



## Product Safety Bulletin

**Date:** March 20, 2017

**To:** All Challenge Dealers and Owners of Challenge Diamond Cutters or Champion 305 Cutters built before 1995

**Re:** Diamond Cutters – Models 193, 265, 305 (Serial Numbers 101 – 2864)

**Champion 305 Cutters – Models MC, MCPB, MPX, MPC, CRT  
(Serial Numbers 11197 – 13906; 91101 – 94131D)**

You are receiving this product safety notice because our records show your organization previously purchased one of the subject machines listed above. These machines were the focus of a Challenge Safety Bulletin originally issued November 1, 2014 (see enclosure). Testing has shown that springs can break in the Parker Hannifin 4-way directional control valve, causing the spool to shift. Experiments performed with broken springs in the Parker valve have found instances where the knife bar can recycle without pressing the cut buttons, leading to an unsafe condition.

As with all equipment, safety measures must always be followed and proper training is mandatory. Operators should never place their hands under the knife of any machine and they should always use a jogging aid. Nevertheless, following proper safety procedures should not be interpreted as a reason to continue using outdated or improperly maintained machines.

The subject machines are up to 35 years old and no longer supported by Challenge for repair parts. And while these machines met or exceeded all operational and safety standards in effect at the time of manufacture, they have reached the end of their useful safe life. Therefore, **Challenge strongly advises the removal of these machines from service immediately.**

For end users contemplating the purchase of a used machine, please be aware of the aforementioned conditions and remove these machines from consideration. If your company has since sold a machine to another entity, please inform Challenge immediately so that the new owner can be notified.

For questions or further information, please contact Challenge directly at (231) 799-8484 or visit our website at [www.challengemachinery.com](http://www.challengemachinery.com)

Sincerely,  
THE CHALLENGE MACHINERY COMPANY

Thomas Zant  
President/CEO