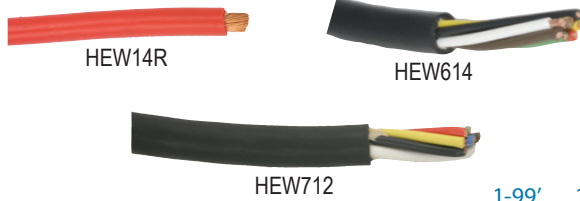


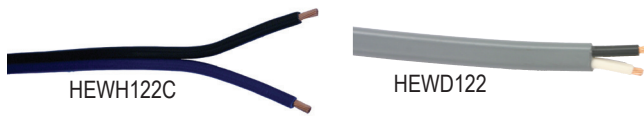


## Trailer Cable



ITEM#	Strands/Gauge	1-99' per ft	100'+ per ft
HEW14B	Starter Cable, 1 strand/4ga, black	\$2.40	\$1.92
HEW14R	Starter Cable, 1 strand/4ga, red	\$2.40	\$1.92
HEW414	4 strands/14ga	\$1.43	\$1.15
HEW416	4 strands/16ga	\$1.06	\$0.93
HEW614	6 strands/14ga	\$2.04	\$1.64
HEW714	7 strands/14ga	\$2.59	\$1.86
HEW700	7 strands/(4)14ga,(1)12ga,(2)10ga	\$3.26	\$2.61
HEW712	7 strands/(6)12ga,(1)10ga	\$3.68	\$2.95

## 2 Conductor Wire



ITEM#	Strands/Gauge	Price
HEWH122C	100' roll, 2 strands/12ga, bonded	\$110.95
		1-99' per ft
HEWD162	2 strands/16ga, jacketed	\$0.50
HEWD142	2 strands/14ga, jacketed	\$0.67
HEWD122	2 strands/12ga, jacketed	\$0.96

## 4 Conductor Rip Cord



Bonded trailer wire with one 16-gauge wire and three 18-gauge wires

HEWB164	Cut to your length (per foot)	\$1.21
HEWB164C	100 foot roll	\$80.59

## "Flex Guard" Split Loom



Black polyethylene material split lengthwise. Hold and protect wires

HEWL	3/8", cut to your length (per foot)	\$0.50
HEWLC	3/8", 100 foot roll	\$25.00
HEWL12	1/2", cut to your length (per foot)	\$0.79
HEWL12C	1/2", 100 foot roll	\$39.95
HEWL34	3/4", cut to your length (per foot)	\$0.99
HEWL34C	3/4", 100 foot roll	\$45.95
HEWL1	1", cut to your length (per foot)	\$1.99
HEWL1C	1", 100 foot roll	\$100.95

## Primary Trailer Wire



ITEM#	Color	Gauge	Length	Price
HEWP625	White	16ga	500'	\$74.95
HEWP635	Black	16ga	500'	\$74.95
HEWP645	Green	16ga	500'	\$74.95
HEWP655	Yellow	16ga	500'	\$74.95
HEWP665	Brown	16ga	500'	\$74.95
HEWP415	Red	14ga	500'	\$104.95
HEWP412	Red	14ga	25'	\$9.95
HEWP425	White	14ga	500'	\$104.95
HEWP422	White	14ga	25'	\$9.95
HEWP435	Black	14ga	500'	\$104.95
HEWP432	Black	14ga	25'	\$9.95
HEWP445	Green	14ga	500'	\$104.95
HEWP455	Yellow	14ga	500'	\$104.95
HEWP465	Brown	14ga	500'	\$104.95
HEWP475	Blue	14ga	500'	\$104.95
HEWP472	Blue	14ga	25'	\$9.95
HEWP215	Red	12ga	500'	\$157.95
HEWP212	Red	12ga	25'	\$13.95
HEWP225	White	12ga	500'	\$157.95
HEWP222	White	12ga	25'	\$13.95
HEWP235	Black	12ga	500'	\$157.95
HEWP232	Black	12ga	25'	\$13.95
HEWP275	Blue	12ga	500'	\$157.95
HEWP272	Blue	12ga	25'	\$13.95
HEWP114	Red	10ga	100'	\$51.95
HEWP134	Black	10ga	100'	\$51.95

## Split-Loom Clamps

- Plated steel with soft PVC cushion
- .265 mounting hole



ITEM#	Description	1-99 ea	100pk ea
HEWLC3	3/8" Split Loom Clamp	\$1.09	\$0.94
HEWLC4	1/2" Split Loom Clamp	\$1.13	\$0.99
HEWLC6	3/4" Split Loom Clamp	\$1.16	\$1.01
HEWLC8	1" Split Loom Clamp	\$1.29	\$1.12

## Frame Clips

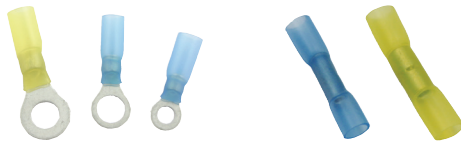


- Quickly arrange and hold wires to frames

HEWFC316	3/16" frame thickness	\$0.95
HEWFC14	1/4" frame thickness	\$0.95
HEWFC38	3/8" frame thickness	\$0.99



## Heat-Shrink Connectors



•Solid barrel, low-temperature, heat-shrink with adhesive

ITEM# Description 1-99 ea 100pk ea

### Heat Shrink Ring Connectors

HETRH123	12-10 ga Yellow Heat Shrink #10	\$0.54	\$0.43
HETRH125	12-10 ga Yellow Heat Shrink 5/16"	\$0.69	\$0.55
HETRH126	12-10 ga Yellow Heat Shrink 3/8"	\$0.71	\$0.57
HETRH163	16-14 ga Blue Heat Shrink #10	\$0.39	\$0.31
HETRH165	16-14 ga Blue Heat Shrink 5/16"	\$0.53	\$0.43
HETRH166	16-14 ga Blue Heat Shrink 3/8"	\$0.54	\$0.43
HETRH223	22-16 ga Red Heat Shrink #10	\$0.39	\$0.32

### Heat Shrink Butt Connectors

HEBCH22	22-16 ga Red Heat Shrink	\$0.43	\$0.34
HEBCH16	16-14 ga Blue Heat Shrink	\$0.43	\$0.34
HEBCH12	12-10 ga Yellow Heat Shrink	\$0.67	\$0.53

## Heat-Shrink Tubing



- Highly flexible
- Flame Retardant
- Shrink Ratio 3:1
- MAHS110: 110 pcs of popular diameters, 3/4" or 2" long

HEHS2	16-14 ga Heat Shrink Tubing, 3/16", 25 ft	\$16.95
HEHS3	12-10 ga Heat Shrink Tubing, 1/4", 25 ft	\$19.95
HEHS6	1-1/0 ga Heat Shrink Tubing, 3/4", 25 ft	\$34.95
MAHS110	110 Piece Heat Shrink Kit	\$13.95

## Electrical Tape



MTEL	7 mil electrical tape, 3/4" x 60 feet	\$2.69
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## Tekonsha Pilot & Pod



- Manual over-ride control
- HE80550: time-activated, digital readout, limited lifetime warranty
- HE80500: time-activated, LED status indicator, 5 yr warranty

HE80550	Pilot Brake Control, 1-3 axles	\$83.95
HE80500	Pod Brake Control, 1-2 axles	\$64.95

## Standard Connectors



ITEM#	Description	1-99 ea	100pk ea
HEQS	18-14 ga Quick-Splice Connector	\$0.27	\$0.25
HEQS1	12-10 ga Quick-Splice Connector	\$0.35	\$0.32

### Vinyl Ring Connectors

HETR12	12-10 ga Yellow Vinyl #10	\$0.33	\$0.29
HETR16	14-16 ga Blue Vinyl #10	\$0.25	\$0.22

### Vinyl Butt Connectors

HEBC22	22-16 ga Red Vinyl	\$0.12	\$0.10
HEBC16	16-14 ga Blue Vinyl	\$0.13	\$0.11
HEBC12	12-10 ga Yellow Vinyl	\$0.30	\$0.26

