

## Trailer Cable



HEW14R



HEW614



HEW712

ITEM#	Strands/Gauge	1-99'	100' + per ft	Price
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



HEWH122C



HEWD122

ITEM#	Strands/Gauge	Price
HEWH122C	100' roll, 2 strands/12ga, bonded	\$110.95
HEWH122D	250' roll, 2 strands/12ga, bonded	\$259.95
	1-99'	100' + per ft
HEWD162	2 strands/16ga, jacketed	\$0.50 \$0.44
HEWD142	2 strands/14ga, jacketed	\$0.67 \$0.59
HEWD122	2 strands/12ga, jacketed	\$0.97 \$0.87

## 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
HEWB164D	250 foot roll	\$219.95

## "Flex Guard" Split Loom



•Black polyethylene material split lengthwise. Hold and protect wires

HEWL	⅜", cut to your length	\$0.50
HEWLC	⅜", 100 foot roll	\$27.95
HEWL12	½", cut to your length	\$0.79
HEWL12C	½", 100 foot roll	\$43.95
HEWL34	¾", cut to your length	\$0.99
HEWL34C	¾", 100 foot roll	\$50.95
HEWL1	1", cut to your length	\$1.99
HEWL1C	1", 100 foot roll	\$112.95

## Primary Trailer Wire



HEWP215



HEWP472

ITEM#	Color	Gauge	Length	Price
HEWP625	White	16ga	500'	\$75.95
HEWP635	Black	16ga	500'	\$75.95
HEWP645	Green	16ga	500'	\$75.95
HEWP655	Yellow	16ga	500'	\$75.95
HEWP665	Brown	16ga	500'	\$75.95
HEWP415	Red	14ga	500'	\$105.95
HEWP412	Red	14ga	25'	\$8.99
HEWP425	White	14ga	500'	\$105.95
HEWP422	White	14ga	25'	\$8.99
HEWP435	Black	14ga	500'	\$105.95
HEWP432	Black	14ga	25'	\$8.99
HEWP445	Green	14ga	500'	\$105.95
HEWP455	Yellow	14ga	500'	\$105.95
HEWP465	Brown	14ga	500'	\$105.95
HEWP475	Blue	14ga	500'	\$105.95
HEWP472	Blue	14ga	25'	\$8.99
HEWP215	Red	12ga	500'	\$159.95
HEWP214	Red	12ga	100'	\$34.95
HEWP212	Red	12ga	25'	\$13.95
HEWP225	White	12ga	500'	\$159.95
HEWP224	White	12ga	100'	\$34.95
HEWP235	Black	12ga	500'	\$159.95
HEWP234	Black	12ga	100'	\$34.95
HEWP232	Black	12ga	25'	\$13.95
HEWP275	Blue	12ga	500'	\$159.95
HEWP274	Blue	12ga	100'	\$34.95
HEWP272	Blue	12ga	25'	\$13.95
HEWP114	Red	10ga	100'	\$55.95
HEWP134	Black	10ga	100'	\$55.95

## Split-Loom Clamps



•Plated steel with soft PVC cushion

•.265 mounting hole

ITEM#	Description	1-99 ea	100pk ea
HEWLC3	⅜" Split Loom Clamp	\$1.19	\$1.05
HEWLC4	½" Split Loom Clamp	\$1.24	\$1.09
HEWLC6	¾" Split Loom Clamp	\$1.29	\$1.12
HEWLC8	1" Split Loom Clamp	\$1.39	\$1.23

# Electrical Supplies



## 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 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	\$17.95
HEHS3	12-10 ga Heat Shrink Tubing, 1/4", 25 ft	\$20.95
HEHS6	1-1/0 ga Heat Shrink Tubing, 3/4", 25 ft	\$36.95
MAHS110	110 Piece Heat Shrink Kit	\$15.95

## Electrical Tape



MTEL	7 mil electrical tape, 3/4" x 60 feet	\$2.99
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## 3-Way Quick Splice



- UL-CSA listed waterproof

HEQS3	14-22 ga with silicone waterproof gel	\$1.99
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## Die-Electric Grease



HETG00



HETG04

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

HETG00	Die-Electric Grease, .16 oz packet	\$1.09
HETG03	Die-Electric Grease, 3 oz tube	\$14.95
HETG04	Die-Electric Grease, 4 oz tube	\$16.95

## Terminal Kits



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

MATK	69 Piece Terminal Kit	\$16.95
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## Heat-Shrink Connectors



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

ITEM#	Description	1-99 ea	100pk ea
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### Heat Shrink Ring Connectors

HETRH123	12-10 ga Yellow Heat Shrink #10	\$0.59	\$0.48
HETRH125	12-10 ga Yellow Heat Shrink 3/16"	\$0.75	\$0.60
HETRH126	12-10 ga Yellow Heat Shrink 3/8"	\$0.80	\$0.64
HETRH163	16-14 ga Blue Heat Shrink #10	\$0.43	\$0.34
HETRH165	16-14 ga Blue Heat Shrink 5/16"	\$0.60	\$0.48
HETRH166	16-14 ga Blue Heat Shrink 3/8"	\$0.54	\$0.43
HETRH223	22-16 ga Red Heat Shrink #10	\$0.45	\$0.36

### Heat Shrink Butt Connectors

HEBCH22	22-16 ga Red Heat Shrink	\$0.41	\$0.37
HEBCH16	16-14 ga Blue Heat Shrink	\$0.43	\$0.35
HEBCH12	12-10 ga Yellow Heat Shrink	\$0.59	\$0.53

## Standard Connectors



HEQS HETR12 HEBC22

ITEM#	Description	1-99 ea	100pk ea
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HEQS	18-14 ga Quick-Splice Connector	\$0.29	\$0.27
HEQS1	12-10 ga Quick-Splice Connector	\$0.39	\$0.37

### Vinyl Ring Connectors

HETR12	12-10 ga Yellow Vinyl #10	\$0.39	\$0.34
HETR16	14-16 ga Blue Vinyl #10	\$0.30	\$0.26

