

# Compatible Electronic Brake Controllers for use with Hydrastar HBA series

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Manufacturer	Model	Compatible	Not Compatible	Compatible When Used with a Carlisle Hydrastar HBA-CAM
Drawtite	5500 - Activator II	X		
Drawtite	5510 - Activator III	X		
Ford 2005 Factory	TBC		X	X
Hayes-Lemmerz	81745 - En XPC	X ©		
Hayes-Lemmerz	81770 - Endeavor	X ©		
Hayes-Lemmerz	81741B - Energize III	X ©		
Hayes-Lemmerz	81790 - Genesis	X ©		
Redneck	TA900A - Redline	X ©		
Redneck	TA 1100 - Redline		X	
Tekonsha	80510 - AccuTrac		X	
Tekonsha	9040 - Envoy	X		
Tekonsha	80550 - Pilot		X	
Tekonsha	90155 - Primus	X		
Tekonsha	90185 - Prodigy		X	X
Tekonsha	9055 - Sentinel		X	X
Tekonsha	9030A - Voyager	X		

### Ford and Tekonsha Prodigy Controller Fix

Carlisle® has introduced an add-on module that makes the Ford® OE in-dash controller compatible with the HydraStar line of trailer brake actuators. The "HydraStar® Controller Adaptor Module" (model HBA-CAM) unit eliminates the false error messages\* and HydraStar "clicking" generated by the Ford® Two Command controller, an option on 2005 and later F250/350 pickups. The HBA-CAM does not effect the operation of the Ford® controller. Braking performance is unchanged. The HBA-CAM unit also eliminates false error messages generated by the Tekonsha® Prodigy® and Sentinel®. The HBA-CAM is for use with Carlisle® HydraStars® only. It is not designed to be used with other manufacturer's trailer brake actuators.

\* Under laboratory testing it was possible to make the Ford Tow Command produce error codes even with the HBA-CAM installed. With the gain set at 2 or less, and rapidly cycling the manual braking switch for a minute or more, error codes could be seen. It is important to note that it is inconceivable that this condition would occur in normal vehicle and brake operation.

### Notes:

Some controller manufacturers state that their products are intended to be used only with electric brake systems. Using their controllers with the Hydrastar may cause the controller warranty to be null and void. The above controllers were tested with the Hydrastar and found to be compatible where indicated. Carlisle can only stand behind the controller that we actually sell.

© No error indication is provided on the brake controller display in the event that the blue wire from the brake controller becomes disconnected from the HydraStar unit