

SSVWORKS

2024-UP POLARIS® XPEDITION PHASE-7 AUDIO KIT

INSTALLATION

PN: 260-XPD-PHZ7VRC | 260-XPD-PHZ7KLRC



Please read and understand these instructions completely before installation to avoid possible injury, or damage to the accessory or vehicle.

WARRANTY DISCLAIMER

SSV Works offers a warranty on all products manufactured by SSV Works, covering defects in material or workmanship. For Kicker products included with SSV Works systems, SSV Works handles all warranty claims directly, eliminating the need to contact Kicker separately. Warranty coverage is as follows:

- Enclosures/Panels (SSV Works): Limited Lifetime Warranty
- SSV Works Speakers and Subwoofers: Limited Lifetime Warranty
- Kicker Speakers: Limited 3-Year Warranty
- Kicker Subwoofers: Limited 1-Year Warranty
- SSV Works Amplifiers: Limited 2-Year Warranty
- Kicker Amplifiers: Limited 2-Year Warranty
- SWITCH Works Products: Limited 3-Year Warranty

This warranty does not cover damage caused by misuse, improper installation, or unauthorized modifications. For warranty claims, please contact SSV Works directly for assistance.

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PARTS LIST



SSV-KM61L
Kicker KM61L LED 4ohm marine
6.5" speaker (no grill) each x 4



S-XPB-BS65
Rear Pillar 6.5" Speaker Pods
- Driver & Passenger



POD, TWEETER
Driver/Passenger



B-MBP3612
Front Driver & Pass Adapter set w/
Foam Gaskets & Mounting Hardware



B-MBP3693
Driver Rear Pillar Spkr
Mounting Brackets



B-MBP3692 (H2936)
Passenger Rear Pillar Spkr
Mounting Brackets



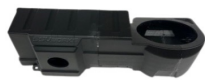
INLINE CROSSOVER
6 dB, 4uF 100V (x2)



B-TWTR-V2
RGB Tweeter Assembly, Gen 2, Main
Speaker Assembly with Housing



B-V102
10" Subwoofer, 2 ohm



S-XPB-DUPS10
Pod, Subwoofer, Rear
Underseat, Driver Side



B-MBP3882
Bracket Pack, Pod Subwoofer



AMPLIFIER, KICKER
1000.5



B-A3951
Amp Plate, Factory Amp
Add-On to 3894 Amp Plate



B-A3894
Amp Mounting Plate,
1000.5 Amp,



B-H3927
Amp Bypass Harness



B-FH4-80A
#4 AWG Fuse Holder Weatherproof,
Assembled 80 AMP FUSE.



B-PT3607
Single Port Tube, RZ5, 70mm
Dia x 275mm Long



B-RCA-FF
Pack RCA Female to
Female Coupler (x2)



A-LIT-CC
RGB Rocker Switch Controller /
Command Center & USB port + H2744



B-H3577
Harness, 2-PIN 14AWG
Subwoofer, Kicker (8ft)



B-H3074
Harness, 2-PIN 14 AWG
Subwoofer Extension (3FT)



B-H2703
Subwoofer Harness, 2-Wire, 14
AWG W/ Molded Grommet



B-H3990
Add-a-Sub T-harness



B-G2949
2MM, SUB Enclosure,
Subwoofer Gasket, Universal



B-H3601
Tweeter Pod Extension
Harness (x2)



FRONT SPEAKER HARNESS (X2)



B-H3468
RGB Speaker Harness, 6-Wire
Non-Grommet Version



B-H2746
RGB Speaker Harness, 6-Wire
w/ Molded Grommet, Tri-Lobe

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B-H3647

REAR PILLAR SPEAKER HARNESS (x2ea)



B-H3519 (H2936)

RGB/ Rear Speaker Y-Harness (7FT)



B-H4065

RGB Front Speaker Harness (4FT)



B-H2933

RGB Extension Harness (8FT)



B-H2934

RGB Extension Harness (2FT)



B-H3853

4-PIN Sumitomo to 2 RCA Female Plugs Harness, 6-INCH (x2)



B-H3545

4-Pin Sumitomo MT Series 2 RCA Male Plugs Harness, 6-INCH



B-H4025

Harness, #8 AWG Fused Power/Ground to SSV 2-Pin, 5 ft Kit



B-HP#7-8

Hardware Pack, Set of 8 #7x1.25" screws x 2



B-HPM616-4C

Hardware pack, set of 4 M6x16 screws and washers (2 PACKS)



B-HPM616-4C

Hardware Pack, M6x1 x 16 LG with Washers, (4 each)



B-HPM616-6

Hardware pack, set of 6 M6x16 screws and washers, x2



B-HP3691

Hardware Pack Rear pillar speaker pods. (x2 packs)