### 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	\$0.24	\$0.19



# Tekonsha Brake Control Connectors

**TEKONSHA®**

## Tekonsha Brake Control Connectors

Make	Model	Year	ITEM#	Price
<b>Acura</b>	MDX	13-20	HE3028	\$22.95
<b>Audi</b>	Q5	18-25	HE3072	\$27.95
	Q7	07-25	HE3072	\$27.95
	SQ5	14-25	HE3072	\$27.95
<b>Buick</b>	Enclave with factory 7-RV	08-17	HE3026	\$15.95
<b>Cadillac</b>	Escalade including EXT	'02	HE3025	\$14.95
	Escalade including ESV & EXT	03-06	HE3015	\$14.95
	Escalade	15-26	HE3016	\$15.95
<b>Chevy/ GM</b>	Acadia With factory 7RV (incl. 2017 limited)	07-18	HE3026	\$15.95
	Avalanche	2002	HE3025	\$14.95
	Avalanche	03-06	HE3015	\$14.95
	Silverado & Sierra	99-02	HE3025	\$14.95
	Silverado/Sierra, 07 Classic only	03-07	HE3015	\$14.95
	Silverado/Sierra 2500/3500 (07-13 1500)	07-14	***	
	Silverado/Sierra 1500 ('19 Old Body Style)	14-19	HE3016	\$15.95
	Silverado/Sierra 2500/3500HD	15-19	HE3016	\$15.95
	Silverado/Sierra 1500 new body style	19-26	HE3064	\$12.95
	Silverado/Sierra 2500/3500HD	20-26	HE3064	\$12.95
	Suburban with amber turn signals	00-02	HE3025	\$14.95
	Suburban	03-06	HE3015	\$14.95
	Suburban	15-26	HE3016	\$15.95
	Tahoe with amber turn signals	00-02	HE3025	\$14.95
	Tahoe	03-06	HE3015	\$14.95
	Tahoe	15-26	HE3016	\$15.95
	Traverse With factory 7RV	09-18	HE3026	\$15.95
	Yukon/ XL/ 01-02 Denali w/ amber turn signals	00-02	HE3025	\$14.95
	Yukon, inc Denali & XL	03-06	HE3015	\$14.95
	Yukon	15-26	HE3016	\$15.95
<b>Chrysler</b>	Aspen with factory tow pkg	07-09	HE3020	\$16.95
	Pacifica with factory tow pkg	17-26	HE3082	\$15.95
	Voyager with factory 7 way	20-26	HE3082	\$15.95
<b>Dodge</b>	Dakota with factory tow pkg	97-11	HE3020	\$16.95
	Durango with factory tow pkg	98-09	HE3020	\$16.95
	Durango with factory tow pkg	11-26	HE3082	\$15.95
	Ram 1500/2500/3500	95-09	HE3020	\$16.95
	Ram 1500/2500/3500	10-12	HE3021	\$16.95
	Ram 1500/2500/3500 (Not for use in California)	13-14	HE3023	\$22.95
	Ram 1500/2500/350 (Not for use in California)	15-24	HE3024	\$19.95
	Sprinter 2500/3500	07-09	HE3063	\$24.95
<b>Ford</b>	Bronco	94-96	HE3035	\$16.95
	Bronco	21-26	HE3036	\$14.95
	E-350/450 RV Cutaway with Tow Prep Plug	09-11	HE3034	\$11.95
	Econoline**	92-08	HE3035	\$16.95
	Econoline	09-14	HE3034	\$11.95
	Excursion	00-05	HE3035	\$16.95
	Expedition	97-12	HE3035	\$16.95
	Expedition	13-14	HE3034	\$11.95
	Expedition	15-17	HE3036	\$14.95
	Expedition	18-25	HE3036	\$14.95
	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	09-26	HE3036	\$14.95
	F-250/350/450/550 SD, Excl 98	94-04	HE3035	\$16.95
	F-250/350/450/550 SD *	05-07	HE3065	\$14.95
	F-250/350/450/550 *	08-16	HE3034	\$11.95
	F-250/350/450/550 *	17-26	HE3036	\$14.95

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	\$14.95
	Windstar with factory tow pkg	95-03	HE3035	\$16.95
<b>Freightliner</b> SL & XC		04-23	HE3027	\$24.95
	Sprinter 1500	12-21	HE3030	\$19.95
	Sprinter 2500/3500	07-21	HE3063	\$24.95
<b>Honda</b>	Pilot with factory tow pkg	09-24	HE3070	\$14.95
	Ridgeline with factory tow pkg	06-14	HE3070	\$14.95
	Ridgeline with factory tow pkg	17-25	HE3070	\$14.95
<b>Hummer</b> H2		03-07	HE3015	\$14.95
<b>Hyundai</b>	Palisade	20-25	HE3081	\$16.95
	Santa Cruz	22-26	HE3081	\$16.95
<b>Infiniti</b>	QX56	04-13	HE3050	\$16.95
<b>Jeep</b>	Cherokee	14-23	HE3014	\$15.95
	Gladiator	20-25	HE3073	\$24.95
	Grand Cherokee with factory tow pkg	11-25	HE3082	\$15.95
	Grand Cherokee WK	'22	HE3082	\$15.95
	Wagoneer	22-25	HE3082	\$15.95
	Grand Wagoneer	22-25	HE3082	\$15.95
	Wrangler JL (New body style)	18-25	HE3073	\$24.95
<b>Kia</b>	Telluride	20-24	HE3081	\$16.95
<b>Lexus</b>	GX 460	10-20	HE3040	\$16.95
	GX 470	03-09	HE3040	\$16.95
	LX 470	03-07	HE3040	\$16.95
	LX 570	08-11	HE3040	\$16.95
	LX 570	13-21	HE3040	\$16.95
<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	\$14.95
	Navigator	98-12	HE3035	\$16.95
	Navigator	13-14	HE3034	\$11.95
	Navigator	15-24	HE3036	\$14.95
<b>Mercedes-Benz</b> ML, GL, GLE & GLS series		12-23	HE3066	\$21.95
	Sprinter	07-11	HE3063	\$24.95
	Sprinter 1500	12-21	HE3030	\$19.95
	Sprinter 2500/3500	12-21	HE3063	\$24.95
<b>Mercury</b>	Mountaineer with Tow Pkg	02-10	HE3035	\$16.95
<b>Nissan</b>	Armada	05-25	HE3050	\$16.95
	Frontier	05-26	HE3050	\$16.95
	NV1500, 2500, 3500	13-21	HE3050	\$16.95
	Pathfinder	05-20	HE3050	\$16.95
	Pathfinder Armada	2004	HE3050	\$16.95
	Titan (except XD)	04-23	HE3050	\$16.95
	Xterra with factory tow pkg	05-15	HE3050	\$16.95
<b>Saturn</b>	Outlook with factory 7-way	07-09	HE3026	\$15.95
<b>Subaru</b>	Ascent	19-23	HE3062	\$19.95
<b>Toyota</b>	4-Runner	03-13	HE3040	\$16.95
	4-Runner	14-23	HE3041	\$16.95
	Land Cruiser, Excludes 2012	03-21	HE3040	\$16.95
	Sequoia	03-25	HE3040	\$16.95
	Tacoma	07-15	HE3040	\$16.95
	Tacoma	16-25	HE3031	\$16.95
	Tundra	03-14	HE3040	\$16.95
	Tundra	15-17	HE3031	\$16.95
<b>Volkswagen</b> Atlas		18-20	HE3072	\$27.95
	Touareg	04-17	HE3072	\$27.95

