

HAYES-LEMMERZ ELECTRIC BRAKE CONTROLLERS



GENESIS™

KH81790 GENESIS™ Brake Controller

- Proportional Brake Control
- 1 to 4 Axle Brake Capability
- For use with Electric & Electric / Hydraulic Brakes
- Limited Lifetime Warranty

The new age "intelligent" controller using accelerometer technology; this technology senses motion allowing for self-leveling and automatic adjustments.



ENDEAVOR™

KH81770 ENDEAVOR™ Brake Controller

- Proportional "Inertia" Brake Control
- 1 to 4 Axle Brake Capability
- Digital Display
- Limited Lifetime Warranty

This controller has the ability to sense deceleration of the tow vehicle, which provides premium braking. This controller is equipped with a digital display allowing you to select percent of power, voltage, or current.



ENERGIZE III®

KH81741B ENERGIZE III® Brake Controller

- Proportional "Inertia" Brake Control
- 1 & 2 Axle Brake Capability
- Five Year Limited Warranty

All electronic brake controller features a patented sensing device that automatically monitors and measures tow vehicle deceleration and applies the trailer brakes in direct proportion.



ENERGIZE XPC®

KH81745 ENERGIZE XPC® Brake Controller

- Proportional "Inertia" Brake Control
- 1 to 3 Axle Brake Capability
- Five Year Limited Warranty

All electronic brake controller features a patented sensing device that automatically monitors and measures tow vehicle deceleration and applies the trailer brakes in direct proportion.

PROPORTIONAL BRAKE CONTROLS Proportional Controls offer a smooth braking response to almost any stop. Through the use sensing devices, the brake control can determine the tow vehicle's rate of deceleration and then apply the trailer brakes to match. The proportional brake control delivers power to the brakes in direct relationship to the actual physical deceleration of the tow vehicle.



HAYES-LEMMERZ ELECTRIC BRAKE CONTROLLERS



ENGAGE®

KH81760 ENGAGE® Brake Controller

- Time Based Digital Brake Control
- 1 to 3 Axle Brake Capability
- Limited Lifetime Warranty

Top of the line time based digital controller. This controller is equipped with a digital display allowing you to select adjustable voltage and power ramp up times.



SYNCRONIZER®

KH81725 SYNCRONIZER® Brake Controller

- Time Based Brake Control
- 1 & 2 Axle Brake Capability
- Three Year Limited Warranty

This Controller modulates and controls current from the battery to the trailer brakes. The longer the brake pedal is depressed the greater the current delivered to the trailer brakes until the preset brake power setting is reached.



AIR ACTUATED BRAKE CONTROL

KH100400B AIR ACTUATED Brake Controller

- 1 to 3 Axle Brake Capability
- One Year Limited Warranty

The electric brakes on the trailer operate off the air brake system of the tow vehicle. When the brake pedal is depressed the application of the electric trailer brakes is proportional to the vehicle's brake pedal pressure.



HAYES "QUICK-CONNECT" OEM WIRE HARNESSSES

Part Number	Description
KH81780-HBC	Chevrolet / GMC 2006 - 2003
KH81781-HBC	Chevrolet / GMC 2002 - 1999
KH81782-HBC	Dodge / Chrysler
KH81783-HBC	Ford 2006 - 1994
KH81784-HBC	Ford Super Duty 2006 - 2005
KH81785-HBC	Toyota 2006-2002
KH81786-HBC	Nissan 2006-2005
KH81789-HBC	Universal Hayes Plug w/four wires

DRAW-TITE ELECTRIC BRAKE CONTROLLERS



ACTIVATOR™

DT5100 ACTIVTOR™ Brake Controller

- Time Based Brake control
- 1 & 2 Axle Brake Capability
- Three Year Limited Warranty

This Controller modulates and controls current from the battery to the trailer brakes. The longer the brake pedal is depressed the greater the current delivered to the trailer brakes until the preset brake power setting is reached.



ACTIVATOR II™

DT5500 ACTIVTOR II™ Brake Controller

- Time Based Brake control
- Digital Output Indicator
- Thumb Wheel out adjustment
- 1 & 4 Axle Brake Capability
- Limited Lifetime Warranty

This Controller modulates and controls current from the battery to the trailer brakes. The longer the brake pedal is depressed the greater the current delivered to the trailer brakes until the preset brake power setting is reached.



ACTIVATOR III™

DT5520 ACTIVTOR III™ Brake Controller

- Time Based Brake control
- Digital Output Indicator
- Thumb Wheel out adjustment
- 1 & 4 Axle Brake Capability
- Limited Lifetime Warranty

This Controller modulates and controls current from the battery to the trailer brakes. The longer the brake pedal is depressed the greater the current delivered to the trailer brakes until the preset brake power setting is reached.