B-S1560

Screw, Sheet Metal, PHPS, #4 X .50", SUS304, Black Oxide



B-S2187

Screw, Pan-Head, M6x1x12mm, SUS304, Black Oxide, w/ NYLOCK, x3



B-S1157

Screw, PHPS, M4x0.7x8mm, SUS304, Natural Finish, Nylock (x4)



B-HP#14-5

Hardware Pack, PHPS, #4-10 x.75 (5 each)



B-S1560

Screw, Sheet Metal, PHPS, #4 X .50", SUS304, Black Oxide



#7-19 x 3/4"

SUS 304, Black Oxide, Phil Pan-Head (X4)

TOOLS NEEDED

- Panel Popper
- 10mm Socket
- 7/16 Socket
- T40 Torx
- T30 Torx
- T25 Torx
- 3/8 Extension
- Step Bit
- Phillips Head Screwdriver



2024-UP POLARIS® XPEDITION PHASE-7 AUDIO KIT

FRONT END DISASSEMBLY

1



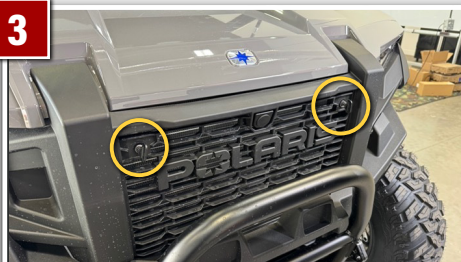
Remove the front seat by removing the **Two (2) T-30 Torx** bolts circled in yellow.

2



Using a flathead screwdriver, twist the locking tab to release and remove the battery cover. Once removed, disconnect the battery. The **POSITIVE** terminal can be removed using a **10mm** socket, and the **NEGATIVE** terminal can be removed using a **13mm** wrench.

3



Unlock the two (2) twist-locking nuts on the front grille, then **lift** the grille up and out of the way.

4



Pull down and out on the two (2) rubber locks that secure the hood, then **lift** the hood up and out of the way.

5



Open the windshield. Using a 10mm socket, **remove** the windshield latch on the dash by removing the three (3) bolts and two (2) push pins.

6



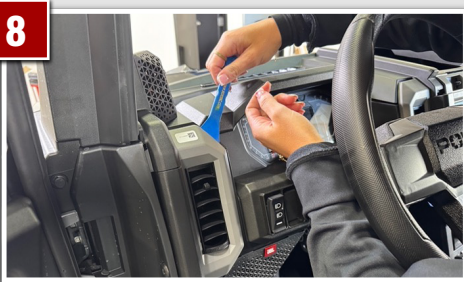
Remove the center top dash panel by lifting it up and out.

7



Remove the five (5) **T-27 Torx** screws from the top of the dash panel.

8



With a panel popper, remove the two (2) driver-side HVAC vents. They are secured with plastic speed clips.

9



Remove the two (2) passenger-side HVAC vents. Open the glove compartment, then remove the two (2) plastic push pins next to the glove compartment latch. Also remove the plastic push pins behind the four (4) HVAC vents that were removed

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10

NOTE



Remove the driver and passenger-side A-pillar covers. Release the windshield piston, then remove the two (2) **T30 bolts** and the 11mm windshield piston bolt.

NOTE

Either fully remove the windshield, or secure it in place.

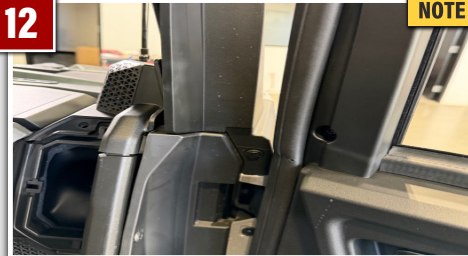
11



The dash is secured by two (2) hidden panel fasteners. To access them, remove the exterior trim by extracting the one (1) panel fastener located between the door jamb.

12

NOTE



To access the hidden panel fastener, pull the side panel back just enough to reach and remove the push pin.

NOTE

If the panel is too tight, remove the T40 Torx screw to provide additional clearance.

13



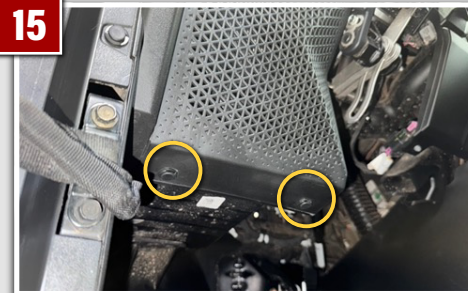
With all hardware removed, lift the end of the dash panel to disconnect the tweeters, if equipped.

14



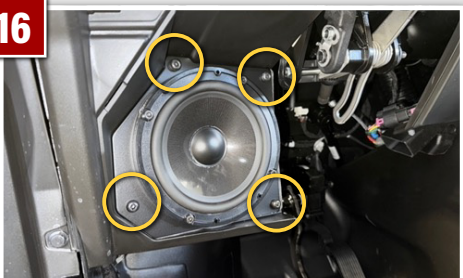
Now you can lift the top dash panel up and out.

