

TRAILER works™

Catalog No.

TW-11

SEPTEMBER, 2011

Supersedes Catalog TW-02

TRAILER WIRING CONNECTORS & ACCESSORIES

For Pickups, Cars, SUV's and Vans



Converters and Isolators



Universal (Splice-In Style) Connectors



Adapters



T-Connector (Plug-In Style) Trailer Connectors



Accessories

Illustrated Parts Guide

Includes 2011 Supplement

BWD



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This warranty does not include labor or cover the cost of any other components or labor required to restore the motor vehicle to its proper operating condition.

This warranty does not apply to Trailerworks™ products that have been: 1) altered; 2) improperly installed, maintained or repaired or installed on a second engine or motor vehicle; 3) damaged by accident, negligence or misuse; 4) used in commercial, fleet, heavy duty, off road, public or governmental vehicles; or 5) returned with missing components or parts that were originally included in the package.

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Para obtener más información respecto a esta Garantía Limitada, comuníquese con Standard Motor Products, Inc., 37-18 Northern Boulevard, Long Island City, N.Y. 11101-1616, Attention: Product Assistance Group, 1-800-566-8334.

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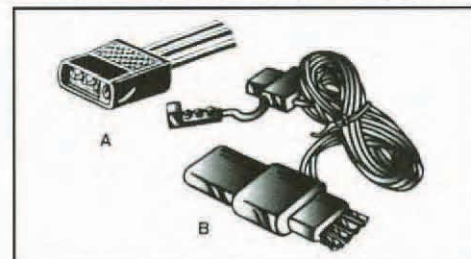
TRAILER CONNECTOR BASICS

WHAT KIND OF TRAILER CONNECTORS ARE THERE?

There are two basic types of trailer connectors; Universal and Vehicle Specific.

Universal Connectors are splice-in connectors that fit ANY vehicle. Universal connectors are made up of two halves—the trailer side plug, sometimes called the male half, and the tow vehicle side socket, sometimes called the female half.

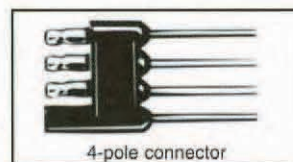
Vehicle Specific Connectors are connectors that fit a specific application. This type of connector plugs directly into the existing factory wiring harness on your truck or car. This makes wiring a trailer to your vehicle an easy task. Simply unplug your factory wiring harness, insert a TrailerWorks T-Connector and you're ready to go. Vehicle specific plug-in connectors are prewired to a four-pole flat connector. This is the most common style of trailer connector. If electric brakes or additional circuits are needed, they must be wired separately.



A – Universal splice-in connector
B – Vehicle Specific connector

WHAT ARE “POLES”?

The most common terminology used to describe trailer connectors is “pole” or “way”. Both terms mean the same thing when describing trailer connectors. Each “pole” is a circuit or function. You must have AT LEAST one pole for each of the circuits on the vehicle PLUS ONE additional pole for the ground circuit.



Each wire is a “Pole” or circuit

Four-Pole Connector	=	left turn, right turn, taillights, ground
Five-Pole Connector	=	left turn, right turn, taillights, auxiliary, ground
Six-Pole Connector	=	left turn, right turn, taillights, auxiliary, electric brakes, ground
Seven-Pole Connector	=	left turn, right turn, taillights, auxiliary, electric brakes, battery, ground

DO THE WIRE COLORS MEAN ANYTHING?

Molded Universal connectors have wires that are color coded to their specific functions, as follows:

YELLOW	–	Left Turn/Stoplight	BLUE	–	Electric Brakes
GREEN	–	Right Turn/Stoplight	RED	–	Auxiliary
BROWN	–	Tail and Marker Lights	BLACK	–	Battery
WHITE	–	Ground			

Rigid plastic and die cast Universal connectors have a similar standard for each different connector (depending on the number of poles) AND also recommend the color of the wire for each function (to make tracing problems easier). A wiring diagram and color code is packed with each universal TrailerWorks trailer connector.

Caution: Wiring diagrams and color codes are provided for reference only. It is the installer's responsibility to identify vehicle and trailer wiring according to function. Wire color and function is not standard among vehicle or trailer manufacturers. The vehicle or trailer may be damaged if the connector is installed incorrectly.

IS THE GAUGE OF THE WIRE IMPORTANT?

It is important that the correct size wire gauge be used on any Universal connector installation. All circuits on connectors MUST be at least 18 gauge wire EXCEPT the ground circuit, which must be 16 gauge. The trailer lights are a long way away from the power source (your tow vehicle battery), and the proper size wires will ensure that your lights operate at full brightness for best visibility and safety.

TRAILER CONNECTOR BASICS

WHY DO MY LIGHTS BLINK TOO FAST?

One tip when connecting a trailer to your vehicle for the first time...always check to be sure the turn signals blink properly. Most cars and trucks come from the factory with a "fixed load" flasher. In many cases the additional electrical load from the trailer light bulbs will overload the factory flasher causing it to blink much too rapidly. A quality aftermarket "Heavy Duty" (also known as a variable load) flasher should fix the problem.

DO I NEED A TAILLIGHT CONVERTER?

If your tow vehicle has amber turn signals and your trailer has only red taillights, you need a taillight converter. The converter combines the separate stop and turn signals of the tow vehicle into one circuit.

HOW DO I PROTECT MY VEHICLE'S ELECTRONICS?

New vehicles have sophisticated, complex, electronics and computer systems such as anti-lock brakes, message centers, stereo systems, and anti-theft systems.

These devices can be INSTANTLY destroyed by a voltage spike or a short circuit when installing or using a trailer connector. In order to protect these components, TrailerWorks offers a series of circuit protection device called Circuit Savers™. These devices bypass the sensitive electronics by bringing power directly from the tow vehicle's battery to the trailer. This isolates the tow vehicle from the trailer and protects the electrical system from shorts, overloads or other electrical malfunctions.

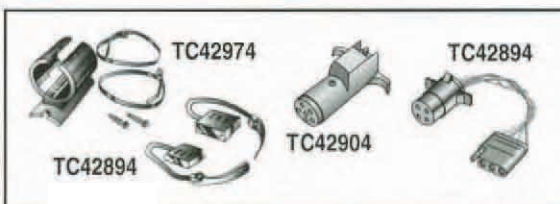


TrailerWorks Circuit Saver module protects complex tow vehicle systems.

WHAT IF MY TRUCK AND TRAILER CONNECTORS DON'T MATCH?

Adapters let you tow trailers with fewer poles than on your tow vehicle. Simply insert the adapter into your car or truck's connector and plug your trailer's connector into the other end.

If your tow vehicle has fewer poles than your trailer, you need to replace the tow vehicle's connector to match the one your trailer.



TrailerWorks trailer towing accessories make towing safe and easy.

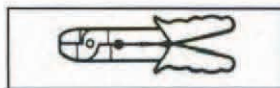
TOOLS NEEDED FOR T-CONNECTOR INSTALLATION



Screwdriver – Screwdrivers of appropriate sizes styles – Standard, Phillips or Torx Drive.



Test Light – A simple small 12 volt bulb type tester will work fine.



Crimp Tool – Tool for secure crimping of solderless terminals. Do not use pliers or vise jaw type tools. An electrical crimping tool is the only way to ensure a solid connection.



Heat Gun – A safer way to produce enough heat to shrink adhesive filled terminals or shrink wrap on electrical connections. It is NOT RECOMMENDED to use matches, lighters or open flame around cars and trucks. Gasoline vapors can explode and cause severe injury or damage.



Socket Wrench (metric or std) – A small 1/4" drive socket set with sockets up to 3/8" or 10mm will be all you need. Usually there are only one or two bolts/screws requiring a socket wrench.



Electric Drill



Utility Knife



Plug-In T-Connectors

Making the electrical connection between your trailer and vehicle has never been easier! There's no need to strip or splice wires. Just plug it in...and go!

There's a plug-in TrailerWorks T-Connector for just about every popular truck, sport utility and van on the road today...and even many cars. Each TrailerWorks plug-in T-Connector is prewired and ends with a 4 pole flat connector for fast, easy O.E. style connection to most boat or utility trailers in use today. **Adapter kits** are available for a variety of other types of trailers connections.

Many TrailerWorks plug-in T-Connectors contain integral **electronic taillight converters** for cars and trucks with separate stop and turn signals. Where required, additional circuit protection is supplied via either a **power converter** or **Circuit Saver™ circuit protection device**. These protect your vehicle's electrical system from overload damage.

To assist in installation, each TrailerWorks T-Connector package shows you the basic tool(s) you'll need to do the job. Installation instructions are provided in English, Spanish and French. Each package also contains a packet of grease to assure a well-sealed electrical connection. White ground wires are prewired into unit or have ring terminals attached for easy grounding.

A broad variety of trailering accessories such as a storage box, plug holder, ribbon wire, battery isolator solenoid, circuit breakers, and many more are available.

When you're ready to go "trailering", select one of the following TrailerWorks T-Connectors...plug it in...and go!

TC43014

LOCATION Behind the passenger side rear taillight. Access it from underneath vehicle.

MODEL

Jeep Wrangler

YEAR

2002-98

MALE CONNECTOR
W/FEMALE TERMINALS



FEMALE CONNECTOR
W/MALE TERMINALS



TC43964

LOCATION Behind spare tire towards passenger side of vehicle.

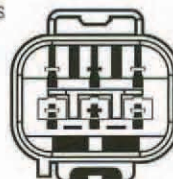
MODEL

Toyota Landcruiser

YEAR

1999

FEMALE CONNECTOR
W/MALE TERMINALS



TC44074

LOCATION Under vehicle. On driver's side frame rail, within 12" of rear bumper.

MODEL

Chevrolet/GMC S10/15 Pickup (Includes Sonoma)

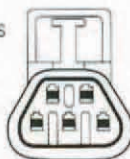
YEAR

2002-98

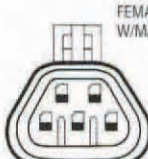
Isuzu Hombre

2000-98

MALE CONNECTOR
W/FEMALE TERMINALS



FEMALE CONNECTOR
W/MALE TERMINALS



TC44104

LOCATION Behind taillights. Must remove both lights for access. Connects to BOTH sides of vehicle.

MODEL

Chrysler Town & Country Mini Van

(Without Factory Tow Package)

YEAR

1994-88

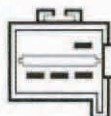
Dodge Caravan (Without Factory Tow Package)

1994-88

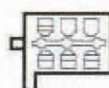
Plymouth Voyager (Without Factory Tow Package)

1994-88

Driver Side

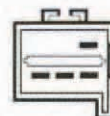


FEMALE
CONNECTOR
W/MALE
TERMINALS

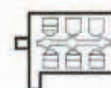


MALE CONNECTOR
W/FEMALE
TERMINALS

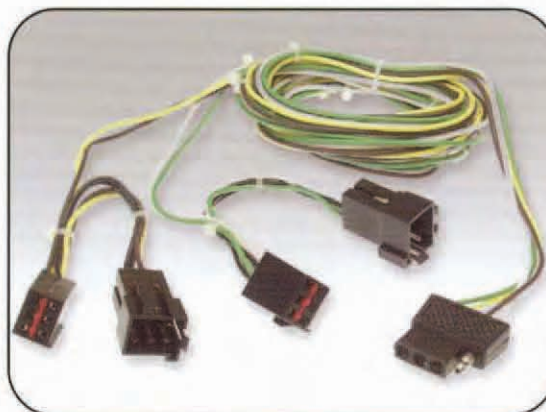
Passenger Side



FEMALE
CONNECTOR
W/MALE
TERMINALS



MALE CONNECTOR
W/FEMALE
TERMINALS



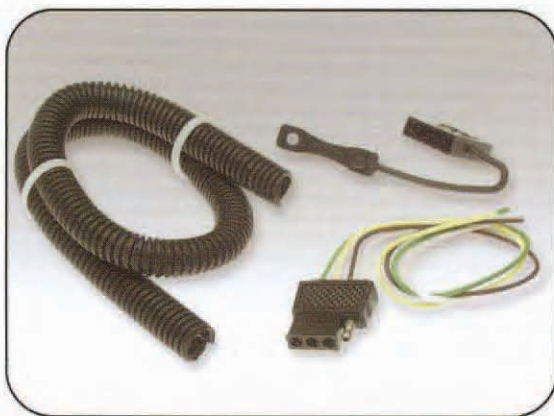
T-CONNECTOR TRAILER CONNECTORS

TC44114

LOCATION Splice into factory wiring under vehicle, on cross rail, 12" back from bumper.

Custom splice-in connector. Attaches to factory COLOR CODED wiring found under bumper of ALL Blazer/Jimmy vehicles. Complete with waterproof connectors and wire ties.

MODEL	YEAR
Chevrolet/GMC Astro/Safari.....	2002-95
Chevrolet/GMC Blazer/Jimmy (S Series)	2001-95
Chevrolet/GMC Envoy.....	2001-99
Oldsmobile Bravada.....	2001-96



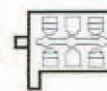
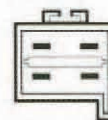
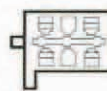
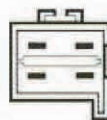
TC44124

LOCATION Connects to taillight harness behind trim panels inside vehicle. Connects to BOTH sides of vehicle.

MODEL	YEAR
Full Size Dodge Vans	1998-93

Driver Side

Passenger Side

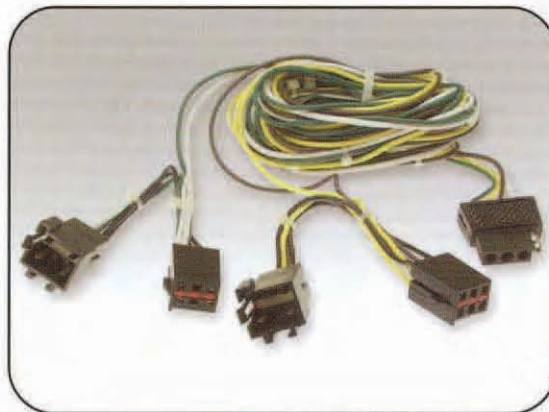


FEMALE CONNECTOR
W/MALE TERMINALS

MALE CONNECTOR
W/FEMALE TERMINALS

FEMALE CONNECTOR
W/MALE TERMINALS

MALE CONNECTOR
W/FEMALE
TERMINALS



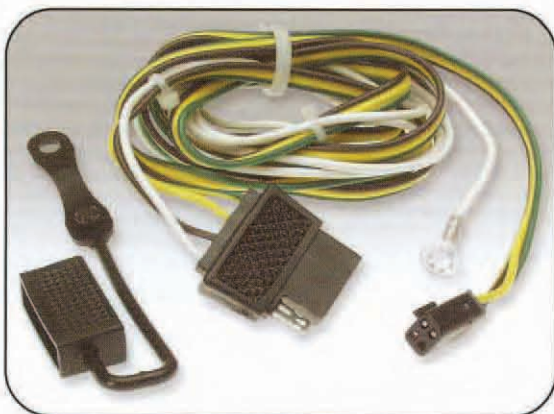
TC44134

LOCATION Behind interior trim on driver's side of vehicle.

MODEL	YEAR
Chevrolet/GMC Blazer/Jimmy (S Series-2 door only)	1994-92



MALE CONNECTOR
W/FEMALE TERMINALS



TC44144

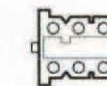
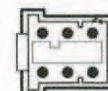
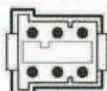
LOCATION Inside trunk. Behind taillights on BOTH sides of vehicle.

Includes power taillight converter

MODEL	YEAR
Ford Taurus Sedan.....	1999-96
Mercury Sable Sedan.....	1999-96

Driver Side

Passenger Side

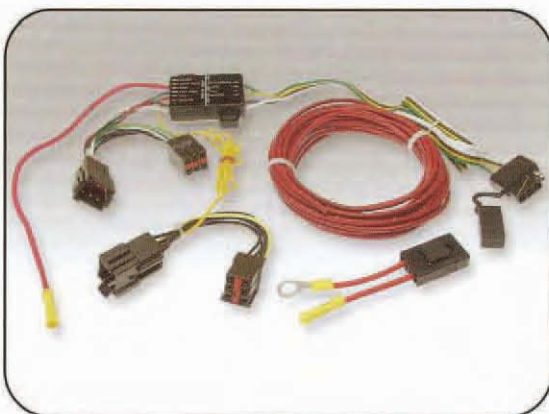


FEMALE CONNECTOR
W/MALE TERMINALS

MALE CONNECTOR
W/FEMALE TERMINALS

FEMALE CONNECTOR
W/MALE TERMINALS

MALE CONNECTOR
W/FEMALE
TERMINALS

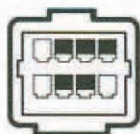


TC44154

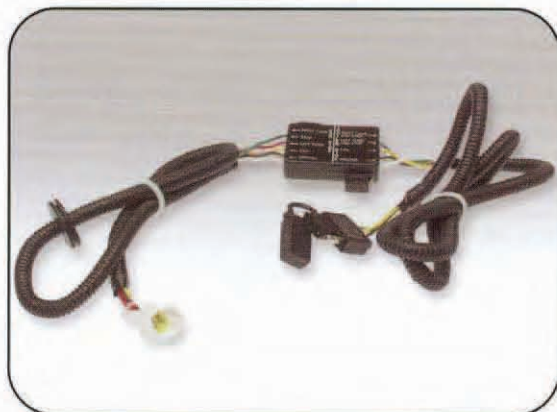
LOCATION Behind trim panel in jack compartment.

