



## Technical Service Bulletin



**SUBJECT:** New AF50-55 retarder

**Products Affected:** Telma installations on Ford Econoline and Chevrolet 4500 Express

**Effective Date:** 9jul13

Telma is committed to a philosophy of continuous improvement as a way of enhancing the end-user's experience with our product.

Beginning in July we will begin introducing a new retarder model AF50-55 for Ford Econoline and Chevrolet 4500 Express to replace retarder model AC50-55 which will be phased out as inventory is depleted.

Design improvements of the new retarder and brackets reduce weight for the Telma installation by 0.5 lbs for Ford E450 and 20 lbs for Chevrolet 4500 Express while maintaining similar performance.

Some highlights of the changes are below.

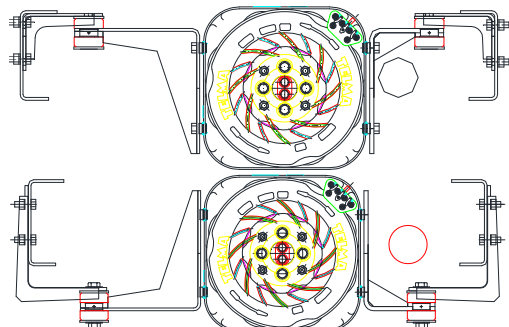
- Retarder weight is reduced from 219lbs to 209 lbs
- Mount spacing is increased from 7 inches to 9 inches for improved vibration characteristics and mount life
- Drive shaft mounting using bolts are used instead of studs to improve ease of driveline installation.
- Sitting position and outside mount chassis brackets are used for both Econoline and 4500 Express to improve ground clearance and vibration characteristics (distance from mount center to retarder center).
- Smaller bolts are used to mount the chassis brackets to speed up hole drilling and to use existing holes in the frame on Econoline.
- Rubber mount hardness has changed to improve mount life
- Drive shaft installed lengths are 0.5 inches shorter. Rear drive shaft will need to be manufactured 0.5 inches shorter to maintain proper slip position (center of travel).

Look for more details in the installation manual section of [telmausa.com/TELMATECHWEB](http://telmausa.com/TELMATECHWEB).

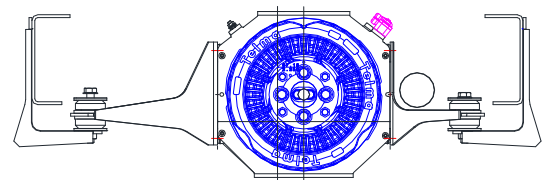
For questions regarding whether your order has been upgraded to the new AF50-55, contact your sales account manager.

For technical questions not answered in the installation manuals contact Telma customer support at 800 797-7714, go to the Telma Web site at [www.telmausa.com](http://www.telmausa.com), or send an email to [engineering@telmacse.com](mailto:engineering@telmacse.com) with your questions 24 hours a day / 7 days a week.

**FORD E450**



CHEVROLET 4500 EXPRESS



FORD E450 AND CHEVROLET 4500 EXPRESS

This document is the exclusive property of TELMA RETARDER INC. It cannot be copied, modified, forwarded, or given to any third party without prior agreement from TELMA RETARDER INC. Any infringement will immediately involve legal action.