15



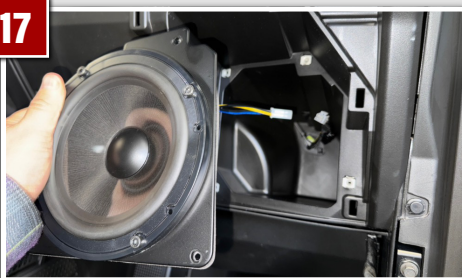
Remove the two (2) plastic push pins under the front factory speaker grille, then remove the grille cover. Repeat on the passenger side.

16



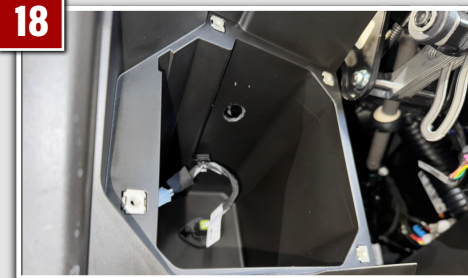
Remove the four (4) screws securing the factory speaker. This hardware will be reused.

17



Pull the factory speakers out, then disconnect it.

18

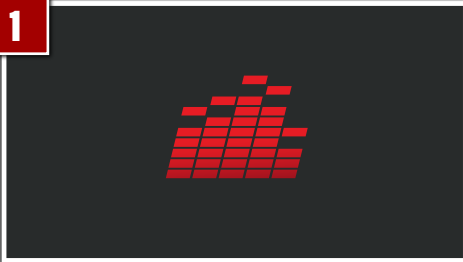


Using a step bit, drill a hole in the top of the factory enclosure to pass the speaker and RGB harnesses through. You'll want the hole big enough to pass through the **B-H3648** plugs.

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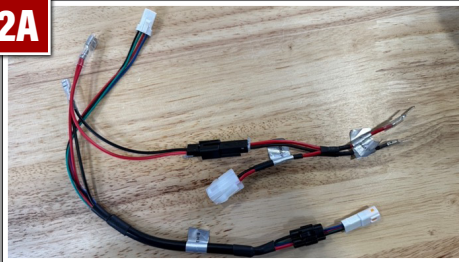
PRODUCT ASSEMBLY

1



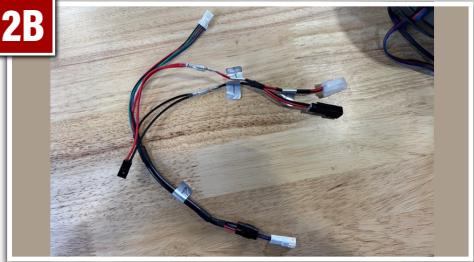
There are two ways to configure the harnesses. Configuration A for the Kicker or Unloaded kit. Configuration B for the SSV Speaker kit. Skip to the configuration to the kit you purchased.

2A



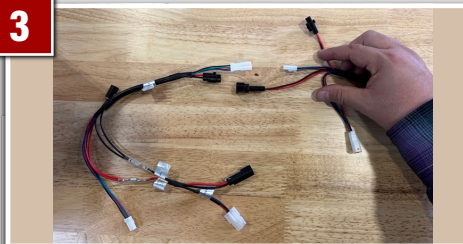
CONFIGURATION A: Take the **B-H3468** and **B-H3648** harness. Plug in the two plugs leading off the spade connectors. The female spades will plug into your speakers when you install them. The male spade on the **B-H3648** need to be taped off.

2B



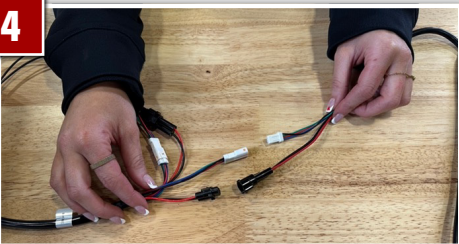
CONFIGURATION B: Take the **B-H3468** and **B-H3648** harness and plug in the two sets of spades.

3



Using the harness you just assembled, locate **B-H3601**. On the end with the four (4) connectors, plug the female audio connector and the male RGB connector into the **B-H3463** harness you previously assembled.