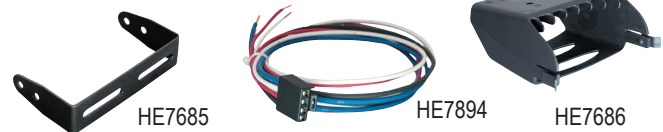
## 3-Way Quick Splice



•UL- CSA listed waterproof

ITEM#	Description	each	25pk ea
HEQS3	14-22 ga with silicone waterproof gel	\$4.99	\$2.99

## Replacement Brake Control Accessories



•Replacement only! All Tekonsha brake controllers come with mounting bracket and harness

HE7685	P-3 & Prodigy, metal mounting bracket	\$9.99
HE5280	Primus IQ & Envoy, metal mounting bracket	\$7.19
HE2178	Voyager & Pod, metal mounting bracket	\$8.19
HE5900	P-3 clip/pocket mount kit	\$7.99
HE7686	Prodigy & P2, pocket mount kit	\$15.29
HE6927	Primus IQ pocket mount kit	\$6.99
HE7894	Tekonsha harness, no vehicle end, 2' long	\$19.29

## Hopkins Agility



- Proportional braking
- Flexible mounting options, self leveling
- Percentage of braking power shown
- 5 sensitivity adjustments
- Intuitive vertical manual slide
- Short proof protected
- Control up to 8 trailers brakes
- Plug & Play with Tekonsha brake control connectors
- Limited lifetime warranty

HE90102	Hopkins Agility Brake Control, 1-4 axles	\$136.95
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## Echo Brake Controls



Echo Under-Dash Brake Controller



- Wireless! Portable! Quick, plug-and-play operation!
- Bluetooth enabled - control with smart phone
- Simple, tool-free install. No invasive installation
  1. Download the Echo™ Smart Control App
  2. Insert Echo™ between vehicle and trailer 7RV connector
  3. Configure settings and tow!
- Total proportional braking- even in reverse
- No level adjustment necessary, adjusts to varying terrain as you drive
- Reverse-polarity & short circuit protection
- Works with low-voltage or PWM systems, ABS, and cruise control
- Compatible with electric over hydraulic trailer brakes
- Breakaway battery charge wire must be active
- Limited lifetime warranty

### HE51180:

- Plugs into 7RV socket
- See install instructions regarding 2015-current Ford F-150

### HE51190:

- Mounts out of the way under the dash
- HE51520 adapts to a Tekonsha Plug & Play harness on pg 113

### HE51200:

- Waterproof enclosure protects circuits against the elements
- Mounts out of the way behind the bumper
- Plugs in behind existing 7-way socket at US CAR connectors

### HE51189:

- Manual override button for additional braking
- App must be running to use manual button

HE51180	Echo 7RV Brake Control, 1-2 axles	\$289.95
HE51190	Under-dash brake controller, 1-4 axles	\$264.95
HE51200	Echo in-line brake controller	\$319.95
HE51189	Manual override button for all Echo devices	\$56.95
HE51520	CURT brake controller to Tekonsha adapter	\$12.95

## Spectrum Brake Control



- Clean dash-mounted, OEM-style user interface
- Control knob can be dash mounted with a single hole
- Main module can be mounted out of sight at any orientation
- Push-button, rotary knob provides easy manual override
- 10 tri-colored LED's show braking power, modes, and diagnostics
- Total proportional braking- even in reverse
- No level adjustment necessary, adjusts to varying terrain as you drive
- Reverse-polarity & short circuit protection
- Compatible with electric over hydraulic trailer brakes
- Limited lifetime warranty
- HE51520 adapts to a Tekonsha Plug & Play harness on page 113

HE51170	Spectrum Brake Control, 1-4 axles	\$239.95
HE51520	CURT brake controller to Tekonsha adapter	\$12.95

## CURT Brake Controllers



- Total proportional braking- even in reverse
- Reverse-polarity and short-circuit protection
- No level adjustment necessary, adjusts to varying terrain as you drive
- Compatible with electric over hydraulic trailer brakes
- HE51520 adapts to standard Tekonsha Plug & Play harnesses on pg 113
- Limited lifetime warranty

### HE51146: Triflex Next

- Unique bracket system for improved dash clearance
- 10 gain & 9 load settings to adapt to various driving conditions
- Full-text readout & troubleshooting, power adjustments shown in 0.5 increments, day-night mode for optimal visibility
- Day/night mode and adjustable brightness

### HE51160: Assure

- Tilt display for different mounting options, above or below the dash
- (9) sensitivity adjustments for varying loads or driving conditions
- Diagnostic alerts notify of potential problems
- Pressure-sensitive manual override button for precise braking power
- User selectable manual power output and trailer light activation

HE51146	Triflex Proportional Brake Control, 1-4 axles	\$124.95
HE51160	Assure Proportional Brake Control, 1-4 axles	\$199.95
HE51520	CURT brake controller to Tekonsha adapter	\$12.95



## Tekonsha Premium Brake Controls



### Features for All Premium Controls

- Total Proportional braking, even in reverse!
- Display shows voltage to trailer during braking
- On board diagnostic features such as short/power loss/etc
- "The Original Boost" feature allows for customized braking
- No level adjustment necessary, adjusts to varying terrain as you drive
- Limited lifetime warranty

### Prodigy P-2 & P-3 Features

- Switch between electric & electric over hydraulic brakes
- Reverse battery protection for vehicle and breakaway system
- 360° vertical mounting

### P-3 Features

- Distinct LCD display with multiple color & contrast options
- Advanced easy to understand diagnostics, no codes to decipher
- 5 storable setting options for pulling different trailers or preferences of multiple drivers.

HE90195	P3 Brake Control — 1-4 axles	\$262.95
HE90885	Prodigy P2 Brake Control — 1-4 axles	\$212.95
HE90160	Primus IQ Brake Control — 1-3 axles	\$146.95

## Prodigy® iD Brake Control



- Clean dash-mounted, OEM-style user interface
- Control knob can be dash mounted with a single hole
- Push-button, rotary knob provides easy manual override
- Bluetooth enabled - control with smart phone
- Digital screen in knob shows braking power, modes, and diagnostics
- Main module can be mounted out of sight in any orientation
- Total proportional braking- even in reverse
- No level adjustment necessary, adjusts to varying terrain as you drive
- Switch between proportional and timed braking
- Limited lifetime warranty
- Use Tekonsha Plug & Play harnesses on page 113
- Compatible with electric over hydraulic trailer brakes

HE90920	Prodigy ID Brake Control, 1-4 axles	\$304.95
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## Tekonsha Trailer Mounted Brake Control



- NEW! Improved bluetooth signal for better in-cab remote pairing
- Trailer mounted brake control, the perfect shared-trailer solution!
- Total proportional braking, even in reverse!
- Wireless in-cab remote hand unit eliminates under dash wiring
- Trailer braking power supplied via 7-way connector from the vehicle
- Breakaway battery charge wire must be active
- 5-yr limited warranty on hand-held remote
- 15-yr limited warranty on trailer mounted module

HE902502	Prodigy RF Brake Control, 1-3 axles	\$512.95
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## Tekonsha BRAKE-EVN



- Total proportional braking, even in reverse!
- Display shows voltage to trailer during braking
- On-board diagnostic features such as short/power loss/etc.
- Boost feature allows for customized braking
- No level adjustment necessary, adjusts to varying terrain as you drive
- Plug & Play with Tekonsha brake control connectors
- 5-year limited warranty

HE8220	BRAKE-EVN Brake Control, 1-4 axles	\$122.95
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## Tekonsha Voyager



- Inertia braking sensor continually calculates the braking power
- 5-year limited warranty
- Green LED, monitors a secure connection with trailer & changes to red to indicate increase of power to the trailer.

