## Wire Color Codes

### Recreational Vehicles 7-pole Connectors

| No. | Color | Circuits | Recommended Wire Gauge |
|---|---|---|---|
| 1 | White | Ground Return | 10 Gauge |
| 2 | Blue | Electric Brake | 12 Gauge |
| 3 | Green | Tail, License & Running Lights | 14 Gauge |
| 4 | Black | Battery Charge | 10 Gauge |
| 5 | Red | Stop & Left Hand Turn Signal | 14 Gauge |
| 6 | Brown | Stop & Right Hand Turn Signal | 14 Gauge |
| 7 | Yellow | Auxiliary Circuit | 14 Gauge |

### Universal 6-pole Connectors

| No. | Color | Circuits |
|---|---|---|
| 1 | White | Ground Return |
| 2 | Brown | Tail Lights |
| 3 | Yellow | Left Turn |
| 4 | Red | Stop |
| 5 | Green | Right Turn |
| 6 | Blue | Auxiliary Circuit |

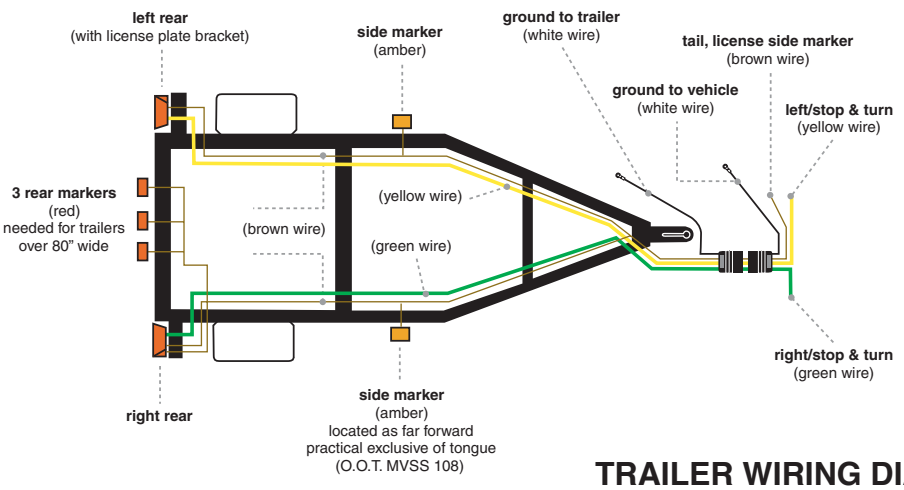
### Heavy-duty 7-pole Connectors

| No. | Color | Circuits | Recommended Wire Gauge | FMVSS-121 Anti-lock |
|---|---|---|---|---|
| 1 | White | Ground Return | 10 Gauge | 8 Gauge |
| 2 | Black | Clearance, Side Marker & Identification Lamps | 12 Gauge | 12 Gauge |
| 3 | Yellow | Left Turn & Hazard Signal | 12 Gauge | 12 Gauge |
| 4 | Red | Stop Lamps & Anti-lock Devices | 12 Gauge | 10 Gauge |
| 5 | Green | Right Turn Signal & Hazard Signal | 12 Gauge | 12 Gauge |
| 6 | Brown | Tail, Rear Clearance, Marker & License Plate Lamps | 12 Gauge | 12 Gauge |
| 7 | Blue | Auxiliary Circuit | 12 Gauge | 12 Gauge |

### Universal 4-pole Connectors

| No. | Color | Circuits |
|---|---|---|
| 1 | White | Ground Return |
| 2 | Green | Right Turn & Brake Lights |
| 3 | Yellow or Red | Left Turn & Brake Lights |
| 4 | Brown | Tail Lights |

INFO NOTE: Check all circuits before operating vehicle.




**TRAILER WIRING DIAGRAM**

1-contact flat connector

2-contact flat connector

3-contact flat connector

4-contact flat connector

4-contact square connector

5-contact flat connector

6-contact square connector

8-contact square connector

## Molded Connectors

- All molded connectors are manufactured with 16 gauge tinned copper wire, except the 8-contact connector which is manufactured with 3-12 gauge and 5-16 gauge wires.
- All 4-contact flat connectors are molded with an Easy Grip® for fast and easy disconnect.
- Color coding in accordance with S.A.E. recommended practice.