4



Locate the **B-H2936** harness. Take the passenger-side lead and plug both ends into the two (2) remaining connectors on the **B-H3601** harness. Repeat steps 2-4 for the drivers side lead

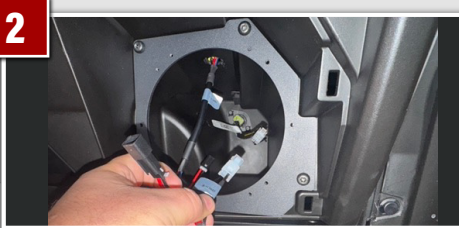
INSTALLATION

1



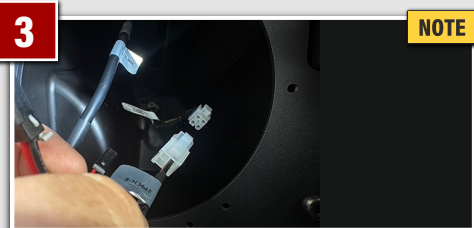
Using the factory hardware removed from the original speaker, install the new metal speaker brackets. Position the foam gasket against the factory speaker pod. Note that there is a left and right bracket.

2



Take the harness you assembled earlier and route it into place in the dash. Lay the driver-side lead to the driver side, and the passenger-side lead to the passenger side. On the passenger side, locate the end with the four (4) connectors and feed that entire section into the speaker pod through the hole you drilled earlier. Leave the center of the harness in the center of the dash.

3



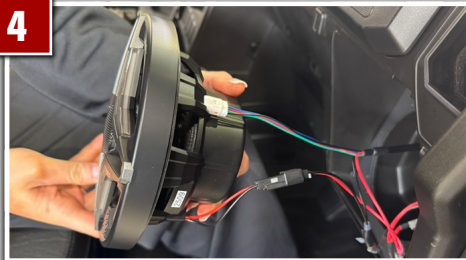
NOTE

Plug the clear connector on the SSV harness into the connector you unplugged from the factory speaker.

NOTE

the other end of the harness with the two (2) white plugs, will stay on top of the dash, those are for the tweeters.

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Plug the male audio connector (black) and the male RGB connector (white) into the speaker. One (1) additional connector will remain unused, depending on the speaker being installed. In this case, the female audio connector will not be used.

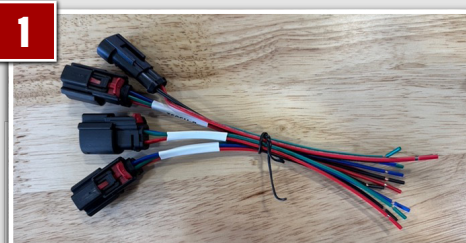


With connections made, mount the speakers to the speaker brackets using the provided hardware.

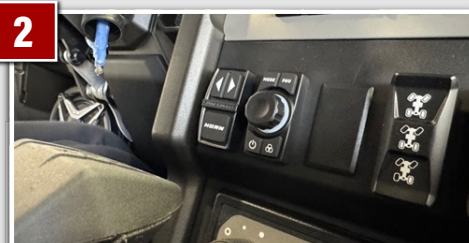


Take the factory speaker covers, remove the JBL badge, and replace it with SSV Works.

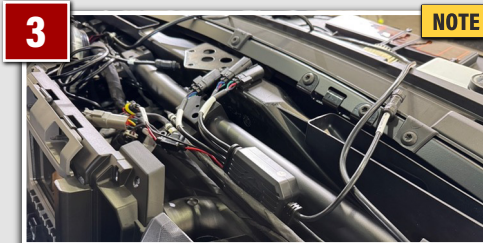
INSTALLATION - LIT CC



First note, the three RGB output pigtails and the smaller power/ground pigtail will not be used in this installation



Locate the **Lit-CC** and grab the rocker controller. Choose your desired rocker switch location, pop the cover out, then feed the controller cable up through the dash.

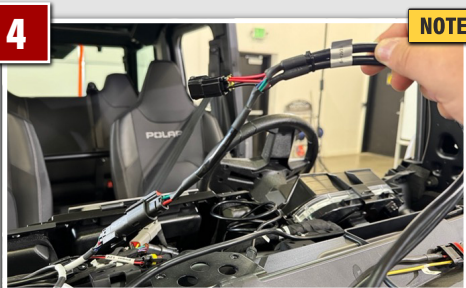


NOTE

Take the **Lit-CC** brain and mount it in a convenient location. In these instructions, it is mounted to the cross-bar on the dash using zip ties.

NOTE

Mount it in a position that provides enough slack to route B-H2744 through the firewall to the pulse bar.



NOTE

Locate the **B-H2935** harness already in the dash for the front speakers, then plug the end into Output one (1) on the **Lit-CC** brain.

NOTE

The audio connector on the end of this harness is not used.



Connect the RGB Controller to the **RGB Controller Output** of the **LIT-CC** brain



NOTE

Take the **B-H2744** power harness and feed the two (2)-pin connector through the firewall into the dash. Connect the three (3)-pin connector to the bus bar under the hood.

NOTE

The yellow wire is not used for this install.

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7



Plug the two (2)-pin connector you routed through the firewall into the 12V power connector coming off the Lit-CC.

