

Stinger®



LIMITED WARRANTY:

Stinger warrants this product to be free of defects in materials and workmanship for a period of one (1) years from the original date of purchase. This warranty is not transferable and applies only to the original purchaser from an authorized Stinger dealer in the United States of America only. Should service be necessary under this warranty for any reason due to manufacturing defect or malfunction, Stinger will (at its discretion), repair or replace the defective product with new or remanufactured product at no charge. Damage caused by the following is not covered under warranty: accident, misuse, abuse, product modification or neglect, failure to follow installation instructions, unauthorized repair attempts, misrepresentations by the seller. This warranty does not cover incidental or consequential damages and does not cover the cost of removing or reinstalling the unit(s). Cosmetic damage due to accident or normal wear and tear is not covered under warranty.

INTERNATIONAL WARRANTIES:

Products purchased outside the United States of America are covered only by that country's Authorized Stinger reseller and not by Stinger. Consumers needing service or warranty information for these products must contact that country's reseller for information.

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Installation Notes:

- Read this installation guide thoroughly before disassembling or modifying the vehicle. Installation of this product requires technical skill, experience and specialized tools. If in doubt, it's recommended to have it professionally installed by an authorized Stinger Dealer.
- Designed for front driver or passenger under-seat amplifier locations.
- Make sure wire gauge matches amplifier power/ground inputs.
- The included fuse is to protect the wiring going to the amplifier, not the amplifier itself. Refer to the amplifier manufactures recommended fuse rating for the amplifier.



What's In The Kit

ITEM	DESCRIPTION	QTY
1	Fuse to Vehicle Battery Wire (22in)	1
2	Fuse to Amplifier Wire (17ft)	1
3	Remote Turn-On Wire (10ft)	1
4	Amplifier Ground Wire (24in)	1
5	Fuse Holder Mounting Plate	1
6	2-Channel RCA Cable (12ft)	1
7	Ferrules/Heat Shrink	2
8	Rubber Grommet (5/8")	1
9	7" Wire Ties	10
10	X-Link Fuse Holder & ANL Fuse	1
11	X-Link X-pansion Jumper	1
12	Fuse Holder Mounting Screws	1



Mounting Plate and Fuse Holder Preparation



1. Remove the fuse holder cover and position it on the mounting plate as shown.



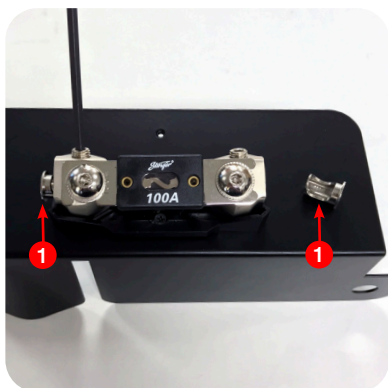
2. Using two of the supplied M3 x 6mm screws, attach the fuse holder to the mounting plate.



3. Remove the 4mm fuse set screws and discard the lock washers.



4. Install the fuse using just the serrated flat washers. Tighten the both fuse set screws securely.



5. If installing the 4GA kit, remove the 8GA inserts (1) from both ends of the fuse holder by loosening the 4mm wire set screws.



6. Loosen the wire set screw on the right side and insert the 22" power lead and tighten securely.



7. Insert the braided sleeved end of the 17' power cable into the left side of the fuse holder and tighten the 4mm set screw.



8. Reinstall the fuse holder top cover.

Installing the Mounting Plate and Fuse Holder



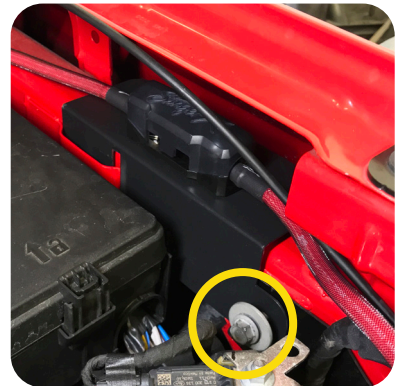
1. In the engine compartment, on the driver's side, locate the 13mm bolt on the inner fender between the battery and the fuse box.