Includes electronic taillight converter

MODEL Isuzu Amigo YEAR 2000-98



FEMALE CONNECTOR
W/MALE TERMINALS

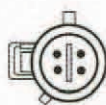


TC44174

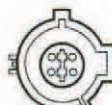
LOCATION Connects to the vehicle's taillamp connectors located underneath the vehicle's tail section.

MODEL Ford Trucks E150/250/350 YEAR 1991-90

Driver Side



MALE CONNECTOR
W/MALE TERMINALS



FEMALE CONNECTOR
W/FEMALE
TERMINALS

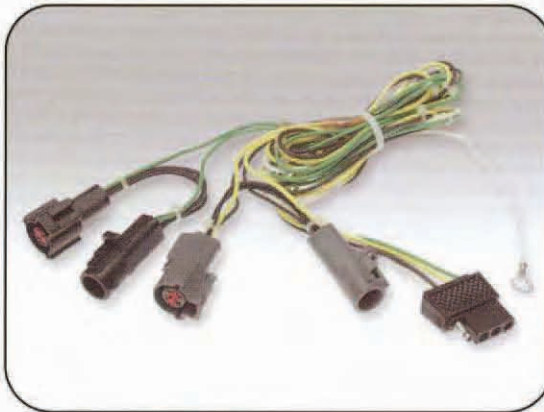
Passenger Side



MALE CONNECTOR
W/MALE TERMINALS



FEMALE CONNECTOR
W/FEMALE
TERMINALS



TC44184

LOCATION Behind interior trim on driver's side of vehicle.

Includes electronic taillight converter

MODEL Toyota Sienna YEAR 2001-98

Driver Side



MALE CONNECTOR
W/FEMALE TERMINALS

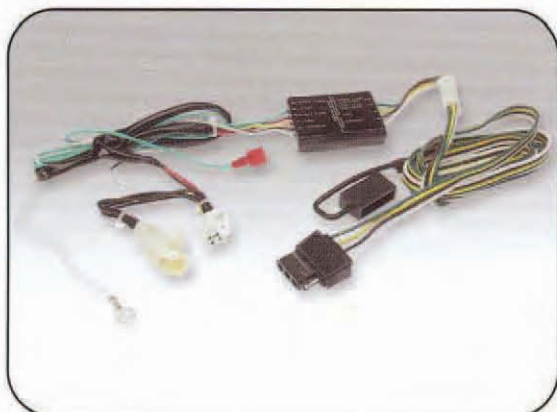


FEMALE CONNECTOR
W/MALE TERMINALS

Passenger Side



FEMALE CONNECTOR
W/MALE TERMINALS



TC44194

LOCATION Behind taillights on BOTH sides of vehicle.

Includes power taillight converter

MODEL Jeep Grand Cherokee after 2/14/94 YEAR 1998-94

Driver Side

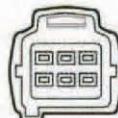


MALE CONNECTOR
W/FEMALE
TERMINALS



FEMALE CONNECTOR
W/MALE TERMINALS

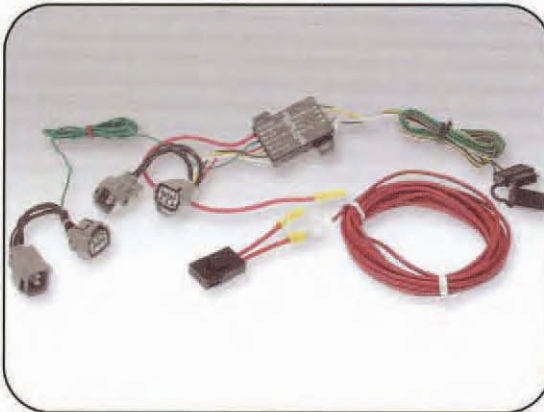
Passenger Side



MALE CONNECTOR
W/FEMALE
TERMINALS



FEMALE CONNECTOR
W/MALE TERMINALS

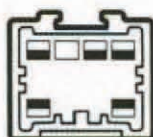


TC44204

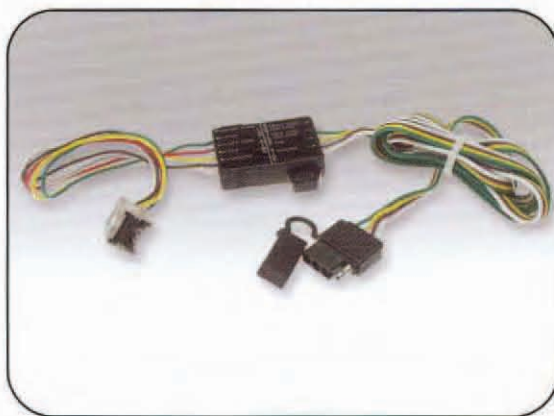
LOCATION Behind interior trim on driver's side of vehicle.

Includes electronic taillight converter

MODEL	YEAR
Acura Integra.....	2001-94
Acura RL, TL.....	2002-96
Acura CL.....	2002-97
Acura MDX.....	2002-01
Honda Accord.....	2002-94
Honda Odyssey.....	1999-94
Isuzu Oasis.....	1997-96



FEMALE CONNECTOR
W/MALE TERMINALS

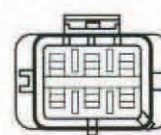


TC44214

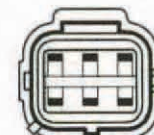
LOCATION Under vehicle. On driver's side rear bumper.

Includes electronic taillight converter

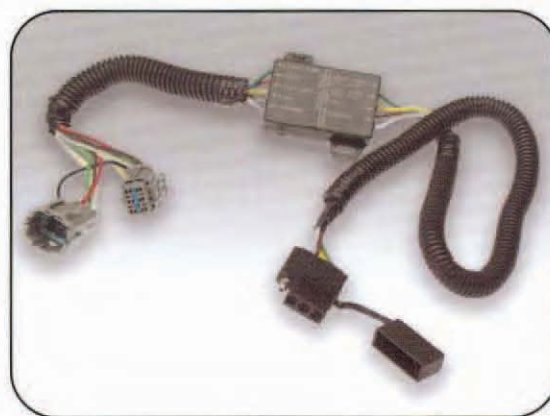
MODEL	YEAR
Mercury Villager.....	1998
Nissan Frontier.....	2002-98
Nissan Quest.....	1998



MALE CONNECTOR
W/FEMALE TERMINALS



FEMALE CONNECTOR
W/MALE TERMINALS



TC44234

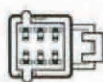
LOCATION Behind trim panels in rear compartment. Connects to harness on BOTH sides of vehicle.

MODEL	YEAR
Buick Roadmaster Wagon.....	1996-91
Chevrolet Caprice Wagon.....	1996-91
Oldsmobile Custom Cruiser.....	1992-91

Driver Side

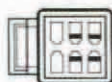


FEMALE CONNECTOR
W/MALE TERMINALS

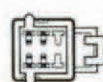


MALE CONNECTOR
W/FEMALE TERMINALS

Passenger Side



FEMALE CONNECTOR
W/MALE TERMINALS



MALE CONNECTOR
W/FEMALE
TERMINALS

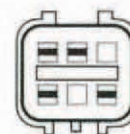


TC44334

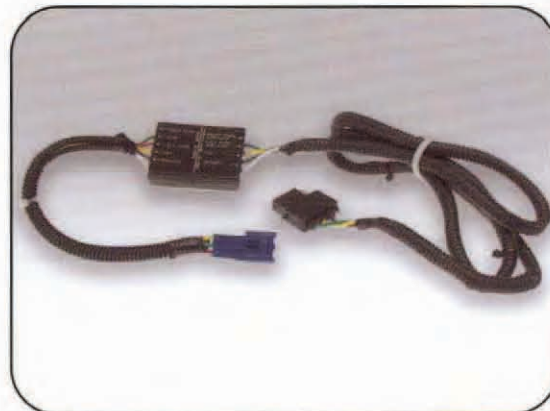
LOCATION Behind taillights on driver's side of vehicle.

Includes electronic taillight converter

MODEL	YEAR
Geo Tracker.....	1996
Suzuki Sidekick.....	1998-89



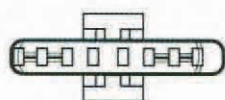
FEMALE CONNECTOR
W/MALE TERMINALS



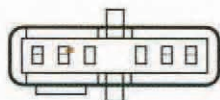
TC44344

Minor assembly required (see installation instructions).

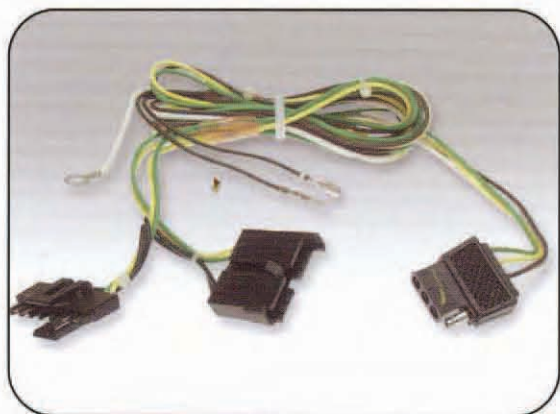
MODEL	YEAR
Buick, Cadillac, Chevrolet, Oldsmobile, Pontiac.....	1991-76



MALE CONNECTOR
W/MALE TERMINALS



FEMALE CONNECTOR
W/FEMALE TERMINALS



TC44354

LOCATION Behind taillights. Easiest to remove BOTH lights for access. Connects to BOTH sides of vehicle.

Includes electronic taillight converter

MODEL	YEAR
Mazda Pickups	1992-90

Driver Side

Passenger Side



FEMALE CONNECTOR
W/MALE TERMINALS



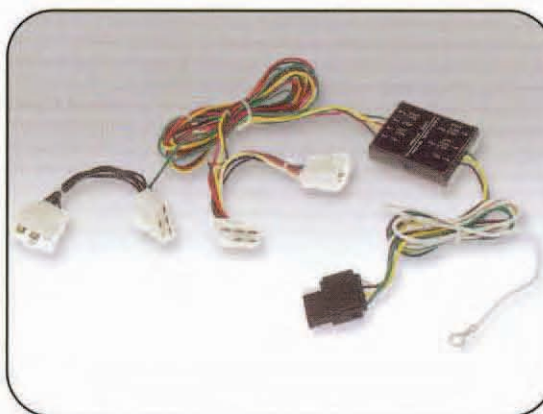
MALE CONNECTOR
W/FEMALE TERMINALS



FEMALE CONNECTOR
W/MALE TERMINALS



MALE CONNECTOR
W/FEMALE
TERMINALS



TC44364

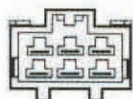
LOCATION Behind taillights. Easiest to remove BOTH lights for access. Connects to BOTH sides of vehicle.

Includes electronic taillight converter

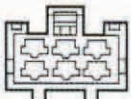
MODEL	YEAR
Nissan Pathfinder	1995-86
Nissan Pickup	1997-86

Driver Side

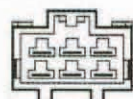
Passenger Side



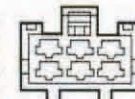
FEMALE CONNECTOR
W/MALE TERMINALS



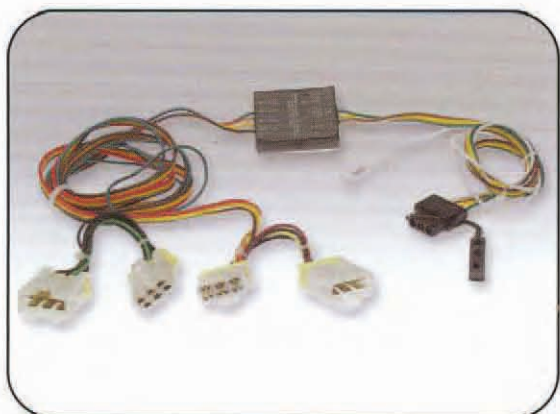
MALE CONNECTOR
W/FEMALE TERMINALS



FEMALE CONNECTOR
W/MALE TERMINALS



MALE CONNECTOR
W/FEMALE
TERMINALS



TC44374

LOCATION Behind taillights. Easiest to remove BOTH lights for access. Connects to BOTH sides of vehicle.

Includes electronic taillight converter

MODEL	YEAR
Toyota Pickup (exc. T100)	1994-84
Toyota Tacoma Pickup	2000-95

Driver Side

Passenger Side



FEMALE CONNECTOR
W/MALE TERMINALS



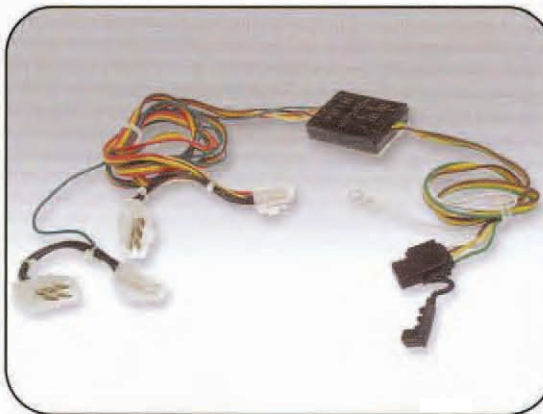
MALE CONNECTOR
W/FEMALE TERMINALS



FEMALE CONNECTOR
W/MALE TERMINALS



MALE CONNECTOR
W/FEMALE
TERMINALS



T-CONNECTOR TRAILER CONNECTORS

TC44384

LOCATION Behind taillights. Easiest to remove BOTH lights for access. Connects to BOTH sides of vehicle.

Includes electronic taillight converter

MODEL Toyota 4Runner YEAR 1992-90

Driver Side



FEMALE CONNECTOR W/MALE TERMINALS



MALE CONNECTOR W/FEMALE TERMINALS

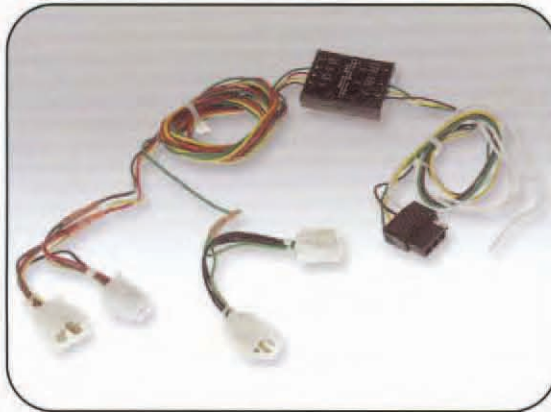
Passenger Side



FEMALE CONNECTOR W/MALE TERMINALS



MALE CONNECTOR W/FEMALE TERMINALS

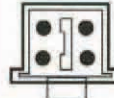


TC44394

LOCATION Rear of cargo area. Behind plastic trim panels. Connects to BOTH sides of vehicle.

MODEL Ford Crown Victoria..... YEAR 1997-92
Ford Mustang..... 2002-94
Mercury Grand Marquis..... 1997-92

Driver Side

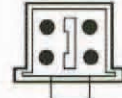


FEMALE CONNECTOR W/MALE TERMINALS

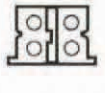


MALE CONNECTOR W/FEMALE TERMINALS

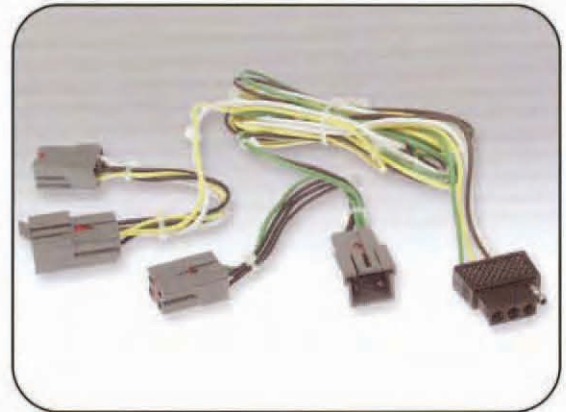
Passenger Side



FEMALE CONNECTOR W/MALE TERMINALS



MALE CONNECTOR W/FEMALE TERMINALS



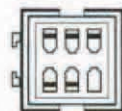
TC44404

LOCATION Behind taillights on BOTH sides of vehicle.

Includes electronic taillight converter

MODEL Jeep Cherokee YEAR 1990-87

Driver Side

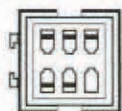


FEMALE CONNECTOR W/MALE TERMINALS



MALE CONNECTOR W/FEMALE TERMINALS

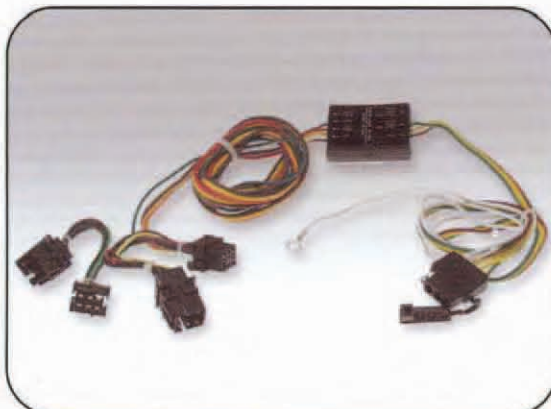
Passenger Side



FEMALE CONNECTOR W/MALE TERMINALS



MALE CONNECTOR W/FEMALE TERMINALS



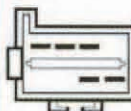
TC44414

LOCATION Behind taillights on BOTH sides of vehicle.