DISASSEMBLY - REAR SPEAKER PODS

1



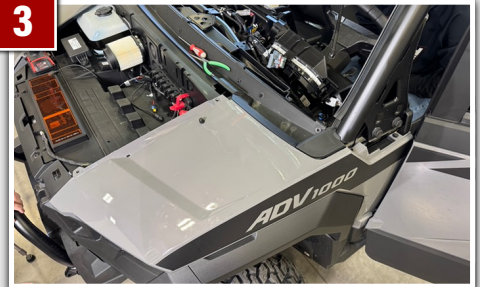
Remove the two (2) T40 screws securing the rear factory speaker pods.

2



Pull the factory speaker pod off, then unplug it from the wire harness.

3



Remove the one (1) T40 bolt, one (1) T30 bolt, and four (4) push pins from both the driver-side fender. Two (2) of the push pins are in the door jamb.

4



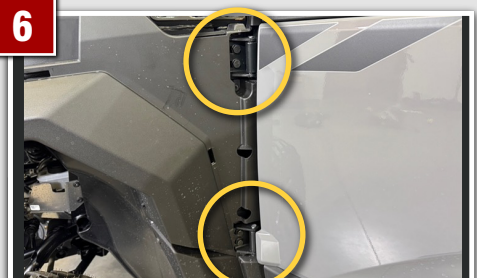
Carefully pry the fenders off. They are secured with plastic speed clips.

5



Unplug the front driver door power harness, then remove the clip securing it in place. Then remove the two (2) 10mm bolts holding on the door strap.

6



Remove the four (4) 13mm bolts securing the door to the vehicle, and carefully remove the door.

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7



Remove any remaining hardware from the driver-side fender, then pull the fender free.

8



Remove the three (3) push pins shown here.

9



Remove the two (2) T30 bolts. Once removed, the outer panel can be taken off.

10



Move to the next panel down and remove the four (4) push pins in the door jamb. This panel does not need to be fully removed.

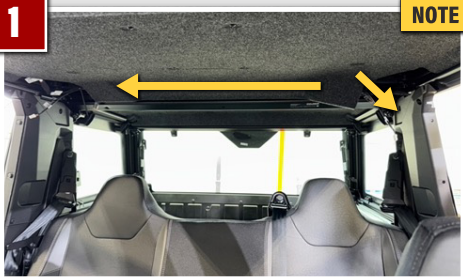
11



Remove any remaining hardware securing the rocker panel, then remove the rocker panel. Some hardware will be hidden.

INSTALLATION - REAR SPEAKERS

1



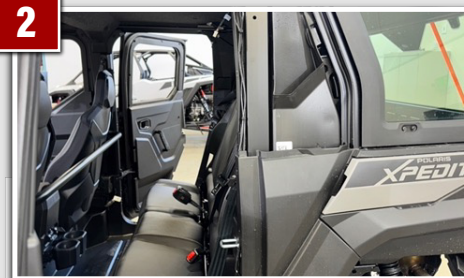
NOTE

Locate the **B-H3519** RGB Y-splitter. Route the passenger-side lead through the headliner and out at the speaker location, then route the driver-side lead into position.

NOTE

It's easier if you zip-tie these in place now.

2



Clean up the extra slack, and start running it down the C-Pillar.

3



Locate the **B-H2933** RGB extension harness and route it along the rocker. When routing, keep the cable along the inner frame area to help protect it from damage.

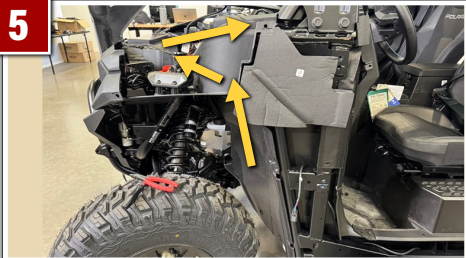
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4



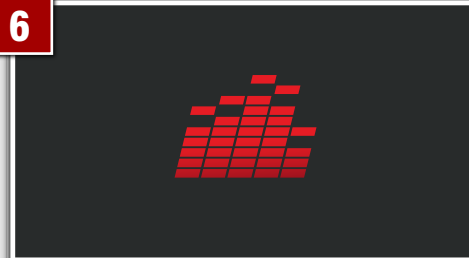
Grab the second **B-H2933** RGB extension harness and continue routing it up the inner wheel well and into the hood compartment. We recommend running the cable behind the foam pad.

5



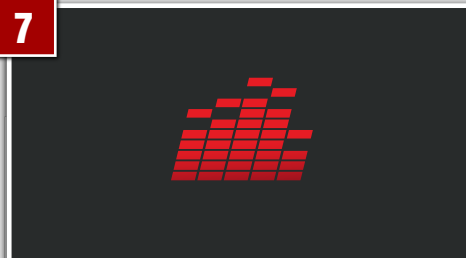
Continue routing the RGB extension harness into the hood compartment, then through the firewall to the RGB brain.

