



TECH BULLETIN

099
09/06

Published regarding engineering changes and improvements

SUBJECT: Discharge Manifolds - 3520, 3527, 3535, 3537
Discharge Manifolds/Valve Plugs - 3521, 3521C, 3531, 3531C, 3541, 3541C

The discharge manifolds for the above models has been enhanced to improve strength and extend life.

On the stainless steel pump models 3521, 3521C, 3531, 3531C, 3541 and 3541C the material of the discharge manifold changes from 316SS to Duplex Stainless Steel. This upgrade to Duplex Stainless Steel provides corrosion resistance. A "D" is stamped on the face of the discharge manifold for identification. The valve plug on the models 3521, 3521C, 3531, 3531C, 3541 and 3541C also changes from 316SS to Duplex Stainless Steel and has a special solid lubricant (CSLT) added for ease in servicing.

These changes start with February 2006 production. All old parts will be replaced with these new parts as inventory is exhausted. All fasteners remain the same. Pump dimensions and port locations remain the same.

PUMP MODEL	ITEM NO.	OLD PART NUMBER				NEW PART NUMBER			
		Part No.	MTL	Description	QTY	Part No.	MTL	Description	QTY
3521, 3521C 3531, 3531C 3541, 3541C	174	48419	SSNP	Plug, Valve	6	49300	SSD	Plug, Valve	6
3520 3527 3535 3537	185	46394	BBCP	Manifold, Discharge	1	49253	BBCP	Manifold, Discharge	1
		46335	NAB	Manifold, Discharge	1	49249	NAB	Manifold, Discharge	1
		46394	BBCP	Manifold, Discharge	1	76394	BBCP	Manifold, Discharge	1
		46335	NAB	Manifold, Discharge	1	76335	NAB	Manifold, Discharge	1
3521, 3521C 3531, 3531C 3541, 3541C	185	46326	SS	Manifold, Discharge	1	49299	SSD	Manifold, Discharge	1
		46326	SS	Manifold, Discharge	1	49299	SSD	Manifold, Discharge	1
		48376	SS	Manifold, Discharge	1	49302	SSD	Manifold, Discharge	1
3521 3531 3541	299	814797	SS	Head, Complete	1	818373	SS	Head, Complete	1
		814544	SS	Head, Complete	1	818372	SS	Head, Complete	1
		816669	SS	Head, Complete	1	818371	SS	Head, Complete	1

Material Codes:

BBCP=Brass/Chrome Plated NAB=Nickel Aluminum Bronze SS=316SS SSD=Duplex Stainless Steel SSNP=316SS/Nickel Plated

CAT PUMPS
Technical Services Department