

## TECHNICAL SERVICE BULLETIN

**To:** All Luberfiner & CHAMP Customers

**SUBJECT:** Luberfiner / CHAMP #AF293

**DATE:** 11/25/2013

### Description:

Champion Laboratories, Inc. has initiated a design change to Luberfiner / CHAMP Part Number AF293. The previous design of AF293 (See Photo A below) featured a formed steel skirt around the perimeter of the pleated media pack. The new filter design (See Photo B below) replaces the steel skirt with an expanded metal screen on top of the pleated media pack. This new design element adds flexure support and rigidity to the filter assembly without adversely effecting air flow. The design change will not affect the current applications catalog or the ease of installation of this product.

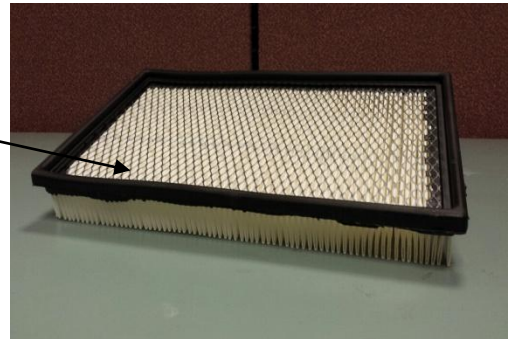
**Photo (A) – Old Design**



*Metal Casing*

*Expanded  
Metal Screen  
Top*

**Photo (B) – New Design**



Also – As part of this design change the AF293 will now be **Made in USA** at our Albion, Illinois Air Plant. The new design also features **Improved Filter Performance** as a result of an increase of **29%** media area. This greater media area increases the dirt holding capacity, filtering efficiency, and increased engine protection from airborne contaminants.

**Questions – Please call Luber-finer Technical Line 1-800-882-0890**