\*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 installation instructions HE90999

2008- current Colorado/Canyon with factory installed heavy duty tow package: call for installation instructions HE90998

2003- current Express/Savana with factory installed heavy duty tow package: call for installation instructions TB09-03

# Tekonsha Brake Controllers



## 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
- Use Tekonsha Plug & Play harnesses on page 129

### 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	\$222.95
HE90885	Prodigy P2 Brake Control — 1-4 axles	\$166.95
HE90160	Primus IQ Brake Control — 1-3 axles	\$122.95

## 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
- Compatible with electric over hydraulic trailer brakes
- Limited lifetime warranty
- Use Tekonsha Plug & Play harnesses on page 129

HE90920	Prodigy iD Brake Control, 1-4 axles	\$255.95
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## Voyager 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
- Compatible with electric over hydraulic trailer brakes
- Limited lifetime warranty
- Use Tekonsha Plug & Play harnesses on page 129

HE90930	Voyager iD Brake Control, 1-3 axles	\$133.95
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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

HE902503	Prodigy RF Brake Control, 1-3 axles	\$446.95
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# Tekonsha Brake Controllers

## Tekonsha Brakeman IV



- Time-activated braking
- Display shows voltage to trailer during braking
- Output (Gain) and sync controls buttons
- Manual Override slide control
- Real time comprehensive diagnostics
- Short proof protected
- Compatible with electric over hydraulic trailer brakes
- Limited lifetime warranty
- Use Tekonsha Plug & Play harnesses on page 129

HE8219 Brakeman Brake Control, 1-4 axles



## 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
- Limited lifetime warranty
- Use Tekonsha Plug & Play harnesses on page 129

HE90102 Hopkins Agility Brake Control, 1-4 axles

\$136.95

## 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
- 5-year limited warranty
- Use Tekonsha Plug & Play harnesses on page 129

HE8220 BRAKE-EVN Brake Control, 1-4 axles

\$99.95



## Tekonsha Pilot & Pod



HE80550



HE80500

- Manual over-ride control
- HE80550: time-activated, digital readout, limited lifetime warranty
- HE80500: time-activated, LED status indicator, 5 yr warranty
- Use Tekonsha Plug & Play harnesses on page 129

HE80550 Pilot Brake Control, 1-3 axles

\$90.95

HE80500 Pod Brake Control, 1-2 axles

\$69.95

## Replacement Brake Control Accessories



- Inertia braking sensor continually calculates the braking power
- Green LED, monitors a secure connection with trailer & changes to red to indicate increase of power to the trailer.
- 5-year limited warranty
- Use Tekonsha Plug & Play harnesses on page 129

HE9030 Voyager Brake Control — 1-4 axles

\$111.95

HE7685

P-3 & Prodigy, metal mounting bracket

\$12.95

HE5280 Primus IQ & Envoy, metal mounting bracket

\$8.95

HE2178 Voyager & Pod, metal mounting bracket

\$8.19

HE5900 P-3 clip/pocket mount kit

\$7.99

HE7686 Prodigy & P2, pocket mount kit

\$16.95

HE7894 Tekonsha harness, no vehicle end, 2' long

\$19.95

# CURT Brake Controllers



## Echo Brake Controls



Echo Under-Dash Brake Controller



HE51190



HE51180

Echo 7RV  
Brake Controller



HE51200  
Echo In-Line Brake Controller



Echo Manual  
Override Button  
HE51189

- 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
- 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

### 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	\$279.95
HE51190	Echo Under-dash brake controller, 1-4 axles	\$348.95
HE51200	Echo In-Line brake controller	\$414.95
HE51189	Manual override button for all Echo devices	\$62.95

## 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
- Limited lifetime warranty

HE51170      Spectrum Brake Control, 1-4 axles      \$259.95

## Triflex Brake Control



- Total proportional braking- even in reverse
- Reverse-polarity and short-circuit protection
- No level adjustment necessary, adjusts to varying terrain as you drive
- Limited lifetime warranty
- 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