2. Remove the 13mm bolt and set aside.

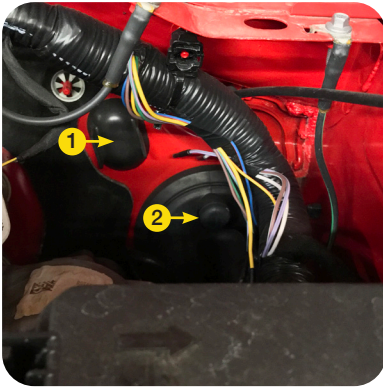


3. Position the mounting plate under the fender and slide the tongue down into the pocket (1).



4. Align the bolt hole on the mounting plate and reinstall the 13mm bolt.

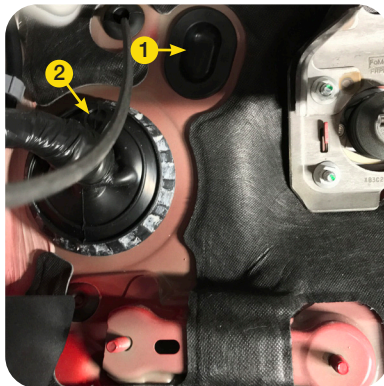
Routing the Power Wire Inside the Vehicle



1. If there are two rubber grommets available behind the fuse box, use #1. Using a utility knife or diagonal cutters, cut a slit in the grommet.



2. Route the long end of the power wire to the grommet. Lubricate the wire and pass it through the grommet into the inside of the vehicle.



3. Inside the vehicle, on the driver's side, to the left of the brake pedal, pull the length of power wire through the other side of the grommet. Leave enough slack in the engine compartment to secure the power wire with zip ties.

Disassembly

NOTE: Disassembly is similar for both sides of the vehicle.



1. Driver's Side Only: Using a panel tool, remove the tread plate from the foot rest.



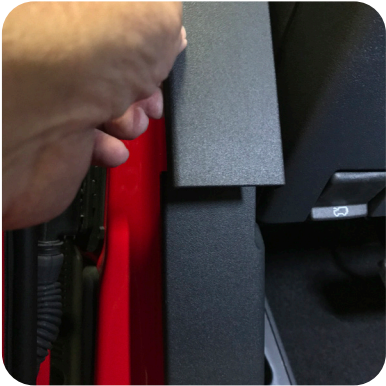
2. Driver's Side Only: Remove the two 10mm nuts securing the foot rest to the floor.



3. Remove the front door scuff plate by pulling upwards to release the retaining clips.



4. Release the clips securing the back end of the kick panel by lifting upwards.



5. Unclip the overlapping trim at the top of the kick panel.



6. Pull the kick panel towards the rear of the vehicle to release the remaining locking clips.



7. Pull up and release the clips on the lower B pillar trim inside the front door.



8. Remove the rear door scuff plate by pulling upwards to release the retaining clips.

Disassembly (cont.)



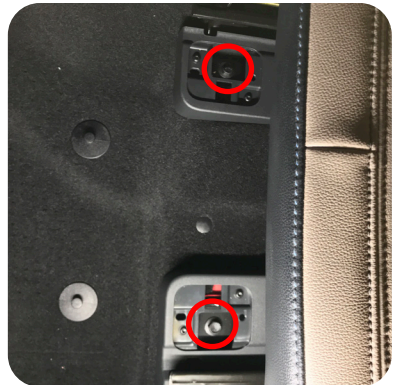
9. Pull up and release the clips on the lower B pillar trim inside the rear door.



10. Starting at the top, pull the B pillar trim towards the center of the vehicle to release the retaining clips. Remove the panel.



11. Position the front seat fully rearward. Remove the two front seat bolt covers (1). Remove the two 13mm seat bolts. Position the seat in the full forward position.





12. Remove the two 13mm rear seat bolts.

At this point, you can remove the seat from the vehicle, or lean it all the way back out the way.