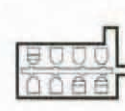
Includes electronic taillight converter

MODEL Jeep Cherokee/Briarwood..... YEAR 1996-91

Driver Side

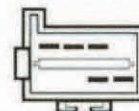


FEMALE CONNECTOR W/MALE TERMINALS

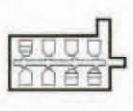


MALE CONNECTOR W/FEMALE TERMINALS

Passenger Side



FEMALE CONNECTOR W/MALE TERMINALS



MALE CONNECTOR W/FEMALE TERMINALS



TC44424

LOCATION Behind taillights on BOTH sides of vehicle.

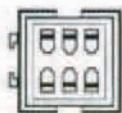
MODEL

Jeep Wagoneer

YEAR

1990-87

Driver Side

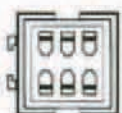


FEMALE CONNECTOR
W/MALE TERMINALS



MALE CONNECTOR
W/FEMALE TERMINALS

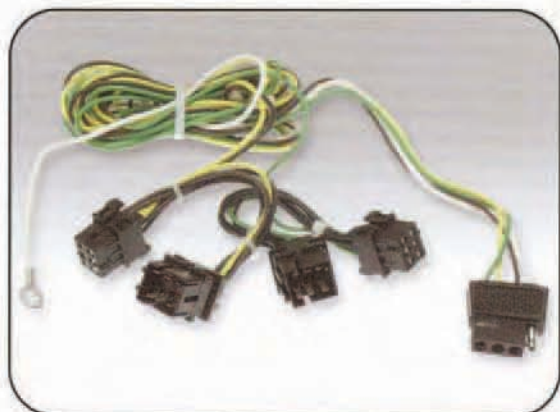
Passenger Side



FEMALE CONNECTOR
W/MALE TERMINALS



MALE CONNECTOR
W/FEMALE
TERMINALS



TC44434

LOCATION Under vehicle. Connects vehicle harness on frame rails on BOTH sides of vehicle.

MODEL

Ford Trucks Bronco

YEAR

1996-92

Ford Trucks F150/250/350
(Flairside only)

1996-94

Driver Side



MALE
CONNECTOR
W/MALE
TERMINALS



FEMALE
CONNECTOR
W/FEMALE
TERMINALS

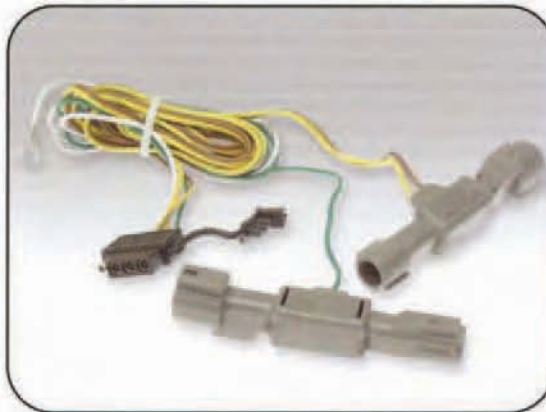
Passenger Side



MALE
CONNECTOR
W/MALE
TERMINALS



FEMALE
CONNECTOR
W/FEMALE
TERMINALS



TC44444

LOCATION Behind taillights on BOTH sides of vehicle.

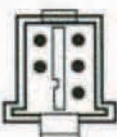
MODEL

Ford Taurus Sedan

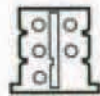
YEAR

1995-92

Driver Side

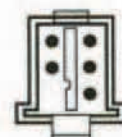


FEMALE
CONNECTOR
W/MALE TERMINALS

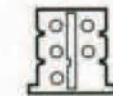


MALE
CONNECTOR
W/FEMALE
TERMINALS

Passenger Side



FEMALE CONNECTOR
W/MALE TERMINALS



MALE
CONNECTOR
W/FEMALE
TERMINALS



TC44454

LOCATION Behind taillights on BOTH sides of vehicle. Must remove lights for access. Connects to BOTH sides of vehicle.

Includes "Circuit Saver™"

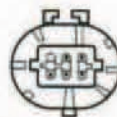
MODEL

Jeep Grand Cherokee (Before 02/14/94)

YEAR

1994-93

Driver Side

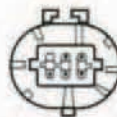


FEMALE CONNECTOR
W/MALE TERMINALS



MALE CONNECTOR
W/FEMALE
TERMINALS

Passenger Side



FEMALE CONNECTOR
W/MALE TERMINALS



MALE CONNECTOR
W/FEMALE
TERMINALS

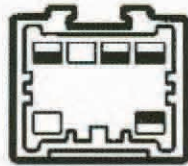


TC44484

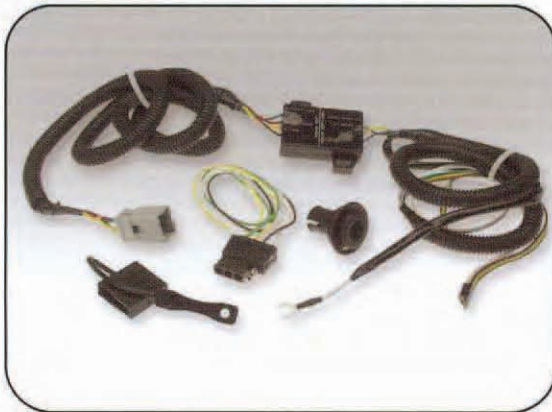
LOCATION Behind interior trim on driver's side of vehicle.

Includes electronic taillight converter

MODEL	YEAR
Honda CRV	2001-97



FEMALE CONNECTOR
W/MALE TERMINALS

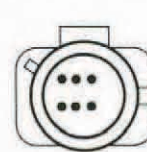


TC44514

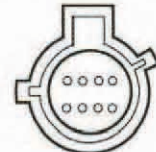
LOCATION Under vehicle. Along driver's side frame rail. Within 12" of bumper.

Includes electronic taillight converter

MODEL	YEAR
Ford Ranger	1999-93
Mazda B Series Pickup	1999-94



FEMALE CONNECTOR
W/MALE TERMINALS



MALE CONNECTOR
W/FEMALE TERMINALS

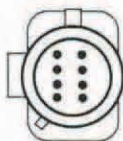


TC44544

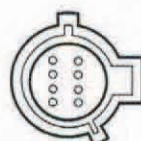
LOCATION Under vehicle. Along frame rail on BOTH sides of vehicle. Connects to BOTH sides of vehicle.

MODEL	YEAR
Ford Bronco	1991-89

Driver Side



MALE CONNECTOR
W/FEMALE
TERMINALS

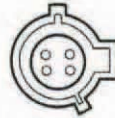


FEMALE CONNECTOR
W/MALE
TERMINALS

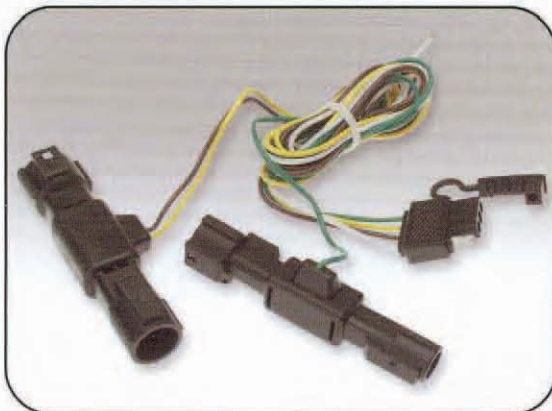
Passenger Side



MALE CONNECTOR
W/FEMALE
TERMINALS



FEMALE CONNECTOR
W/MALE
TERMINALS



TC44554

LOCATION Under vehicle. Along frame rail on BOTH sides of vehicle. Connects to BOTH sides of vehicle.

Includes electronic taillight converter

MODEL	YEAR
Ford Bronco II	1991-87

Driver Side



MALE CONNECTOR
W/FEMALE
TERMINALS



FEMALE CONNECTOR
W/MALE
TERMINALS

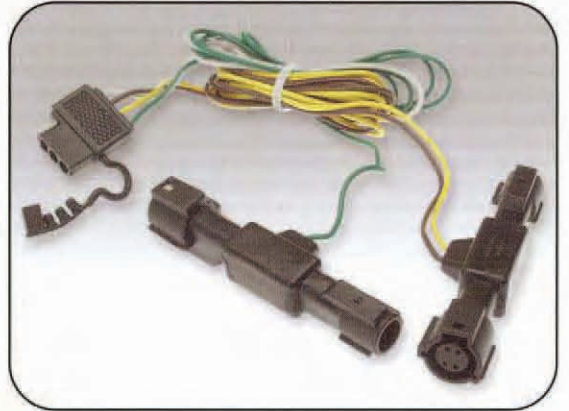
Passenger Side



MALE CONNECTOR
W/FEMALE
TERMINALS



FEMALE CONNECTOR
W/MALE
TERMINALS



TC44564

LOCATION Behind spare tire on either side of vehicle.

MODEL	YEAR
Dodge Dakota.....	1994-88
Dodge Full Size Pickup.....	1994-87
Dodge Ramcharger.....	1993-88

Driver Side



FEMALE
CONNECTOR
W/MALE
TERMINALS



MALE CONNECTOR
W/FEMALE
TERMINALS

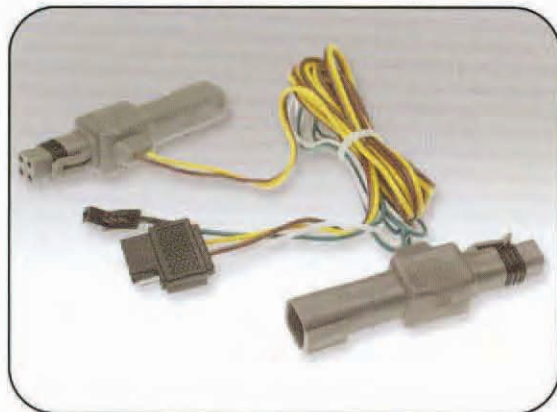
Passenger Side



FEMALE
CONNECTOR
W/MALE
TERMINALS



MALE CONNECTOR
W/FEMALE
TERMINALS



TC44574

LOCATION Inside vehicle rear compartment. Behind trim panel on driver's side.

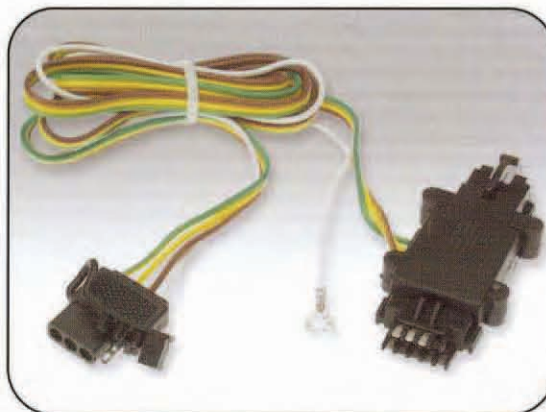
MODEL	YEAR
Chevrolet/GMC Blazer/Jimmy (S10/15 - 2 door only).....	1991-84



MALE CONNECTOR
W/MALE TERMINALS



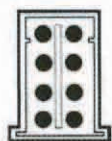
FEMALE CONNECTOR
W/FEMALE TERMINALS



TC44584

LOCATION Inside vehicle rear compartment. Behind trim panel on driver side.

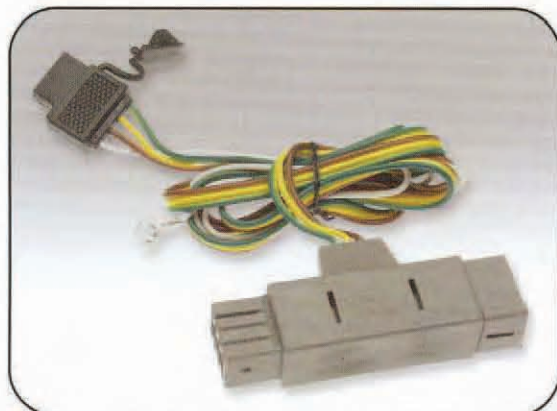
MODEL	YEAR
Ford Explorer.....	1994-91
Mazda Navajo.....	1994-91



FEMALE CONNECTOR
W/MALE TERMINALS



MALE CONNECTOR
W/FEMALE TERMINALS



TC44594

LOCATION Behind taillights on BOTH sides of vehicle. Remove taillights for access. Connects to BOTH sides of vehicle.

Includes electronic taillight converter

MODEL	YEAR
Jeep Grand Wagoneer.....	1991-87

Driver Side



FEMALE



MALE

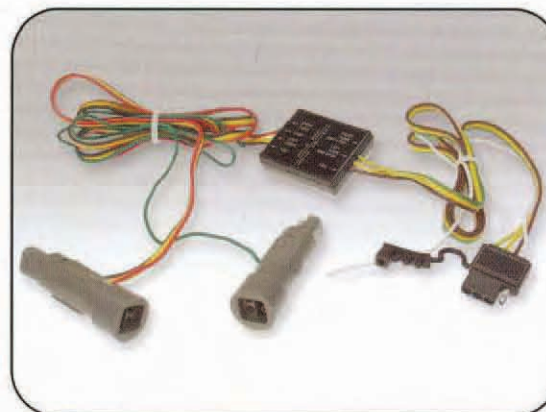
Passenger Side



FEMALE



MALE



T-CONNECTOR TRAILER CONNECTORS

TC44614

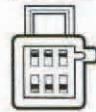
LOCATION Behind taillights on BOTH sides of vehicle. Must remove taillights for access. Connects to BOTH sides of vehicle.

MODEL

Chevrolet Lumina APV, Oldsmobile Silhouette,
Pontiac Transport1996-93
Chevrolet Lumina APV, Oldsmobile Silhouette,
Pontiac Transport (with 6 pin connector).....1992

YEAR

Driver Side

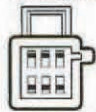


FEMALE
CONNECTOR
W/MALE
TERMINALS



MALE CONNECTOR
W/FEMALE
TERMINALS

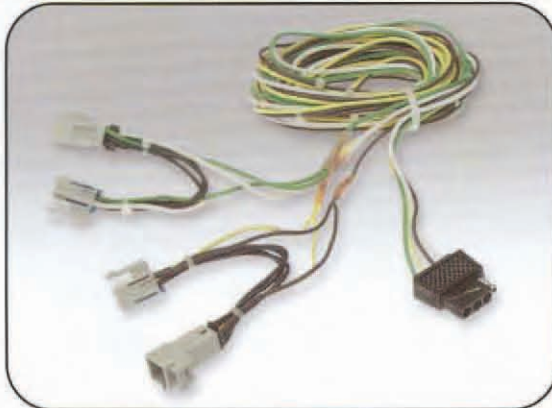
Passenger Side



FEMALE CONNECTOR
W/MALE TERMINALS



MALE CONNECTOR
W/FEMALE
TERMINALS



TC44624

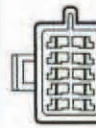
LOCATION Behind taillights on BOTH sides of vehicle. Must remove taillights for access. Connects to BOTH sides of vehicle.

MODEL

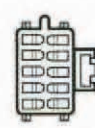
Chevrolet Lumina APV, Oldsmobile Silhouette,
Pontiac Transport1991-90
Chevrolet Lumina APV, Oldsmobile Silhouette,
Pontiac Transport (with 10 pin connector).....1992

YEAR

Driver Side



FEMALE CONNECTOR
W/MALE
TERMINALS

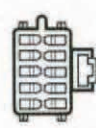


MALE CONNECTOR
W/FEMALE
TERMINALS

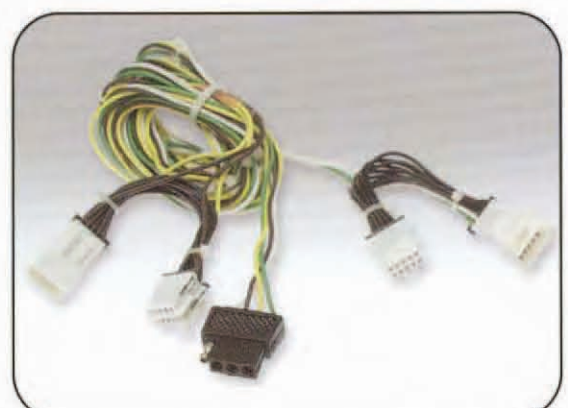
Passenger Side



FEMALE CONNECTOR
W/MALE
TERMINALS



MALE CONNECTOR
W/FEMALE
TERMINALS



TC44634

LOCATION Under vehicle. Along driver's side frame rail. Within 12"-15" of bumper.

