



TECH BULLETIN

101
01/08

Published regarding engineering changes and improvements

SUBJECT: Unloader and Injector Change - 7800, 7850 and 7860

To enhance the life of the unloader valve, the valve/ball assembly and seat, check valve and check valve spring have been changed. A new chemical injector is required to accommodate the new larger check valve and check valve spring.

The old 7800 unloader has been replaced with the new 7860 unloader. When repairing a 66DX pump with an old 7800 unloader valve, either replace the entire unloader with a new 7860 unloader or repair with a new chemical injector, check valve, check valve spring, valve/ball assembly and seat **as a set** as shown in chart below.

When repairing a 7850 unloader (5CP pumps), replace valve/ball assembly PN 49108 with new PN 76108. Chemical injector, check valve and check valve spring do not change.

These changes became effective with April 2007 production.

Data Sheet Item No.	OLD PART NUMBER				NEW PART NUMBER			
	Part No.	MTL	Description	Qty	Part No.	MTL	Description	Qty
400	7800	BB	Unloader, w/Inj	1	7860	BB	Unloader, w/Inj	1
435	49108	S	Valve/Ball Assy	1	49383	S	Valve/Ball Assy	1
436	49109	S	Seat	1	49384	S	Seat	1
443	49113	S	Valve, Check	1	49245	BB	Valve, Check	1
444	45924	S	Spring, C-Valve	1	117275	S	Spring, C-Valve	1
469	7342	BB	Injector	1	7367	BB	Injector	1

Material Codes: BB=Brass S=304SS

CAT PUMPS
Technical Services Department