NOTE!

If you are going to unplug the seat wire harness, you must fully disconnect the vehicle batteries first and do not power up the vehicle with the harness unplugged.

In-Vehicle Wire Routing

1. Route the power wire down from the grommet to the driver's kick panel. Secure the power wire to the factory harness using zip ties.

If mounting the amplifier under the driver's seat, skip to Step 6 on page 6.



In-Vehicle Wire Routing (cont.)



2. For passenger side installation, pull back the carpeting on the driver's side.



3. Route the power wire from the driver's kick panel to the front of the center console under the carpet.



4. Feed the power wire from the driver's side to the passenger side in front of the center console.





5. Pull back the carpet on the passenger side. Route the power wire to the passenger kick panel.

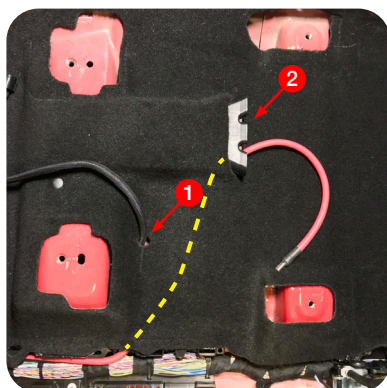
NOTE!

The remaining steps show the Driver's side installation. The Passenger side is the same.

Seat was removed for illustration purposes.



6. From the kick panel, route the power wire towards the front seat following the factory wire harness.

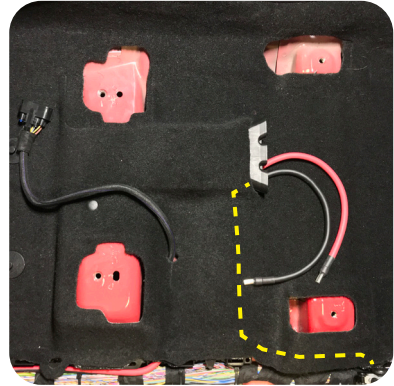


7. Depending on your amplifier's connection points, route the power cable under the carpet and out the wire harness cut-out (1) or the air duct cut-out (2).

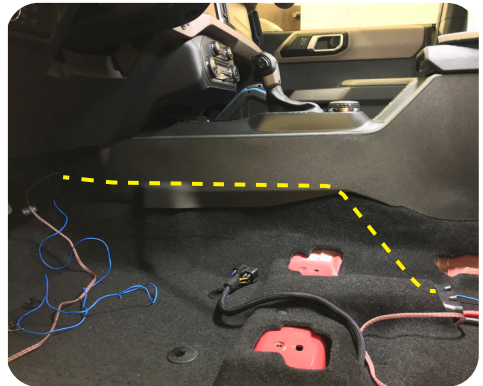
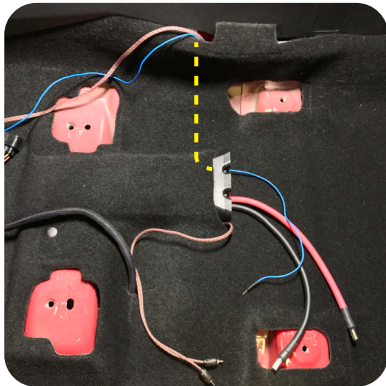
Amplifier Wiring