HE51146      Triflex Proportional Brake Control, 1-4 axles      \$135.95



# Curt Brake Control Connectors

Make	Model	Year	ITEM#	Price
<b>Cadillac</b>	Escalade including EXT	00-02	<b>HE51342</b>	<b>\$13.95</b>
	Escalade including ESV & EXT	03-06	<b>HE51352</b>	<b>\$13.95</b>
	Escalade	14-20	<b>HE51451</b>	<b>\$15.95</b>
	Escalade	21-26	<b>HE51525</b>	<b>\$15.95</b>
<b>Chevy/GM</b>	Avalanche	2002	<b>HE51342</b>	<b>\$13.95</b>
	Avalanche	03-06	<b>HE51352</b>	<b>\$13.95</b>
	Silverado/Sierra 1500/2500	99-02	<b>HE51342</b>	<b>\$13.95</b>
	Silverado/Sierra 1500/2500 HD, 3500	01-02	<b>HE51342</b>	<b>\$13.95</b>
	Silverado/Sierra, 07 Classic only	03-07	<b>HE51352</b>	<b>\$13.95</b>
	Silverado/Sierra 2500/3500 (07-13 1500)	07-14	***	
	Silverado/Sierra 1500 ('19 Old Body Style)	14-19	<b>HE51451</b>	<b>\$15.95</b>
	Silverado/Sierra 2500/3500HD	15-19	<b>HE51451</b>	<b>\$15.95</b>
	Silverado/Sierra 1500 new body style	19-26	<b>HE51525</b>	<b>\$15.95</b>
	Silverado/Sierra 2500/3500HD	20-26	<b>HE51525</b>	<b>\$15.95</b>
	Suburban	03-06	<b>HE51352</b>	<b>\$13.95</b>
	Suburban	15-20	<b>HE51451</b>	<b>\$15.95</b>
	Suburban	21-26	<b>HE51525</b>	<b>\$15.95</b>
	Tahoe	03-06	<b>HE51352</b>	<b>\$13.95</b>
	Tahoe	15-20	<b>HE51451</b>	<b>\$15.95</b>
	Tahoe	21-26	<b>HE51525</b>	<b>\$15.95</b>
	Yukon, including XL	00-02	<b>HE51342</b>	<b>\$13.95</b>
	Yukon, including XL	03-06	<b>HE51352</b>	<b>\$13.95</b>
	Yukon	15-20	<b>HE51451</b>	<b>\$15.95</b>
	Yukon	21-26	<b>HE51525</b>	<b>\$15.95</b>
<b>Chrysler</b>	Aspen	07-09	<b>HE51332</b>	<b>\$15.39</b>
<b>Dodge</b>	Dakota	97-10	<b>HE51332</b>	<b>\$15.39</b>
	Durango	98-09	<b>HE51332</b>	<b>\$15.39</b>
	Ram 1500/2500/3500	95-09	<b>HE51332</b>	<b>\$15.39</b>
	Ram 1500/2500/3500	10-12	<b>HE51438</b>	<b>\$13.95</b>
	Ram 1500/2500/3500	13-14	<b>HE51453</b>	<b>\$22.95</b>
	Ram 1500/2500/350 w/o factory brake control	15-24	<b>HE51457</b>	<b>\$18.95</b>
<b>Ford</b>	Bronco	94-96	<b>HE51322</b>	<b>\$13.95</b>
	Bronco w/ factory 7-way	21-26	<b>HE51436</b>	<b>\$13.95</b>
	E350 Econoline	92-98	<b>HE51322</b>	<b>\$13.95</b>
	E250 Econoline, E350 Ecoline Club Wagon	92-02	<b>HE51322</b>	<b>\$13.95</b>
	E350 Super Duty, E250	09-14	<b>HE51432</b>	<b>\$13.95</b>
	Excursion	00-05	<b>HE51322</b>	<b>\$13.95</b>
	Expedition	97-12	<b>HE51322</b>	<b>\$13.95</b>
	Expedition	13-14	<b>HE51432</b>	<b>\$13.95</b>
	Expedition	15-17	<b>HE51436</b>	<b>\$13.95</b>
	Explorer	02-20	<b>HE51322</b>	<b>\$13.95</b>
	Explorer Sport Trac with Tow Pkg	07-10	<b>HE51322</b>	<b>\$13.95</b>
	F-150	94-08	<b>HE51322</b>	<b>\$13.95</b>
	F-150	09-26	<b>HE51436</b>	<b>\$13.95</b>
	F-250	94-97	<b>HE51322</b>	<b>\$13.95</b>
	F-350	94-96	<b>HE51322</b>	<b>\$13.95</b>
	F-250/350 Super Duty	99-04	<b>HE51322</b>	<b>\$13.95</b>
	F-250/350/450/550 Super Duty *	05-07	<b>HE51372</b>	<b>\$13.95</b>
	F-250/350/450/550 Super Duty *	08-16	<b>HE51432</b>	<b>\$13.95</b>
	F-250/350/450/550 Super Duty *	17-26	<b>HE51436</b>	<b>\$13.95</b>
	Flex	09-11	<b>HE51322</b>	<b>\$13.95</b>
	Flex	12-20	<b>HE51436</b>	<b>\$13.95</b>
	Windstar	95-03	<b>HE51322</b>	<b>\$13.95</b>
<b>Hummer</b>	H2	03-07	<b>HE51352</b>	<b>\$13.95</b>
<b>Lincoln</b>	Mark LT	06-08	<b>HE51322</b>	<b>\$13.95</b>
	MKT	10-11	<b>HE51322</b>	<b>\$13.95</b>
	MKT	12-19	<b>HE51436</b>	<b>\$13.95</b>
	Navigator	98-12	<b>HE51322</b>	<b>\$13.95</b>
	Navigator	13-14	<b>HE51432</b>	<b>\$13.95</b>
	Navigator	15-20	<b>HE51436</b>	<b>\$13.95</b>
<b>Mercury</b>	Mountaineer	02-10	<b>HE51322</b>	<b>\$13.95</b>

\*Includes Cab & Chassis

\*\*\*07-14 Chevy/GMC full size pickups and SUV: call for installation instructions HE90999

## Curt Controller to Tekonsha Harness



• Allows CURT brake controllers to be used with Tekonsha harnesses

**HE51520** Curt brake controller to Tekonsha harness adapter **\$12.95**

## Tekonsha Controller to Curt Harness



• Allows Tekonsha brake controllers to be used with CURT harnesses

**HE51532** Tekonsha brake controller to Curt harness adapter **\$12.95**

## Hard Wire Brake Control Harness



• Splices into a vehicle for a quick plug brake controller connection

• Compatible with any CURT brake control

• Wire colors match standard brake controller harnesses

**HE51515** 24" Hard Wire Brake Control Harness **\$13.95**

Trimax Heavy Duty  
Universal Coupler Lock  
See page 29



# Solar Panels & Breakaway Kits



## Solar Battery Charger/Maintainers



HE2133



HE2137



HE2138



HE2140



HE2986



HE2989

## Breakaway Kits



HE2987



HE2989

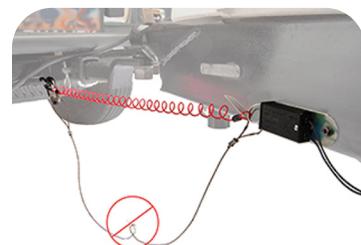
- Includes battery box, battery, switch, & built in charger
- Convenient test button verifies battery charge
- LEDs indicate fully charged, recharge or charging
- Built in battery charger charges battery while plugged into vehicle
- 1 Year Warranty
- HE2989: Compatible with trailers equipped with E/H actuators!

**HE2986** Top lid breakaway kit w/ LED test light, 1-2 axles, 5amp **\$43.95**

**HE2987** Side lid breakaway kit w/ LED test light, 1-2 axles, 5amp **\$42.95**

**HE2989** Top lid breakaway kit w/ LED test light, 1-3 axles, 10amp **\$79.95**

## Zip™ Breakaway Cables & Switches



HE2040



HE2042



HAQSL38

- Prevents battery drain, reduces sulfation, extends battery life, versatile use
- Compatible with 12-Volt Lead Acid, VRLA, AGM, GEL, & Flooded Cell batteries
- Reverse polarity protected
- Commercial grade solar panel is virtually indestructible
- Includes Circuit box, 3' box-to-lug wire, and 17' box-to-panel wire
- 10 year limited warranty