**! SPECIAL*NOTE* !**

All *male* connectors are shown on the left and all *female* connectors are shown on the right.
trailer = male  tow vehicle = female

### 1-Contact Flat

| Part No. | Description |
|---|---|
| 74175 | Male end only with 8" of wire |
| 74195 | Female end only with 8" of wire |

### 2-Contact Flat

| Part No. | Description |
|---|---|
| 74275 | Male end only with 8" of wire |
| 74295 | Female end only with 8" of wire |
| 74255 | Male end only with 48" of wire |
| 74285 | Female end only with 48" of wire |
| 74245 | Female end only with 60" of wire |

### 3-Contact Flat

| Part No. | Description |
|---|---|
| 74375 | Male end only with 8" of wire |
| 74395 | Female end only with 8" of wire |
| 74355 | Male end only with 48" of wire |
| 74385 | Female end only with 48" of wire |

### 4-Contact Flat

| Part No. | Description |
|---|---|
| 74475 | Male end only with 8" of wire |
| 74495 | Female end only with 8" of wire |
| 74455 | Male end only with 48" of wire |
| 74485 | Female end only with 48" of wire |
| 74445 | Female end only with 60" of wire |

### 4-Contact Square

| Part No. | Description |
|---|---|
| 74075 | Male end only with 8" of wire |
| 74095 | Female end only with 8" of wire |
| 74055 | Male end only with 48" of wire |
| 74085 | Female end only with 48" of wire |

### 5-Contact Flat

| Part No. | Description |
|---|---|
| 74505 | Male end only with 8" of wire |
| 74510 | Female end only with 8" of wire |
| 74530 | Male end only with 48" of wire |
| 74535 | Female end only with 48" of wire |

### 6-Contact Square

| Part No. | Description |
|---|---|
| 74675 | Male end only with 8" of wire |
| 74695 | Female end only with 8" of wire |
| 74655 | Male end only with 48" of wire |
| 74685 | Female end only with 48" of wire |

### 8-Contact Square

| Part No. | Description |
|---|---|
| 74875 | Male end only with 8" of wire |
| 74895 | Female end only with 8" of wire |
| 74855 | Male end only with 48" of wire |
| 74885 | Female end only with 48" of wire |

USE WITH pigtail plugs PAGE **168**

| Contacts | Male End | Wire Colors | Female End |
|---|---|---|---|
| * For 5, 6 and 8-contact Molded Connector configurations, see page 149. | | | |
| 1 | 1 | 1. blue | 1 |
| 2 | 1 2 | 1. brown<br>2. red | 1 2 |
| 3 | 1 2 3 | 1. green<br>2. yellow<br>3. brown | 1 2 3 |
| 4 flat | 1 2 3 4 | 1. green<br>2. yellow<br>3. brown<br>4. white | 1 2 3 4 |
| 4 square | 3 4 1 2 | 1. green<br>2. brown<br>3. yellow<br>4. white | 1 2 3 4 |

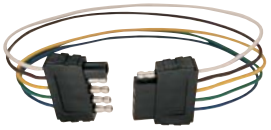
1-contact connector

2-contact connector

3-contact connector

4-contact connector

5-contact connector



5-contact connector

6-contact connector

8-contact connector

## Molded Connectors with a Loop

- Molded trailer connectors are manufactured with a loop of 16 gauge tinned copper primary wire between a male and female end, except 8-contact which are manufactured with 3-12 gauge and 5-16 gauge tinned copper wires.
- Four-contact, flat connectors are molded with an Easy Grip® for fast and easy disconnects.
- Loop may be cut as desired for splicing into a wiring assembly.

### 1-Contact

| Part No. | Description | Loop |
|---|---|---|
| 74115 | Flat | 12" |
| 74165 | Flat | 48" |

### 2-Contact

| Part No. | Description | Loop |
|---|---|---|
| 74215 | Flat | 12" |
| 74265 | Flat | 48" |
| 74225 | Flat | 60" |

### 3-Contact

| Part No. | Description | Loop |
|---|---|---|
| 74315 | Flat | 12" |
| 74365 | Flat | 48" |
| 74325 | Flat | 60" |

### 4-Contact

| Part No. | Description | Loop |
|---|---|---|
| 74415 | Flat | 12" |
| 74465 | Flat | 48" |
| 74425 | Flat | 72" |

### 5-Contact

| Part No. | Description | Loop |
|---|---|---|
| 74515 | Square | 12" |
| 74565 | Square | 48" |
| 74525 | Square | 60" |

### 5-Contact

| Part No. | Description | Loop |
|---|---|---|
| 74520 | Flat | 12" |
| 74540 | Flat | 48" |
| 74560 | Flat | 72" |