1. At the base of the B pillar, attach the black ground wire using the bolt indicated. Tighten securely.

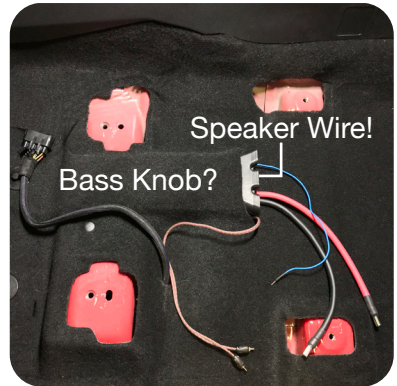


2. Route the ground wire under the carpet from the B pillar to the opening under the seat.

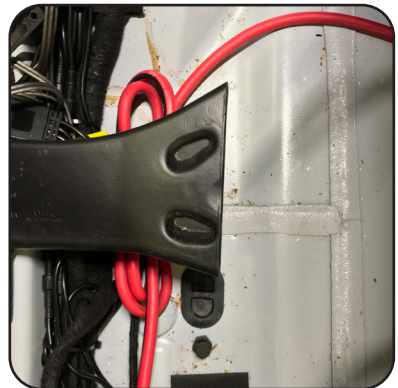


3. For this installation, the source is located at the front of the vehicle, so the RCA cable and Remote Turn-On wire will be routed forward. Pull back the carpet along the center console, route the RCA and Turn-on wire under the seat, then route the cables behind the side of the center console forward.

4. These are the basic connections for the amplifier. You will also need to run speaker wire (not included) to the amp location. And, if the amp has a level control knob, that should also be routed to the amp mounting location.



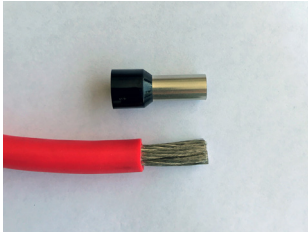
5. At this point, the amplifier should be set in place. If using an amp mounting bracket, the amplifier should be attached to the bracket and then set in place. For each connection, ensure there is the proper amount of wire length..



6. If the power wire is too long, it can be cut to length and a new ferrule installed (see below). If the power wire is just a bit too long, there is plenty of room under the carpet to store some slack and leave the factory installed ferrule attached.

Amplifier Wiring (cont)

NOTE: Some amplifier power terminals will not be large enough or are not designed to use ferrules. If that is the case, simply cut off the ferrule and attach the wire the old fashion way.

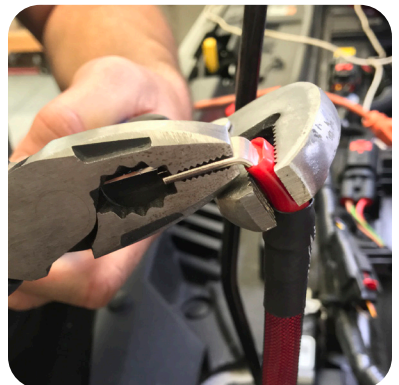


7. To install a new ferrule, shorten the power wire to the proper length, strip 3/4" of insulation, slide the ferrule onto the wire and then slide the heat shrink onto the ferrule. The heat shrink should be positioned as shown so it will keep the ferrule attached to the wire until it is "crimped" by the amplifier set screw when installed.

Connecting Power

NOTE: Once both power and ground connections are connected to the amplifier, you can safely connect the power wire to the battery.

1. The eyelet terminal on the end of the 22" power wire will need to be bent so the terminal cover will close on the factory battery. Using pliers or a vise, bend the terminal close to 90°.

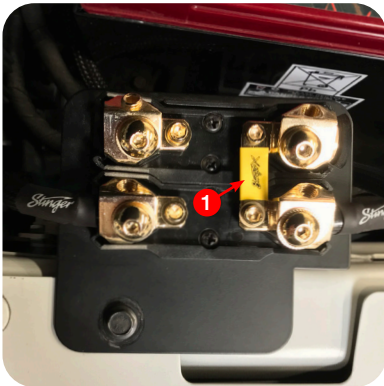




2. Install the ring terminal on one of the empty studs on the positive battery terminal. Secure with the M6 flange nut included in the kit.

Adding an Optional Second X-Link Fuse Block

The fuse mounting plate is designed to hold an optional second X-Link fuse holder.



1. To connect the two X-Links, align the locking channels on the bases and press together. Install the two mounting screws. You can run a new power wire to the second X-Link, or you can use the X-Pansion Jumper (1) to pass power from the first X-Link to the second.



2. X-Link inputs and outputs can accept 0/1, 4 and 8 GA wire. ANL or MIDI fuses can be used, or a combination of both as shown above.

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