6



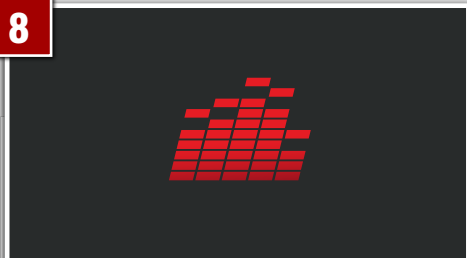
Plug the RGB extension harness into Output two (2) on the RGB brain.

7



Locate the two rear speaker pods. Taking the drivers side pod, plug it into the audio and rgb harness ran in step 1.

8



Using the two factory T40 bolts, mount the rear speaker pod. Repeat steps 7 and 8 on the passenger side.

AMPLIFEIR INSTALL

1



To begin the amplifier installation, remove the **Two (2)** factory amplifiers secured with **Eight (8) T-30 Torx** bolts.

NOTE

Keep track of the amplifier with the **WHITE** plug. This is the amplifier that will be reinstalled onto the SSV plate later.

2



Once both factory amplifiers have been removed, notice the standoff indicated by the **RED** circle. The **YELLOW** circle shows the standoff after it has been removed. Using the cutting tool of your choice, remove the standoff as shown here.

3

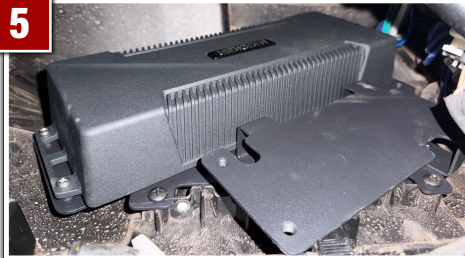


Locate **A-XPD-AMPK** for the larger bracket, then find **B-A3951** and the hardware pack containing **Three (3) M6x1x12mm** bolts. Assemble the brackets together as shown.

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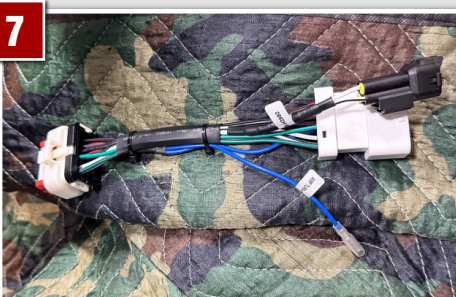
With the new amplifier plate assembled, install it using the same bolt hole locations as the factory amplifiers, using the **Five (5)** supplied Phillips head screws.



Next, install the new Kicker amplifier onto the amp plate using the included **Four (4)** silver Phillips head screws.



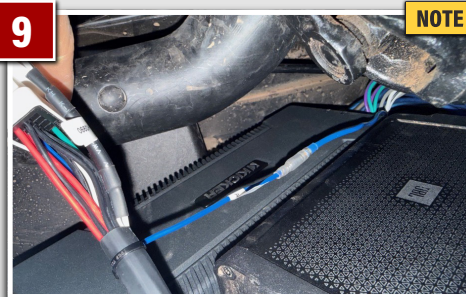
Now locate your factory amplifier with the **WHITE** plug and mount it to the amp plate using the included **Four (4)** **T-30 Torx** bolts and washers.



Locate harness **B-H3990** from your kit. This harness functions as a T-harness between the factory harness and the factory amplifier to supply power to the new subwoofer and the Kicker amplifier.



Make the corresponding connections as shown.

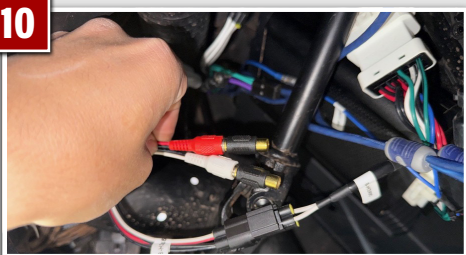


NOTE

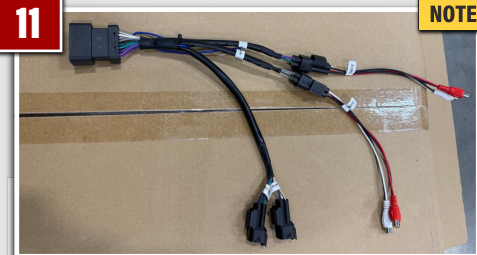
On harness **B-H3990**, locate the **BLUE** "amp **TURN ON**" wire. There is a corresponding blue wire from the new amplifier. Connect these **Two (2)** blue wires together as shown.

NOTE

This connection may be tight depending on how the harness is routed. If so, cut the **Two (2)** small zip ties to provide additional slack for installation.