**HE2133** Solar Charger/Mantainer, 3W, 4.7"x9.45", 1 battery **\$135.95**

**HE2137** Solar Charger/Mantainer, 7W, 8.85"x10.25" 1-3 batteries **\$249.95**

**HE2138** Solar Charger/Mantainer, 7W, 3.93"x20.78", 1-3 batteries **\$249.95**

**HE2132** Solar Charger/Mantainer, 12W, 9.85"x12.41", 3-4 batteries **\$341.95**

**HE2140** Xtreme Charge 4-Amp All-vehicle 12V Battery Charger & Maintainer **\$99.95**

## Circuit Breakers



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

**HECB15** 15 amp **\$6.99**

**HECB20** 20 amp (for 1-2 axle trailers) **\$4.19**

**HECB30** 30 amp (for 1-4 axle trailers) **\$4.19**

**HECB40** 40 amp **\$6.90**

**HECB50** 50 amp **\$7.99**

- 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 **\$17.29**

**HE2040** 4' Zip™ Coiled Cable & Switch **\$28.95**

**HE2047** 6' Zip™ Coiled Breakaway Cable **\$19.95**

**HE2046** 6' Zip™ Coiled Cable & Switch **\$31.95**

**HAQSL38** Replacement  $\frac{3}{8}$ " snap hook **\$2.69**

## Breakaway Kits



- 5 amp battery included
- Includes battery box, battery, switch, & built in charger
- Convenient test button verifies battery charge
- LEDs indicate fully charged, recharge or charging
- Built in battery charger charges battery while plugged into vehicle
- 90 Day Warranty

HE2946	Hopkins top lid w/ LED test light, 1-2 axles, 5amp	\$50.95
HE2947	Hopkins side lid w/ LED test light, 1-2 axles, 5amp	\$42.95
HE2950	Tekonsha side or top lid w/ LED test light, 1-3 axles, 5amp	\$139.95

## Engager Breakaway Parts



HE2948	1 1/2" x 2" cable & switch for Engager with 44" wires	\$8.99
HE2951	Pin & cable for HE2948	\$6.99
HE2952	Pin & cable for old HE2948 (switch size 1 1/2" x 3")	\$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

## Replacement Breakaway Parts



HE2010



HE2033



HE2039



HE2024

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	\$18.95	\$17.95
HE2010A	Pin & cable only for HE2010	\$10.95	\$9.95
HE2033	5 amp, 12 volt sealed battery	\$17.95	\$16.95
HE2039	Maintenance trickle charger	\$5.99	
HE2024	Two-stage charger	\$52.95	

## Replacement Battery Boxes



HE2018



HE2051



HE20000

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	\$26.95
HE2051	Battery case, all poly	\$16.95
HE20000	Battery case, lockable metal bracket	\$38.95

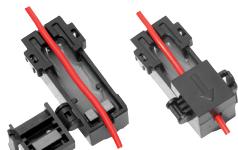
# Tail Light Converters



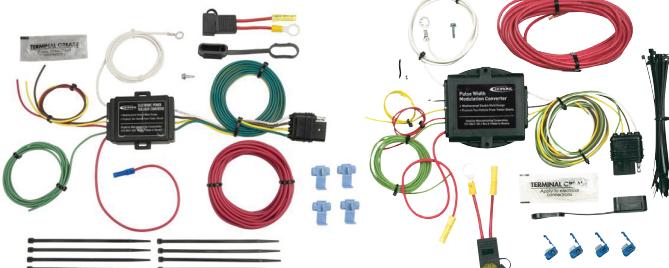
## ZCI Converter



Snap, don't snip



## Power Tail Light Converters



HT46255

HT46375

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

**\$248.95**

## Taillight Converters



HT48915



HT56175



HT48845

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

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

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

**HT56175** Tailight converter, includes circuit protection **\$34.95**

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

## 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 **\$34.95**



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** Modulite Power Converter **\$110.95**

**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.

## Dodge OEM Connectors



- Fits Dodge vehicle with rectangular OEM connector
- HT42145 includes mounting bracket

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

## GM 7 RV OEM Twist-In Connector



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

HE7PCGM	GM Twist-In 7 RV Connector	\$12.95
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	\$498.95
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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	\$52.95

## Booster Cables



MABC40	16' long, 6 gauge booster cables	\$24.95
MABC60	20' long, 4 gauge booster cables	\$37.95

## Nylon Cable Ties



HECT100	7" long (pack of 100)	\$9.99
HECTL100	14" long (pack of 100)	\$17.95

## 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 178-198

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



HT40955



HT40950



HT40999

• 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™ ENDURANCE	no	\$26.95
HT40950	Multi-Tow™ ENDURANCE, no pigtail, bulk	no	\$22.95
HT40950P	Multi-Tow™ ENDURANCE, no pigtail, retail	no	\$28.95

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



HT40975P



HT40974



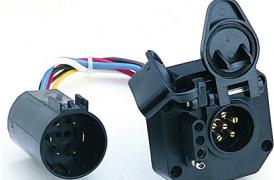
HT40978

HT40975P	Dual lid with bracket and mounting hardware	\$42.95
HT40974	Dual lid without bracket	\$21.95
HT40978	Bracket and screws for HT40974	\$7.99

### 6 Round Connectors



HT40888



HT40965P

• 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



HT40940



HE11893



HT40947

• 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	\$9.99
HT40947	7 RV, metal connector	\$21.95

### 7 HD Connector



HT40777 US Car to 7HD round pin \$47.95

### 4-Pin Flat Connector



HT41155 US Car to 4-pin flat \$25.95

### US Car Replacement Plug



HE11890



HE11892

• Uses 7RV(SAE) color schematic

HE11890	US Car Replacement Plug, 9" wire loom	\$14.95
HE11892	US Car Replacement Plug, 24" wire cord	\$16.95
HT40985	US Car Replacement Plug, 48" wire loom	\$25.95

### US Car to US Car Extensions



HT56475



HT40984

HT56475	24" US Car extension harness	\$27.95
HT40984	US Car to Dual Us Car Plugs	\$24.95



## 5<sup>th</sup> Wheel Harnesses



**New!**



HT30190



HT30170



HT41157



HT30172



HT54700

• Must be equipped with factory 7 RV

**HT30170/30172**

• 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

99-26 Chevy Silverado/Sierra

09-26 Dodge/RAM 1500

10-26 Dodge/RAM 2500/3500

97-24 F-150 & F-250 Light Duty

99-26 F-250/350/450/550 Super Duty

06-08 Lincoln Mark LT

04-24 Nissan Titan

10-26 Toyota Tundra

**HT30170** 7' long, jacketed, hardware included \$51.95

**HT30172** 7' long, jacketed, hardware included, 7 & 4 combo \$59.95

**HT30190** 7' long, retail package \$76.95

**HT41151** 10' long, bulk, no mounting hardware \$65.95

**HT41157** 10' long, retail package, hardware included \$101.95

**HT54700** 7' long, Bargman sealed 5th wheel harness \$124.95

**HT54710** Screw kit for aluminum truck beds \$14.95

## 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

\$97.95

## 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)

\$10.95

**HE4RCT** Round chrome trailer end (small)

\$10.99

**HE4RMC** Round metal vehicle end (die cast)

\$8.99

**HE4RMT** Round metal trailer end (die cast)

\$6.99

## 2-Pin Round HD Connectors



Vehicle



Trailer

- Popular on work lights & power tools, etc
- Used as an auxiliary Circuit
- Up to 200 Amps
- Accepts 4 ga wire