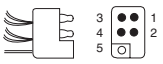
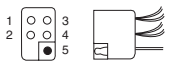
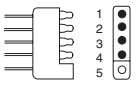
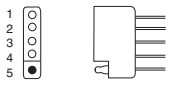
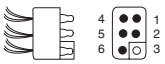
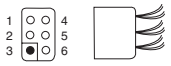
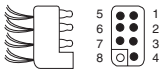
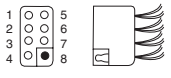
### 6-Contact

| Part No. | Description | Loop |
|---|---|---|
| 74615 | Square | 12" |
| 74665 | Square | 48" |
| 74625 | Square | 60" |

### 8-Contact

| Part No. | Description | Loop |
|---|---|---|
| 74815 | Square | 12" |
| 74865 | Square | 48" |
| 74825 | Square | 60" |

USE WITH trailer adapters PAGE 156

| Contacts | Male End | Wire Colors | Female End |
|---|---|---|---|
| * For 1, 2, 3 and 4-contact Molded Connector configurations, see page 148. | | | |
| 5 square |  | 1. green<br>2. blue<br>3. yellow<br>4. brown<br>5. white |  |
| 5 flat |  | 1. blue<br>2. green<br>3. yellow<br>4. brown<br>5. white |  |
| 6 |  | 1. yellow<br>2. brown<br>3. white<br>4. green<br>5. blue<br>6. black |  |
| 8 |  | 1. green<br>2. blue<br>3. gray<br>4. yellow<br>5. brown<br>6. black<br>7. red<br>8. white |  |
| Red, white, black wires = 12 gauge; green, blue, brown, yellow, gray = 16 gauge | | | |

75010 (Female)

75012 (Male)
**one-way housing**

75018 (Female)

75020 (Male)
**three-way housing**

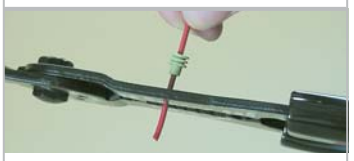
## Weather Pack Environmental Connectors

- The weather pack is designed for the engine compartment of a vehicle. Also ideal for use in marine, agriculture and other harsh environmental applications.
- Audible snap-action locking for housing and secondary terminal lock helps reduce terminal stress, provide proper terminal positioning and provides access to the terminals for service.
- Stops in cavities to insure proper insertion of terminals.
- Indexed nylon housings are rated to -40°C to 125°C (-40°F to 257°F).
- Housing, terminals, plugs and seals are sold separately.

INFO Three basic environmental seal tests were performed which involved salt, fog, immersion and immersion flex. Between lab tests and millions of miles logged on current vehicles, these connectors have proven reliable and provide a fail-safe environmental connection.

| Part No. | Description | Contacts |
|---|---|---|
| **75010** | Female Housing | 1-way |
| **75012** | Male Housing | 1-way |
| **75014** | Female Housing | 2-way |
| **75016** | Male Housing | 2-way |
| **75018** | Female Housing | 3-way |
| **75020** | Male Housing | 3-way |
| **75022** | Female Housing | 4-way flat |
| **75024** | Male Housing | 4-way flat |
| **75044** | Female Housing | 4-way square |
| **75046** | Male Housing | 4-way square |
| **75026** | Female Housing | 6-way flat |
| **75028** | Male Housing | 6-way flat |

### Assembly Instructions



1. Apply seal to cable, before stripping insulation.

2. Crimp terminal onto stripped wire and seal and insert into connector housing.

3. Once all terminals are inserted, lock wire and seals as shown above.

4. Once steps 1, 2, and 3 are completed for male and female housings connect together until locked.

male terminal

female terminal

## Terminals

- Flex-pin and lap-lock design gives these terminals a positive connection rated for a continuous current of 20 amps.
- Dual "tangs" lock terminal into connector cavity.
- Cable seal crimp wings reduce strain on the cable core and assure proper positioning of the cable seal.

| Part No. | Description | Gauge |
|---|---|---|
| **75032** | Female Terminal, sealed | 20-18 |
| **75036** | Female Teminal, sealed | 16-14 |
| **75040** | Female Teminal, sealed | 12 |
| **75030** | Male Teminal, sealed | 20-18 |
| **75034** | Male Teminal, sealed | 16-14 |
| **75038** | Male Teminal, sealed | 12 |

cavity seals

## Cavity Seals & Plugs

- Self-lubricating, silicone seals have multiple "ribs" to guard against dust, moisture, engine compartment fluids and chemicals.
- Cavity seals are crimped to the terminal to assure positive position of the seal in the housing cavity.
- The cavity plug is designed to fill and seal unused cavities.