MODEL

Ford Truck F150/250/3501979-74

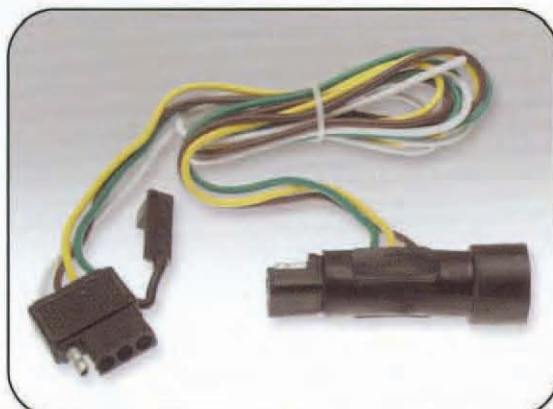
YEAR



FEMALE



MALE



TC44644

LOCATION Behind taillights on BOTH sides of vehicle. Must remove taillights for access. Connects to BOTH sides of vehicle.

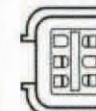
Includes electronic taillight converter

MODEL

Mitsubishi Montero2000-91

YEAR

Driver Side

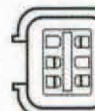


MALE CONNECTOR
W/MALE TERMINALS



FEMALE CONNECTOR
W/FEMALE TERMINALS

Passenger Side



MALE CONNECTOR
W/MALE
TERMINALS



FEMALE CONNECTOR
W/FEMALE TERMINALS



TC44654

LOCATION Under vehicle. On BOTH sides of rear bumper.

Includes electronic taillight converter

MODEL	YEAR
Infiniti QX4.....	2001-96
Nissan Pathfinder.....	2002-96
Nissan Altima.....	2001-97

Driver Side



FEMALE CONNECTOR
W/MALE TERMINALS



MALE CONNECTOR
W/FEMALE TERMINALS

Passenger Side



FEMALE CONNECTOR
W/MALE TERMINALS



MALE CONNECTOR
W/FEMALE
TERMINALS



TC44674

LOCATION Under vehicle. On driver's side frame rail. Within 12" of bumper.

MODEL	YEAR
Ford Bronco.....	1986-80
Ford Truck F150/250/350.....	1986-80



FEMALE CONNECTOR
W/MALE TERMINALS



MALE CONNECTOR
W/FEMALE TERMINALS



TC44694

LOCATION Behind interior trim on driver's side of vehicle.

Includes electronic taillight converter

MODEL	YEAR
Subaru Forester.....	2002-98
Subaru Legacy Outback.....	2002-96



FEMALE CONNECTOR
W/MALE TERMINALS



TC44704

LOCATION Behind taillights on BOTH sides of vehicle. Must remove taillights for installation. Connects to BOTH sides of vehicle.

Includes electronic taillight converter

MODEL	YEAR
Chrysler Town & Country Mini Van.....	2000-96
Dodge Caravan.....	2000-96
Dodge Durango.....	2002-98
Plymouth Voyager.....	2000-96

Driver Side

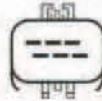


FEMALE CONNECTOR
W/MALE TERMINALS



MALE CONNECTOR
W/FEMALE TERMINALS

Passenger Side



FEMALE CONNECTOR
W/MALE TERMINALS



MALE CONNECTOR
W/FEMALE
TERMINALS



T-CONNECTOR TRAILER CONNECTORS

TC44714

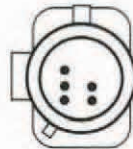
LOCATION Under vehicle. Along driver's side frame rail. Within 12" of bumper.

MODEL

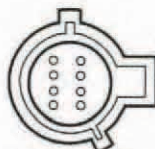
Ford Ranger.....

YEAR

1992-86



MALE CONNECTOR
W/FEMALE TERMINALS



FEMALE CONNECTOR
W/MALE TERMINALS



TC44724

LOCATION Inside vehicle on BOTH sides. Behind taillights. Might be behind interior finish/trim panels.

MODEL

Chevrolet/GMC Van (G Series-Full Size)
w/square taillight on body-not upper "pillars".....

YEAR

1996
Chevrolet/GMC Van (G Series-Full Size).....1995-87

Driver Side



FEMALE
CONNECTOR
W/MALE
TERMINALS



MALE
CONNECTOR
W/FEMALE
TERMINALS

Passenger Side



FEMALE
CONNECTOR
W/MALE
TERMINALS



MALE
CONNECTOR
W/FEMALE
TERMINALS



TC44734

LOCATION Behind taillights on BOTH sides of vehicle.

Includes power taillight converter

MODEL

Ford Explorer.....
Mazda Navajo.....
Mercury Mountaineer.....

YEAR

2000-95
1997-95
2000-97

Driver Side



FEMALE CONNECTOR
W/MALE TERMINALS



MALE CONNECTOR
W/FEMALE
TERMINALS

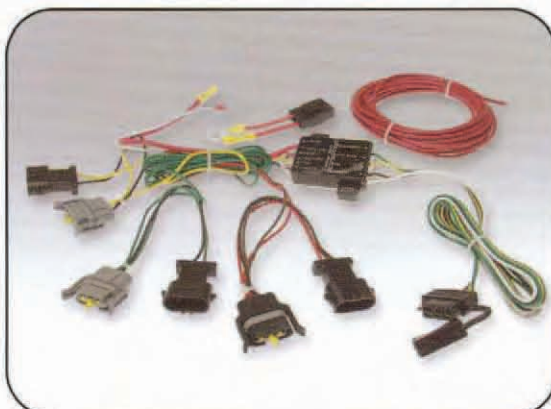
Passenger Side



FEMALE CONNECTOR
W/MALE TERMINALS



MALE CONNECTOR
W/FEMALE
TERMINALS



TC44744

LOCATION Behind taillights on BOTH sides of vehicle.

Includes power taillight converter

MODEL

Ford Windstar.....

YEAR

1998-95

Driver Side



FEMALE
CONNECTOR
W/MALE
TERMINALS



MALE CONNECTOR
W/FEMALE
TERMINALS

Passenger Side



FEMALE
CONNECTOR
W/MALE
TERMINALS



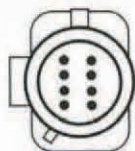
MALE
CONNECTOR
W/FEMALE
TERMINALS



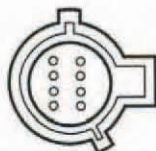
TC44754

LOCATION Under vehicle. On driver's side frame rail. Within 12" of bumper.

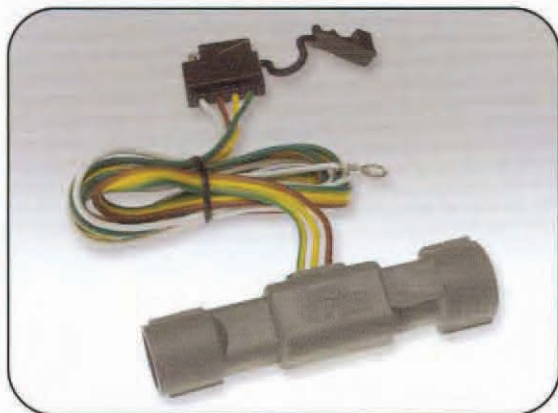
MODEL
Ford Truck F150/250/350 (Exc. Flairside).....1996-94
Ford Truck F150/250/350 (Inc. dual wheel).....1993-87



MALE CONNECTOR
W/MALE TERMINALS



FEMALE CONNECTOR
W/FEMALE TERMINALS



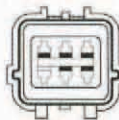
TC44774

LOCATION Behind taillights on BOTH sides of vehicle.

Includes electronic taillight converter

MODEL
Mitsubishi Montero Sport.....2002-97

Driver Side

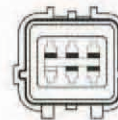


FEMALE
CONNECTOR
W/MALE
TERMINALS



MALE
CONNECTOR
W/FEMALE
TERMINALS

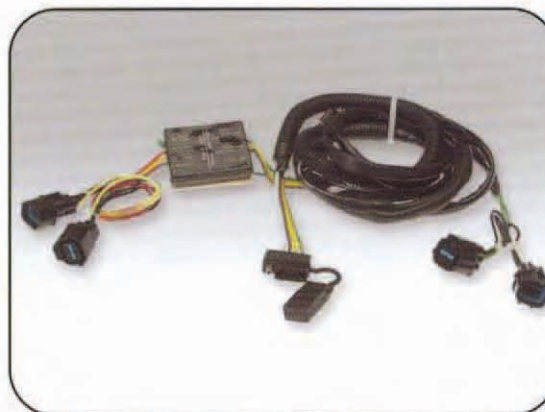
Passenger Side



FEMALE
CONNECTOR
W/MALE
TERMINALS



MALE
CONNECTOR
W/FEMALE
TERMINALS



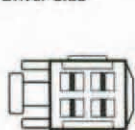
TC44784

LOCATION Behind taillights on BOTH sides of vehicle.

Includes electronic taillight converter

MODEL
Toyota 4 Runner.....2002-96

Driver Side

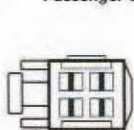


MALE
CONNECTOR
W/FEMALE
TERMINALS



FEMALE
CONNECTOR
W/MALE
TERMINALS

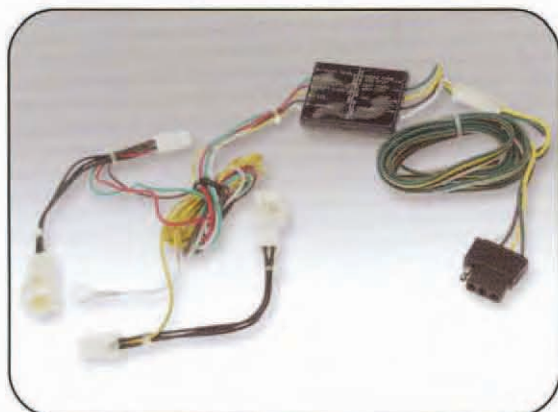
Passenger Side



MALE
CONNECTOR
W/FEMALE
TERMINALS



FEMALE
CONNECTOR
W/MALE
TERMINALS



TC44794

LOCATION Under vehicle. On driver's side frame rail. Within 12" of bumper.

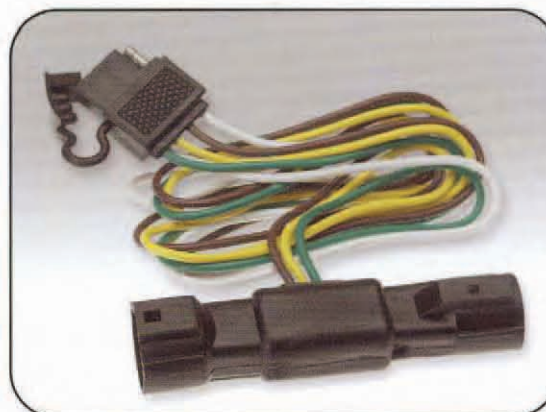
MODEL
Ford Bronco.....1988-87



MALE CONNECTOR
W/MALE TERMINALS



FEMALE CONNECTOR
W/FEMALE TERMINALS



TC44804

LOCATION Under vehicle. Access may be hampered by spare tire. Connects to BOTH sides of vehicle.

MODEL

Dodge Dakota	2002-95
Dodge Full Size Pickup 1/2 Ton	2001-95
Dodge Full Size Pickup 3/4 Ton, 1 Ton	2002-95

YEAR

Driver Side



FEMALE
CONNECTOR
W/MALE TERMINALS



MALE
CONNECTOR
W/FEMALE
TERMINALS

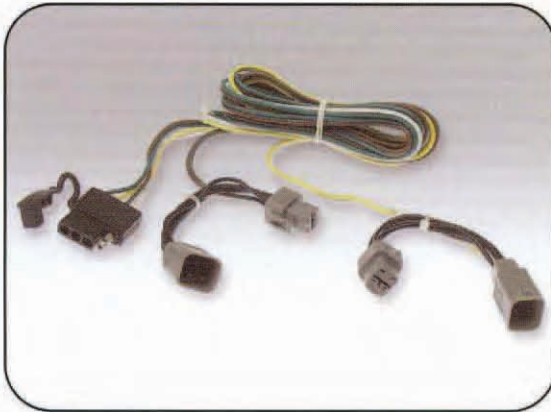
Passenger Side



FEMALE
CONNECTOR
W/MALE TERMINALS



MALE
CONNECTOR
W/FEMALE
TERMINALS



TC44814

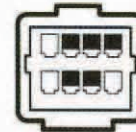
LOCATION Behind interior trim on driver's side of vehicle.

Includes Circuit Saver™ and electronic taillight converter

MODEL

Honda Passport	2002-98
Isuzu Rodeo	2002-98
Isuzu Axiom	2002

YEAR



FEMALE CONNECTOR
W/MALE TERMINALS



TC44824

LOCATION Behind taillights on BOTH sides of vehicle.

Includes electronic taillight converter

MODEL

Toyota T-100 Pickup	1998-94
---------------------------	---------

YEAR

Driver Side



MALE
CONNECTOR
W/FEMALE
TERMINALS



FEMALE
CONNECTOR
W/MALE
TERMINALS

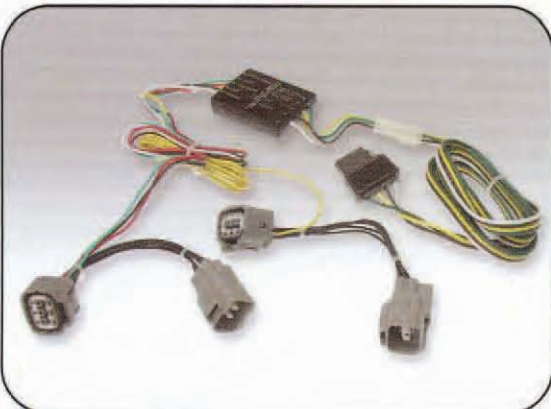
Passenger Side



MALE
CONNECTOR
W/FEMALE
TERMINALS



FEMALE
CONNECTOR
W/MALE
TERMINALS



TC44834

LOCATION Under vehicle on driver's side. Within 12"-15" of bumper.

MODEL

Chevrolet/GMC Blazer/Jimmy Full Size	1984-73
Chevrolet/GMC Pickup Full Size	1984-79
Chevrolet/GMC Suburban	1984-80

YEAR



FEMALE CONNECTOR
W/MALE TERMINALS



MALE CONNECTOR
W/FEMALE TERMINALS



TC44854

LOCATION Behind interior trim on BOTH sides of vehicle.

Includes electronic taillight converter

MODEL	YEAR
Lexus LX450.....	1997-96
Toyota Landcruiser.....	1998-91

Driver Side



MALE
CONNECTOR
W/FEMALE
TERMINALS



FEMALE
CONNECTOR
W/MALE
TERMINALS

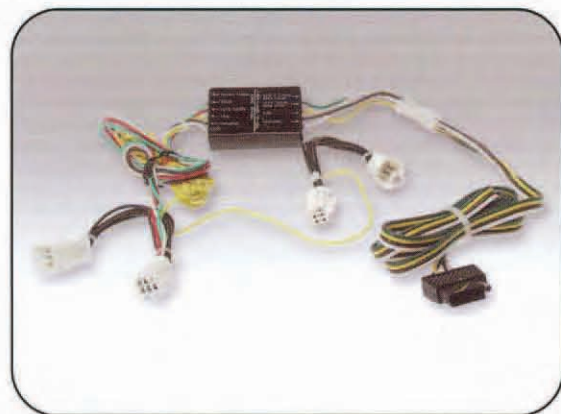
Passenger Side



MALE
CONNECTOR
W/FEMALE
TERMINALS



FEMALE
CONNECTOR
W/MALE
TERMINALS



TC44864

LOCATION Behind taillights on BOTH sides of vehicle.

Includes electronic taillight converter

MODEL	YEAR
Toyota RAV4.....	2000-96

Driver Side



MALE
CONNECTOR
W/FEMALE
TERMINALS



FEMALE
CONNECTOR
W/MALE
TERMINALS

Passenger Side



MALE
CONNECTOR
W/FEMALE
TERMINALS



FEMALE
CONNECTOR
W/MALE
TERMINALS



TC44874

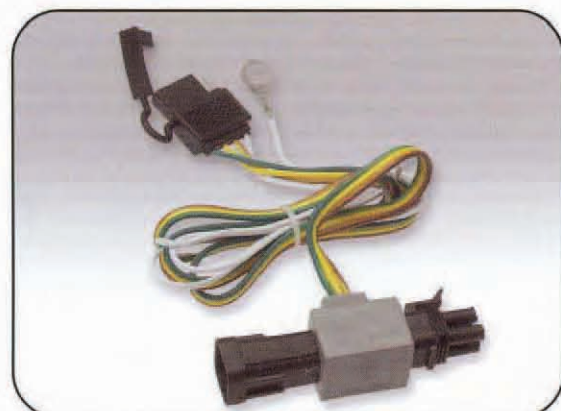
LOCATION Under vehicle. On driver's side frame rail. Within 12" of rear bumper.

MODEL	YEAR
Chevrolet/GMC Blazer/Jimmy Full Size.....	1991-85
Chevrolet/GMC Pickup R/V Series Full Size.....	1991-88
Chevrolet/GMC Pickup Full size.....	1987-85
Chevrolet/GMC S10/15 Pickup (Includes Sonoma).....	1997-85
Chevrolet/GMC Suburban.....	1991-85
Isuzu Hombre.....	1997-95

FEMALE
CONNECTOR
W/MALE
TERMINALS



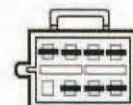
MALE
CONNECTOR
W/FEMALE
TERMINALS



TC44894

LOCATION Rear of trunk, driver's side.

