

PRESSURE PROTECTION VALVE

PTO-TEC-87

TECHNICAL

DATE: September 15, 1997

TO: All Chelsea® Power Take-Off Customers

Reduced installation time, increased reliability, and a simplified installation process. Goals that we're always looking to attain. These items have been achieved in an upcoming running change to the pressure protection valve, 378414.

The downstream port size of the pressure protection valve has been changed from a .250 - 18 NPT to a .125 - 27 NPT. This matches the thread dimensions of the air fitting and eliminates the need for the 378131-1 reducer bushing.

This simple change does the following:

- Reduces installation time with the elimination of the reducer bushing.
- Eliminates one additional sealing surface with the removal of the reducer bushing.
- Simplifies installation with the change in port size. The larger port will always go to the air supply and the smaller port will connect to the air control valve.
- Can service existing installations if required.

This will be running change in the following air shift small parts installation kits.

<u>Part Number</u>	<u>Series Where Used</u>	<u>Description</u>
328388-44X	100, 221, 260, 290, 429, 434, 435, 436, 437, 438, 440, 446, 488, 812 and 812	Manual Air
328388-45X	340, 352, 520, 540, 541, 721 880, 901, 912 and 941	Manual Air
328388-46X	100, 221, 260, 290, 440, 446, 488, 812 and 2440	Electric Over Air
328388-49X	230, 231 and 2230	Electric Over Air
328388-57X	230, 231 and 2230	Manual Air
328388-64X	100, 221, 260, 290, 440, 446, 488 and 2440	Combo Valve

-Over-

PTO INFO



Shown below is a drawing of the 378414 pressure protection valve featuring the new port dimension.



Jeff King
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Chelsea Auxiliary Power Products

