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COVER STORY

Trailer Connections

Every trailer towed by a vehicle requires the use of trailer wiring to power taillights, brake lights, and turn signals. Trailer cable wires supply the power needed for the lights listed above. When towing, the trailer lights must be operational to keep you and other drivers safe.

You could drive through many road conditions, including rain, sleet, snow, ice, heat, wind, and dust. Quality cables are necessary to stand up to the elements.

There is a standardized color-coding system for connecting trailer wires. Green wire connects the right turn signal, yellow wire connects the left turn signal, white wire connects the ground, brown wire connects the taillights, the blue connects the brake, red connects the battery, and purple connects the backup lights.

There are 4-way, 5-way, 6-way, and 7-way wiring connectors. The first four wires are green, yellow, white, and brown, and are the most common 4-way wiring connectors. Adding the blue wire creates the 5-way scheme, including the brakes. A 6-way connectors include the battery wire to the five listed previously. The 7-way wire includes backup lights and hydraulic couplers.

Light-duty trailers, like small boats and pop-up campers, typically use a 4-way connector. Another common version, the 7-way connectors, are found on SUV's rigged including a trailer hitch.

Because the trailer cables connect to important components like brakes, they must be durable and of high quality. Upgrade your towing experience using AC WORKS® 7-Way trailer products, including a 7-way Trailer Socket, A 4-way to 7-way Trailer Socket, an 8 Foot 7-way Trailer Wiring Harness, a 7-way Junction Box with 8 Foot Cord, and a 7-way Trailer Plug.

If you have questions regarding what products to use or how to use them, contact our knowledgeable support staff today.

FEATURED PRODUCTS

RVWST-Wire

Introducing our 4-way to 7-way adapter for seamless vehicle-to-trailer connections. This adapter effortlessly converts a 4-way flat vehicle end to a 7-way blade trailer end, ensuring a secure and snug fit.

Features:

- Efficient Power Transfer
- Versatile Compatibility
- Durable Construction
- Enhanced Protection
- Wide Application



TIPS FROM TONY

CS6375 male inlets are actually 4-prong connections. Yes, there are only 3 of what you would normally consider to be a prong, but the 4th lies on the inner wall. It may not look like a typical prong, but it acts as the grounding connection.



FEATURED PRODUCTS

RV7Wplug

This trailer plug ensures a very reliable connection between your trailer and tow vehicle, ideal for towing various vehicles including cars, semi-trailers, and trailers.

Featuring a one-step connection process from the vehicle to the tow truck, this 7-way trailer plug is designed with the detachable compression nut at the end. This innovative feature effectively seals out moisture, safeguarding the terminals from water and dust intrusion.

By preventing rusting or corrosion, this plug ensures long-lasting durability and dependable performance over time.



CUSTOMER FAVORITES

ADVL530520

Our ADVL530520 V-DUO is a super durable adapter with a compact design. It has a NEMA L5-30P to two NEMA 5-15/20R. The NEMA L5-30P is a 30 Amp, 125 Volt, 3-prong locking male plug.

The NEMA 5-15/20R is a 20 Amp, 125 Volt, T-blade female connector. The product is heavy-duty, compact, and contains nickel plated pins and terminals to prevent rust. It also features a power indicator light and a maximum operating power of 3750W.



AC WORKS® News

Mark Downs and Discounts

As you may remember we started creating new designs for the barrel adapters. As they have been rolling out into production we have been marking down the old style. Save on compact adapters by purchasing the old style (while supplies last).

Visit our website's promotional page to find out more about our discounts and coupons. We are running a BOGO discount on the E520CB520 and the E620CB620 flexible adapters.

We also post our discounts and sales on our Facebook page.

[@acworksconnectors on Facebook](#)



AC WORKS® News Specials and Discounts

We are always looking for ways to impress our customers and help them find power solutions. One of the things our customers are looking for is savings. AC WORKS® is bringing special discounts for repeat customers. Select customers might find flyers with coupon codes for future discounts inside of their orders upon arrival. Watch for our PDU Outlet Box flyers in your packages. If you are lucky enough to receive one, you can use your coupon code to purchase our new PDU Outlet Box products at a discounted price.