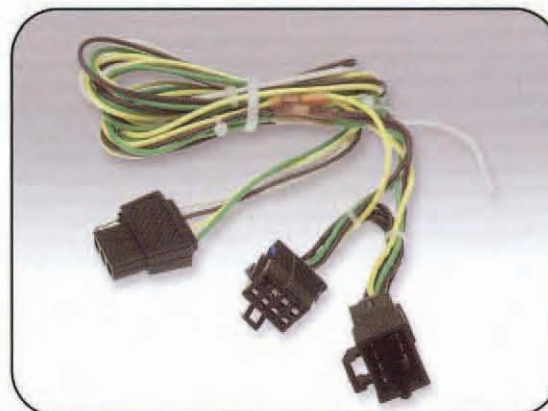
MODEL	YEAR
Buick Roadmaster Sedan.....	1996-90
Chevrolet Caprice/Impala.....	1996-91



FEMALE CONNECTOR
W/MALE TERMINALS



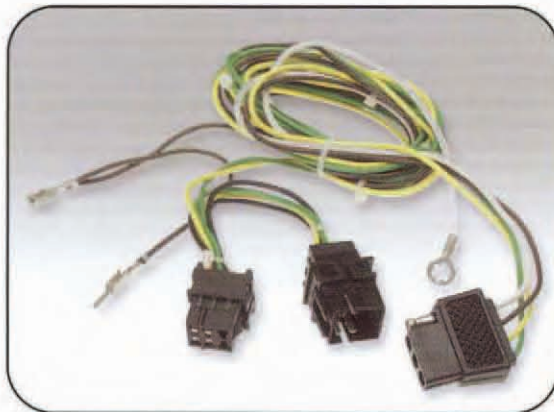
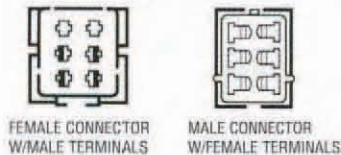
MALE CONNECTOR
W/FEMALE TERMINALS



TC44904 LOCATION Rear of trunk, passenger's side.

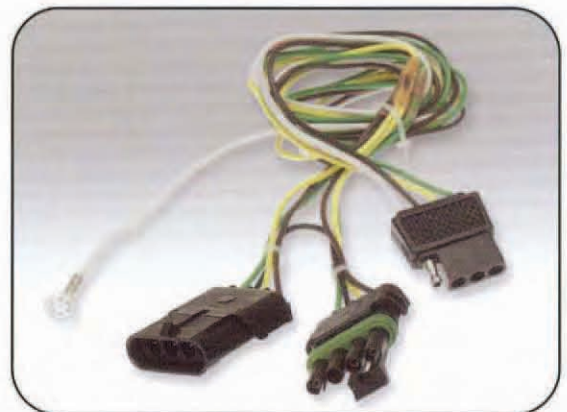
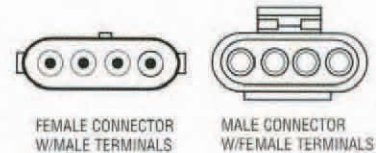
Minor assembly required (see installation instructions).

MODEL	YEAR
Buick Lesabre (Exc. T-Type).....	1991-86
Cadillac Deville.....	1993-89; 1987-85
Oldsmobile Eighty-Eight.....	1991-86
Oldsmobile Ninety-Eight.....	1990-85



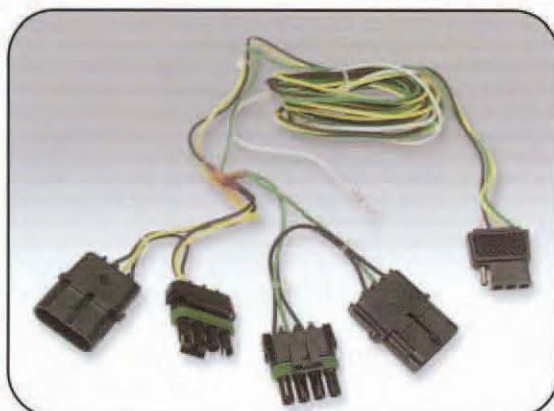
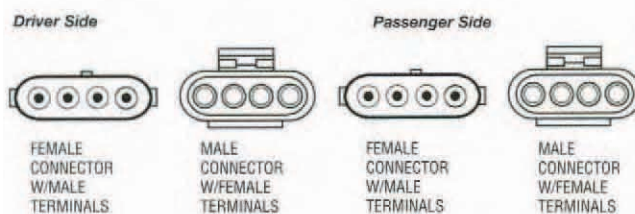
TC44914 LOCATION Under vehicle. On driver's side frame rail. Within 12" of bumper.

MODEL	YEAR
Chevrolet/GMC Blazer Full Size.....	1994-92
Chevrolet/GMC Denali.....	2000-99
Chevrolet/GMC Pickup (C/K Series-Full size).....	2000-88
Chevrolet/GMC Suburban.....	1999-92
Chevrolet/GMC Tahoe.....	1999-94
Chevrolet/GMC Yukon.....	1999-95



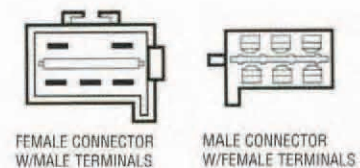
TC44924 LOCATION Under vehicle. Remove access covers on each side immediately behind taillights.

MODEL	YEAR
Jeep Wrangler.....	1997-91



TC44934 LOCATION Behind driver's side taillight.

MODEL	YEAR
Chrysler Town & Country Mini Van (w/factory tow package).....	1990-88
Dodge Caravan (w/factory tow package).....	1990-88
Plymouth Voyager (w/factory tow package).....	1990-88



TC44944

LOCATION Behind taillights on BOTH sides of vehicle. Must remove lights for access. Connects to BOTH sides of vehicle.

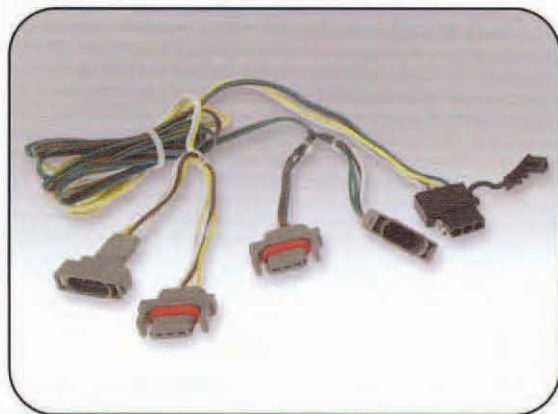
MODEL
Chrysler, Dodge, Plymouth Mini Van.....

YEAR
1995-91

Driver Side



Passenger Side

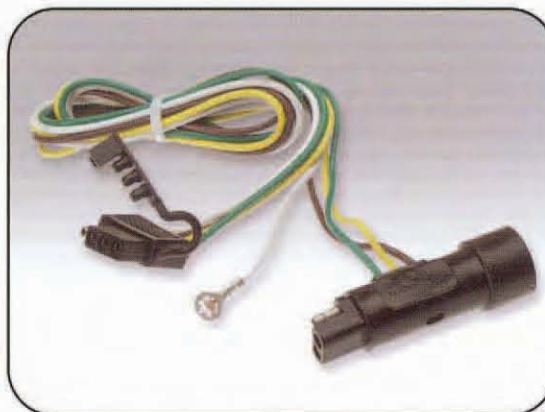
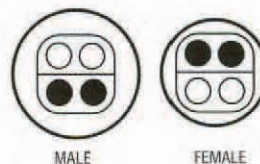


TC44954

LOCATION Under vehicle. Along driver's side frame rail.

MODEL
Jeep Cherokee.....

YEAR
1982-74



TC44994

LOCATION Behind taillights on BOTH sides of vehicle. Must remove lights for access. Connect to BOTH sides of vehicle.

Includes electronic taillight converter

MODEL
Honda Passport.....

YEAR
1995-94

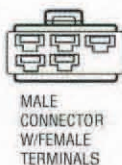
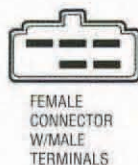
Isuzu Pickup.....

YEAR
1995-89

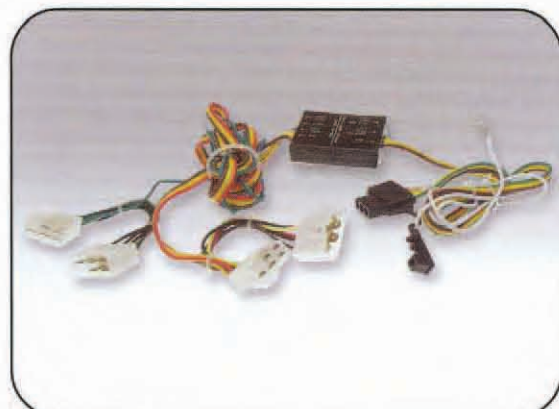
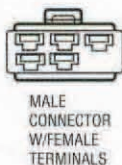
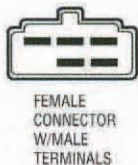
Isuzu Rodeo.....

YEAR
1995-92

Driver Side



Passenger Side



TC45004

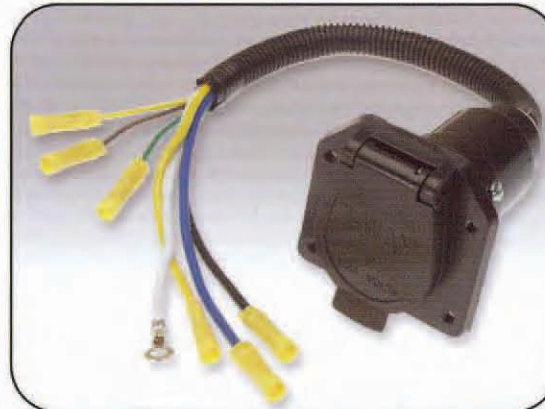
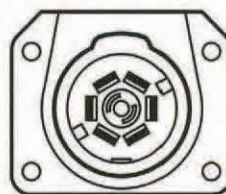
LOCATION Behind the spare tire.

Custom splice-in connector

MODEL
Chevrolet/GMC Sierra, Silverado.....

YEAR
2002-99

FEMALE CONNECTOR
W/MALE TERMINALS



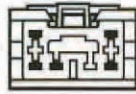
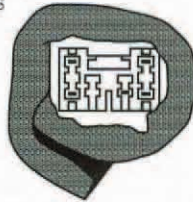
TC58964

LOCATION Between the spare tire and the rear bumper on both sides of vehicle.

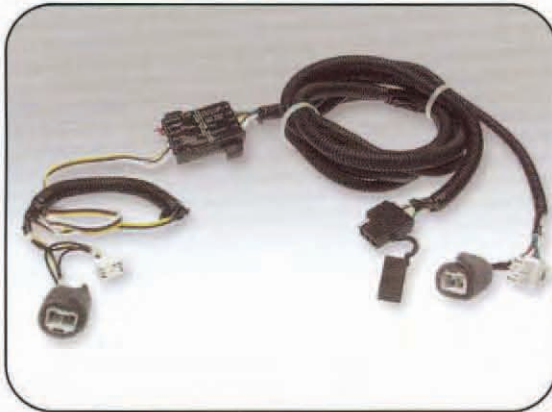
MODEL
Nissan Xterra.....

YEAR
2002-99.....

FEMALE CONNECTOR
W/MALE TERMINALS



MALE CONNECTOR
W/FEMALE TERMINALS



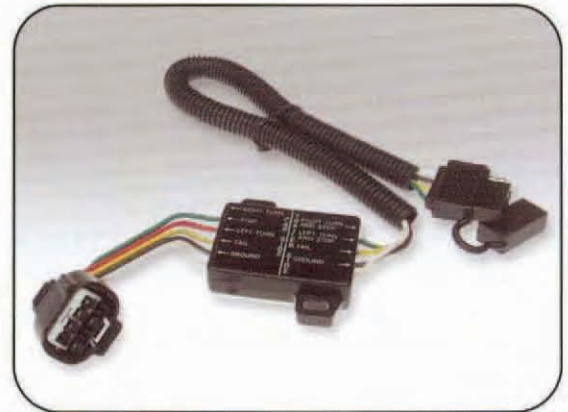
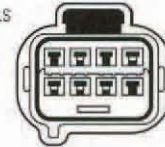
TC59654

LOCATION Between the rear bumper sub frame and spare tire.

MODEL
Toyota Tundra.....

YEAR
2000-99.....

MALE CONNECTOR
W/FEMALE TERMINALS



TC59684

LOCATION Between the rear wheel well and rear bumper on the driver's side.

MODEL
Acura SLX.....
Isuzu Trooper.....

YEAR
1999-96.....
2002-92.....

FEMALE CONNECTOR
W/MALE TERMINALS



TC59694

LOCATION Forward of the rear bumper on the driver's side.

MODEL
Ford Expedition (w/ or w/o towing).....1999-97
Ford Truck F150/250 Light Duty.....1997
Lincoln Navigator (w/ or w/o towing).....1999-97

MALE CONNECTOR
W/FEMALE TERMINALS



TC59724

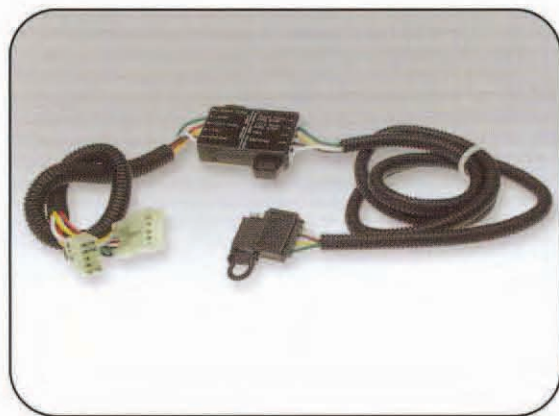
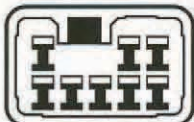
LOCATION Behind the taillight on the driver's side.

MODEL	YEAR
Jeep Cherokee	2001-97

MALE CONNECTOR
W/FEMALE TERMINALS



FEMALE CONNECTOR
W/MALE TERMINALS

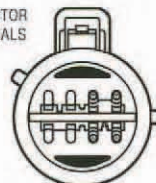


TC59744

LOCATION Forward of the rear bumper.

MODEL	YEAR
Ford Explorer (w/towing)	2000-95
Ford Ranger (w/towing)	1999-98
Mazda B Series Pickup (w/towing)	1999-98
Mercury Mountaineer (w/towing)	2001-96

FEMALE CONNECTOR
W/MALE TERMINALS

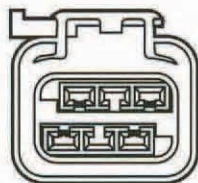


TC59754

LOCATION Forward of the rear bumper.

MODEL	YEAR
Dodge Full Size Van	2000-99

MALE CONNECTOR
W/FEMALE TERMINALS



TC59774

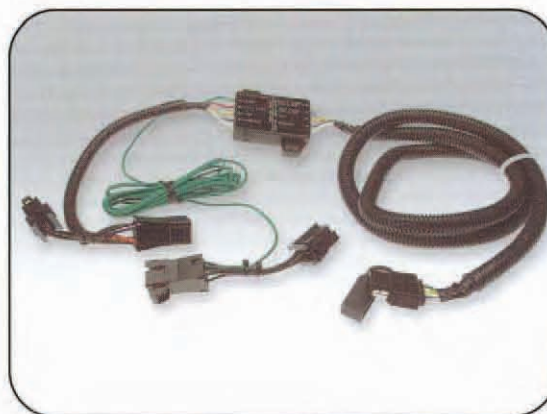
LOCATION Behind the taillights on both sides of the vehicle.

MODEL	YEAR
Chevrolet/GMC Express Savana (w/long pillar taillights)	1999-96

MALE CONNECTOR
W/FEMALE TERMINALS



FEMALE CONNECTOR
W/MALE TERMINALS

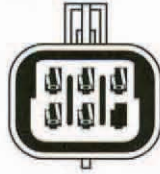


TC59784

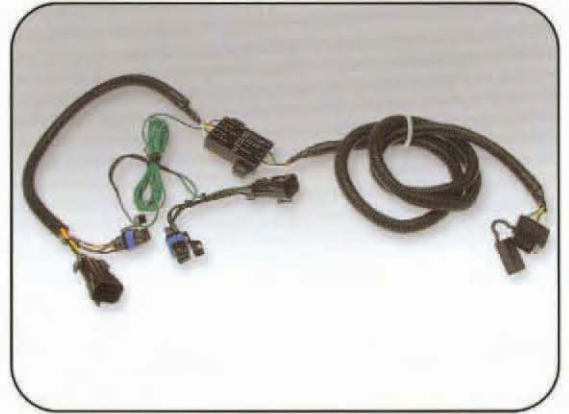
LOCATION Behind the taillights on both sides of the vehicle.

MODEL	YEAR
Chevrolet Venture	2002-97
Oldsmobile Silhouette	2002-97
Pontiac Transport/Montana	2002-97

FEMALE CONNECTOR
W/MALE TERMINALS



MALE CONNECTOR
W/FEMALE TERMINALS



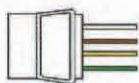
Molded Vinyl Connectors

All TrailerWorks molded connectors are made of top quality vinyl with full gauge SAE grade wire. The precision formed terminals and full gauge wire ensure that your trailer lamps receive maximum voltage for bright, steady operation.