TEKONSHA ELECTRIC BRAKE CONTROLLERS



P3™

T90195 P3™ Brake Controller For 1, 2, 3 & 4 Axle Trailers

- Distinct, easy to see LCD display with multiple color and contrast options
- Allows the user to switch between Electric and Electric Over Hydraulic brakes
- Highly advanced, easy-to-understand, roadside diagnostics
- The original "Boost" feature allows for different levels of customized braking
- Compact, dash-hugging design
- Unique, easy-to-use, clip mounting system
- Quick disconnect for easy storage; convenient storage pouch included

The Tekonsha P3™ is a breakthrough among proportional brake controls, offering a system that's smooth and proportional. Including a range of diagnostic features, pre-assembled wiring harness, and mounting clip, the P3 is covered by a Limited Lifetime Warranty.



TEKONSHA ELECTRIC BRAKE CONTROLLERS (CONTINUED)



PRODIGY®

T90185 PRODIGY® Brake Controller

- Proportional Brake Control
- 1 to 4 Brake Axle
- Self Leveling
- Limited Lifetime Warranty

Prodigy is the most intelligent brake control from Tekonsha. This powerful control features new motion sensor technology common in the aerospace industry. With Prodigy no inertia sensor adjustments is necessary. It adjusts itself to varying terrains as you drive. Its sensor detects the tow vehicle's rate of deceleration, applies the proportional braking to the trailer and features an exclusive "boost" feature that gives users the ability to apply more initial trailer braking power.



PRIMUS™

T90155 PRIMUS™ Brake Controller

- Proportional Brake Control
- 1 to 3 Brake Axle
- One Step "Point and Go" System
- 15 Year Limited Warranty

A totally proportional electric trailer brake control. Primus utilizes the primary sensor technology from Prodigy and features the Tekonsha one step "Point and Go" set-up system. Ease-to-set system allows the driver maximum flexibility when determining how the trailer should respond to a braking event.



VOYAGER®

T9030 VOYAGER® Brake Controller

- Proportional Brake Control
- 1 to 3 Brake Axle
- 5 Year Limited Warranty

The Voyager incorporates Tekonsha's patented braking sensor and is the best value you'll find for a smooth and secure trailer braking.



ENVOY®

T9040 ENVOY® Brake Controller

- Proportional Brake Control
- 1 & 2 Brake Axle
- 5 Year Limited Warranty

The Envoy is built with the simplicity and reliability in mind. It's easy to install and easier to set and use. Easily adjustable to accommodate different trailer weights.

PROPORTIONAL BRAKE CONTROLS Proportional Controls offer a smooth braking response to almost any stop. Through the use sensing devices, the brake control can determine the tow vehicle's rate of deceleration and then apply the trailer brakes to match. The proportional brake control delivers power to the brakes in direct relationship to the actual physical deceleration of the tow vehicle.

TEKONSHA BRAKE CONTROL O.E.M WIRING HARNESS

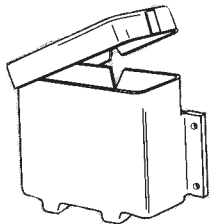
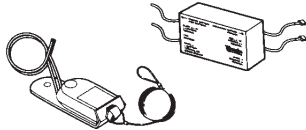
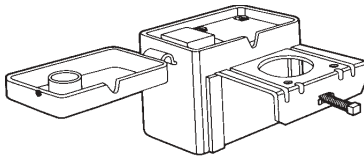


TEKONSHA

Part Number	Description
T3020P	Dodge 1996 - Current
T3035P	Ford 1994 - Current
T3065P	Ford Super Duty 2005 - 2007
T3015P	GM 2003 - Current
T3025P	GM 1992 - 2002
T3026P	GM 2007 Saturn Outlook/ Buick Enclave/GM Acadia
T3070P	Honda Ridgeline 2006 - Current
T3050P	Nissan 2004 - Current
T3040P	Toyota 2002 - Current

BREAKAWAY KITS (Rechargeable Dry Cell)

T2018



T2051

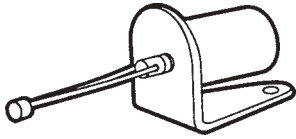
- Mounts on jackpost or A-frame with one bolt. No need for cutting or drilling.
- Weather/Corrosion resistant polyethylene plastic case.
- Meets or exceeds D.O.T. specifications regarding breakaway/holding requirements.
- For use on single, tandem, or triple axle trailers with electric brakes.

