

**Brake Controls**

**TA900A Features Include:**



- **Time Actuated Power:** Trailer brakes are gradually applied at pre-set rates. Full brake actuation in 2 seconds. 100% solid state.
- **Manual Override:** Aids in setting controls and allows manual brake actuation, activates brake lights.
- **Multi-color LED:** Indicates completed circuit, brake actuation and brake wire shorts.
- **Installation:** Mounts in any position, no leveling required, quick disconnects for easy removal.
- **Warranty:** Limited lifetime warranty.

PART NO.	REF.NO.	DESCRIPTION
TA900A	416321	ELECTRONIC BRAKE CONTROL FOR 1-3 AXLES

**TA1000 Features Include:**



- **Time Actuated Power:** Trailer brakes are gradually applied at pre-set rates. Full brake actuation in about 2.5 seconds. 100% solid state.
- **Manual Override:** Aids in setting controls and allows manual brake actuation.
- **Two Color LED:** Indicates completed circuit and brake actuation.
- **Installation:** Mounts in any position, no leveling required.
- **Warranty:** Limited 5 year warranty.

PART NO.	REF.NO.	DESCRIPTION
TA1000	416310	ELECTRONIC BRAKE CONTROL FOR 1-2 AXLES

**TA1100 Features Include:**



- **Time Actuated Power with “Panic Stop” Override:** Trailer brakes are activated at desired setting up to 2.8 seconds unless “hard” braking of tow vehicle occurs and inertia sensor overrides timer system for panic stop situations.
- **Two Control System:** Controls power output to trailer brakes and braking response.
- **Manual Override:** Aids in setting controls and allows manual brake actuation.
- **LED Display:** Indicates there is a complete electrical circuit.
- **Installation:** Mounts conveniently under vehicle dash.
- **Warranty:** Limited 5 year warranty.

PART NO.	REF.NO.	DESCRIPTION
TA1100	416300	ELECTRONIC BRAKE CONTROL FOR 1-2 AXLES

**TA1200 Features Include:**



- **Digital Display:** Displays voltage being applied to brakes; presence of short circuit and trailer connection.
- **Time Actuated Power:** Trailer brakes are gradually applied at pre-set rates. Full brake actuation in about 2.5 seconds. 100% solid state.
- **Manual Override:** Aids in setting controls and allows manual brake actuation.
- **Installation:** Mounts in any position, no leveling required. Digital readout can be reset for installation requiring upside down mounting.
- **Warranty:** Limited lifetime warranty.

PART NO.	REF.NO.	DESCRIPTION
TA1200	416296	DIGITAL BRAKE CONTROL FOR 1-3 AXLES

BRAKE  
ACTUATING  
SYSTEMS

**TA1400 Features Include:**

- **True Proportional Braking Power:** Inertia Activated Sensor.
- **Two Control System:** Controls power output to brakes and braking response.
- **Manual Override:** Aids in setting controls and allows manual application of brakes.
- **LED Light Display:** Green LED monitors a secure connection with trailer and changes to red to indicate increase of power to the trailer brakes.
- **Installation:** Rounded mounting bracket allows multiple angles of control positioning under dash.
- **Warranty:** Limited 5 year warranty.



PART NO.	REF.NO.	DESCRIPTION
TA1400	416285	BRAKE CONTROL, REDLINE 1-2 AXLES, "ENVOY"

**Hayes Brake Controls**

**Features Include:**

- **True Proportional Braking Power:** Inertia Activated Sensor
- **Two Control System:** Controls power output to brakes and braking response.
- **Manual Override:** Aids in setting controls and allows manual application of brakes.
- **LED Light Display:** Indicates there is a completed electrical circuit, and informs operator of vehicle's braking response and relative braking power.
- **Installation:** Mounts conveniently on top or under vehicle dash.
- **Warranty:** Limited 5 year warranty.



PART NO.	REF.NO.	DESCRIPTION
81741B	416225	"ENERGIZE III", ELECTRIC BRAKE CONTROL, 1-2 AXLES
81745	416240	"ENERGIZE XPC", ELECTRIC BRAKE CONTROL, 1-3 AXLES

**Dexter Brake Control**

**Predator Features Include:**

- **True Proportional Braking Power:** Inertia Activated Sensor.
- **Two Control System:** Controls power output to brakes and braking response.
- **Manual Override:** Aids in setting controls and allows manual application of brakes.
- **LED Display:** Large digital LED displays voltage output, and makes leveling quick and easy.
- **Mounting Range:** Versatile mounting range of -35° to +90°, to accommodate a wide variety of vehicle interiors.
- **Warranty:** Limited 7 year warranty.