HE9030	Voyager Brake Control — 1-4 axles	\$127.95
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# Tekonsha Brake Control Connectors



## Tekonsha Brake Control Connectors

Make	Model	Year	ITEM#	Price
<b>Acura</b>	MDX	13-20	HE3028	\$20.95
<b>BMW</b>	X5 with factory 7-RV	07-24	HE3037	\$94.95
<b>Buick</b>	Enclave with factory 7-RV	08-17	HE3026	\$23.95
<b>Cadillac</b>	Escalade including EXT	'02	HE3025	\$19.95
	Escalade including ESV & EXT	03-06	HE3015	\$19.95
	Escalade	15-23	HE3016	\$23.95
<b>Chevy/GM</b>	Acadia With factory 7RV (incl. 2017 limited)	07-18	HE3026	\$23.95
	Avalanche	2002	HE3025	\$19.95
	Avalanche	03-06	HE3015	\$19.95
	Silverado & Sierra	99-02	HE3025	\$19.95
	Silverado/Sierra, 07 Classic only	03-07	HE3015	\$19.95
	Silverado/Sierra 2500/3500 (07-13 1500)	07-14	***	
	Silverado/Sierra 1500 ('19 Old Body Style)	14-19	HE3016	\$23.95
	Silverado/Sierra 2500/3500HD	15-19	HE3016	\$23.95
	Silverado/Sierra 1500 new body style	19-24	HE3064	\$19.95
	Silverado/Sierra 2500/3500HD	20-24	HE3064	\$19.95
	Suburban with amber turn signals	00-02	HE3025	\$19.95
	Suburban	03-06	HE3015	\$19.95
	Suburban	15-23	HE3016	\$23.95
	Tahoe with amber turn signals	00-02	HE3025	\$19.95
	Tahoe	03-06	HE3015	\$19.95
	Tahoe	15-23	HE3016	\$23.95
	Traverse With factory 7RV	09-18	HE3026	\$23.95
	Yukon/ XL/ 01-02 Denali w/ amber turn signals	00-02	HE3025	\$19.95
	Yukon, inc Denali & XL	03-06	HE3015	\$19.95
Yukon	15-23	HE3016	\$23.95	
<b>Chrysler</b>	Aspen with factory tow pkg	07-09	HE3020	\$19.95
	Pacifica with factory tow pkg	17-23	HE3082	\$29.95
	Voyager with factory 7 way	20-23	HE3082	\$29.95
<b>Dodge</b>	Dakota with factory tow pkg	97-11	HE3020	\$19.95
	Durango with factory tow pkg	98-09	HE3020	\$19.95
	Durango with factory tow pkg	11-23	HE3082	\$29.95
	Ram 1500/2500/3500	95-09	HE3020	\$19.95
	Ram 1500/2500/3500	10-12	HE3021	\$23.95
	Ram 1500/2500/3500 (Not for use in California)	13-14	HE3023	\$35.95
	Ram 1500/2500/350 (Not for use in California)	15-23	HE3024	\$22.95
	Sprinter 2500/3500	07-09	HE3063	\$23.95
<b>Ford</b>	Bronco	94-96	HE3035	\$16.95
	Bronco	21-24	HE3036	\$16.95
	E-350/450 RV Cutaway with Tow Prep Plug	09-11	HE3034	\$19.95
	Econoline**	92-08	HE3035	\$16.95
	Econoline	09-14	HE3034	\$19.95
	Excursion	00-05	HE3035	\$16.95
	Expedition	97-12	HE3035	\$16.95
	Expedition	13-14	HE3034	\$19.95
	Expedition	15-17	HE3036	\$16.95
	Expedition	18-23	HE3036	\$16.95
	Explorer with Factory Tow Pkg	02-23	HE3035	\$16.95
	Explorer Sport Trac with Tow Pkg	07-10	HE3035	\$16.95
	F/150/250 Light Duty	94-08	HE3035	\$16.95
	F-150	09-21	HE3036	\$16.95
	F-250/350/450/550 SD, Excl 98	94-04	HE3035	\$16.95
	F-250/350/450/550 SD *	05-07	HE3065	\$17.95
	F-250/350/450/550 *	08-16	HE3034	\$19.95
F-250/350/450/550 *	17-24	HE3036	\$16.95	

Make	Model	Year	ITEM#	Price
<b>Ford</b>	Flex with factory tow pkg	09-11	HE3035	\$16.95
	Flex with factory tow pkg	12-20	HE3036	\$16.95
	Windstar with factory tow pkg	95-03	HE3035	\$16.95
<b>Freightliner</b>	SL & XC	04-23	HE3027	\$21.95
	Sprinter 1500	12-21	HE3030	\$23.95
	Sprinter 2500/3500	07-21	HE3063	\$23.95
<b>Honda</b>	Pilot with factory tow pkg	09-23	HE3070	\$15.95
	Ridgeline with factory tow pkg	06-14	HE3070	\$15.95
	Ridgeline with factory tow pkg	17-24	HE3070	\$15.95
<b>Hummer</b>	H2	03-07	HE3015	\$19.95
<b>Infiniti</b>	QX56	04-13	HE3050	\$19.95
<b>Jeep</b>	Cherokee	14-23	HE3014	\$22.95
	Gladiator	20-24	HE3073	\$23.95
	Grand Cherokee with factory tow pkg	11-21	HE3082	\$29.95
	Grand Cherokee WK	'22	HE3082	\$29.95
	Wagoneer	22-24	HE3082	\$29.95
	Grand Wagoneer	22-24	HE3082	\$29.95
	Wrangler JL (New body style)	18-24	HE3073	\$23.95
<b>Land Rover</b>	LR3	05-09	HE3035	\$16.95
	LR4	10-16	HE3035	\$16.95
	Range Rover	05-15	HE3035	\$16.95
	Range Rover Evoque	12-19	HE3035	\$16.95
	Range Rover Sport	20-23	HE3035	\$16.95
<b>Lexus</b>	GX 460	10-20	HE3040	\$21.95
	GX 470	03-09	HE3040	\$21.95
	LX 470	03-07	HE3040	\$21.95
	LX 570	08-11	HE3040	\$21.95
	LX 570	13-21	HE3040	\$21.95
<b>Lincoln</b>	Aviator with factory tow pkg	03-05	HE3035	\$16.95
	Mark LT	06-08	HE3035	\$16.95
	MKT with factory tow pkg	10-11	HE3035	\$16.95
	MKT with factory tow pkg	12-19	HE3036	\$16.95
	Navigator	98-12	HE3035	\$16.95
	Navigator	13-14	HE3034	\$19.95
	Navigator	15-24	HE3036	\$16.95
<b>Mercedes-Benz</b>	ML, GL, GLE & GLS series	12-23	HE3066	\$21.95
	Sprinter	07-11	HE3063	\$23.95
	Sprinter 1500	12-21	HE3030	\$23.95
	Sprinter 2500/3500	12-21	HE3063	\$23.95
<b>Mercury</b>	Mountaineer with Tow Pkg	02-10	HE3035	\$16.95
<b>Nissan</b>	Armada	05-23	HE3050	\$19.95
	Frontier	05-23	HE3050	\$19.95
	NV1500, 2500, 3500	13-21	HE3050	\$19.95
	Pathfinder	05-20	HE3050	\$19.95
	Pathfinder Armada	2004	HE3050	\$19.95
	Titan (except XD)	04-23	HE3050	\$19.95
	Xterra with factory tow pkg	05-15	HE3050	\$19.95
<b>Saturn</b>	Outlook with factory 7-way	07-09	HE3026	\$23.95
<b>Subaru</b>	Ascent	19-23	HE3062	\$19.95
<b>Toyota</b>	4-Runner	03-13	HE3040	\$21.95
	4-Runner	14-23	HE3041	\$22.95
	Land Cruiser, Excludes 2012	03-21	HE3040	\$21.95
	Sequoia	03-24	HE3040	\$21.95
	Tacoma	07-15	HE3040	\$21.95
	Tacoma	16-23	HE3031	\$22.95
	Tundra	03-14	HE3040	\$21.95
Tundra	15-17	HE3031	\$22.95	

\*Includes Cab & Chassis      \*\*Includes E-350/450 RV Cutaway with factory tow prep plug  
 \*\*\*07-14 Chevy/GMC full size pickups and SUV: call for install instructions HE90999  
 2008- current Colorado/Canyon with factory installed heavy duty tow package: call for install instructions HE90998  
 2003- current Express/Savannah with factory installed heavy duty tow package: call for install instructions TB09-03



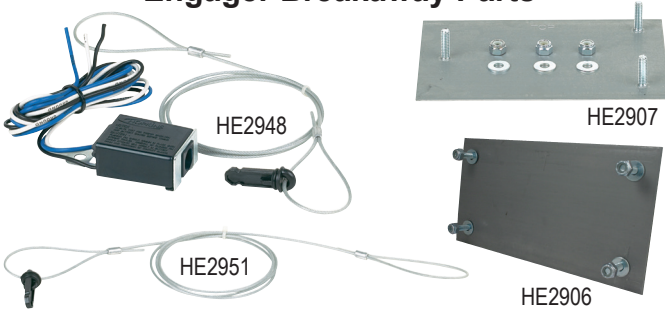
## 5 Amp Breakaway Kits



- Short proof protected
- 5 amp battery included
- Convenient test button verifies battery charge
- LEDs indicate: Fully charged, Re-charge or Charging
- Built-in battery charger charges battery while plugged into vehicle