**HE2HDC** Metal HD vehicle end

\$24.95

**HE2HDT** Metal HD trailer end

\$23.95

# Electrical Connectors



## Vehicle Specific Wiring

### Part 1

- Please find your vehicle in our application guide (Page 178-198).
- 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



HT47205



HT47185



HT47200

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	\$25.95
HT47185	7 RV and 4 way flat Multi-Tow™	\$45.95
HT47200	7 RV ENDURANCE™	\$39.95

## Electrical Testers



HETE



HEET7

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	\$62.95
HEET7	7 RV Tester	\$15.95

## 2-Pin Flat Extension



- 12" long with Corrosion Resistant Terminals

HT47965	2-Way Flat Extension, Both Ends	\$3.95
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## 7 RV Connectors



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

HE7PC	Plastic vehicle end	\$9.09
HE7PT	Plastic trailer end	\$5.49
HE7MC	Metal vehicle end	\$8.99
HE7MT	Metal trailer end	\$8.99

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

## Replacement SAE 7RV Cable



- Double bladed connection
- Completely sealed to protect terminals and wires from corrosion
- 7 RV style (SAE color code) wiring diagram, page 148
- Includes pre-installed heat shrink butt connectors and a heat shrink tube
- 10/2 white & blue, 12/1 red, 14/1 brown, 16/3 yellow, green & black

**HEST720** 12" 7RV hardwire cable \$18.95

## Chain Buddy



- 7 RV Plug Holder (HEB150) not included

**HEB155** Safety chain holder w/ place to mount 7RV Holder \$9.99

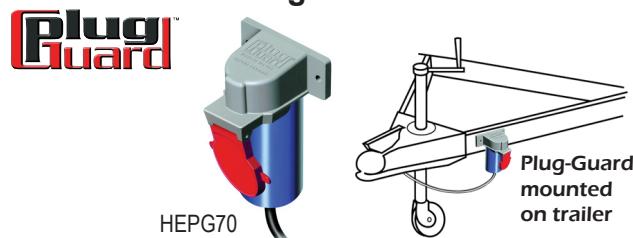
## Trailer Plug Holders



- HEB150 can be used with HEB155

**HEB150** 7 RV Plug Holder \$8.95  
**HEB153** 7 Round Pin Plug Holder \$23.95

## Plug-Guard™



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

## Sealed 7 RV Cables



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 148

<b>HESC740</b>	7RV vehicle end, 4' cord	\$54.95
<b>HEST760</b>	7RV trailer end, 6' cord	\$32.95
<b>HEST780</b>	7RV trailer end, 8' cord	\$45.95
<b>HEST790</b>	7RV trailer end, 9' cord, w/ ring terminals, SAE color code	\$44.95
<b>HEST700</b>	7RV trailer end, 10' cord	\$59.95
<b>HEST711</b>	7RV trailer end, 11' cord	\$58.95
<b>HEST712</b>	7RV trailer end, 12' cord	\$65.95

## SAE Sealed 7RV Cables



- Double bladed connection
- Completely sealed to protect terminals and wires from corrosion
- 7 RV style (SAE color code) wiring diagram, page 148
- 10/2 white & blue, 12/1 red, 14/1 brown, 16/3 yellow, green & black

<b>HEST722</b>	6' 7RV trailer cable, blunt cut	\$26.95
<b>HEST724</b>	8' 7RV trailer cable, blunt cut	\$31.95
<b>HEST726</b>	10' 7RV trailer cable, blunt cut	\$36.95
<b>HEST728</b>	12' 7RV trailer cable, blunt cut	\$41.95

## Coiled 7 RV Cables



Trailer End has double-blade, self-cleaning connection

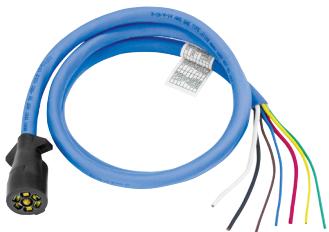
- Trailer end
- Completely sealed to protect terminals and wires from corrosion
- 7 RV style (RV industry standard) wiring diagram, page 148

<b>HEST880</b>	7RV, 8' cord, nice working length 4-6 ft.	\$69.95
<b>HEST881</b>	7RV, 10' cord, nice working length 5-8 ft.	\$82.95
<b>HEST882</b>	7RV, 12' cord, nice working length 6-9 ft.	\$93.95

# 7 RV Cables & Junction Boxes



## 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 148

HEST960	6' 7 RV trailer cable	\$36.95
HEST980	8' 7 RV trailer cable	\$42.95
HEST900	10' 7 RV trailer cable	\$60.95

## 7RV SAE Cold Weather Cables with Magnet



HEST973



10 lbs. integrated magnet

- Integrated magnet attaches plug to steel trailer frame when not in use
- Nickel plated double copper blades
- High quality oxygen free copper wires
- Flexible and durable PVC jacket remains flexible in cold weather
- Rated to -40° F
- Completely sealed to protect terminals and wires from corrosion.
- 7 RV style (SAE color code) wiring diagram, page 148
- 10/2 white & blue, 12/1 red, 14/1 brown, 16/3 yellow, green & black

HEST962	6' 7 RV trailer cable, blunt cut	\$43.95
HEST973	7' 7 RV trailer cable, terminal rings	\$45.95
HEST982	8' 7 RV trailer cable, blunt cut	\$49.95
HEST983	8' 7 RV trailer cable, terminal rings	\$48.95
HEST902	10' 7 RV trailer cable, blunt cut	\$58.95
HEST903	10' 7 RV trailer cable, terminal rings	\$55.95

## 4-Flat Cold Weather Cable with Magnet



10 lbs. integrated magnet

- Integrated magnet attaches plug to steel trailer frame when not in use
- High quality oxygen free copper wires
- Flexible and durable PVC jacket remains flexible in cold weather
- Rated to -40° F
- Completely sealed to protect terminals and wires from corrosion

HE448TJM	48" 4-flat trailer cable	\$10.95
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## SAE Sealed 7RV Cables & Junction Box