cavity plug

| Part No. | Style | Gauge |
|---|---|---|
| **75000** | Purple | 22-20 |
| **75002** | Green | 20-18 |
| **75004** | Grey | 16-14 |
| **75006** | Blue | 12 |
| **75008** | Orange | 20-18 |
| **75042** | Green Cavity Plug | — |

906475

906485

906495

## Weather Pack Crimping Tools

- Designed for the positive crimping of weather pack terminals.
- Quality tools for long-lasting and dependable service.
- Ratchet assembly assures a perfect crimp every time.

| Part No. | Description |
|---|---|
| 906475 | Removal Tool, ⅛" |

| Part No. | Description | Gauge |
|---|---|---|
| 906485 | Multi-gauge Crimper | 20-14 |
| 906495 | Crimper | 12 |

## Weather Pack Kit - *microSERIES™*

- An excellent starter kit for the Weather Pack system.
- Contains an assortment of male and female terminals, as well as seals and plugs.
- All contained within a durable, lightweight, translucent plastic carrying case (4½" x 2⅝" x 1⁵⁄₁₆").
- **For a complete listing of kit contents, see page 228.**

| Part No. | Description |
|---|---|
| 75050 | Weather Pack Kit |

## Weather Pack Connector Kit

- Everything you need to make a quality weather-resistant connection over and over again.
- Whopping assortment of 1,280 total pieces, including terminals, seals and housings.
- All contained within a rugged, grey metal scoop box (18" x 12" x 3").
- **For a complete listing of kit contents, see page 228.**

| Part No. | Description |
|---|---|
| 75045 | Weather Pack Connector Kit |

## Weather Pack Kit

- 1100 piece assortment of both male and female terminals, seals and plugs.
- Also included are 2 ratchet style crimping tools and 1 terminal removal tool.
- All contained within a rugged, grey metal scoop box (18" x 12" x 3").
- **For a complete listing of kit contents, see page 228.**

| Part No. | Description |
|---|---|
| 75043 | Weather Pack Kit |

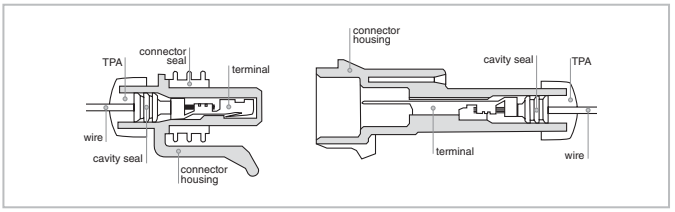
USE WITH 4-drawer rack
PAGE **216**

85018
female

85020
male

## Metri-Pack™ Sealed 280 Series Connector Housings

- Positive locking action ensures proper connection between housings.
- Made from heat stabilized, impact modified Polyamide 66 material.
- Tri-ribbed seal on female housing aids in resistance to harsh environments.
- Temperature rating: -40°C to 125°C (-40°F to 257°F).
- Available in 1 through 5 connector housings.




| Part No. | Description | Contacts |
|---|---|---|
| **85010** | Female Housing | 1-way |
| **85012** | Male Housing | 1-way |
| **85014** | Female Housing | 2-way |
| **85016** | Male Housing | 2-way |
| **85018** | Female Housing | 3-way |
| **85020** | Male Housing | 3-way |
| **85022** | Female Housing | 4-way |
| **85024** | Male Housing | 4-way |
| **85026** | Female Housing | 5-way |
| **85028** | Male Housing | 5-way |

85042

85040

## Terminal Position Assurance - TPA

- Firmly holds terminals in connector housings.
- Helps reduce tension between terminal and wire connection.
- Made from heat stabilized, impact modified Polyamide 66 material.
- Temperature rating: -40°C to 125°C (-40°F to 257°F).

| Part No. | Description | Contacts |
|---|---|---|
| **85030** | Male & Female | 1-way |
| **85032** | Male & Female | 2-way |
| **85034** | Female | 3-way |
| **85036** | Male | 3-way |
| **85038** | Female | 4-way |
| **85040** | Male | 4-way |
| **85042** | Female | 5-way |
| **85044** | Male | 5-way |

85058
male

85050
female

## Terminals

- Terminals are push-to-seat with a continuous current 30 amp rating.
- Singular "tang" locks terminal into housing, ensuring proper insertion.
- Tin-plated for added protection from corrosion.