HE2946	Engager with top lid, 1-2 axles	\$50.95
HE2947	Engager with side lid, 1-2 axles	\$42.95
HE2950	Tekonsha, side or top lid mount, 1-3 axles	\$69.95

## Engager Breakaway Parts



HE2948	1½"x2" cable & switch for Engager with 44" wires	\$8.99
HE2951	Pin & cable for HE2948	\$6.99
HE2952	Pin & cable for old HE2948 (switch size 1½"x3")	\$7.99
HE2954	Replacement lid for HE2946 with LED test light	\$18.95
HE2949L	Box and lid for HE2947 with LED test light	\$34.95
HE2906	Weld-on mounting plate for HE2946	\$13.95
HE2907	Weld-on mounting plate for HE2947	\$9.99

## Circuit Breakers



- Automatic resetting
- Nuts & washers included
- For use in 12V DC applications
- Recommended for use with brake controllers

HECB15	15 amp	\$5.89
HECB20	20 amp (for 1-2 axle trailers)	\$3.59
HECB30	30 amp (for 1-4 axle trailers)	\$3.59
HECB40	40 amp	\$5.79
HECB50	50 amp	\$6.69

## Zip™ Breakaway Cables & Switches



- Keeps cable off the ground and out of harms way while towing.
- Cable easily clips to itself out of the way when not towing

ITEM#	Description	
HE2042	4' Zip™ Coiled Breakaway Cable	\$16.95
HE2040	4' Zip™ Coiled Cable & Switch	\$27.95
HE2047	6' Zip™ Coiled Breakaway Cable	\$18.95
HE2046	6' Zip™ Coiled Cable & Switch	\$30.95
HAQSL38	Replacement 3/8" snap hook	\$2.99

## Replacement Battery Boxes



HE2018 - 1-bolt installation on jack post or A-frame trailer. U-shaped clamp style fastener mounts over most trailer tongues.  
 HE2051 - 4-bolt installation on any flat surface. For use with self tapping screws or similar fasteners. Lockable case.  
 HE20000 - 2-bolt or weldable installation to any surface. Metal mounting bracket and locking bar provide secure battery storage

HE2018	Battery case, metal bracket	\$25.95
HE2051	Battery case, all poly	\$19.95
HE20000	Battery case, lockable metal bracket	\$29.95

## Replacement Breakaway Parts



HE2033- Up to 3 axles, must periodically recharge  
 HE2024 - A maintenance and accelerated recharge battery charging device. Designed to fit securely into any of the breakaway battery boxes. Automatic shut-off feature will not permit battery to overcharge

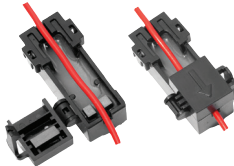
ITEM#	Description	1-9	10+
HE2010	Tekonsha Nylon Breakaway switch	\$13.95	\$12.95
HE2010A	Pin & cable only for HE2010	\$9.29	\$8.29
HE2033	5 amp, 12 volt sealed battery	\$18.95	\$17.95
HE2039	Maintenance trickle charger	\$5.99	
HE2024	Two-stage charger	\$49.95	



## ZCI Converter



Snap, don't snip



- Snap, don't snip - no cutting or splicing vehicle wiring!
- Isolates trailer light operation from tow vehicle's electrical system
- Works with virtually any vehicle on the road including PWM, Multiplexed, & low side switched vehicles
- Integrated auto resetting short & overload protection
- Robust design allows for interior or exterior mounting
- 4.2 amps for turn/stop & 7.5 amps for taillight trailer circuits
- Complete kit, all wire and connectors included

**HT19251** ZCI Universal Converter **\$229.95**

## Universal Wiring Kit



HT46155

- Designed for vehicles not equipped with factory tail light plugs
- Contains everything a you need to complete a 4-wire flat application (3M™ Scotchlok™ splices with grease sealant and a circuit tester)
- Power converter protects fragile electronics on vehicle

**HT46155** With power converter **\$40.95**

## Taillight Converters



HT48915

HT48925

HT48845

- Does not include connectors, tester, or installation instructions.

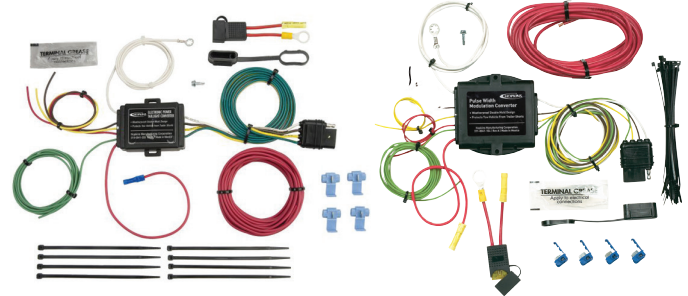
**HT48915** Tail light converter **\$23.95**

**HT48895** LED compatible tail light converter **\$33.95**

**HT48925** Converter with 12" input & 58" output **\$30.95**

**HT48845** Converter only, with 12" wire in & out **\$16.95**

## Power Tail Light Converters



HT46255

HT46375



HT19191

HT19193

These units completely isolate the electronics on the tow vehicle from trailer malfunctions. Power is taken directly from the vehicle battery. All are compatible with LED lights.

- HT46255 Rated for 2 sets of stop/turn signals (5.0 amps)
- HT46375 Rated 8 amps per output; Self-resetting to protect tow vehicle and itself from wiring shorts; Compatible with PWM (pulse width modulation)
- HT19191 Rated 4.2 amps for turn/stop circuit & 7½ amps for taillight circuit. Self-resetting short circuit & overload protection; Compatible with PWM (pulse width modulation)
- HT19193 Rated 4.2amps for turn/stop circuit & 16 amps for taillight circuit. Self-resetting short circuit and overload protection; For vehicles with PWM (pulse width modulation)

**HT46255** Power Converter **\$77.95**

**HT46375** Short Proof Power Converter **\$95.95**

**HT19191** Modulate Power Converter **\$99.95**

**HT19193** Ultra-Protection Power Converter **\$109.95**

### IMPORTANT - CONSULT YOUR OWNER'S MANUAL!

Be sure to read your vehicle's owners manual for information on vehicle to trailer wiring. Many vehicle manufacturers are recommending special precautions be taken to protect the more sophisticated electronics on newer vehicles. Confirm with our hitch & electrical application guide.

## Reverse Converter



- Converts a 2-wire system to a towed vehicle with a 3-wire system

- Not compatible with LED lights

**HT56196** 2-Way to 3-Way Converter **\$33.95**



## Dodge OEM Connectors



- Fits Dodge vehicle with rectangular OEM connector
- HT42145 includes mounting bracket
- Use HT18381 for applications which require a T-connection

HT42145	Dodge OEM to 7 RV & 4-pin flat Multi-Tow	\$42.95
HT42190	Dodge OEM to 7 RV <b>ENDURANCE</b>	\$40.95
HE11899	Dodge OEM to US Car Adapter	\$17.95
HT18381	Dodge OEM to 4-pin Flat	\$40.95

## GM 7 RV OEM Twist-In Connector



- Replacement for GM twist-in connectors with US Car connector
- Durable plastic shell with weather tight seal

**ENDURANCE**  
3 Year Warranty!

HE7PCGM	GM Twist-In 7 RV Connector	\$14.95
HE7EPCGM	GM Twist-In 7 RV <b>ENDURANCE</b>	\$17.95
HT40920	GM Twist-In 7 RV & 4-pin flat <b>ENDURANCE</b>	\$28.95

## Trailer Tester



- Quickly identify your trailer wiring problems
- Test LT, RT, tail/marker, brake, backup and trailer battery
- Tester indicates approximate amount of current in each circuit
- One person operation: each light function flashes 11 times, allowing you to walk around trailer

HE8010	Trailer Tester	\$509.95
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## 12V Plug Adapters