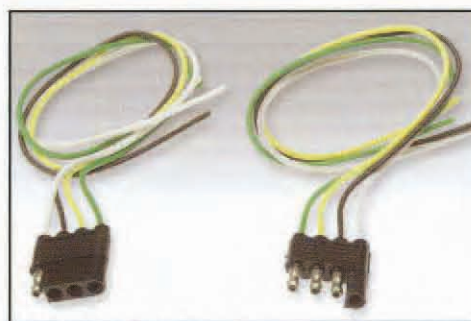
4 Pole Flat Connectors

The 4 pole flat is the most common connector used on trailers. There are two styles: shrouded and unshrouded. The newer shrouded style provides better protection against weather, dirt and moisture. The unshrouded style usually is found on older trailers. They will connect to each other and can be interchanged.

The 4 color coded wires provide for three circuits PLUS ground. The color codes are as follows:



White = Ground
Brown = Tail, License, Marker Lamps
Yellow = Left Turn Signal/Stop Lamp
Green = Right Turn Signal/Stop Lamp



UNSHROUDED
TRAILER SIDE TOW VEHICLE SIDE



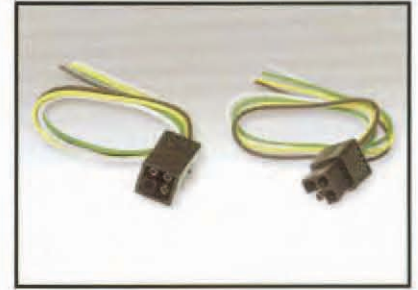
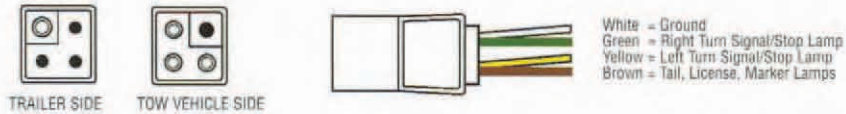
SHROUDED
TRAILER SIDE TOW VEHICLE SIDE

Caution: Wiring diagrams and color codes are provided for reference only. It is the installer's responsibility to identify vehicle and trailer wiring according to function. Wire color and function is not standard among vehicle or trailer manufacturers. The vehicle or trailer may be damaged if the connector is installed incorrectly.

Part No.	Description	Tow Vehicle Side Replacement	Wire Length	Trailer Side Replacement	Wire Length
TC43654	Unshrouded set of both halves.	Not sold separately	12"	TC44054	12"
TC43674	Unshrouded set of both halves.	TC44094	3-48", 1-18"	TC44054	12"
TC43724	Shrouded set of both halves with splicers.	TC44224	3-48", 1-18"	TC44254	12"
TC43744	Shrouded set of both halves. Wishbone kit with splicers.	TC44224	3-48", 1-18"	Not sold separately	25'
TC43754	Shrouded set of both halves. Harness to rewire trailer.	TC44224	3-48", 1-18"	Not sold separately	20'
TC43804	Shrouded trailer side. Replacement w/splicers.	Not applicable	--	TC43804	12"
TC43814	Shrouded tow vehicle side. Replacement w/splicers.	TC43814	3-48", 1-18"	Not applicable	--
TC43844	Shrouded set of both halves.	TC44264	12"	TC44254	12"
TC42984	Dust cover set fits ALL 4 pole flat.	Not applicable	--	Not applicable	--
TC69864	4 pole flat K-O connector. Snap-fits in 1-1/4" dia. hole.	TC69864	4-24"	TC44054	12"

4 Pole Square Connectors

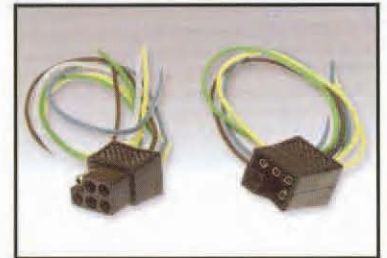
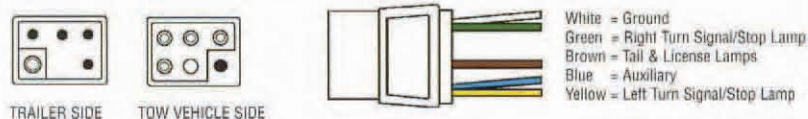
Similar to above except square (2 over 2) instead of flat (4 in a row). The 4 color coded wires provide for 3 circuits PLUS a ground. The color codes are as follows:



Part No.	Description	Tow Vehicle Side Replacement	Wire Length	Trailer Side Replacement	Wire Length
TC43734	Shrouded set of both halves w/splicers.	Not sold separately	3-48", 1-18"	TC44274	12"
TC43884	Shrouded set of both halves.	TC44284	12"	TC44274	12"

5 Pole Square Connectors

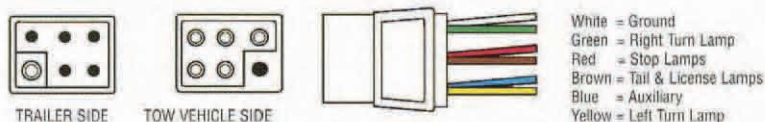
Similar to above except with 5 color coded wires to provide for 4 circuits PLUS ground. Color codes are as follows:



Part No.	Description	Tow Vehicle Side Replacement	Wire Length	Trailer Side Replacement	Wire Length
TC43994	Shrouded set of both halves.	Not sold separately	12"	Not sold separately	12"

6 Pole Square Connectors

Similar to above except with 6 color coded wires to provide for 5 circuits PLUS ground. Color codes are as follows:



Part No.	Description	Tow Vehicle Side Replacement	Wire Length	Trailer Side Replacement	Wire Length
TC43914	Shrouded set of both halves.	TC44304	12"	TC44294	12"
TC43924	Shrouded set of both halves.	TC44314	48"	TC44294	12"

Polarized Connectors

These polarized connector sets plug together only one way to prevent cross connections. Constructed of rugged plastic with molded-in terminals for durability. Wire connections are easy and fast with just a screwdriver. Soft, pliable rubber caps protect the rear of each connector. Dozens of uses. Sold only in mating pairs.

TC43604

2 Pole Polarized – Round



TRAILER SIDE



TOW VEHICLE SIDE



TC43614

3 Pole Polarized -- Round



TRAILER SIDE



TOW VEHICLE SIDE



TC43624

4 Pole Polarized -- Round



TRAILER SIDE



TOW VEHICLE SIDE



TC43634

2 Pole Polarized – Flat
with 12" long wires on
each half



TRAILER SIDE



TOW VEHICLE SIDE



Heavy Duty Connectors

A step up from soft, molded vinyl connectors, TrailerWorks Heavy Duty connectors and kits are designed for frequent use where reliability and long life are paramount concerns.

Caution: Wiring diagrams and color codes are provided for reference only. It is the installer's responsibility to identify vehicle and trailer wiring according to function. Wire color and function is not standard among vehicle or trailer manufacturers. The vehicle or trailer may be damaged if the connector is installed incorrectly.

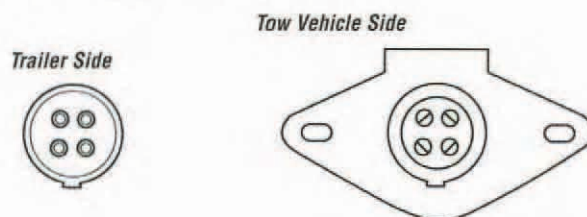
Part No.	Description	Tow Vehicle Side Replacement	Trailer Side Replacement
TC43074	4 pole round metal – Set of both halves	TC43094	TC43084
TC43344	6 pole round metal/molded – Set of both halves	TC43364	TC43354
TC43764	4 pole round metal – Kit with wire/hardware/bracket	TC43094	TC43084
TC43774	5 pole round metal – Kit with wire/hardware/bracket	TC59454	TC59444
TC43784	6 pole round metal/molded – Kit with wire/hardware/bracket	TC43364	TC43354
TC43934	7 pole RV style (blade) molded – Kit with wire/hardware/bracket	TC43954	TC43944
TC44964	4 pole round metal converter kit – Tow vehicle side	TC43094	Not applicable
TC44974	6 pole round molded converter kit – Tow vehicle side	TC43364	Not applicable
TC44984	7 pole RV style (blade) molded converter – Tow vehicle side	TC43954	Not applicable
UN45824	Bracket for TC43764, TC43774, TC43784, TC63644, TC63674	--	--
TC63644	4 pole round prewired molded – Kit with hardware/bracket	Not applicable	Not applicable
TC63674	5 pole round prewired molded – Kit with hardware/bracket	Not applicable	Not applicable
TC69694	7 pole RV style (blade) prewired molded – Kit with hardware	Not applicable	Not applicable
TC69714	6 pole round prewired metal – Kit with hardware	Not applicable	Not applicable
UN73044	Bracket for TC43934	--	--

TC43764 4 Pole Kit

4 Pole Round Metal Connector Kit

Consists of:

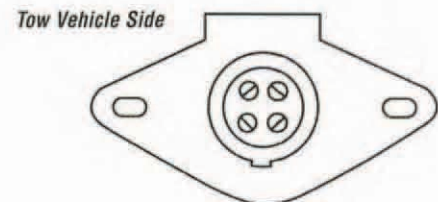
- TC43074 Set of both halves
- TC43084 Trailer Side
- TC43094 Tow Vehicle Side
- UN45824 Bracket
- Wire and hardware



TC44964 4 Pole Kit

4 Pole Round Metal Converter Kit

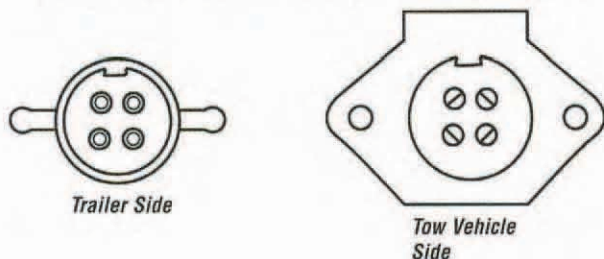
This kit is used to convert any TrailerWorks T-Connector standard 4 pole flat connector-or other 4 pole system-to a 4 pole round connector.



TC63644 4 Pole Kit

4 Pole Round Molded Connector Kit

Economy 4 pole molded connector kit features full gauge jacketed cable for easy hookup. Connector molded on each end of cable. Cut cable anywhere you like to make connections. Inside jacket color coded wire makes connections simple to figure out. Splicers, butt connectors, shrink tube, bracket and hardware included.

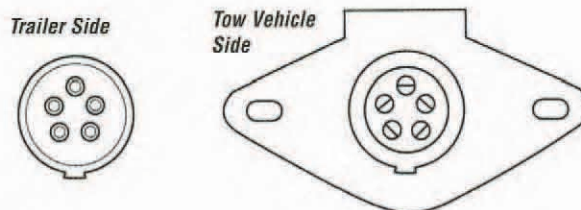


TC43774 5 Pole Kit

5 Pole Round Metal Connector Kit

Consists of:

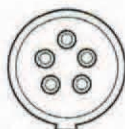
- Set of both halves
- Bracket (UN45824)
- Wire and hardware



TC59444 5 Pole Plug

5 Pole Metal Trailer Side Plug

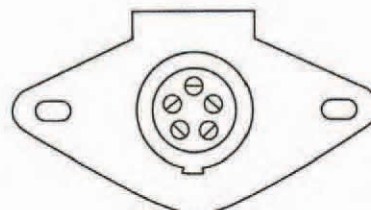
Trailer Side



TC59454 5 Pole Socket

5 Pole Metal Vehicle Side Socket

Tow Vehicle Side



TC59564 5 Pole Connector Set

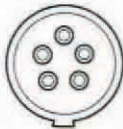
5 Pole Metal Trailer Connector Set

Consists of:

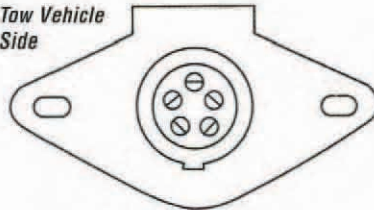
TC59454 Vehicle side

TC59444 Trailer Side

Trailer Side



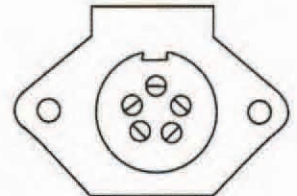
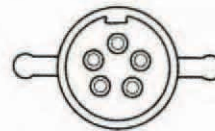
Tow Vehicle Side



TC63674 5 Pole Kit

5 Pole Round Molded Connector Kit

Economy 5 pole molded connector kit features full gauge jacketed cable for easy hookup. Connector molded on each end of cable. Cut cable anywhere you like to make connections. Inside jacket color coded wire makes connections simple to figure out. Splicers, butt connectors, shrink tube, bracket and hardware included.



TC43784 6 Pole Kit

6 Pole Round Connector Kit

Consists of:

TC43344 Set of both halves

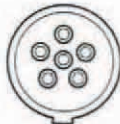
TC43354 Trailer Side

TC43364 Tow Vehicle Side

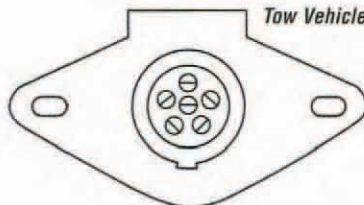
UN45824 Bracket

Wire and hardware

Trailer Side



Tow Vehicle Side

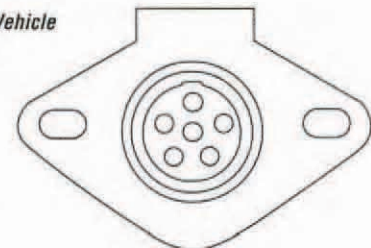


TC44974 6 Pole Kit

6 Pole Round Converter Kit

This kit is used on tow vehicle to convert any TrailerWorks T-Connector standard 4 pole flat connector-or other 4 pole system-to a 6 pole round connector.

Tow Vehicle Side

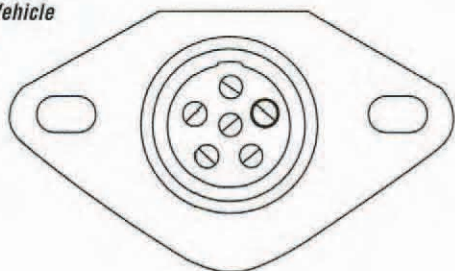


TC69714 6 Pole Kit

6 Pole Round Metal Converter Kit

Plugs into the 4 pole flat connector on any tow vehicle.
Prewired to connect additional brakes and battery circuits.

Tow Vehicle Side



TC43934 7 Pole Kit

7 Pole (Blade) RV Style Thermoplastic Connector Kit

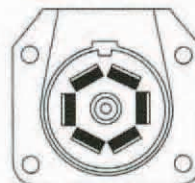
Consists of:

- TC43944 Trailer Side
- TC43954 Tow Vehicle Side
- UN73044 Bracket
- Wire and hardware

Trailer Side



Tow Vehicle Side

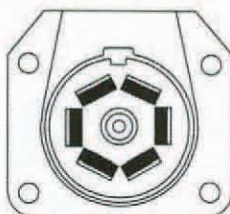


TC44984 7 Pole Kit

7 Pole (Blade) RV Style Thermoplastic Converter Kit

This kit is used on tow vehicle to convert any TrailerWorks T-Connector standard 4 pole flat connector-or other 4 pole system-to a 7 pole blade connector used on RV's.

Tow Vehicle Side

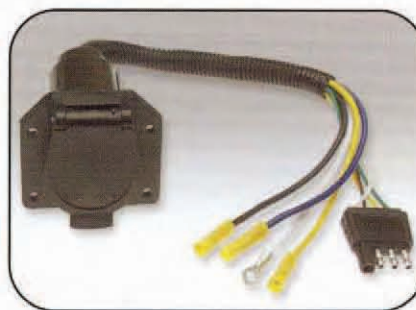
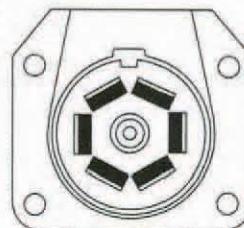


TC69694 7 Pole Kit

7 Pole Round Molded Converter Kit

Plugs into the 4 pole flat connector on any tow vehicle.
Prewired to connect three additional circuits (brakes, battery, etc.)

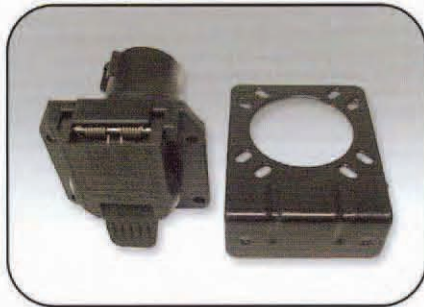
Tow Vehicle Side



TC43274 7 Way Socket Kit

Original Equipment Quality 7 way GM/Ford style socket kit with bracket and mounting hardware. Use with original equipment harness or universal if used with harnesses TC43244, TC43254, TC43264.

Replaces socket on 1999-2002 GM/Ford trucks with factory 7 way socket.



TC43244 7 Way Harness Kit

Original Equipment Quality 7 way harness kit with 7' wire leads and crimp connectors.

GM/Ford style connector on one end with plain leads on the other end. Splices into existing wiring on vehicle. Use with original equipment socket or TC43274.



