

# Design Change Notification

**Date:** 4/1/2018

**Document #:** DCN-134 — Dura-Cyl 230LP DOT Service Pressure Change

**Subject:** Effective approximately 4/9/18, the Chart 230L round and square base liquid cylinder models received a change to the service pressure listed on the DOT data plate.

**Description:** The Dura-Cyl 230 low pressure (LP) models were built with actual LP inner vessels designed to the DOT code until 09/2012. This applies to both the round and square base models. After that transition date, we started building them with a medium pressure (MP) inner vessel to address several production issues. From that time up until 04/2018, these LP models had a DOT data plate affixed that showed a DOT service pressure of 4L-100. The MP inner vessel has a service pressure of 4L-200, so we are effectively derating them. This is completely legal per the DOT code. We made a policy decision change in 04/2018 to the effect that the service pressure listed on all of our DOT data plates should match the actual pressure rating of the inner vessel. Functionally, this change doesn't affect the operation or performance of these cylinders.

Though the cylinder tare weights did increase, that will be compensated for during the normal process of filling with a digital scale. The empty cylinder weights are "tared" out before filling to the maximum allowable DOT fill weights.

**Products Affected:** All Dura-Cyl 230LP round and square base models.

**Contact:** If you have questions related to this change, please contact your Chart Customer Service Representative at (800) 400-4683. Thank you for depending on Chart to provide high quality products and services.