MAES2	Double Adapter Socket	\$9.99
MAE425	Triple Adapter Socket with cord	\$3.99
MAE310	10' extension cord, single socket	\$13.95

## Ford OEM Connector



- Fits most newer Ford Super Duty without US Car Plug

HT40161	Ford OEM to US Car	\$39.95
HT56443	Ford OEM to 7RV, 30" length	\$49.95

## Booster Cables



MABC40	16', 6 gauge Booster Cables	\$24.95
MABC60	20', 4 gauge Booster Cables	\$37.95

## Nylon Cable Ties



HECT	7" long (each)	\$0.19
HECT100	7" long (pack of 100)	\$9.95
HECTL	14" long (each)	\$0.29
HECTL100	14" long (pack of 100)	\$19.95



## U.S. Car Connector Options

Audi/Buick/Cadillac/Chevy/Dodge/Ford/Hummer/Infiniti/Isuzu/Kia/Lincoln/Mercury/Nissan/Oldsmobile/Saab  
 Adapt from the round factory US Car connector to your choice below or replace 7RV on vehicles equipped with 7RV from factory.  
 See application guide on fit detail for your vehicle on pages 155-173

### 7 RV & 4-Pin Flat Combo Connectors



- HT40955/955P includes hardware for bracket & connector
- HT40999 also accepts 5-pin flat plugs
- HT40999/950/950P include 4 connector mounting bolts

ITEM#	Description	bracket	Price
HT40955	Multi-Tow™, bulk	yes	\$25.95
HT40955P	Multi-Tow™, retail package	yes	\$42.95
HT40999	Multi-Tow™ <b>ENDURANCE</b>	no	\$26.95
HT40950	Multi-Tow™ <b>ENDURANCE</b> , no pigtail, bulk	no	\$22.95
HT40950P	Multi-Tow™ <b>ENDURANCE</b> , no pigtail, retail	no	\$28.95

### 7 RV & 4-Pin Flat Dual Lid Combo



HT40975P	Dual lid with bracket and mounting hardware	\$49.95
HT40974	Dual lid without bracket	\$29.95
HT40978	Bracket for HT40974	\$8.95

### 6 Round Connectors



- HT40965P includes mounting bracket HE7BR

HT40888	US Car to 6-pin round metal	\$28.95
HT40965P	US Car to 6-pin round & 4-flat, Multi-Tow™	\$42.95

### 7 RV Connectors



- No mounting bracket included

HT40940	7 RV, no wire harness, <b>ENDURANCE</b> , bulk	\$13.95
HT40940P	7 RV, no wire harness, <b>ENDURANCE</b> , retail	\$18.95
HE11893	7 RV, no wire harness	\$13.95
HT40947	7 RV, metal connector	\$21.95

### 7 HD Connector



HT40777	US Car to 7HD round pin	\$47.95
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### 4-Pin Flat Connector



HT41155	US Car to 4-pin flat	\$25.95
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### US Car Replacement Plug



- Uses 7RV(SAE) color schematic

HE11890	Vehicle US Car Replacement Plug, 9" wire	\$15.95
HT40985	Vehicle US Car Replacement Plug, 48" wire	\$25.95

### US Car to Dual US Car



HT40984	US Car to Dual Us Car Plugs	\$24.95
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## 5<sup>th</sup> Wheel Harness



HT30190



HT41158



HT41157



HT54700



HT54710

- Must be equipped with factory 7 RV

### HT41158

- Installers choice

### HT30190

- Packaged in an attractive retail display box
- Reinforced 90° angle installs easily in hard to reach places
- Complete kit with mounting hardware, zip ties, and instructions

### HT41157

- Packaged in an attractive retail display box
- Reinforced easy-grip lid opens 180° prevents breaking
- Reinforced 90° angle installs easily in hard to reach places
- 3-year warranty on 7RV **ENDURANCE** end

### HT54700

- Sealed 1-piece molded 7RV end in truck bed with rubber jacket
- Includes patented spacer mounting bracket & hardware which allows for easy install in virtually any truck

99-24 Chevy Silverado/Sierra  
 09-24 Dodge/RAM 1500  
 10-24 Dodge/RAM 2500/3500  
 97-24 F-150 & F-250 Light Duty  
 99-24 F-250/350/450/550 Super Duty  
 06-08 Lincoln Mark LT  
 04-24 Nissan Titan  
 10-24 Toyota Tundra

HT41158	6' long, rubber jacket, no mounting hardware	\$62.95
HT30190	7' long, retail package	\$74.95
HT41157	10' long, retail package, hardware included	\$101.95
HT41151	10' long, bulk, no mounting hardware	\$65.95
HT54700	Bargman sealed 5th wheel harness	\$126.95
HT54710	Screw kit for aluminum truck beds	\$10.95

## ENDURANCE 5<sup>th</sup> Wheel Harness

00-09 RAM



HT42137

- Reinforced easy-grip lid opens 180° prevents breaking
- Reinforced 90° angle installs easily in hard to reach places
- 3-year warranty on 7 RV **ENDURANCE** end
- Must be equipped with factory 7 RV

HT42137 00-09 Ram 1500/2500/3500 \$100.95

## ENDURANCE 5<sup>th</sup> Wheel Harness Square Plug



HT40167

- Reinforced easy-grip lid opens 180° prevents breaking
- Reinforced 90° angle installs easily in hard to reach places
- 3-year warranty on 7 RV **ENDURANCE** end
- Must be equipped with factory 4-pin flat

HT40157 99-01 Ford F250/F350 \$105.95

HT40167 02-04 Ford F250/F350 \$92.95

## Junction Box



- Keeps connections dry and corrosion free
- Use #10 (or similar size) ring terminals

HEJB70 7-Terminal Junction Box \$13.95

## Terminal Kits



Variety of Ring, Male & Female, Butt & Spade connectors

MATK 69 Piece Terminal Kit \$13.95





## Vehicle Specific Wiring Part 1

- Please find your vehicle in our application guide (Page 155-173).
- Listed kit will provide a 4-pin flat plug (unless noted otherwise).

## Part 2

- Choose an adapter below if you need 6-pin or 7-RV connector

### Hopkins 4-Pin Flat Adapters



Hopkins connectors plug into 4 pin flat connectors and convert them to 6 pin or a 7 RV plug.

- Mounting bracket is required for HT47205/47200
- Mounting bracket & hardware included with HT47185

HT47205	7 RV Plastic	\$22.95
HT47185	7 RV and 4 way flat Multi-Tow™	\$45.95
HT47200	7 RV <b>ENDURANCE™</b>	\$39.95

### 2-Pin Flat Extension



- 12" long with Corrosion Resistant Terminals

HT47965	2-Way Flat Extension, Both Ends	\$3.95
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### Electrical Contact Grease



HETG00

- Apply to connections to prevent corrosion
- Increase reliability on electrical connectors

HETG00	Terminal Grease, .16 oz packet	\$0.79
HETG03	Terminal Grease, 3 oz tube	\$18.95

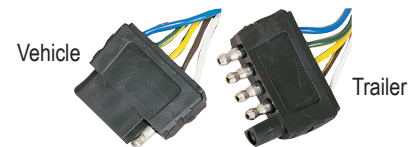
### 9-Pin Round Connectors



HE9HDPC

HE9HDPC	Plastic vehicle end	\$15.95
HE9HDPT	Plastic trailer end	\$13.95

### 5-Pin Flat Connectors



HE560C	5 pin flat vehicle end, 48" long	\$10.95
HE560T	5 pin flat trailer end, 48" long	\$8.99
HE572B	5 pin flat 72" extension, both ends	\$11.95

### 4-Pin Round Connectors



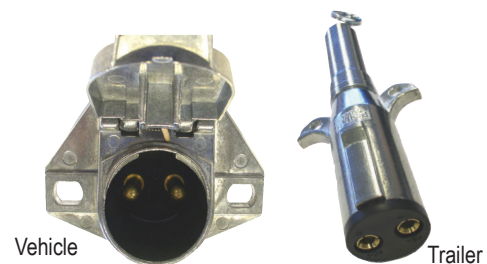
HE4RCC

HE4RCT

- Most commonly used in agricultural & utility trailers without brakes
- Chrome & metal styles do not interchange

HE4RCC	Round chrome vehicle end (small)	\$9.09
HE4RCT	Round chrome trailer end (small)	\$9.89
HE4RMC	Round metal vehicle end (die cast)	\$7.99
HE4RMT	Round metal trailer end (die cast)	\$5.69

### 2-Pin Round HD Connectors



Vehicle

Trailer

HE2HDC	Metal HD vehicle end	\$21.69
HE2HDT	Metal HD trailer end	\$20.95



## 7 RV Connectors



HE7PC  
Vehicle

HE7PT  
Trailer

- 7 RV style with 6 flat blades and 1 pin in the center.