TC43254 7 Way Harness Kit

Original Equipment Quality 7 way harness kit with 4' wire leads and crimp connectors. GM/Ford style connector on one end with plain leads on the other end. Splices into existing wiring on vehicle.

Use with original equipment socket or TC43274.



Professional Grade Heavy Duty Connectors

These Professional Grade Heavy Duty connectors are the ultimate in trailer connectors! Constructed of heavy, die cast metal and/or tough glass reinforced plastic, they were designed for commercial applications or for everyday use by the trailer owner who wants the very best. A broad variety of styles is available for every need.

Caution: Wiring diagrams and color codes are provided for reference only. It is the installer's responsibility to identify vehicle and trailer wiring according to function. Wire color and function is not standard among vehicle or trailer manufacturers. The vehicle or trailer may be damaged if the connector is installed incorrectly.

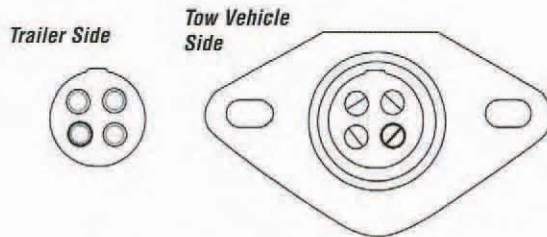
TC51384

4 Pole Trailer Connector Kit

Heavy duty 4 pole round die cast connector set.

Consists of:

- | | |
|---------|-----------------------------|
| TC51394 | Trailer side of TC51384 |
| TC51464 | Tow vehicle side of TC51384 |



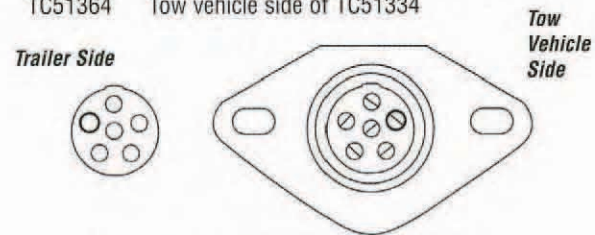
TC51334

6 Pole Trailer Connector Set

Heavy duty 6 pole die cast trailer connector set. Rubber boot protects tow vehicle socket. Plug has spring cable guard.

Consists of:

- | | |
|---------|---------------------------------------|
| TC51354 | Trailer side of TC51334 (with spring) |
| TC51364 | Tow vehicle side of TC51334 |



TC51474

7 Pole Trailer Connector Set w/2 Mounting Holes

Heavy Duty 7 pole die cast metal trailer connector set. Socket has rubber boot to seal out dirt and water. Plug has spring cable guard. Two holes in tow vehicle side for mounting.

Consists of:

TC51514 Trailer side of TC51474 and TC51534 (w/spring)
TC51524 Tow vehicle side of TC51474



TC51534 not illustrated

7 Pole Trailer Connector Set w/3 Mounting Holes

Same as TC51474 EXCEPT with three mounting holes.

Consists of:

TC51514 Trailer side of TC51474 and TC51534 w/spring
TC51544 Tow vehicle side of TC51534

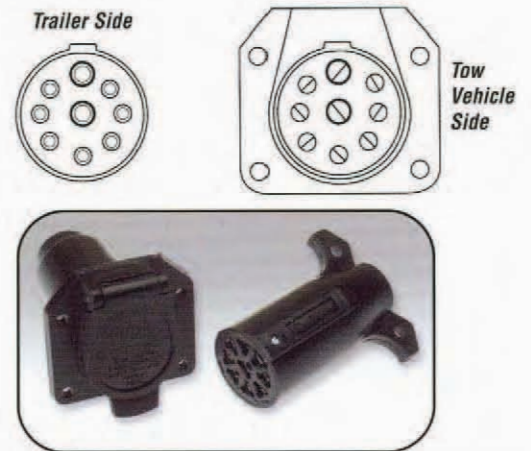
TC51564

9 Pole Trailer Connector Kit

Heavy duty thermoplastic 9 pole connector.

Consists of:

TC50764 Trailer side of TC51564.
TC50754 Tow vehicle side of TC51564
UN73044 Bracket



Converters and Isolators

Electronic Taillight Converters

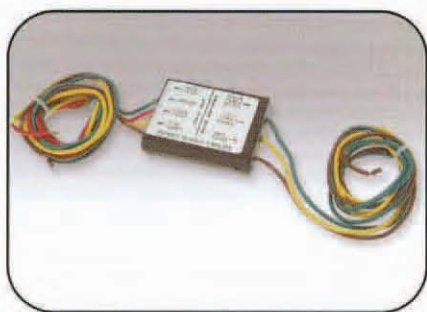
These reliable electronic devices enable tow vehicles and trailers with mismatched light systems to work together.

Caution: Wiring diagrams and color codes are provided for reference only. It is the installer's responsibility to identify vehicle and trailer wiring according to function. Wire color and function is not standard among vehicle or trailer manufacturers. The vehicle or trailer may be damaged if the connector is installed incorrectly.

TC43504

Amber/Red to Red Taillight Converter

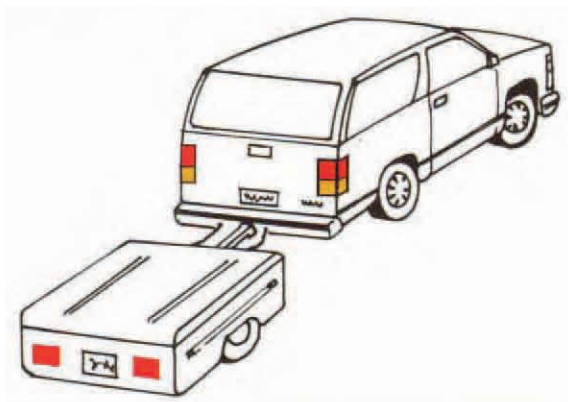
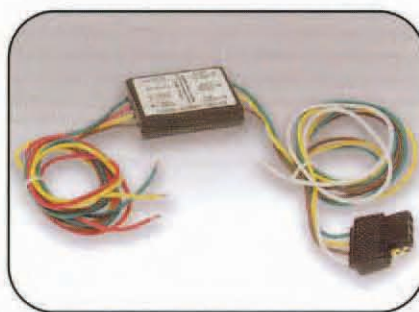
Universal SPLICE-IN trailer converter for cars and trucks with separate stop and turn signals. Electronic taillight module converts tow vehicle's amber turn signal and red brake light into one combined red brake/turn signal on your trailer. Maximum 3A load per output circuit with proper ground.



TC43514

Amber/Red to Red Taillight Converter

Universal SPLICE-IN trailer converter for cars and trucks with separate stop and turn signals. Electronic taillight module converts tow vehicle's amber turn signal and red brake light into one combined red brake/turn signal on your trailer. Unit ends with a 4 pole flat connector. Maximum 3A load per output circuit with proper ground.



Power Converter and Circuit Isolators

TC43554

Power Taillight Converter

This converter draws power directly from the battery, thereby bypassing and protecting the tow vehicle's sensitive electronic systems. For use on cars and trucks with separate red brake lights and amber turn signals when towing a trailer with combined red brake/turn signals.

Maximum 3A load per output circuit with proper ground.

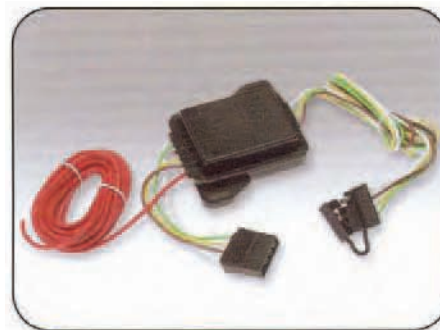


TC44464

Circuit Saver™ Isolator

Some late model vehicles have computers and sensitive electronic systems such as ABS brake systems, body control computers, light-out modules, etc. that require isolation from the wiring in the trailer. The "Circuit Saver" circuit protection device isolates the tow vehicle's wiring from shorts and malfunctions which can occur in the trailer. Use on late model tow vehicles with red turn signals for full isolation and protection of sensitive electronic systems. Power is drawn directly from the battery.

Maximum 5A load per output circuit with proper ground.



TC44474

Circuit Saver™ Isolator and Taillight Converter

Some late model vehicles have computers and sensitive electronic systems such as ABS brake systems, body control computers, light-out modules, etc. that require isolation from the wiring in the trailer. The "Circuit Saver" circuit protection device isolates the tow vehicle's wiring from shorts and malfunctions which can occur in the trailer and also converts separate red brake lights and amber turn signals on the tow vehicle to combined red brake/turn signals on the trailer. Power is drawn directly from the battery.

Maximum 5A load per output circuit with proper ground.



Adapters

These adapters allow a tow vehicle with a 4, 6 or 7 pole socket to tow a trailer with a different configuration plug. Quality molded plastic connector stores in glove box when not in use.



TC42834

7 Pole RV Style Blade

to 6 Pole Pin



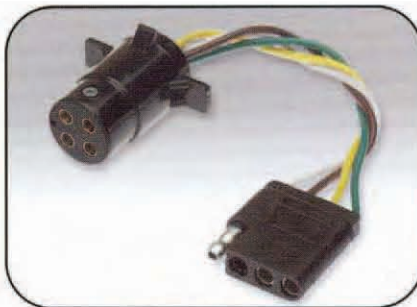
Adapter is adjustable with removal of four screws. Allows installer to match the tow vehicle wiring to trailer wiring. Default wiring diagram is shown.



TC42844

7 Pole Pin

to 4 Pole Flat



TC42894

4 Pole Round

to 4 Pole Flat



TC42904

6 Pole Round

to 4 Pole Flat



TC42914

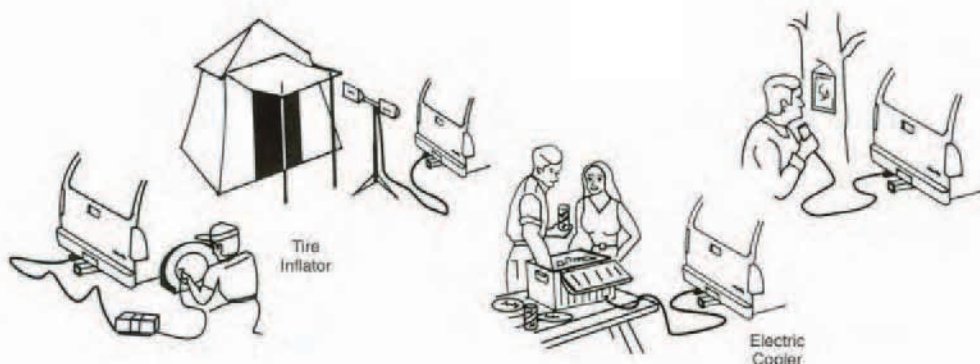
7 Pole RV Style Blade

to 4 Pole Flat



12 Volt Socket Adapters

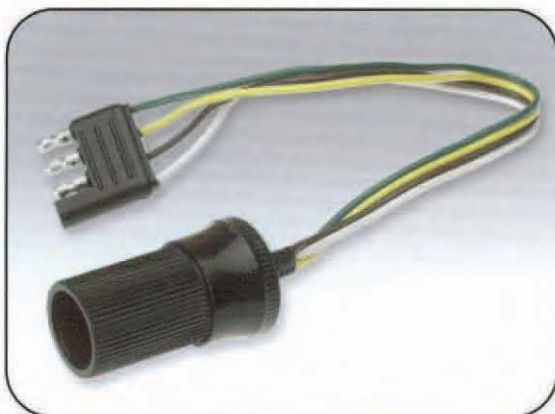
These handy adapters plug into the connector on your tow vehicle to provide a 12 volt "cigarette lighter" type socket for instant power to run portable lighting, shaver, tire inflator, electric cooler or other portable camping/tailgate conveniences.



TC51594

4 Pole Flat Trailer Connector to 12 Volt Socket Adapter

Plugs into any 4 pole flat plug and will provide 12 volt power anytime the vehicle parking lights are on. It terminates with a standard cigarette lighter type socket.



TC51584

6 Pole Round Trailer Connector to 12 Volt Socket Adapter

Plugs into any standard 6 pole socket and will provide continuous 12 volt power to a standard cigarette lighter type socket.



TC51574

7 Pole Blade RV Style Trailer Connector to 12 Volt Socket Adapter

Plugs into any 7 pole blade RV style socket and will provide continuous 12 volt power to a standard cigarette lighter type socket.



Trailer Connector Accessories

If you have an unusual trailer connecting need, or a problem adapting your tow vehicle to your trailer, one of these products is sure to help!

TrailerWorks Trailer Connector Accessories make trailer towing easier, safer and more enjoyable. A broad selection of electrical accessories, testers, connector storage ideas and more – all here in one place – help make it quick and easy to select the particular problem solver you need.

Circuit Breakers

These devices protect the trailer, wiring and tow vehicle from overloads caused by short circuits or other electrical problems. Overloads will trigger the breaker to open the circuit. The breaker automatically resets once the overload is removed.

CB33254 – Circuit Breaker rated at 30 amps DC

CB33284 – Circuit Breaker rated at 20 amps DC

CB33484 – Circuit Breaker rated at 40 amps DC



Ribbon Wire

SAE approved 16 gauge primary wire, perfect for making electrical connections to existing trailer wiring. Color coded to industry standards.

EC07274 – 4 Conductor 16 gauge Ribbon Wire – 25 feet



Dual Voltage Circuit Tester Tester

Three LEDs illuminate to tell you if the four pole flat trailer connector on your tow vehicle is wired properly and functioning correctly. Just plug it into the tow vehicle connector and operate taillights and each turn signal. When the LEDs light, you know your vehicle is properly wired.

TC42884 – Tester for 4 Pole Flat Plug



In-Line Fuse Holder Trailer Connector Storage Box

Rugged plastic box mounts on or under the bumper of your light truck or sport utility to safely and neatly store the trailer connector when not in use. Can be mounted inside the trunk on sedans. Keeps connector out of the weather and off the road. Hardware and instructions provided.

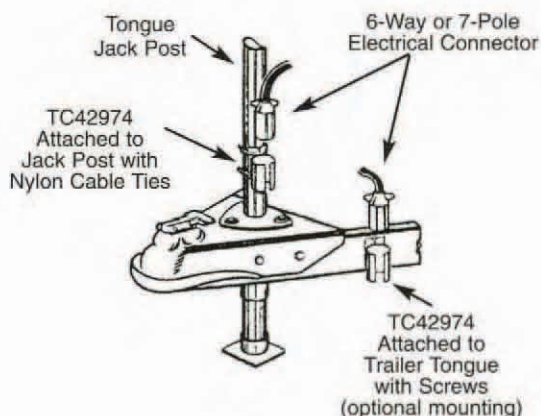
TC42954 – Storage Box for Molded
Connector (connector not included)



Holder for 6 or 7 Pole Trailer Connector

Prevents damage to 6 or 7 pole connector by keeping it safely up off the road when not in use. Screws and nylon straps included for easy mounting to tongue jack post, trailer frame or any convenient place.

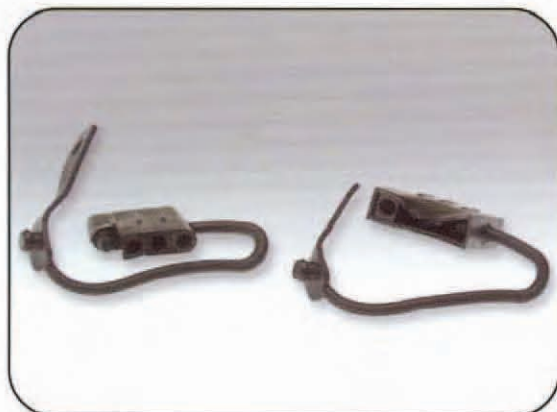
TC42974 – Holder for 6 or 7 Pole Trailer Connector



Dust Caps

High quality molded vinyl caps fit all 4 pole flat trailer connectors. Molded-on retainers attach around wiring to prevent loss when towing. When not towing, caps seal trailer and tow vehicle connectors to keep out water, dust and dirt.

TC42984 – Dust Caps for 4 Pole Flat Connectors



Trailer Quick-Connect Light Bulbs

With these two 1157 style bulbs it's easy to make a fast connection to your vehicle. Each bulb has two wire leads with bullet terminals attached. One lead is for the taillight, the other goes to the stop/turn signal. Connect your trailer's lights to the leads, make a ground connection and you are set. Recommended for occasional or single use tow.

TC43524 – Trailer Quick-Connect Light Bulbs



Non-Strip Splicers

Four blue non-strip splice connectors for making secure, permanent splices without stripping wires manually. Crimp with pliers and metal insert makes connection. Plastic top folds over to insulate connection.

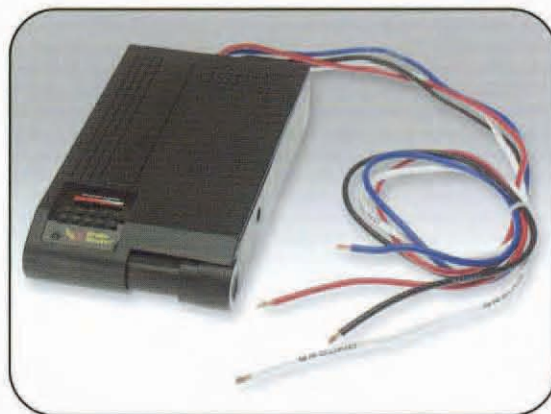
TC43904 – Non-Strip Splicers



Brake Controller

Solid state electronic controller for trailer brakes. Works with 2, 4 or 6 brake systems. Compact design with mounting bracket and hardware included. Two fingertip slide controls adjust power and application rate. Manual slide control to apply brakes manually. 10 LED bar graph display makes precise adjustment of brake application rate and stopping power easy. Continuity light diagnoses connection problems. Meets all NHTSA requirements. Use with 12 volt negative ground systems only. Four year warranty.