HEST721

- All wires are terminated inside the junction box
- Completely sealed to protect terminals and wires from corrosion
- 7 RV style (SAE color code) wiring diagram, page 148
- 10/2 white & blue, 12/1 red, 14/1 brown, 16/3 yellow, green & black

HEST721	6' 7RV trailer cable with junction box	\$39.95
HEST723	8' 7RV trailer cable with junction box	\$44.95
HEST725	10' 7RV trailer cable with junction box	\$49.95
HEST727	12' 7RV trailer cable with junction box	\$55.95

## Junction Boxes



HEJB70



HEJB73



HEJB80



- Keeps connections dry and corrosion free
- Use #10 (or similar size) ring terminals
- HEJB73: Hinged lid, metal cable clamps

HEJB70	7-Terminal Junction Box, Valterra E3545	\$14.95
HEJB72	7-Terminal Junction Box, Buyers 5601101	\$13.95
HEJB73	7-Terminal Junction Box, hinged lid	\$12.95
HEJB80	12-Terminal Junction Box	\$21.95

## Die-Electric Grease



HETG00



HETG04

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

HETG00	Die-Electric Grease, .16 oz packet	\$1.09
HETG03	Die-Electric Grease, 3 oz tube	\$14.95
HETG04	Die-Electric Grease, 4 oz tube	\$16.95

## 7RV Front Cables



- Plugs into most OEM trailer wiring
- Soft blue jacketing will remain pliable even in extreme conditions
- Rated to -40° F
- Completely sealed to protect terminals and wires from corrosion.
- Does not provide backup light (center pin)

<b>HEST969</b>	7' 7 RV front cable	<b>\$45.95</b>
<b>HEST989</b>	8½' 7 RV front cable	<b>\$52.95</b>

## Replacement Front Cable for Trailer



- Hardwire to trailer harness
- Allows for easy replacement of damaged 7RV trailer cable
- Pre-installed heat shrink butt connectors
- Wires labeled for easy wiring diagram

<b>HEST200</b>	7-pole plug-n-play connector	<b>\$19.95</b>
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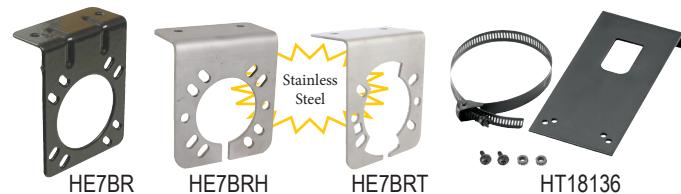
## 7RV Front Cable



- Plugs into Sealco twist lock harnesses
- 7RV end is sealed internally

<b>HEST788</b>	Sealco 7RV, 8' Front, 54" break away lead	<b>\$88.95</b>
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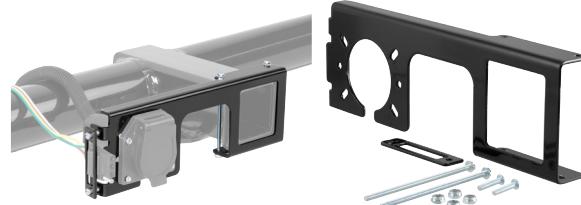
## 7 RV Mounting Brackets



- 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
<b>HE7BR</b>	yes	black	Use longer bolts for Multi-tow	<b>\$3.99</b>
<b>HE7BRM</b>	yes	zinc	Use longer bolts for Multi-tow	<b>\$3.39</b>
<b>HE7BRH</b>	no	S.S.	Multi-fit:7 RV, 7 Round Pin, 6-pin	<b>\$11.99</b>
<b>HE7BRT</b>	no	S.S.	Multi-fit:GM twist lock, 7RV, etc	<b>\$11.99</b>
<b>HT18136</b>	yes	black	Hitch cross tube bracket adapter	<b>\$20.95</b>

## 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

<b>HE7BRC</b>	Bracket for 2" receivers	<b>\$20.95</b>
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## Mounting Boxes



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

<b>HEB159</b>	For square corner or round tube hitches (round tube: cut out semi-circle which is marked)	<b>\$18.95</b>
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# 9 Pin, 7 Pin & 6 Pin Connectors



## 9-Pin Round Connectors



HE9HDPC

## 6-Pin Round Connectors



Trailer

Vehicle

## 7 Round Pin Connectors



Vehicle

Trailer

- 7 Heavy Duty Round Pins

HE7HDC	Metal vehicle end	\$9.99
HE7HDT	Metal trailer end with spring	\$9.99
HE7HDPC	Plastic vehicle end	\$9.99
HE7HDPT	Plastic trailer end with spring	\$9.99
HE7HDB	Mounting bracket for vehicle end	\$2.99
HE7HDBT	Rubber boot for back of 7HD vehicle end	\$3.99

## 7 Round Pin Electrical Tester

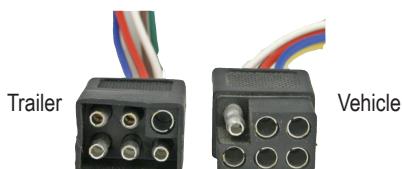


Trailer lights don't work?

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

HEET7HD	7 round pin tester	\$22.95
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## 6 Pin Square Connectors



Trailer

Vehicle



HE6EPC

- 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.

HE6MC	Die Cast Metal vehicle end	\$7.99
HE6MT	Die Cast Metal trailer end	\$4.99
HE6MTS	Die Cast Metal trailer end w/ cable-guard spring	\$9.99
HE6EPC	Vehicle end, <b>ENDURANCE™</b>	\$17.95

## 6-Pin Mounting Brackets



HE6BR

- HE6BR: Mounts 6 pin vehicle end connectors

HE6BR	6 pin bracket	\$3.19
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## 6 Pin Round Electrical Tester



HEET6

Find the source of your problem!