PARTNO.	DESCRIPTION
BK-1	Breakaway Kit. Includes T2051 Battery Box, PS-1242 Battery, T2010-B Breakaway Switch
BK-2	Breakaway Kit. Includes T2018 Battery Box, PS-1242 Battery, T2010-B Breakaway Switch
BK-4	Breakaway Kit. Includes T2018 Battery Box, PS-1242 Battery, T2010-B Breakaway Kit, T2024 Battery Charger
BK-5	Breakaway Kit. Includes T2018 Battery Box, PS-1242 Battery, T2009-S Metal Breakaway Switch, T2024 Battery Charger
BK-6	Breakaway Kit. Includes T2051 Battery Box, PS-1242 Battery, T2010-B Breakaway Switch, T2024 Battery Charger

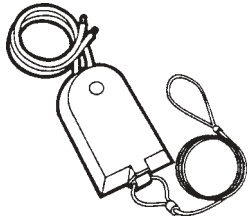


BREAKAWAY SWITCHES

- Sets trailer brakes in case of accidental trailer breakaway. Trailer brakes are applied automatically.

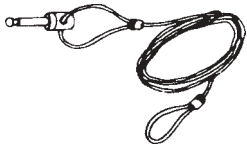


PARTNO.	DESCRIPTION
T2009-S	Breakaway Switch. All metal parts. Silver contact points. Brass pull pin.



T2010-S	Breakaway Switch. Reinforced nylon case. Silver contact points. Nylon pull pin. Carded.
T2010-B	Same as T2011P, except sold bulk.

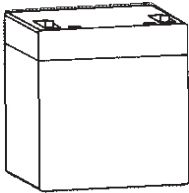
CABLE & PIN ASSEMBLY REPLACEMENT



PARTNO.	DESCRIPTION
T2009-A-S	Use on T2009-S
T2010-AS	Use on T2011P and T2011



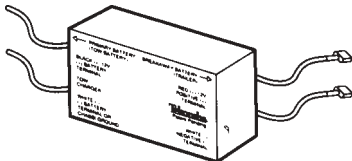
RECHARGEABLE DRY CELL BATTERY



PARTNO.	DESCRIPTION
PS-1242	12 Volt Dry Cell Sealed Rechargeable Battery

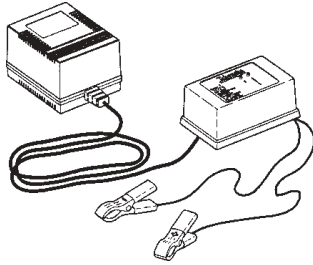
BATTERY CHARGER

- DC to DC Trickle Charger for Shur-Set III Breakaway battery case.
- Continuous recharge for all 12-volt battery systems with a 4 amp-hour output.
- Provides assurance that breakaway batteries are always charged.
- Automatic shut-off feature will not permit battery to overcharge.



PARTNO.	DESCRIPTION
T2024	Battery Charger

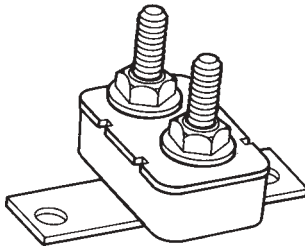
AC-TO-DC TWO STAGE / MAINTENANCE CHARGER



- For all 12 volt battery systems with a 4-amp output.
- Charger includes automatic shut-off feature that prevents battery from overcharging.
- Ideal for seasonal storage and maintenance of RVs, motorcycles, snowmobiles, lawn tractors and more.

PARTNO.	DESCRIPTION
T2025	AC-to-DC Two Stage / Maintenance Charger

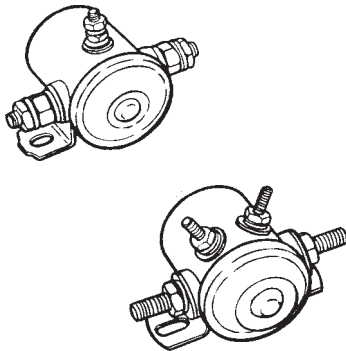
UNIVERSAL CIRCUIT BREAKERS



- Used in 6, 12, & 24 VDC applications. Includes nuts, washers, and mounting bracket(s).

PARTNO.	DESCRIPTION
T7010A	Circuit Breaker, 15 Amp
T7012A	Circuit Breaker, 30 Amp

BATTERY SWITCHES



- 3 Terminal for metal frame ground systems, 4 terminal has insulated ground terminal for use with fiberglass or other non-conductive materials.
- Cadmium plated, non-breakable heavy duty housing.
- Isolates starting battery.
- Full-time charging of both batteries.
- Includes terminal nuts and lock-washers.
- 12 volt DC continuous duty.

PARTNO.	DESCRIPTION
T7000-S	Battery Switch, 3 Terminal
T7001-S	Battery Switch, 4 Terminal