| Part No. | Description | Gauge ($mm^2$) |
|---|---|---|
| **85046** | Female Terminal, sealed | 10 (5.0) |
| **85048** | Female Terminal, sealed | 12-14 (3.0-2.0) |
| **85050** | Female Terminal, sealed | 16-18 (1.0-.80) |
| **85052** | Female Terminal, sealed | 20-22 (.50-.35) |
| **85054** | Male Terminal, sealed | 10 (5.0) |
| **85056** | Male Terminal, sealed | 12-14 (3.0-2.0) |
| **85058** | Male Terminal, sealed | 16-18 (1.0-8.0) |
| **85060** | Male Terminal, sealed | 20-22 (.50-.35) |

cavity seals

## Cavity Seals & Plugs

- Self-lubricating, silicone seals have multiple "ribs" to guard against dust, moisture, engine compartment fluids and chemicals.
- Cavity seals are crimped to the terminal to assure positive position of the seal in the housing cavity.
- The cavity plug is designed to fill and seal unused cavities.

cavity plug

| Part No. | Style | Gauge |
|---|---|---|
| **75000** | Purple | 22-20 |
| **75002** | Green | 18-20 |
| **75004** | Grey | 16-14 |
| **75006** | Blue | 12 |
| **75008** | Orange | 18-20 |
| **75042** | Green Cavity Plug | — |

908475

## Crimping & Removal Tools

- Designed for the positive crimping of Metri-Pack™ terminals.
- Quality tools for long-lasting and dependable service.
- Ratchet assembly assures a perfect crimp every time.

908485

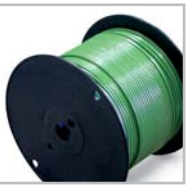
| Part No. | Description | Gauge |
|---|---|---|
| **908475** | Metri-Pack™ Removal Tool | — |

908495

| Part No. | Description | Gauge |
|---|---|---|
| **908485** | Multi-gauge Crimper | 20-14 |
| **908495** | Crimper | 12-10 |

USE WITH

tinned wire
PAGE **14**



## Expandable Sleeving

- This polyethylene terephthalate is an ideal cover for outboard motor cables, marine hoses, trailer chains and harness assemblies.
- Operating temperature: -75°C to 125°C (-103°F to 257°F).
- Manufactured to meet UL and CSA requirements.
- To cut expandable sleeving, see hot knife on page 29.

| Part No. | Size I.D. | Foot per Box | Lbs. per Box | Part No. | Size I.D. | Foot per Box | Lbs. per Box |
|---|---|---|---|---|---|---|---|
| **841** | ⅛" | 200 | ½ | **845** | ¾" | 75 | 1½ |
| **842** | ¼" | 200 | ½ | **1845** | ¾" | 250 | 3 |
| **1842** | ¼" | 1000 | 2½ | **846** | 1¼" | 50 | 1 |
| **843** | ⅜" | 100 | 1 | **1846** | 1¼" | 250 | 4 |
| **1843** | ⅜" | 500 | 3 | **847** | 1½" | 50 | 1 |
| **844** | ½" | 100 | 1 | **1847** | 1½" | 250 | 5 |
| **1844** | ½" | 500 | 4 | **848** | 1¾" | 50 | 1½ |
| | | | | **1848** | 1¾" | 200 | 5½ |

## Analog Brake Controller Class I Light-duty Economy

- Operates on a time based circuitry.
- Mounts in any position.
- Manual slide for full braking output when desired.
- Red LED light monitors controller performance and trailer wiring integrity.
- Recommened for light duty trailers with 2 or 4 electric brakes.

| Part No. | Description |
|---|---|
| 63004 | Light-duty Economy Analog Brake Controller |

## Digital Brake Controller Class II Medium-duty Economy

- Operates on a time based circuitry.
- Solid state electronics allow no leveling to be required
- Digital display assists in setup & operation.
- Manual slide for full braking output when desired
- Recommended for light/medium-duty trailers with 2, 4, or 6 electric brakes.

| Part No. | Description |
|---|---|
| 63008 | Medium-duty Economy Digital Brake Controller |

## Analog Brake Controller Class III Heavy-duty Standard

- Patented pendulum sensing device used to monitor and measure tow vehicle deceleration.
- Mounts in a variety of positions. Red LED light monitors controller performance and trailer wiring integrity.
- Recommended for medium / heavy-duty trailers with 2 or 4 electric brakes.

| Part No. | Description |
|---|---|
| 63006 | Heavy-duty Standard Analog Brake Controller |

## Digital Brake Controller Class V Heavy-duty Premium

- Two-Axis Accelerometer senses rate of deceleration.
- Versatile mounting range from -35° to 90°.
- Recommended for all types of trailers.
- Works with electric or electric-hydraulic brake systems.
- Digital display assists in setup & operation.
- Recommended for 2, 4, 6, or 8 electric brakes.

| Part No. | Description |
|---|---|
| 63010 | Heavy-duty Premium Digital Brake Controller |