Now locate RCA harness **B-H3545** and the **Two (2)** male-to-male adapters. On harness **B-H3990**, locate the pigtail labeled **B-H3990** and make the corresponding connection. The completed setup should match the image shown.



NOTE

Next, locate harness **B-H3927** and the **Two (2)** **B-H3853** harnesses. Make the corresponding connections to the **INPUT (FRONT)** and **INPUT (REAR)** male plugs on harness **B-H3927**.

NOTE

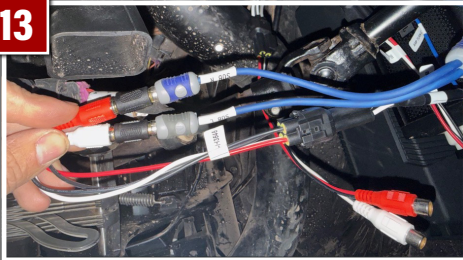
Keep track of the amplifier with the **WHITE** plug. This is the amplifier that will be reinstalled onto the SSV plate later.



Locate the factory harness that was previously unplugged from the factory amplifier. Connect harness **B-H3927** to this factory connection.

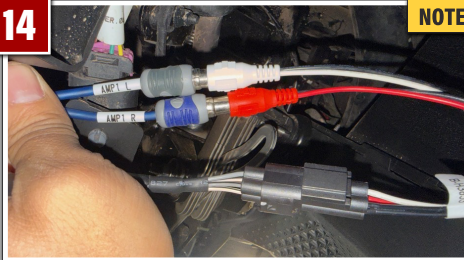
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13



Now begin making all amplifier and harness connections under the dash. Locate the pigtail harness **B-H3545** under the dash, then find the **SUB L&R** RCA outputs on the amplifier. Connect the RCA cables as shown: **RED** to **SUB R** and **WHITE** to **SUB L**.

14



NOTE

Moving to harness **B-H3927**, locate **one (1)** of the pigtail harnesses **B-H3853** under the dash. Connect the RCA cables to **AMP 1 L&R** as shown.

NOTE

The RCA harness **B-H3853** used here should connect **INPUT (FRONT)** to **AMP 1 L&R**. Refer to Step Eleven (11) if needed.

15



NOTE

Locate your remaining harness **B-H3853** and the **AMP 2 L&R** RCA outputs on the amplifier. Make the corresponding connection as shown.

NOTE

This connection should be **INPUT (REAR)** to **AMP 2 L&R**

16



Next, on harness **B-H3927**, locate the final **Two (2)** labeled plugs: **OUTPUT (FRONT)** and **OUTPUT (REAR)**. Connect these to their corresponding outputs on the amplifier as shown.

17



Locate harness **B-H3577** included in your kit. Prepare this harness for routing to your new amplifier.

18



NOTE

Following the red arrows, use a grabbing tool to fish the harness from the battery box through the center console, then retrieve it at the upper side of the console under the dash.

NOTE

Indicated by the **YELLOW** circle is a flap that should already be open due to a factory cable running through it inside the console. You can reach up from the battery box to feel it. This is the pass-through you will use.

19



NOTE

Take some tape and tape the end of harness **B-H3577** tightly to the grab tool or spare wire that you routed through the center console.

NOTE

Make sure you are taping the **SAME** end shown in the photo to your tool or wire before the next step!

20



NOTE

Now you can begin routing the harness by pulling it back through the console and out through the battery box.

NOTE

When the plug reaches the pass-through corner circled in **YELLOW**, it may be a tight fit and require resistance. You may need to reach up and help guide the plug through.

21



Next, make the corresponding connection to the amplifier at the location circled in red, as shown.

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22



Locate the main power harness bag **B-H1Q**. From here, repeat Steps 19 through 20 using the **POSITIVE** and **NEGATIVE** leads, either taped to your grab tool or attached to a spare wire, routed through the center console area.

23



Once Steps 19 and 20 are complete, make the final connection to your new amplifier as shown.

24



Now locate the positive lead with eyelets on each end labeled **B-H3561** and the SSV fuse holder **3683A-2**.

25



Next, carefully disassemble the fuse holder by removing the clear plastic cover. Then remove the **Two (2)** Phillips head screws from the back/bottom of the holder to separate the base.

26



The tabs on the base marked by red X's are removable. You may remove any tab as needed to achieve the correct orientation you want. In this application, the tabs on each end were removed.

27



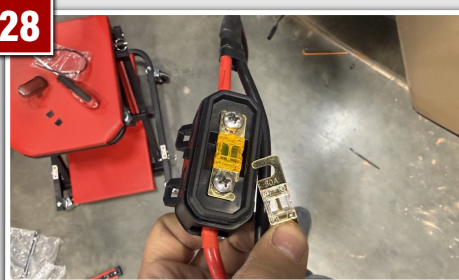
NOTE

With the selected tabs removed, connect both positive leads to the fuse block base as shown.