PDU OUTLET BOX

AC WORKS®

Power Distribution with GFCI Outlets and Overload Breakers

	MALE PIN CONFIGURATION	PART NUMBER	LENGTH	BREAKER PER BOX
20 AMPS	NEMA 5-20 20A 125V SOOW 12 Gauge	S520PDU	1.5, 10, 25, & 50FT	(1) 20A
	NEMA L5-20 20A 125V SOOW 12 Gauge	L520PDU	1.5, 10, 25, & 50FT	(1) 20A
	NEMA L14-20 20A 125/250V SOOW 10 Gauge (1.5ft) SOOW 12 Gauge	L1420PDU	1.5, 10, 25, & 50FT	(2) 20A
	NEMA L21-20 20A 120/208V SOOW 10 Gauge (1.5ft) SOOW 12 Gauge <small>3 Phase</small>	L2120PDU	1.5, 10, 25, & 50FT	(2) 20A
30 AMPS	NEMA L5-30 30A 125V SOOW 10 Gauge	L530PDU	1.5, 10, 25, & 50FT	(1) 24A
	NEMA TT-30 30A 125V SOOW 10 Gauge	TT30PDU	1.5, 10, 25, & 50FT	(1) 24A
	NEMA 14-30 30A 125/250V SOOW 10 Gauge (1.5FT) STW 10 Gauge	S1430PDU	1.5, 10, 25, & 50FT	(2) 24A
	NEMA L14-30 30A 125/250V SOOW 10 Gauge (1.5FT) STW 10 Gauge	L1430PDU	1.5, 10, 25, & 50FT	(2) 24A

(2) GFCI outlets with protective covers.

www.ACWORKS.com
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WRAP UP

SOCIAL MEDIA

Social Media Channels

FACEBOOK

Follow AC WORKS® on Facebook and learn more about our products, find discounts and more. You can also leave us a review on Facebook to help other customers.

INSTAGRAM

View products behind the scenes, sales, in development, and during special events.

TWITTER

Industry related news and updates, newsletters, and deals are shared here.

LINKEDIN

Hiring and company update events.

YouTube Channel

@ACWORKS

Top watched video created by AC WORKS® for our customers:



PDU Outlet Box Safety Features

Click to watch the video.

Make sure you subscribe to our YouTube channel and like your favorite video's so we can create more content you like to watch. Email any video topics you would like to see to:

marketing@acconnectors.com

UPCOMING SHOWS

Tradeshow, Expo, and Event News

HIMSS and EWPTTE Updates: Cancelled Show Participation

Industry News

The Pebble Flow Electric RV

The future of electric is upon us. With many vehicle manufacturers moving vehicle design plans into the electric era, why not RV's too?

There is a unique electric RV called the Pebble Flow, the company says:

"We designed the Pebble Flow as the perfect combination of beauty and strength."

It is built with an aluminum frame and light weight composite materials. Pebble Life has built a modern trailer that revolutionizes the way people explore.

The company claims the new trailer has got better mileage, a longer range, and a safer towing experience. The RV has an "adventure grade" paint job by using automotive paint colors that blend in with nature, rather than compete with it.

Inside the trailer, there is a 270-degree view by way of panoramic windows, allowing you to feel a part of nature while you are inside. The modern interior includes convertible furniture, a whisper quiet HVAC system for heat or cooling, an indoor/outdoor chef's kitchen with a movable induction range, bathrooms are designed with the most sophisticated hotel spa-style bathrooms in mind. The sleeping situation features 1 queen and 1 full bed with a sky roof panel for viewing of the night sky.

These are just a few of the features and styles built into this new Pebble Flow All-Electric RV. As far as we can tell, it will be an electrifying experience.



IMPORTANT DATES TO REMEMBER

April

April Fool's Day 1

May

Star Wars Day 4

Cinco de Mayo 5

Mother's Day 12

Memorial Day 27

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March 2024, Issue Forty Nine

WRAP UP