63014

63018

## Wire Harnesses

- Mates your brake controller directly to your OEM's wire harness with no cutting or splicing.
- OEM harness includes dual mating connectors; wires are encased in slit loom.

| Part No. | Description |
|---|---|
| 63012 | GM/Chevy 2002-1999 |
| 63014 | Ford 2007-1994 |
| 63016 | Dodge 2007-1996 |
| 63018 | Universal Wire Harness w/only 1 end connector |

## Breakaway Kit

- Includes battery, battery charger, case, breakaway switch with pin and cable, and mounting hardware.
- Easily installs on tongue or trailer frame.
- Rechargeable 12 volt 5 amp/hr battery.
- Rugged, lockable case holds battery and charger.
- Recommended use for all trailers with 2, 4 or 6 electric brakes.

| Part No. | Description |
|---|---|
| 63002 | Breakaway Kit |

## Breakaway Switch

- 48" covered steel cable with loop.
- 48" wire leads that connect to the breakaway battery unit.
- Durable plastic housing mounted to steel bracket.
- ¼" mounting hole for easy single screw installation.
- For use with electric trailer brake systems.

| Part No. | Description |
|---|---|
| 63000 | Breakaway Switch |

USE WITH

## Trailer Cable

- Manufactured with a polyvinyl chloride (PVC) over-all jacket outside and general purpose primary wire inside.
- The single conductors are stranded copper, and each conductor is color-coded for identification purposes.
- Very tough cable with resistance to cracking, abrasion, oil, grease, acid and weather.
- Temperature rating: -40°C to 85°C (-40°F to 185°).
- Choose 7 Conductor cable (4-12 Ga./2-10 Ga./ 1-8 Ga.) for ABS applications.

PAGE 10

## Tail Light Converter

- An electronically non-obstructive 3 to 2 wire trailer light converter for all foreign and American cars with separate amber turn signals.
- Without the converter you cannot wire direct to a standard trailer because of the special lighting system.

| Part No. | Description |
|---|---|
| **74991** | Trailer/Tail Light Converter, 18"; 3 to 2 |

74995

74993

## Trailer/Tail Light Converters

- For cars and trucks with separate bulbs for stop (red) and turn (amber or red) to operate the trailer lamps that have one bulb for both stop and turn without converter. Only the stop or turn will operate, not both.
- For 12 volts (DC) negative ground - 3 amps.
- Self-adhesive backing provided.

| Part No. | Description |
|---|---|
| **74995** | Tail Light Converter |
| **74993** | Trailer/Tail Light Converter, 12"; 5 to 4 w/plug contact |

73010

73011

73012

73016

## Trailer Connector Adapters

- Innovative 1-piece molded design adapts 7, 6 or 4-way trailer connectors.
- Manufactured to interchange with standard trailer and molded connectors.
- Manufactured from nylon material for corrosion resistance.
- Socket material and molded connector wire lengths may vary, but function remains the same.

| Part No. | Description | Converts Socket | Converts Plug |
|---|---|---|---|
| **73010** | 6-way round pin to 4 flat molded conn | 73635 | 74475 |
| **73011** | 7-way round pin to 4 flat molded conn | 73735 | 74475 |
| **73012** | 7-way mobile home/RV to 4 flat molded conn | 73675 | 74475 |
| **73013** | 7-way mobile home/RV to 6-way round pin | 73675 | 73625 |
| **73014** | 4-way round to 4 flat molded conn | 71565 | 74475 |
| **73016** | 7-way mobile home/RV to 5 flat molded conn | 73675 | 74505 |

## Protective Covers

- Protective cover for both male and female 4-pole flat molded connectors.

| Part No. | Description |
|---|---|
| **73090** | Protective Covers |

73097

73095

## Trailer Connector Tester

- LED trailer connector tester.
- Confirms and analyzes tail light, turn signal and ground connections.

| Part No. | Description |
|---|---|
| **73095** | 4-Pole Trailer Connector Tester |
| **73097** | 7-Way Flat Trailer Connector Tester |

74405
Patent No.
4,6,29,268

70985
Contains 1 mounting bracket only which fastens under the ball.

## Knockout Connectors

- Patented knockout to eliminate the unsightly and corrosive effect of conventional plugs hanging loose below the bumper.
- Mates with most 4-way conventional male plugs on the market.
- Four-way female molded trailer connector with a weather-proof dust cover.
- Molded with 30" of 16 gauge wire, long enough to reach either side of the towing vehicle to tap into the trailer lights.
- The wires are color coded- green, yellow, brown and white.
- 70985 is very simple to install, no holes to drill.

| Part No. | Description |
|---|---|
| **74405** | Knockout Molded Connector |
| **70985** | Knockout Mounting Bracket |

"the knockout"

As shown, "the knockout" is designed to snap into pre-existing 1¼" hole on either side of the bumper.

