

TO: Dill Customers

May 6, 2008

There have been recent reports of a concern with certain rubber snap-in valve stems manufactured under the Dill-ACP brand name and distributed by Dill Air Controls Products, LLC. As a result of recent reports and our investigation, we are advising of this concern affecting TR 413, TR 413 chrome, TR 414, and TR 418 Dill ACP valve stems.

We have received a number of parts showing surface cracks on the outside of the rubber near the rim hole. Our initial investigation based on this anecdotal evidence has centered on ozone exposure. When the rubber is exposed to high levels of ozone as it is being stressed, surface cracks can appear. High speeds and an unsupportive rim profile allow the rubber valve to flex at a greater angle and may cause these cracks to propagate, leading to a slow leak of air.

Based on our information, valves produced from July 2006 to November 2006 merit further investigation. These would have shipped from Dill late August 2006 to mid-February 2007. We realize there is little traceability on these stems after they leave our facility; therefore, we are setting a broad time period to review parts. I can also assure you that product we are currently shipping does not have this concern and meets all SAE specifications.

**We are asking you to participate in the following proactive steps:**

1. Inspect lot numbers of stock at all levels of distribution, including any boxes at the shop level. This concern affects a limited number of lots from 2006, however, as a precaution we are asking that you ship back any product you find that has a lot number starting with 06. Any complete pallets will have boxes that all contain the same lot number, so you only need to check one box.

To be conservative, return all rubber valve stem stock with lot no. that begins with 06

PART NO.	<b>TR 413</b>
QUANTITY	<b>500</b>
DESCRIPTION	SNAP-IN VALVE WITH 627W CAP
LOT NO:	06-XXXXXX
22-00413-WZ-000-04	
DILL AIR CONTROLS PRODUCT	
OXFORD, NC 27573	MADE IN CHINA

2. Out of an abundance of caution, we are recommending that when customers return to your stores for regular service, you inspect the valves stems on vehicles who received valve stems during the period from September 2006 – June 2007. This can be done by flexing the valve in a clockwise direction around the rim and looking for cracks above the indicator ring of the valve, for example:



Those valve stems that contain visible surface cracks should be removed and replaced with a new valve stem. This affects the following stems:

- T-13-WZ (TR-413 “Dill ACP” marked on button)
- T-13-WZS (TR-413 “Dill ACP” marked on button with chrome sleeve & chrome cap)
- T-14-WZ (TR-414 “Dill ACP” marked on button)
- T-18-WZ (TR-418 “Dill ACP” marked on button)

In order to continue our investigation, we are also requesting that tire service centers performing this inspection complete the attached valve replacement log as provided. Please return the suspect valves, the valve log, as well as any paperwork supporting the original valve installation and replacement for evaluation to:

Dill Product Quality  
c/o Dill Air Controls Products, LLC  
1500 Williamsboro Street  
Oxford, NC 27565



1500 Williamsboro Street  
Post Office Box 159  
Oxford, North Carolina 27565

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As another proactive step, Dill has instituted ozone testing on every lot of snap-ins per the SAE standard, versus the traditional method of once/year. Additionally, a complete validation according to SAEJ1025/1206 has been completed on our current stock of valve stems to ensure quality.

Please contact me with any further questions.

Sincerely,

Brian Rigney  
Dill Air Controls Products