PART NO.	REF.NO.	DESCRIPTION
58-8	416260	"PREDATOR" DX2 BRAKE CONTROL FOR 1-2 AXLES

BRAKE  
 ACTUATING  
 SYSTEMS

## Carlisle Brake Control



EBAC-CLR



CAR-CLR



The Carlisle ElectraStar Brake Control System is today's choice for trailer mounted electric brake control. Using the tow vehicle's standard wiring, the ElectraStar needs no special wiring or additional hardwired control units to function.

This self-contained unit mounts on the trailer, and using the standard 4-wire vehicle plug, operation is trouble free. Using its onboard microprocessor and accelerometer, the ElectraStar senses the amount of braking effort being generated by the tow vehicle, and adjusts its output to the trailer brakes accordingly. Panic stop and aggression adjustments are made through the in-cab remote control, which plugs into the cigarette lighter.

A 17 amp/hour battery pack is required for unit activation and breakaway function. A 3 amp automatic charger is incorporated into the actuator.

PART NO.	REF.NO.	DESCRIPTION
EBAC-CLR	416265	ELECTRASTAR TRLR MNT UNIT W/IN-CAB CONTROLLER
CAR-EB	416270	ELECTRASTAR UNIT W/IN-CAB CONTROLLER & 17AMP BRKWY
HBA-EBA	419450	17AMP BREAKAWAY KIT/POWER UNIT FOR ELECTRASTAR



### Voyager Features Include:



- **True Proportional Braking Power:** Inertia Activated Sensor.
- **Two Control System:** Controls power output to brakes and braking response.
- **Manual Override:** Aids in setting controls and allows manual application of brakes.
- **LED Light Display:** Indicates a completed electrical circuit, aides in setting controls, changes from green to red indicating relative braking power.
- **Installation:** Mounts conveniently under vehicle dash.
- **Warranty:** Limited 5 year warranty.

PART NO.	REF. NO.	DESCRIPTION
9030A	416430	NEW "VOYAGER", ALL ELECTRONIC FOR 1-4 AXLES

### Envoy Features Include:



- **True Proportional Braking Power:** Inertia Activated Sensor.
- **Two Control System:** Controls power output to brakes and braking response.
- **Manual Override:** Aids in setting controls and allows manual application of brakes.
- **LED Light Display:** Green LED monitors a secure connection with trailer and changes to red to indicate increase of power to the trailer brakes.
- **Installation:** Rounded mounting bracket allows multiple angles of control positioning under dash.
- **Warranty:** Limited 5 year warranty.

PART NO.	REF. NO.	DESCRIPTION
9040	416627	"ENVOY", ALL ELECTRONIC FOR 1-2 AXLES



**Primus Features Include:**

- **True Proportional Braking Power:** Inertia Activated Sensor.
- **Two Control System:** Controls power output to brakes and braking response.
- **Manual Override:** Aids in setting controls and allows manual application of brakes.
- **Digital Display:** Indicates voltage readout and NC (no connection) if connection is missing. Visual warning if trailer becomes disconnected.
- **Installation:** Mounts flush under vehicle dash.
- **Warranty:** Limited 15 year warranty.



PART NO.	REF. NO.	DESCRIPTION
90155	416629	"PRIMUS", ALL ELECTRONIC FOR 1-4 AXLES

**Prodigy Features Include:**

- **True Proportional Braking Power:** Inertia Activated Sensor, no manual leveling.
- **Two Control System:** Controls power output to brakes and braking response.
- **Manual Override:** Aids in setting controls and allows manual application of brakes.
- **Digital Display:** Indicates voltage readout and NC (no connection) if connection is missing. Visual warning if trailer becomes disconnected.
- **Installation:** Control design allows multiple angles of control positioning.
- **Warranty:** Limited lifetime warranty.



PART NO.	REF. NO.	DESCRIPTION
90185	416635	"PRODIGY", ALL ELECTRONIC FOR 1-4 AXLES
7686	416637	REPLACEMENT "POCKET" BRACKET
7894	416638	REPLACEMENT PLUGIN HARNESS

**P3 Features Include:**

- **True Proportional Braking Power:** Inertia Activated Sensor, no manual leveling.
- **Two Control System:** Controls power output to brakes and braking response.
- **Manual Override:** Aids in setting controls and allows manual application of brakes.
- **Digital Display:** Distinct, easy to see LCD display with multiple color and contrast options.
- **Installation:** Compact, dash hugging design, unique, easy-to-use, clip mounting system.
- **Electric/Hydraulic:** Allows the user to switch between Electric and Electric Over Hydraulic trailer brakes.
- **Warranty:** Limited lifetime warranty.



PART NO.	REF. NO.	DESCRIPTION
90195	416636	BRAKE CONTROL, TEKONSHA "P-3", 1-4 AXLES