



THE **STOP** IN TRAILER BRAKING

Compatibility with Integrated and Aftermarket Brake Controllers

This reference is for use only with the HBA/MHBA with the following serial numbers and higher:

HBA-10: 313800+ HBA-12: 705700+ HBA-16: 506100+ MHBA-10/12/16: All

The chart is only applicable for HBA-CAM, 381-7073

| <i>Tow Vehicle Manufacturer</i> | <i>Year</i> | <i>Compatible</i> | <i>CAM Needed</i> |
|--|--------------------|--------------------------|--------------------------|
| FORD *** | 2005-2006 | YES | NO |
| | 2007-2008 | NO | YES |
| | 2009-Current | YES | NO |
| Dodge/RAM | 2010-Current | YES | NO |
| GM/Chevy */** | 2007-2016 | NO | YES |
| | 2017-Current | YES | NO |
| Toyota | 2016-Current | YES | NO |

* “On MY2014 and later full-size GM trucks, the Integrated Trailer Brake Control System was designed to function with either electric, or electric/hydraulic brakes. In most cases, Hydrastar electric/hydraulic trailer brake systems will operate on these vehicles without issue. In some cases, the vehicle may have issues detecting the presence of the trailer's electric brake system, and the vehicle integrated trailer brake control system will not operate. If this issue is observed, adding a Hydrastar Controller Adapter Module 381-7073 to the trailer's brake system can help the vehicle detect the trailer brake system”

- General Motors Trailering Division

** 2024 GM/Chevrolet Integrated Brake Controllers may be under factory recall. Check with a certified GM/Chevrolet Service Facility. Ref. Service Bulletin 23-NA-149

*** 2024 GM/Chevy Updated

The following chart depicts the start serial number for units fitted for the compatibility with the 2024+ GM/Chevy brake controllers

| | | |
|------------|------------|---------|
| HBA-10 | 381-7065 | 340 354 |
| HBA-12 | 381-7066 | 737 660 |
| HBA-16 | 381-7067 | 591 001 |
| MHBA-10 | 381-8065 | 200 730 |
| MHBA-12 | 381-8066 | 402 262 |
| MHBA-16 | 381-8067 | 617 974 |
| PP MHBA-16 | PP391-8067 | 108 015 |

**** 2021-2022 Ford Recall caused by a software error that may cause the trailer brakes to fail. The recall includes: F-150, F-250, F-350, F-450, F-550, Maverick, Expedition, and Lincoln Navigators. Certified service facilities will update the integrated brake control module software, free of charge. Check NHTSA website for recalls against vehicle VIN.

Aftermarket Brake Controllers

Most current aftermarket brake controllers are compatible with EOH technology, but always check with the controller manufacturer to ensure compatibility

HYDRASTAR cannot guarantee or be held liable for the accuracy of manufacturers' claims regarding compatibility.