## 'Kwik Connect' Jumper

- 36" loop of 16 gauge wire, with 4-way male connectors on each end for connecting 'Knockout' connector on trailer to 'knockout' on car end.
- Makes a fast and easy connect.

| Part No. | Description |
|---|---|
| **74045** | 'Kwik Connect' Jumper |

plug

socket

## Small Trailer Connectors

71215 only

- Two- and four-contact 20 amp connectors.
- Polarized contacts with screw connections protected by rubber boots.
- Length 2 1⁄16".
- 6, 12 and 24 volt applications.
- Plug and socket supplied as complete unit.

| Part No. | Description |
|---|---|
| **71215** | 2 contact, complete unit |
| **71415** | 4 contact, complete unit |

9000

## 7 Conductor Coiled Trailer Cable

- Patented Xenoy plugs are virtually destruction and corrosion proof with a temperature rating of 56°C to 204°C (-70°F to 400°F).
- Meets S.A.E. and ATA standards.
- Coil jacketing resists chemicals, cutting, abrasion, gasoline, ozone, water, solvents and sunlight.
- Plugs are lightweight and have locking grit that will not disengage from a pull force of up to 480 lbs.
- Sag-proof coil memory.

| Part No. | Description | Gauge/Conductor |
|---|---|---|
| **9000** | Green ABS Coiled Cable, 12-ft | 4-12 Ga, 2-10 Ga, 1-8 Ga |
| **9005** | Green ABS Coiled Cable, 15-ft | 4-12 Ga, 2-10 Ga, 1-8 Ga |
| **9010** | Black Jacket Coiled Cable, 12-ft | 6-12 Ga, 1-10 Ga |
| **9015** | Black Jacket Coiled Cable, 15-ft | 6-12 Ga, 1-10 Ga |

73735 73725

## 7-contact Truck/Trailer Connectors

- 40 amp connector with heavy gauge drawn steel plug and socket.
- Interchanges with most other 7-contact connectors.
- Has a polarized round brass contact.
- Socket cover locks in place and keeps out elements when not in use.
- Mounting holes 2 15/16" on centers.
- Cadmium plated.

| Part No. | Description |
|---|---|
| **73725** | Plug |
| **73735** | Socket |
| **73745** | Protector Spring |
| **73685** | Connector boot; fits 73735 |

73745

73685

73740 73731

## 7-contact Truck/Trailer Connectors

- Seven-contact plug and socket.
- Nylon material helps eliminate corrosion, rust and poor appearances.
- 6 terminals accept up to 10 gauge, 1 up to 8 gauge.
- Labeled to industry standards.
- Rated to 40A continuous at 6-28V DC.

| Part No. | Description |
|---|---|
| **73731** | Nylon Plug |
| **73740** | Nylon Socket, Solid Pin |

73675 73665

## 7-contact Mobile Home/RV Connectors

- Constructed for maximum weather and corrosion resistance.
- Safety latch prevents damage from accidental pull-away.
- Interchangeable with most well-known RV types; color coded to RVI standards.
- 70975 is a rust-proof bracket for mounting 73675 socket.

| Part No. | Description |
|---|---|
| **73665** | Plug |
| **73675** | Socket |
| **70975** | Mounting Bracket |

70975

73771 73770

## 7-contact Mobile Home/RV Connectors

- Seven contact RV connector and plug.
- Nylon material helps to eliminate corrosion, rust and poor appearance.
- Design incorporates dual handles for ease of insertion and removal.
- Labeled to industry standards.
- 70955 is zinc-plated, with an e-coating finish for mounting 73771 socket.

| Part No. | Description |
|---|---|
| **73770** | Nylon Plug |
| **73771** | Nylon Socket |
| **70955** | Mounting Bracket |

70955

## OEM Style RV Socket and Harness Kit

- Kit includes socket, 4-ft harness with connector and mounting bracket
- The 7-wire leads are color-coded to RVI standards for ease of installation.
- Assembly is corrosion resistant featuring tin-plated copper alloy terminals and silicone at the rear of the socket to complete a sealed connection.
- Fits many popular OEM truck applications.

| Part No. | Description |
|---|---|
| **73750** | OEM Style RV Socket and Harness Kit |

## 6-contact Metal Connectors & Boots

- 35 amp connector with die cast metal construction and spring-loaded cover.
- Round brass contacts are interchangeable with other popular 6-way connectors.
- Mounting holes 2 15/16" on centers.
- 70965 is a rust-proof bracket for 73635 socket.