HE7PC	Plastic vehicle end	\$6.59
HE7PT	Plastic trailer end	\$5.39
HE7MC	Metal vehicle end	\$7.71
HE7MT	Metal trailer end	\$7.39

## 7 RV ENDURANCE Connectors



HE7EPC-Vehicle

HE7EPT-  
Trailer

HT47210

- Industry's Best 3-year warranty
- HE7EPC- Reinforced easy-grip lid which opens 180° for easier connections. Long-life oversized hinge. Internal seals for ultimate weatherproofing. Mounting bracket, 4 mounting bolts, & terminal grease packet included.
- HT48470-Multi-tow Vehicle end w/ 7 RV, 5 & 4-flat Connector
- HE7EPT/EMT - Pistol grip connector with corrosion resistant terminals. Mounting bracket & terminal grease packet included.

HE7EPC	<b>ENDURANCE</b> Vehicle end	\$17.95
HT48470	<b>ENDURANCE</b> Multi- Tow Vehicle end	\$34.95
HT47210	<b>ENDURANCE</b> Vehicle end w/ wires	\$34.95
HE7EPT	<b>ENDURANCE</b> Trailer End, Plastic	\$17.95
HE7EMT	<b>ENDURANCE</b> Trailer End, Metal	\$16.95

## Sealed 7 RV Cable & Junction Box



HEST782



Trailer End has  
double-blade,  
self-cleaning connection

- All wires are terminated inside the junction box
- Completely sealed to protect terminals and wires from corrosion.
- 7 RV style (RV industry standard) wiring diagram, page 125

HEST762	7RV trailer end, 6' cord w/ junction box	\$36.95
HEST782	7RV trailer end, 8' cord with junction box	\$52.95

## Sealed 7 RV Cables



HEST780



Trailer End has  
double-blade,  
self-cleaning connection

- Completely sealed to protect terminals and wires from corrosion.
- 7 RV style (RV industry standard) wiring diagram, page 125

HESC740	7RV vehicle end, 4' cord	\$49.95
HEST710	7RV trailer connector kit, 1' cord, includes butt connectors and heat shrink tube	\$26.95
HEST760	7RV trailer end, 6' cord	\$35.95
HEST780	7RV trailer end, 8' cord	\$44.95
HEST700	7RV trailer end, 10' cord	\$57.95
HEST712	7RV trailer end, 12' cord	\$73.95

## Coiled 7 RV Cables

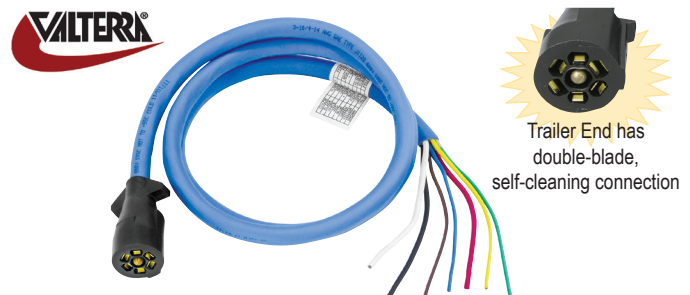


Trailer End has  
double-blade,  
self-cleaning connection

- Trailer end
- Completely sealed to protect terminals and wires from corrosion
- 7 RV style (RV industry standard) wiring diagram, page 125

HEST880	7RV, 8' cord, nice working length 4-6 ft.	\$64.95
HEST881	7RV, 10' cord, nice working length 5-8 ft.	\$71.95
HEST882	7RV, 12' cord, nice working length 6-9 ft.	\$87.95

## Cold Weather Cables



Trailer End has  
double-blade,  
self-cleaning connection

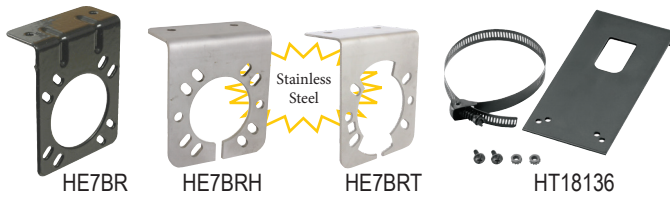
- Soft thermoplastic elastomer casing remains flexible in cold weather
- Rated to -40° F
- Completely sealed to protect terminals and wires from corrosion.
- 7 RV style (RV industry standard) wiring diagram, page 125

HEST960	7 RV trailer end, 6' cord	\$40.95
HEST980	7 RV trailer end, 8' cord	\$49.95
HEST900	7 RV trailer end, 10' cord	\$59.95



# 7 RV Brackets & Testers

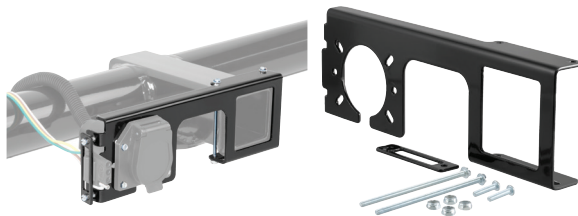
## 7 RV Mounting Brackets



- HE7BRH 7/64" thick. HE7BRT 5/64" thick. Heavy duty stainless!
- A 6-pin plug can also be mounted with these brackets, but it needs to be mounted diagonally, not horizontally.
- HT18136: Attach above or below receiver cross tube w/ included hose clamp. Provides mounting surface for 7RV brackets.

ITEM#	Bolts	Finish	Fit notes	Price
HE7BR	yes	black	Use longer bolts for Multi-tow	\$3.49
HE7BRM	yes	zinc	Use longer bolts for Multi-tow	\$2.99
HE7BRH	no	S.S.	Multi-fit:7 RV, 7 Round Pin, 6-pin	\$11.99
HE7BRT	no	S.S.	Multi-fit:GM twist lock, 7RV, etc	\$11.99
HT18136	yes	black	Hitch cross tube bracket adapter	\$17.95

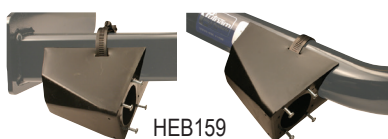
## Easy Mount Combo Electrical Bracket



- Easy to install. No drilling. No clamps.
- Notched design allows access to pin & clip
- Mounts to receiver tube with two provided bolts
- Steel body won't break like competitive plastic products
- For 7RV, 6 round, & 4-5 flat

HE7BRC	Bracket for 2" receivers	\$19.95
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## Mounting Boxes



- Mounts on cross tube of receiver hitch.
- Holds either 6 or 7 way plugs.

HEB159	For square corner or round tube hitches (round tube- cut out semi-circle which is marked)	\$19.95
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## Electrical Testers

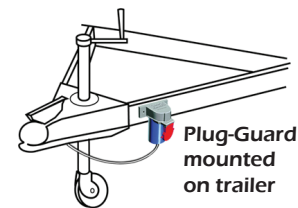
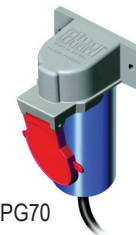


Tests turn signals, brake/tail/backup lights, auxiliary & brake controls  
Great for testing when trailer is not available

HETE- Simulates brake magnet resistance. Necessary to test brake controls with diagnostic functions, including most OEM brake controllers. Not compatible with some GM & Dodge brake controllers  
HEET7- Won't work on most brake controls with diagnostic functions

HETE	Trailer Emulator	\$59.95
HEET7	7 RV Tester	\$13.95

## Plug-Guard™



HEPG70

Plug-Guard mounted on trailer

Clean, efficient, & secure protection from the elements while trailer is not in use. Plug-guard attaches with 2 self tapping screws (included).