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

HEET6	6 pin round tester	\$11.95
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# 4-Pin Flat Plug Protectors & Brackets

## 5-Pin Flat Connectors



HE560C	5 pin flat vehicle end, 48" long	\$11.69
HE560T	5 pin flat trailer end, 48" long	\$9.49
HE572B	5 pin flat 72" extension, both ends	\$13.39

## 4-Pin Flat Mounting Brackets



HT18144 HT48595

- 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 Flat Plug Protector



- Protect your 4-flat when not in use

HE498	4-Flat Trailer Plug Protector	\$4.99
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## 4-Pin Mounting Bracket & Accessories



HT47605 HT58405



HT48605

- HT48605 holds HT47605 or HT58405
- HT47605 plug into standard 4 pin flat connectors
- HT58405 is for hardwiring applications

HT48605	Mounting Bracket	\$5.99
HT47605	4-Pin Flat Hole Adapter	\$7.95
HT58405	4-Pin Flat Hole Adapter with 36" wire leads	\$8.99



## Plug-Guard™



HEPG40

Plug-Guard  
mounted  
on trailer

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
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## 4-Pin Flat Quick Fix



- No connectors or tools needed -insert wires & push shut

HT48195	Quick Fix, Trailer & Vehicle End	\$8.99
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## Aluminum Door Holdbacks See page 36



# 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"	\$15.95
HE4S	12" Splitter cord	\$16.00
HE412B	12" Extension cord, both ends	\$5.99
HE472B	72" Extension cord, both ends	\$8.99
HE4X10	10' Extension cord, both ends	\$16.95
HE4X	24' Extension cord, both ends	\$31.95

## 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. \$53.95

## 4-Pin Flat Magnetic Connector Adapter



- Simply slide into existing 4-pin flat connections on vehicle side and trailer cable to create a simple magnetic connection

HE402 4-Pin Flat, Magnetic, Both Ends \$24.95

## 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 Tester & Dust Covers



HEET1R	4-flat Easy-Pull™ tester	\$8.99
HEET1	4 pin Flat Tester, slide on your key chain	\$4.99
HT48735	Pair of Dust Covers & Terminal Grease Packet	\$4.99
HE499DT	4 pin flat dust cover for trailer end	\$2.99

## 4-Flat Cold Weather Cable with Magnet



- Integrated magnet attaches plug to steel trailer frame when not in use
- High quality oxygen free copper wires
- Flexible and durable PVC jacket remains flexible in cold weather
- Rated to -40° F
- Completely sealed to protect terminals and wires from corrosion

HE448TJM 48" 4-flat trailer cable \$10.95

## 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	\$5.90
HEA67HDM	6-pin round	7 round pin	\$26.95
HEA74	7 RV	4 pin flat	\$5.99
HEA76	7 RV	6-pin round, center pin auxiliary	\$7.99
HEA76B	7 RV	6-pin round, center pin brakes	\$7.39
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

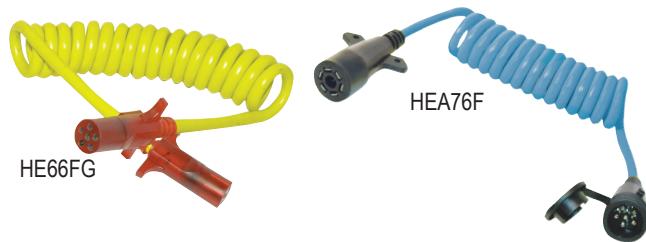
ITEM#	Vehicle has...	Trailer has...	Price
HEA74L	7 RV	4-pin flat	\$9.99
HEA74NG	7 RV	4-pin flat	\$15.95

## 7RV Extension Cord



HEC770	7 RV plastic, 7' extension	\$69.95
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## 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	9'	\$82.95
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	\$21.95
HEA47	4 pin flat	7 RV	\$14.95
HEA47HD	4 pin flat	7 round pin	\$27.95
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	\$31.95
HEA7HD6	7 round pin	6 pin round	\$45.95
HEA77	7 round pin	7 RV	\$27.95
HEA74HDC	7 round pin	4 pin flat	\$40.95

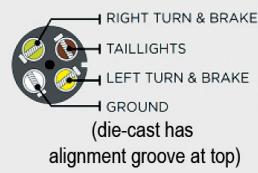
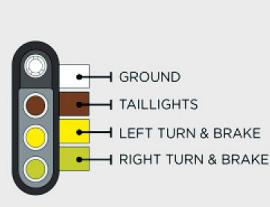
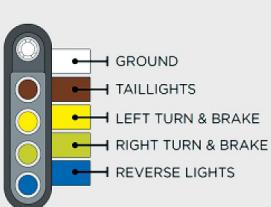
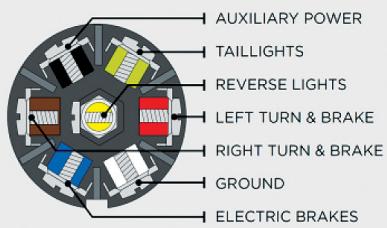
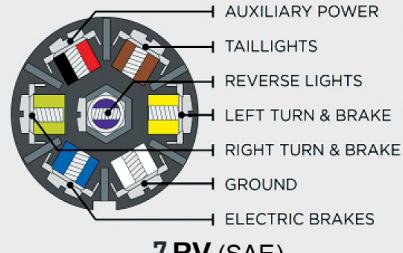
# Electrical Diagrams



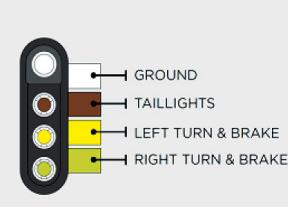
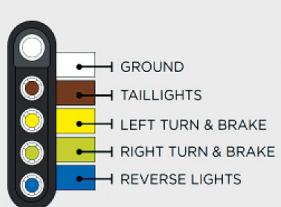
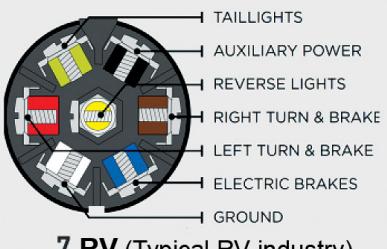
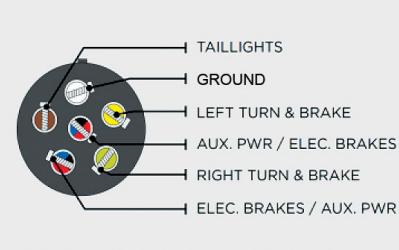
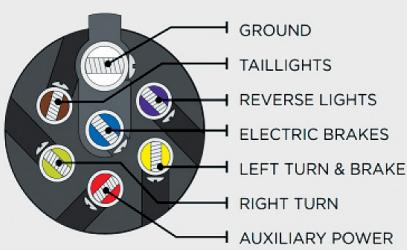
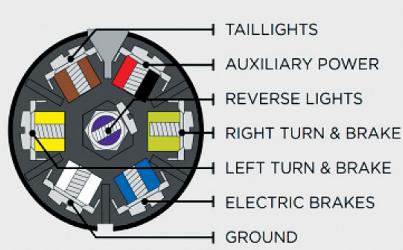
Identify the wires by function. Color coding is not standard among all manufacturers.

Illustrations represent the rear views (terminal side) **of the connectors**.

## Vehicle Connectors



## Trailer Connectors



## 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

