Piggyback fuse tap

Piggy-back fuseholders - a right way and a wrong way? Thread starter eugenel Start date Sep 25, I'm about to hardwire in another dashcam using a piggy-back mini-fuse holder. Prior to doing this, I had a quick ferret at it with a multimeter and reckon ideally the piggy-back should be fitted one war around and not the other. It will work both ways, but one way will result in the current flowing to the dashcam flowing through both fuses in series. Well, check out the illustration:. Whatatay Member. You are completely correct. Although it works both ways, for the reason you mentioned, only one way is correct, also for the reason you mentioned. The intention is to use the A side to tap off power to go to the red wire through a fuse rated for that circuit while leaving the original circuit as it is. If it is used correctly, both fuses do not need to be the same rating. They are two different circuits. If used incorrectly and the lower fuse for the original circuit is a lower rating than the new circuit connected to the red wire, it may blow before the fuse for the new circuit does. Last edited: Sep 26, Nigel Well-Known Member. I reckon you plan to have it the wrong way around! If you connect it as you plan and have both fuses the same rating as the original then you can draw twice the original power, however the cable providing the power to the A side of the fuse will probably only be rated to match the original fuse, or in my case the relay supplying power to the A side of the fuse is only rated to match the original fuse. Realistically, if you are only powering a dashcam and fit a 2 or 3 amp fuse in the top and the original 10 or 20 amp fuse in the bottom then there isn't much to worry about whichever way around you have it. The right way is to insert the fuse tap with what you called A is the one that receives the voltage. Break the connection in the middle of a spare fuse the lowest amp rating - the thinner you don't need create a separation between the "legs" A and B. Insert that fuse to the place you want to tap. Check with a multimeter or a fuse tester like this one below which leg is A and which is B. Chode Active Member. The third one was used to create a manual breaker for a particular circuit. Harry Lime New Member. Good thread, I hadn't thought about which way round when I fitted one the other day but there's a really simple way to check which way is correct. Just pull the 'main' fuse from the piggy back module and plug it back in with just the 'accessory' fuse in place. It will only work one way round and that is the correct way. Then put the 'main' fuse back in again. Harry Lime said:. Nigel said:. I still say that is the wrong way! Now we decide to get the power from the fuse for the clock using a fuse tap, the clock uses 10 milliamps and is protected by a 1A fuse, so we put the original 1A fuse in the bottom of the fuse tap and the new 20A fuse for our new spot lights in the top of the fuse tap. Now we have two options for fitting the fuse tap: If we fit the fuse tap your way around then when the new lights are turned on we draw 17A for the lights plus 10mA for the clock but the wiring for the clock is only rated at 1A so it will very quickly get very hot, melt it's insulation causing a short circuit and maybe burn the car to it's metal shell. If we fit the fuse tap the other way around then all that happens is that the 1A fuse burns out to protect the 1A wiring and the car lives for another day. Which is the safer option? Why would you not choose the safe option? It is possible that every fuse in your fuse box is provided with power by A cable via A relays but copper cable is both expensive and heavy and A relays are expensive and rather large so that is very unlikely! And, yes, if we decide to do something stupid then your way around protects you. Hi Nigel, I think you're wrong there. The 12v bus is on the one side of all the fuses. That's kind of the point. The piggy back unit should be fitted so both fuses are tapping power from the bus side. If fitted wrong way around, the accessory fuse is getting power via the main fuse and that can never be right. After all, if we are to fit the piggy back your way, there is no point in using a second fuse at all for the acc circuit, it might as well share the current from the main fuse directly. So I'm unpersuaded that my method is wrong. I'm always open to rethink with a logical argument of course, but I still think this is correct: Just pull the 'main' fuse from the piggy back module and plug it back in with just the 'accessory' fuse in place. Hi Nir, Yep, saw that, and you're right of course. The second fuse should be getting power from the 12v input. My contribution to the thread, which I thought was being helpful until all this contraversy, was that you can achieve that correct connection without using broken fuses or multimeters. Just pull the main fuse and test which way around turns your camera on, then put it back. Job done. Hillbilly Well-Known Member. Chode said:. Bumping up an old thread! See the quoted section in the post right above yours - it answers your question. I'm still not sure, I feel like I'm missing something very obvious.

Brands. Packaging Option. International Shipping. Amazon's Choice for piggyback fuse. Get it as soon as Sat, Feb Lowest price in 30 days. Only 19 left in stock - order soon. Only 18 left in stock - order soon. Only 14 left in stock - order soon. In stock on February 27, Need help? Visit the help section or contact us. Go back to filtering menu. There's a problem loading this menu right now. Learn more about Amazon Prime. Get free delivery with Amazon Prime. Back to top. Get to Know Us. Amazon Payment Products. English Choose a language for shopping. Amazon Music Stream millions of songs. Amazon Advertising Find, attract, and engage customers. Amazon Drive Cloud storage from Amazon. Alexa Actionable Analytics for the Web. Sell on Amazon Start a Selling Account. AmazonGlobal Ship Orders Internationally. Amazon Rapids Fun stories for kids on the go. ComiXology Thousands of Digital Comics. DPReview Digital Photography. East Dane Designer Men's Fashion. Shopbop Designer Fashion Brands. 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Used this to get a remote amp turn-on wire in a BMW x4. Worked perfectly. Love the double-fuse design the original fuse plus a new 20a fuse for the new accessory. Great product. One person found this helpful. Saved me so much time installing a USB charger on the motorcycle. Make sure you watch some videos to make sure you get the polarity right, but I literally plugged into the fuse on the relay I wanted and was running in 10 mins. It works exactly as described. Use this for connecting a rear camera to my car. Worked exactly as I wanted it to. I had a hard time fitting into the old fuse socket. Had to file it down to fit. Otherwise works good. Works great and no more cords hanging everywhere! Product works well, no complaints. See all reviews. Top reviews from other countries. Translate all reviews to English. Report abuse Translate review to English. More items to explore. Pages with related products. 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and, in my particular usage they worked great. I only needed one but now have a couple extra to add to my toolbox. I have an older full size Jeep that I'm slowly bringing back and anyone that works on older vehicles knows that in 40 years it's amazing what people do to vehicles. The wiring seems to always get hacked up for unknown reasons, this fuse tap helped make easy work of getting the stock gauges back up and working without having to take the dash off and probe probably a hundred wires. Easy to use and again, worked great. Search Google on proper way to plug in a fuse tap and be sure whatever you are adding, or restoring the power to will be properly fused and you're good to go. Product seems well made, but the name and description are misleading. This "Standard" fuse tap does not fit any of my three cars - 2 GM and a Honda, because the most common fuse size is "Mini", which this is not. These are really smart to keep on hand and easier to use than trying to fuss with running wires all over your car just to get power to something. They are good quality and long lasting. With proper installation, you can easily add circuits to your car that are properly fused. I would definitely recommend these to others. See all reviews. Pages with related products. See and disco

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