HEPG70	7 RV or 7 Round Pin plug-guard	\$16.95
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## Trailer Plug Holders



HEB150



HEB153

HEB150	7 RV Plug Holder	\$7.95
HEB153	7 Round Pin Plug Holder	\$16.95

## Electrical Contact Grease



HETG00

- Apply to connections to prevent corrosion
- Increase reliability on electrical connectors

HETG00	Terminal Grease, .16 oz packet	\$0.79
HETG03	Terminal Grease, 3 oz tube	\$18.95



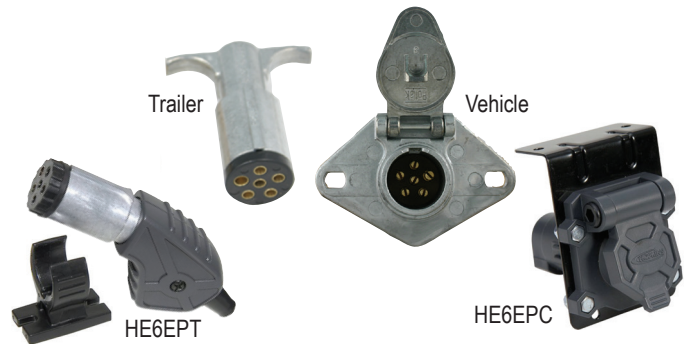
## 7 Round Pin Connectors



7 Heavy Duty Round Pins

HE7HDC	Metal vehicle end	\$8.74
HE7HDT	Metal trailer end with spring	\$8.29
HE7HDPC	Plastic vehicle end	\$8.89
HE7HDPT	Plastic trailer end with spring	\$8.89
HE7HDB	Mounting bracket for vehicle end	\$2.69
HE7HDBT	Rubber boot for back of 7HD vehicle end	\$3.39

## 6-Pin Round Connectors



•HE6EPC- Reinforced easy-grip lid which opens 180° for easier connections. Long life oversized hinge. Internal seals for ultimate weatherproofing. Mounting bracket and terminal grease packet included.

•HE6EPT- Ergonomic pistol grip connector with corrosion resistant terminals. Mounting Bracket and terminal grease packet included.

HE6MC	Die Cast Metal vehicle end	\$9.45
HE6MT	Die Cast Metal trailer end	\$6.59
HE6MTS	Die Cast Metal trailer end w/ cable-guard spring	\$8.59
HE6EPC	Vehicle end, <b>ENDURANCE™</b>	\$17.95
HE6EPT	Trailer End, <b>ENDURANCE™</b>	\$15.95

## 7 Round Pin Electrical Tester



Trailer lights don't work?

LED's light up if there is current on the circuit.

HEET7HD	7 round pin tester	\$22.95
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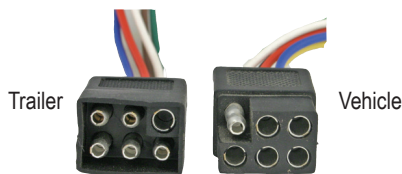
## Sealed 6-Pin Round Cables



These plugs are wired and completely sealed to protect terminals and wires from corrosion.

HEST680	6 pin trailer end, 8' cord	\$40.95
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## 6 Pin Square Connectors



HE6ST	Trailer end	\$3.99
HE6SC	Vehicle end	\$3.99

## 6 Pin Round Electrical Tester



Find the source of your problem!

LED's will light up if there is current on the circuit.

HEET6	6 pin round tester	\$11.29
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## 6-Pin Mounting Brackets



HE6BR: Mounts 6 pin vehicle end connectors

HE6BR	6 pin bracket	\$2.79
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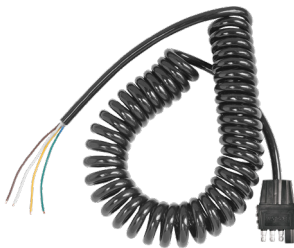
# 4-Pin Flat Connectors

## 4-Pin Flat Connectors



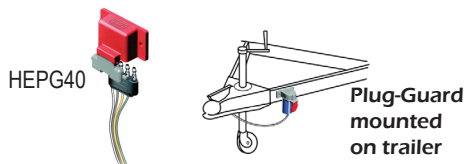
HE418C	48" Vehicle end pigtail with 18" ground	\$1.49
HE448C	48" Vehicle end pigtail	\$4.99
HE460C	60" Vehicle end pigtail	\$5.09
HE412T	12" Trailer end pigtail	\$2.89
HE448T	48" Trailer end pigtail	\$4.39
HE4Y	25' Trailer harness "Y"	\$13.95
HE4S	12" Splitter cord	\$16.00
HE412B	12" Extension cord, both ends	\$4.69
HE472B	72" Extension cord, both ends	\$8.99
HE4X10	10' Extension cord, both ends	\$16.95
HE4X	24' Extension cord, both ends	\$29.95

## 4-Pin Flat Coiled Cable



- Trailer end
  - Completely sealed to protect terminals and wires from corrosion
- |         |   |         |
|---------|---|---------|
| HE411TC | 4-Pin flat, 11' cord, nice working length 5-8 ft. | \$38.95 |
|---------|---|---------|

## Plug-Guard™



- Don't let your 4 flat drag on the ground and fill with road grime. Use on car or trailer end. Attach with 2 self-tapping screws (incl.)
- |        |   |         |
|--------|---|---------|
| HEPG40 | 4 or 5-way flat plug-guard for car or trailer end | \$16.95 |
|--------|---|---------|

## 4-Pin Flat Quick Fix



- No connectors or tools needed -insert wires & push shut
- |         |                                  |        |
|---------|----------------------------------|--------|
| HT48195 | Quick Fix, Trailer & Vehicle End | \$8.99 |
|---------|----------------------------------|--------|

## Easy-Pull™ 4-Pin Flat



- Endurance™ Professional Grade with 3-year warranty
  - Through-hole finger grip eliminates slipping and reduces damage
- |          |   |        |
|----------|---|--------|
| HE448CR  | 48" Easy-Pull™ Vehicle end                | \$8.99 |
| HE412TR  | 12" Easy-Pull™ Trailer End                | \$6.99 |
| HE448TR  | 48" Easy-Pull™ Trailer End                | \$7.99 |
| HE448TJR | 48" Easy-Pull™ Trailer End, jacketed cord | \$8.79 |
| HE412BR  | 12" Easy-Pull™ Extension Cord, both ends  | \$9.99 |

## 4-Pin Flat Mounting Brackets



- HT18144 Not compatible with HE418C, HE448C, and HE460C. Fits most Draw-tite, Tow Ready, and CURT connectors.
- HT48595 fits Hopkins connectors well. Bracket folds over 4-way flat connector. 2 screws mount bracket to frame. Use HT48735 dust cover to offer protection for your 4-pin flat.

HT18144	4-pin-flat bracket, hardware included	\$9.99
HT48595	4-pin-flat clamp, hardware included	\$4.99

## 4-Pin Mounting Bracket & Accessories



- HT48605 holds HT47605 or HEKAW
  - HT47605 plug into standard 4 pin flat connectors
  - HEKAW is for hardwiring applications
- |         |   |        |
|---------|---|--------|
| HT48605 | Mounting Bracket                            | \$5.99 |
| HT47605 | 4-Pin Flat Hole Adapter                     | \$7.95 |
| HEKAW   | 4-Pin Flat Hole Adapter with 36" wire leads | \$9.99 |

## 4-Pin Flat Tester & Dust Covers



HEET1R	4-flat Easy-Pull™ tester	\$8.99
HEET1	4 pin Flat Tester, slide on your key chain	\$3.99
HT48735	Pair of Dust Covers & Terminal Grease Packet	\$4.99
HE499DT	4 pin flat dust cover for trailer end	\$2.29

## Electrical Adapters



- Keep it plug-in simple!
- HEA67HDM is a metal adapter
- HEA74HD: Will not provide brake light on semi-tractor applications.

