P. Cylinder (50mm)–SS	45563
<b>Model 3535</b>		<b>Effective D930101</b>		<b>Effective 5940101</b>
—	—	46352	Spacer w/Coil Springs–BB	46352
[44530]	Inlet Manifold–BB	46346	Inlet Manifold–BB	46392 ●
43929	V.P. Spacer–BB	43929	V.P. Spacer–BB	45369
<b>Model 3537</b>		<b>Effective 0870101</b>		<b>No Change</b>
—	—	45382	Spacer w/Coil Spring–SS	45382
44206	Inlet Manifold–NAB	45124	Inlet Manifold–NAB	45124 ●
[44118]	V.P. Spacer–NAB	45369	V.P. Spacer–SS	45369

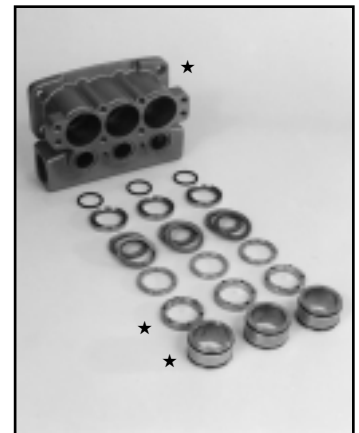
BB=Brass NAB=Nickel Aluminum Bronze SS=316 Stainless Steel

● Review Tech Bulletin 069 for additional information on 35 PFR Extended Manifolds.

[ ] Individual Parts no longer available.



Models 3520, 3527



Models 3535, 3537

**CAT PUMPS**  
Technical Services Department

Rev. 4/99