

HydraStar

Trailer Mounted Brake Actuator for Hydraulic Brakes **Safety and Control!**

Step up to the next generation of hydraulic trailer brake actuators with the HydraStar line of trailer mounted actuators. Unlike mechanical surge actuators, the output from the HydraStar actuator is adjustable from the driver's seat. Use the Carlisle "HSC" in cab controller to adjust the HydraStar's output and set up your hydraulic brakes to match the load for the ultimate in control and safety.



Ideal for Horse Trailers, Boat Trailers, RV Trailers, Car Haulers, any Trailer with hydraulic brakes. The HydraStar is available three maximum pressure settings, 1000 psi, 1200 psi and 1600 psi. Check with your trailer manufacturer to see what pressure is recommended for your trailer brakes.

Superior to surge brakes

Easily replaces surge, air/hydraulic and vacuum/hydraulic systems. Simply mount the HydraStar to the trailer and attach the hydraulic line

- Only four wires to connect, 3 wires go to the tow vehicle receptacle, the fourth goes to the breakaway switch
- Works in reverse, no more pins to insert before backing up
- Eliminates brake drag common with surge actuators on down hill grades
- HydraStar installs on trailer with minimal wiring
- Meets or exceeds DOT brake actuator regulations

Easy to Install

Easily replaces surge, air/hydraulic and vacuum/hydraulic systems. Simply mount the HydraStar to the trailer and attach the hydraulic brake line.

- Only four wires to connect, 3 wires go to tow vehicle receptacle, the fourth goes to the break away switch
- Unit mounted bleeder makes bleeding the brake lines easier
- Includes detailed instruction manual

Note that the tow vehicle must be equipped with an industry standard electronic brake controller.

Easy to Operate

- Engages trailer brakes when tow vehicle brake pedal is applied or when the in cab controller over-ride is activated
- With Carlisle's HSC controller the trailer brake lights are illuminated when the over-ride is activated

Easy to Maintain

- Water tight extruded aluminum enclosure protects the unit in all weather conditions

Regulatory Compliant

- Fully compliant with CFR-393 federal braking requirements
- Trailer brake lights automatically illuminated whenever the tow vehicle brakes are applied or when the controller over-ride is activated.

Models

HBA-10	HydraStar Trailer Brake Controller - 1000 psi
HBA-12	HydraStar Trailer Brake Controller - 1200 psi
HBA-16	HydraStar Trailer Brake Controller - 1600 psi
HBA-BA	Battery Pack / Breakaway Kit for HydraStar

Carlisle's HydraStar XL, ElectraStar, and other HydraStar actuator / controllers are now available for purchase from our distributors, <http://www.carlislebrake.com/distributorlist.html> or online at <http://www.carlisleinternetsales.com>.

? Carlisle Industrial Brake and Friction