TC51554 – Brake Controller



Battery Isolator Solenoid

Battery isolator solenoid (for negative ground systems) isolates the trailer accessory battery for the tow vehicle. BOTH batteries are charged but the tow vehicle starting system battery is isolated from the trailer. If a light is left on or some other accessory discharges the trailer battery, the tow vehicle still will start. Plated steel case. Includes terminal hardware.

TC69844 – Battery Isolator Solenoid



Breakaway Switch

This breakaway switch engages electric brakes if trailer should accidentally be separated from the tow vehicle while in motion. Includes lanyard and instructions. Required by law in some states. For emergency use ONLY; not to be used as a parking brake.

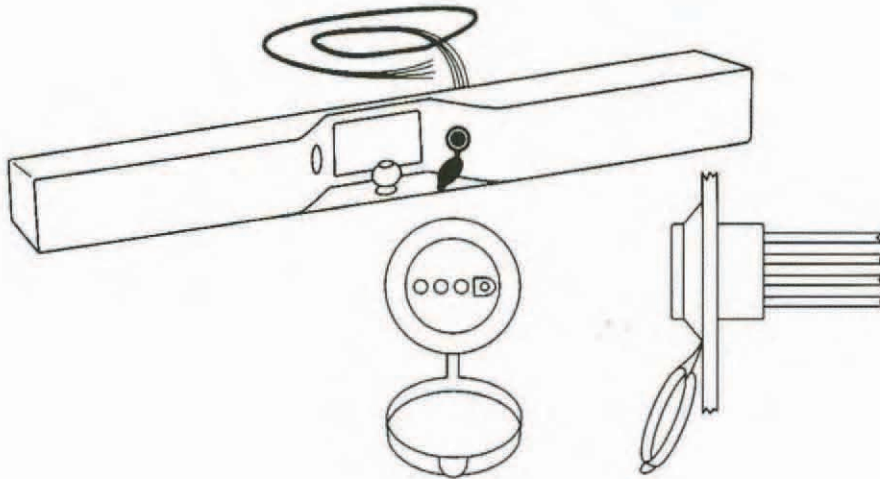
TC69854 – Breakaway Switch



4 Wire Flat Knockout Connector

This 4 pole flat female molded connector snaps into 1 1/4" knockout on truck's rear step bumper in place of a license plate lamp on one side. Eliminates dangling connector. Supplied with 30" wire leads. Consult your local/state motor vehicle regulations on license plate illumination. This connector will not work with a 4 pole shrouded connector. Use with a unshrouded connector only.

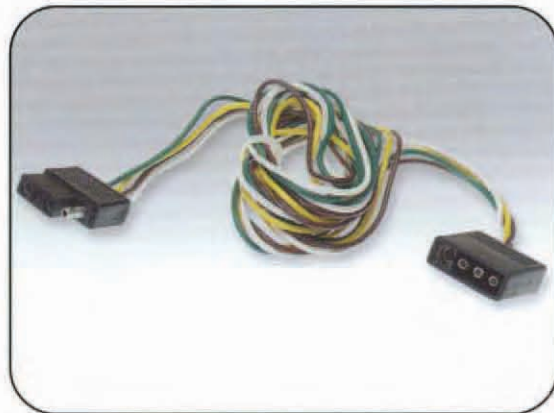
TC69864 – 4 Wire Flat Knockout Connector



4 Wire Harness Extension

This 4 pole flat shrouded trailer harness extension provides an additional 18" length of wire between vehicle harness and trailer harness.

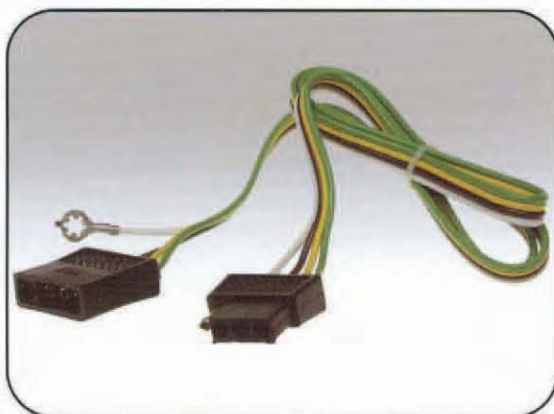
TC69944 – 4 Wire Harness Extension



4 Wire Harness Extension

4 wire harness extension, 3' long, ground wire has ring terminal on one end.

TC69424 – 4 Wire Harness Extension



4 Wire Harness Extension

4 wire harness extension, 4' feet long, ground passes through harness.

TC69504 – 4 Wire Harness Extension



Brake Controller

Brake Controller Connector - Fits Ford F Series 1994-01, Expedition 1997-01, Excursion 2000-01. Ford E Series van w/ trairling package. For vehicles with brake controller pigtail in the wiring harness under the dashboard.

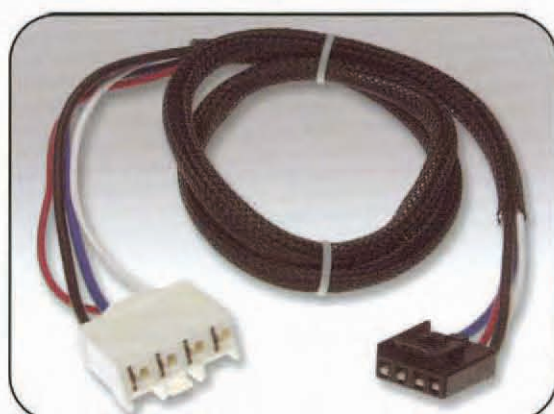
TC59394 – Brake Controller Connector



Brake Controller Connector

Brake Controller Connector - Fits Dodge Ram 1997-01, Dakota 1997, Durango w/ trairling package 1998-00. For vehicles with brake controller pigtail in the wiring harness under the dashboard.

TC59404 – Brake Controller Connector



Brake Controller Connector

Brake Controller Connector - Fits GM C, K, Pickups 1999-01, Chevrolet/GMC Suburban, Tahoe, Yukon, 2000-01, GMC Denali, Cadillac Escalade 2000. For vehicles with brake controller pigtail in the wiring harness under the dashboard.

TC59414 - Brake Controller Connector



Brake Controller

Brake Controller - For 1 or 2 axle systems. Time-based brake controller can be mounted in any position. Braking power is adjustable with wheel control. Mounting hardware included. 3 year warranty.

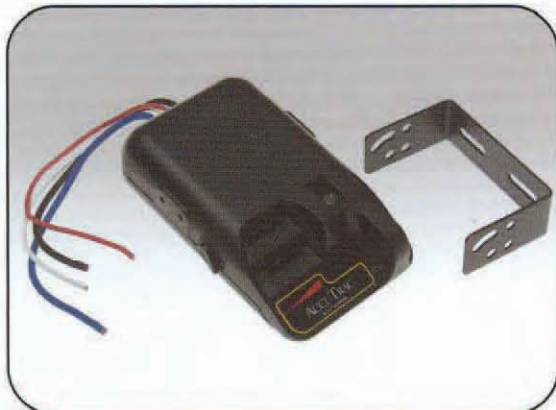
TC59464 - Brake Controller



Brake Controller

Brake Controller - For 1 or 2 axle systems. Inertia-based brake controller. Adjusts to changing load conditions. Braking is adjustable with dual slide controls. Mounting hardware included. 3 year warranty.

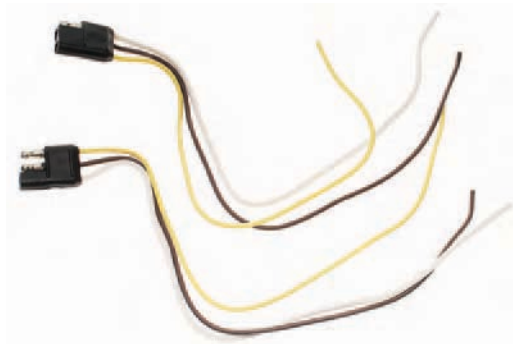
TC59604 - Brake Controller



TC43644

Trailer Wiring Kit

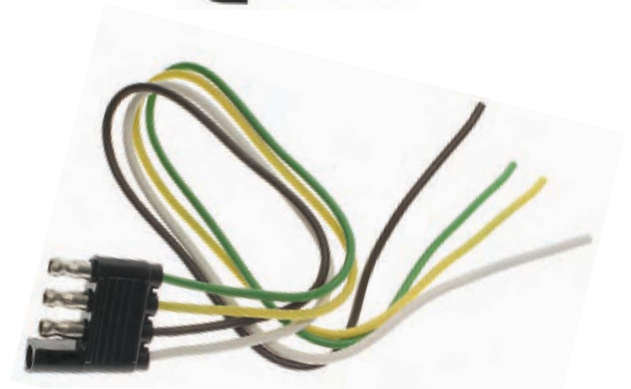
3 Pole Flat. Universal.



TC44054

Trailer Side Connector

Molded 4 Pole Flat Connector. 12" wires.



TC44094

Tow Vehicle Side Connector

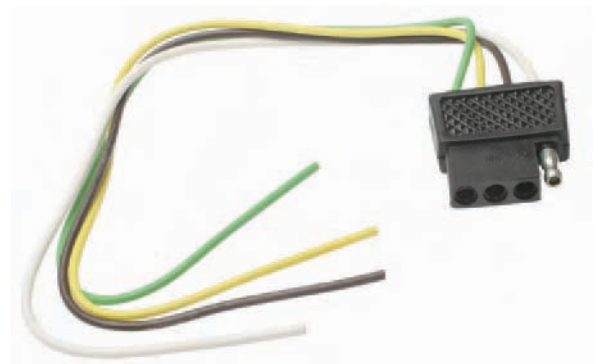
Molded 4 Pole Flat Connector. 3-48", 1-18" wires.



TC44264

Tow Vehicle Side Connector

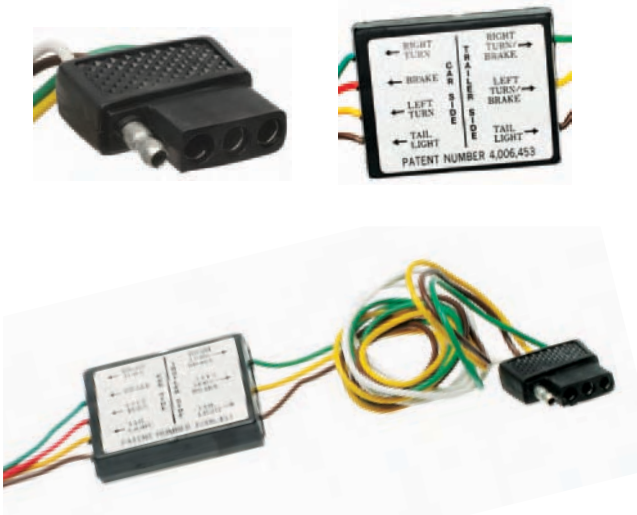
Molded 4 Pole Flat Connector. 12" wires.



TC44534

Vehicle Wiring Kit

Includes Tailight Converter. 4 Pole Flat.



TC51534

Trailer Connector Set

Die Cast 7 Pole Connector Set. 3 Mounting Holes.



TC57554

Vehicle Wiring Kit

4 Pole Flat.



TC57564

Vehicle Wiring Kit

4 Pole Flat.



TC57584

Vehicle Wiring Kit

Includes Power Taillight Converter. 4 Pole Flat.



TC57884

Trailer Connector Adapter

7 Pole RV to 4 Pole Flat. 12" Wires.



TC57954

Vehicle Wiring Kit

4 Pole Flat.



TC58034

Vehicle Wiring Kit

Includes Taillight Converter.



TC58734

Trailer Brake Controller

Includes Mounting bracket.



TC58934

Vehicle Wiring Kit

4 Pole Flat.



TC58954

Vehicle Wiring Kit

4 Pole Flat.



TC58984

Vehicle Wiring Kit

Includes Tailight Converter. 4 Pole Flat.



TC58994

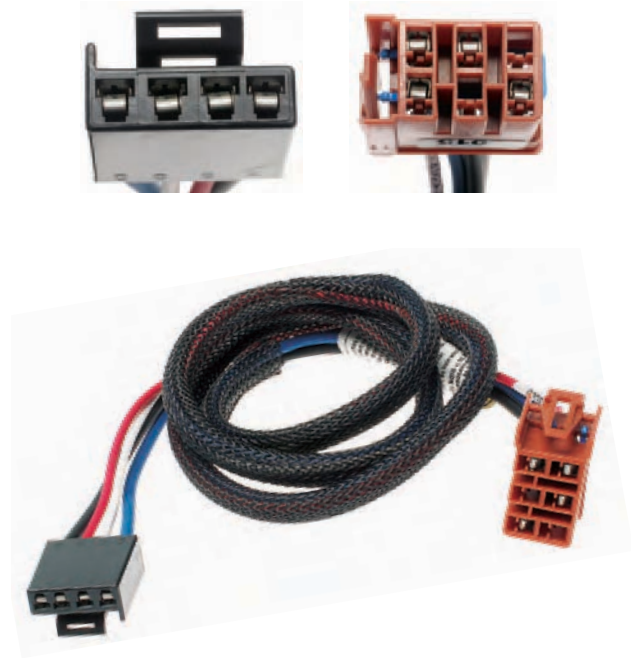
Trailer Brake Controller

Includes Mounting Bracket.



TC59004

Vehicle Wiring Kit



TC59014

Vehicle Wiring Kit

4 Pole Flat.



TC59674

Vehicle Wiring Kit

4 Pole Flat.



TC59714

Vehicle Wiring Kit

4 Pole Flat.



TC59734

Vehicle Wiring Kit

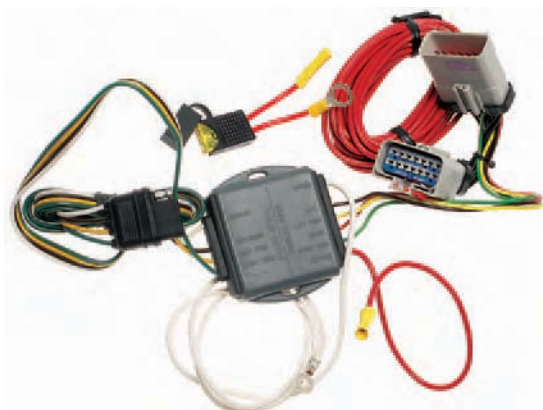
Includes Tailight Converter. 4 Pole Flat.



TC59764

Vehicle Wiring Kit

Includes Tailight Converter.



TC59794

Vehicle Wiring Kit

4 Pole Flat.



TC59800

Trailer Connector Adapter

Adapts 6 Pole Round to 4 Pole Flat.



TC59801

Trailer Wiring Kit

4 Pole Flat 36" Leads.



TC59802

Trailer Wiring Kit

4 Pole Flat 48" Extension.



TC59803

Trailer Wiring Kit

Repair Kit for 4 Pole Flat Includes Circuit Tester.



TC59804

Trailer End Connector

48" 4 Pole Flat Connector.



TC59805

Trailer Connector Adapter

Adapts 4 Pole Flat to 7 Pole RV and 4 Pole Flat.



TC59806

Trailer Connector Adapter

Adapts 7 Pole RV to 7 Pole RV and 4 Pole Flat.



TC59807

Trailer Connector Adapter

7 Pole RV to 4 Pole Flat.



TC59808

Trailer Connector Adapter

Adapts 7 Pole RV to Both 6 Pole Round with Center Pin Electric Brake and 4 Pole Flat.



TC59809

Trailer Connector Adapter

Adapts 7 Pole RV to Both 6 Pole Round with Center Pin Auxiliary and 4 Pole Flat.



TC59810

Trailer Connector Adapter

Adapts 7 Pole RV to 5 Pole Flat.



TC59811

Trailer Connector Adapter

Adapts 6 Pole Round to 4 Pole Flat.



TC59812

Trailer Connector Adapter

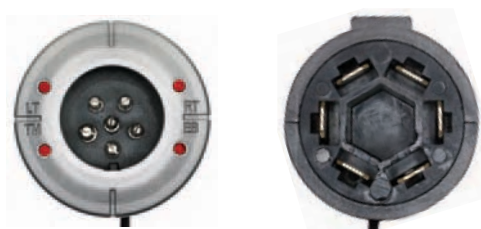
Adapts 7 Pole RV to Both 5 Pole Flat and 4 Pole Flat.



TC59813

Trailer Connector Adapter

Adapts 7 Pole RV to 6 Pole Round with Center Pin Electric Brake. Function Testing LEDs.



TC59814

Trailer Connector Adapter

Adapts 7 Pole RV to 6 Pole Round with Center Pin Auxiliary. Function Testing LEDs.



TC59815

Trailer Wiring Kit

Harness Repair Connectors for 4 Pole Flat.



TC59816

Taillight Converter

4 Pole Flat with 60" Leads. Universal Application.