ITEM#	Vehicle has...	Trailer has...	Price
HEA64	6-pin round	4-pin flat	\$5.29
HEA67HDM	6-pin round	7 round pin	\$26.95
HEA74	7 RV	4 pin flat	\$6.79
HEA76	7 RV	6-pin round	\$6.59
HEA764	7 RV	6-pin round & 4-pin flat	\$24.95
HEA754	7 RV	5-pin flat & 4-pin flat	\$24.95
HEA74HD	7 round pin	4-pin flat (See note)	\$9.19

## Deluxe Adapters



- HEA74L: LED lights will light up when terminal has electricity.
- HEA74NG: Night Glow when tail lights are on

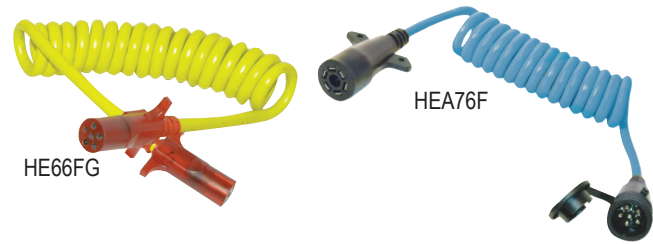
ITEM#	Vehicle has...	Trailer has...	Price
HEA74L	7 RV	4-pin flat	\$9.99
HEA74NG	7 RV	4-pin flat	\$15.95

## Special Order Extension Cords

ITEM#	Description	Price
HEC6M	6-pin round metal connectors, 8'	\$69.95
HEC7P	7 RV plastic, 8'	\$69.95
HEC770	7 RV plastic, 7' ready made, stock item	\$59.95
HEC7M	7 RV metal, 8'	\$69.95
HEC7HDP	7 round pin plastic, 8'	\$69.95
HEC7HDM	7 round pin metal, 8'	\$69.95

- HEC770 cannot be ordered at a special length
- Longer than 8' add \$1.00 per foot
- Shorter than 8' is the same price
- Allow 2 extra business days for your order
- Shipping charges apply if shipped separate from rest of order

## Flex-coiled Adapters and Extensions



- Heavy duty coiled cable provides durability and wire extension.
- Adapters with Nite-glow (NG) light up when the tow vehicles tail lights are illuminated. Helps boaters see their wiring during the dawn and dusk hours

ITEM#	Vehicle has...	Trailer has...	Length	Price
The three items below are extensions, trailer connector on both ends				
HE44FG	4 small round	4 small round	NG 8'	\$58.95
HE66FG	6-pin round	6-pin round	NG 8'	\$73.95
HE77FHD	7 round pin	7 round pin	12'	\$72.95
The three items below are regular adapters				
HEA74FG	7 RV	4-pin flat	NG 3'	\$48.95
HEA75F	7 RV	5-pin flat	3'	\$53.95
HEA76F	7 RV	6-pin round	3'	\$72.95

## Corded Adapters



Keep it plug in simple! Not all adapters are available in the one piece compact style. For those applications we offer corded adapters, made of standard trailer plugs and rubber cord.

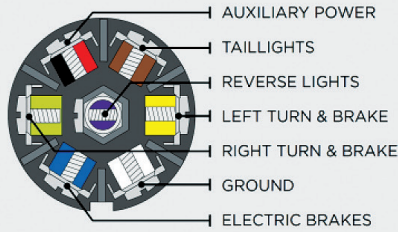
- User MUST VERIFY all functions are working before towing trailer.
- Some applications may require changing wires inside connectors.
- HEA77: Semi-tractor trailer application needs after-market brake control. Will not provide brake light on semi-tractor applications.
- HEA74HDC: w/ built in converter, provides brake lights in semi applications. Does not provide trailer brakes function.

ITEM#	Vehicle has...	Trailer has...	Price
HEA46	4 pin flat	6 pin round	\$19.95
HEA47	4 pin flat	7 RV	\$14.95
HEA47HD	4 pin flat	7 round pin	\$25.95
HEA44A	4 pin round	4 pin flat	\$13.95
HEA67	6 pin round	7 RV	\$23.95
HEA67HD	6 pin round	7 round pin	\$41.95
HEA7R7H	7 RV	7 round pin	\$28.69
HEA7HD6	7 round pin	6 pin round	\$45.95
HEA77	7 round pin	7 RV	\$24.79
HEA74HDC	7 round pin	4 pin flat	\$40.95

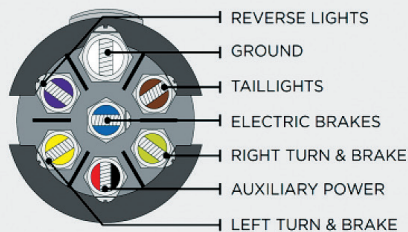


Identify the wires by function. Color coding is not standard among all manufacturers. Illustrations represent the rear views (terminal side) of the connectors.

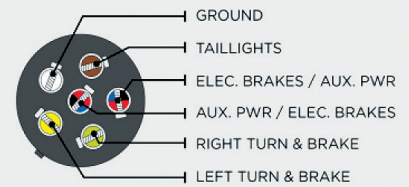
## Vehicle Connectors



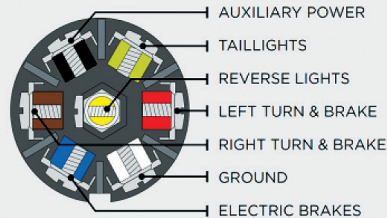
7 RV (SAE)



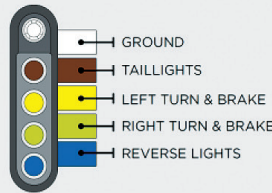
7 ROUND PIN



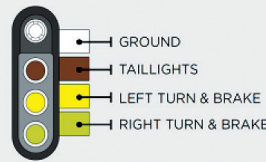
6 ROUND



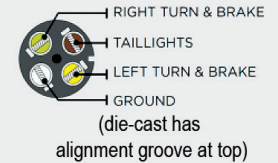
7 RV (Typical RV industry)



5 FLAT

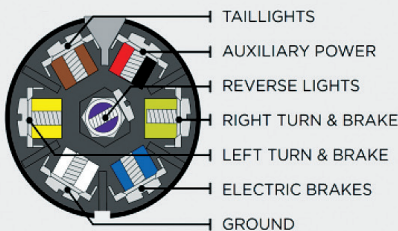


4 FLAT

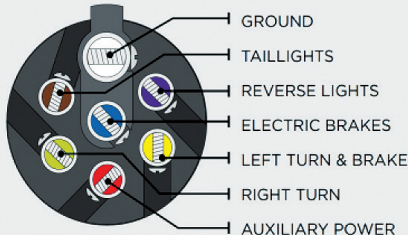


4 ROUND (small)

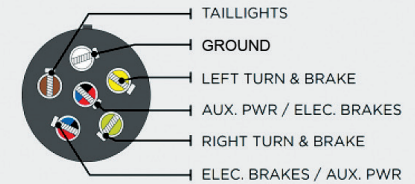
## Trailer Connectors



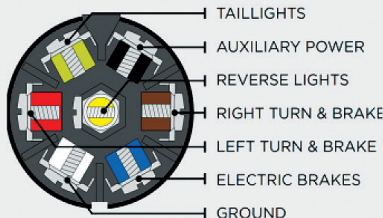
7 RV (SAE)



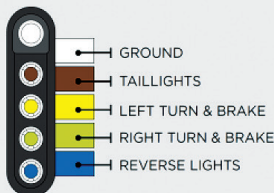
7 ROUND PIN



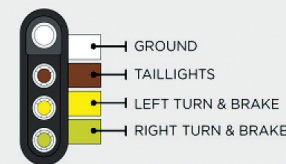
6 ROUND



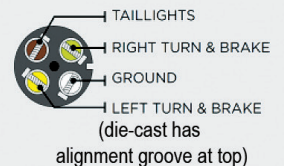
7 RV (Typical RV industry)



5 FLAT



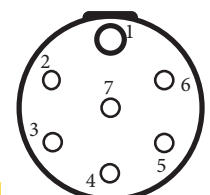
4 FLAT



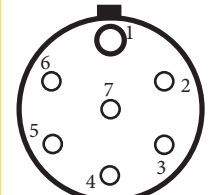
4 ROUND (small)

## 7 ROUND variations

Tractor trailers with air brakes	Other trailers with electric brakes	Farm equipment
1 - ground	1 - ground	1 - ground
2 - marker/clearance	2 - tail/clearance, or reverse lights	2 - work lights
3 - left turn	3 - left turn	3 - left turn
4 - brake lights	4 - auxiliary	4 - key on auxiliary power
5 - right turn	5 - right turn	5 - right turn
6 - three bar marker, tail	6 - tail/clearance	6 - road/tail lights
7 - auxiliary	7 - electric brakes	7 - auxiliary/ brake power



vehicle



trailer