NOTE

The photo is for reference only to illustrate the concept; your fuse block may differ slightly.

28



Next, replace the preinstalled fuse in the fuse block with the supplied **80-amp** fuse. Using a Phillips head screwdriver, remove the **Two (2)** screws securing the fuse, then install the **80-amp** fuse in its place.

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SUB ENCLOSURE INSTALL/ASSEMBLY



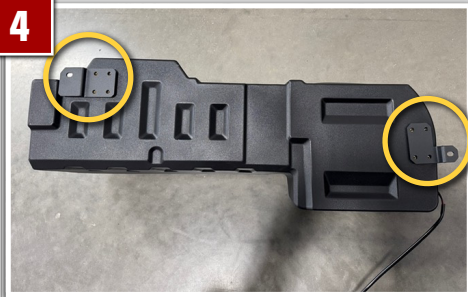
Life the rear seat by pulling it upLife the rear seat by pulling it up.



Remove the **Four (4) T40 Bolts**.



Place the first bracket onto the floor board aligned as seen here, and reinsert the **Two (2) T40 Bolts**.



Assemble the **two (2)** remaining brackets onto the subwoofer enclosure using the provided hardware.



Now use your step bit to drill a **1-1/8 inch** hole for installing the supplied grommet for your sub harness pass-through.

NOTE

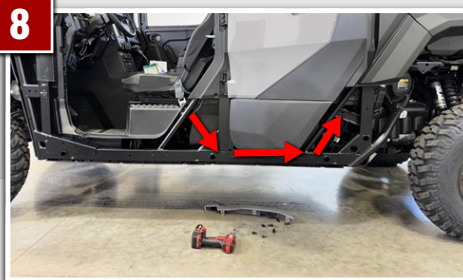
It is recommended to install the grommet onto your sub harness to make install of grommet and harness easier.



Place the subwoofer enclosure into position, insert the remaining **two (2) T40 bolts**.



With the provided hardware, secure the middle mounting bracket to the subwoofer enclosure.



Once the sub enclosure is installed, route the sub harness **B-H3577 (installed in Step 20)** from the battery box area back to the sub enclosure harness, following the path indicated by the red arrows shown.

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INSTALLATION - FRONT TWEETERS

1



Using a panel popper, pry the top of the factory tweeter housing out.

2



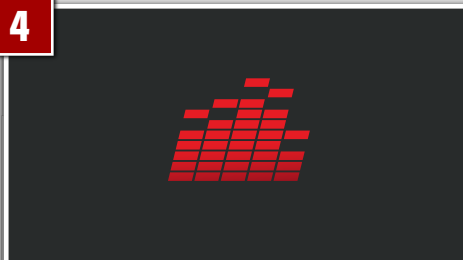
Using a 4mm allen, remove the tweeter

3



Locate the SSV tweeters and crossovers (packaged in the same box). Plug the tweeter positive and negative leads into the **OUT** connector on the crossover.

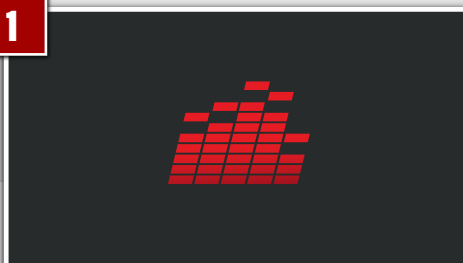
4



Move the dash panel to the vehicle, and plug in your tweeter to the audio and rgb lead coming up front the front speaker pod.

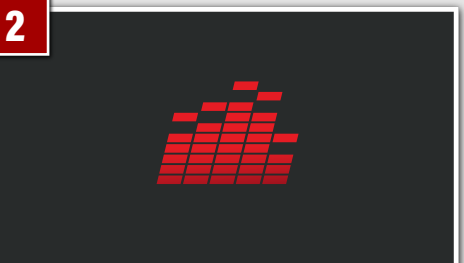
SYSTEM TEST

1



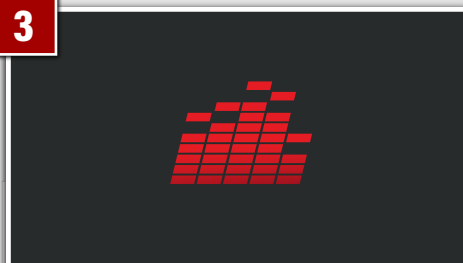
Verify the system is working

2



Once you've confirmed everything is working. You can go ahead and reassemble the vehicle.

3



Audio is subjective. Here are some Ride command EQ settings we recommend with this upgrade.



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INSTALLATION



818-991-1778

Support@SSVworks.com

SSV Works Corporate

4610 Calle Quetzal, Camarillo, CA 93012

SSV Works (Location #2)

1212 E Venture Dr. #100, St. George, UT 84790