73635 73625

| Part No. | Description |
|---|---|
| **73625** | Plug |
| **73635** | Socket |
| **70965** | Mounting Bracket |

70965

## 6-contact Concealed Terminal Trailer Connector

- Contains split brass pins for best conductivity.
- Terminals accept up to 12-gauge wire.
- Extended barrel of socket supports and conceals terminal connection.
- Manufactured from heavy gauge drawn steel.
- Rated for 6-24V DC.

| Part No. | Description |
|---|---|
| **73730** | Concealed Terminal Socket |

73775

73765

## 6-contact Chrome Connectors

- 35 amp connector.
- Interchangeable with all round types using spring-loaded plugs.
- Black molded plastic socket with plated spring-loaded cover.
- Die casted with molded interior.
- Mounting holes 2 15/16" on centers.
- Designed for recreational vehicles.
- 70965 is a rust-proof bracket for 73775 socket.

| Part No. | Description |
|---|---|
| **73765** | Plug |
| **73775** | Socket |
| **73695** | Protective boot; fits 73775 |
| **70965** | Mounting Bracket |

73695

70965

71565

71545

## 4-contact Round Trailer Connector

- Rated to 35 amps at 12-24 volts with a zinc metal construction.
- Spring-loaded cover protects split pin design.
- Extended barrel of socket supports and conceals terminal connection.
- Two ¼" mounting holes 2-⅞" center-on-center.

| Part No. | Description |
|---|---|
| **71545** | Plug |
| **71565** | Socket |

71595

71575

## 4-contact Chrome Metal Connectors

- Chrome-plated, 20 amp polarized connector.
- For automobile, truck, marine and recreational vehicle use.
- Spring loaded cover holds plug in place and keeps out elements when not in use.
- Heavy round brass contacts.
- Two-hole flange mounting 1 13/16" on centers.

| Part No. | Description |
|---|---|
| **71575** | Plug |
| **71595** | Socket |
| **70965** | Mounting Bracket |

70965

71571

71570

## Single-contact Trailer Connectors

- Ideal for almost all heavy-duty power applications.
- Provides power from battery to auxiliary equipment.
- Interchangeable with competitive brands.
- Rated for 300A continuous duty.
- Pin accepts up to 2/0 cable (solder connection) and grounding lug is 4-2 gauge cable.
- Use 73745 protector spring (pg. 158) for strain relief on 71570.

| Part No. | Description |
|---|---|
| **71570** | Plug |
| **71571** | Socket |

73442

73440

## Locking Trolling Motor Plug & Receptacle

- Locking plug and receptacle provides a superior electrical connection for trolling motors.
- Plug "locks" into receptacle and provides a waterproof seal; screw terminals will not loosen under extreme hull vibration, and drain holes in receptacle keep water away from electrical components.
- Universal design for 2- or 3-wire configuration 12, 24, 12/24, 24/36 or 36 volt systems.
- Corrosion resistant, plated brass electrical components; standard 1⅛" diameter mounting hole.
- Easy to install, with supplied mounting plate for front panel installation, or locking ring for rear access installation; easily replaces other plugs and receptacles.
- Receptacle accepts 10 and 8 gauge wire; plug accepts 16 to 8 gauge wire.

| Part No. | Description |
|---|---|
| **73442** | Locking Trolling Motor Plug |
| **73440** | Locking Trolling Motor Receptacle |

73540

73542

## Deluxe 12V Plug & Receptacle

- Plug "locks" into receptacle and provides a waterproof seal.
- Easy to install, with supplied mounting plate for front panel installation, or locking ring for rear access installation.
- Watertight sealing cap on the receptacle; moisture proof sealing ring on the plug.
- Compatible with standard 12V plug and receptacles.
- Plug has internal strain relief and cord seal, and an interchangeable 10A fuse.

| Part No. | Description |
|---|---|
| **73540** | Locking 12V Plug |
| **73542** | Locking 12V Receptacle |

## Auxiliary 12 Volt Lighter Socket

- Lighter plugs with protective snap-on cover.
- Standard .250" push-on terminals for wire connection.
- 1.100" mounting hole.

| Part No. | Description |
|---|---|
| **73549** | Auxiliary 12 Volt Lighter Socket |

## Snap-in Female Lighter Socket

- Fast mounting expandable clips.
- Lighter plugs with protective snap-on cover.
- Under dash mounting bracket included.

| Part No. | Description |
|---|---|
| **73548** | Snap-in Female Lighter Socket |