

Design Change Notification

Date: January 24, 2020

Document #: DCN-125 LP Liquid Cylinder Models and the Addition of the LP PB (pressure building) Regulator Kit as Standard Equipment

Subject: The purpose of this DCN is to notify our LP liquid cylinder customers that beginning around 2/15/2020 we will start including the currently optional LP PB Regulator Kit P/N 21160111 as standard equipment when these models are ordered. Though this will increase the per cylinder price, we are minimizing the price adjustment to help lessen the impact.

Background: Chart has traditionally offered the LP PB Regulator Kit as an option. Over time though, the number of customers ordering it has increased significantly as high flow liquid N2 applications are becoming much more common. As we tell customers, it is “better to have the regulator and not need it than to need it and not have it”.

Products Affected: Current standard LP models which are being OBSOLETE

P/N 10648396	Dura-Cyl 120LP
P/N 10648450	Dura-Cyl 180LP
P/N 10648599	Dura-Cyl 230LP RB
P/N 10648556	Dura-Cyl 230LP SB

New LP models including the LP pressure building (PB) regulator

P/N 21524496	Dura-Cyl 120LP W / LP PB REG
P/N 21524497	Dura-Cyl 180LP W / LP PB REG
P/N 21524498	Dura-Cyl 230LP RB W / LP PB REG
P/N 21524499	Dura-Cyl 230LP SB W / LP PB REG

Description: Following are pictures of an LP Dura-Cyl cylinder both without and with the LP PB Regulator Kit installed. The cylinder shown was built after 8/2017 so the kit installed is P/N 21160111.



LP Cylinder WITHOUT the Optional PB Regulator Installed



LP Cylinder WITH the Optional PB Regulator Installed

Chart Parts Note: Chart Parts will continue to stock the following optional LP PB Regulator Kits for retrofitting existing cylinders that were originally ordered without the optional kit.

CYLINDERS MANUFACTURED PRIOR TO APPROXIMATELY 8/2017 P/N 10658826

CYLINDERS MANUFACTURED AFTER APPROXIMATELY 8/2017 P/N 21160111

In the case of both kits, the PB regulator has a factory set pressure of 18 psi.

Contact: If you have questions about this change or need help determining which kit you need for your cylinder, please contact Chart Customer Service at (800) 400-4683. Thank you for depending on Chart to provide high product quality and service.