



SSV WORKS, 201 N. Rice Ave Unit A, Oxnard, CA 93030
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RZ34-Q5V1

RZR 3 and RZR 4
5 Speaker RGB LED Audio Kit
Phase 5 with JVC MR1

GREEN



RZR3 2014-2018

BLUE



RZR4 2019+

FOLLOW THE COLOR CODE ON EACH STEP FOR YOUR VEHICLE'S SPECIFIC INSTRUCTIONS

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Panels and Dash
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Subwoofer
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RGB Kick Panel Speakers
Installation

pg 20

RGB Rear Cage Pod Speakers
Installation



WIRING DIAGRAM OF COMPLETE KIT

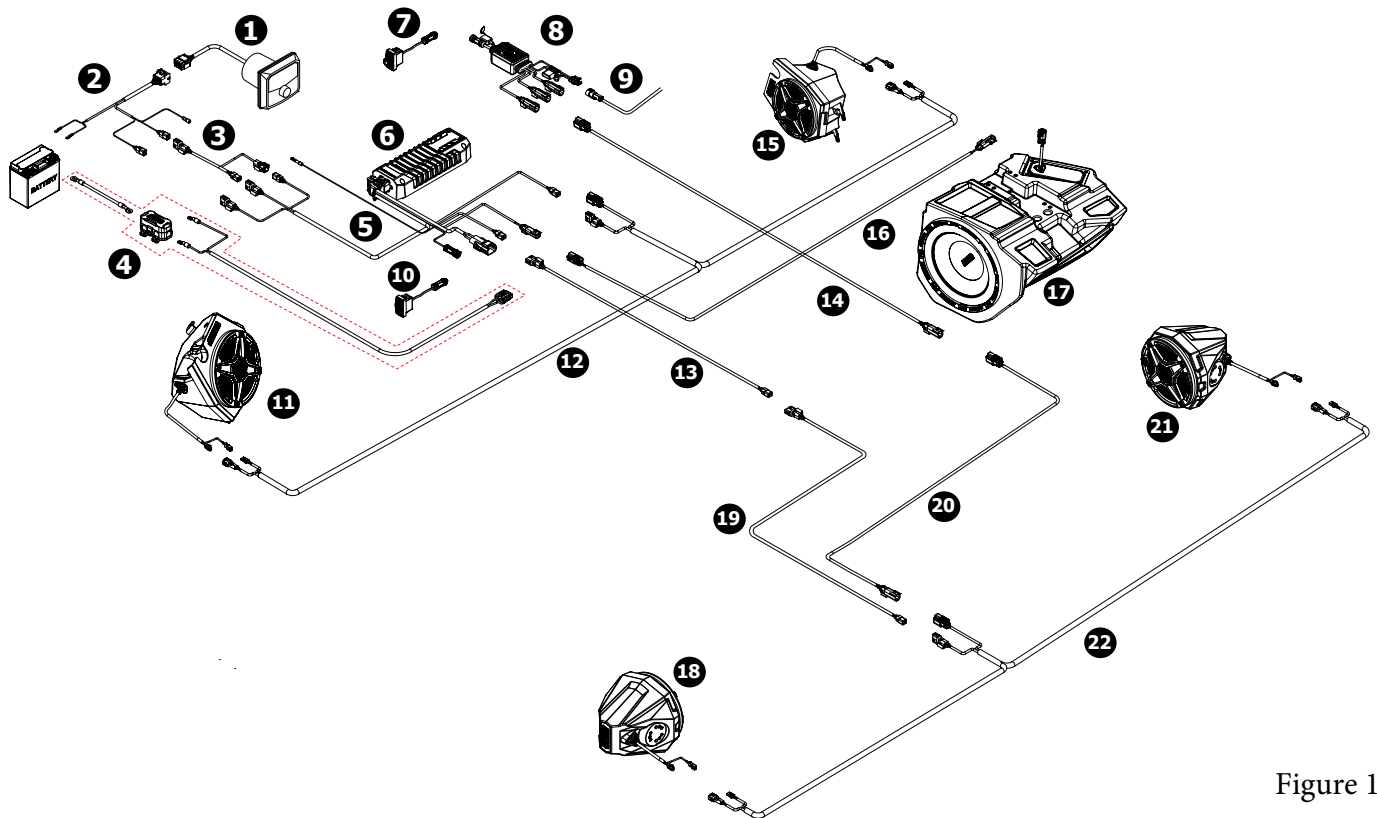


Figure 1

Figure 1 is designed to show the installer a reference overview of the complete 5 speaker RGB LED wiring diagram. Each installation section will have its own detailed wiring diagram.

	Description	Part #
1	Bluetooth Media Receiver w/ 2.7" color display	B-MR1
2	JVC to SSV Harness Adapter, 8 ft.	B-H2368
3	4-Pin "Y" Audio Splitter	B-H1403
4	Amp Wiring Kit Assembly, 10 ft.	A-H1Q
5	800.5 Amplifier 32-Pin Universal Harness	B-H2605
6	800 Watt 5 Channel Amplifier	B-A8005
7	RGB LED Controller Rocker Switch for 230-LIT-CC	
8	SWITCH Works RGB LED Controller Command Center	230-LIT-CC
9	230-LIT-CC Power Harness	
10	Amplifier Rocker Switch for B-A8005	B-AMPRS
11	Front Kick Pod Enclosure, Left	230-X3-F65V
12	RGB Front Speaker Harness, 4 ft.	B-H2935
13	4-Pin Extension Harness, 8 ft.	B-H1913
14	RGB Extension, 8 ft.	B-H2933
15	Front Kick Pod Enclosure, Right	230-X3-F65V
16	2-Pin Audio, Sub Extension Harness	B-H2702
17	X3 Under Dash Loaded Sub, 10" 2 ohms	230-X32-DUS10V
18	RGB, 6.5" Loaded Cage Pod, Left	B-USL-C65V
19	4-Pin Extension Harness, 2 ft.	B-H1912
20	RGB Extension, 2 ft.	B-H2934
21	6.5" Loaded Cage Pod, Right	B-USL-C65V
22	RGB Rear Speaker Harness, 7 ft.	B-H2936

PANELS AND DASH DISASSEMBLY (All Models)



A. Remove all seats by releasing the handle behind each seat, push forward slightly while lifting up.

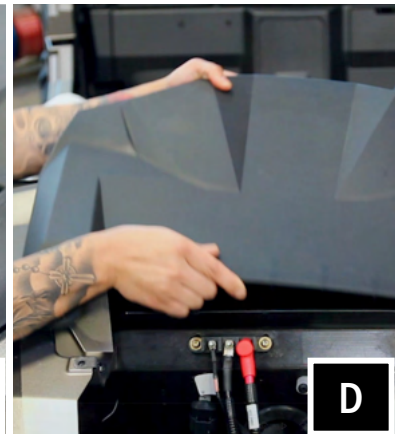
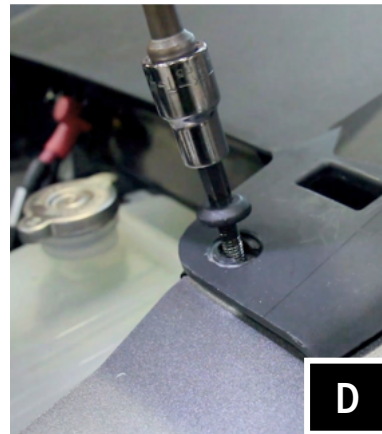


B. Disconnect the negative battery cable from the battery.

PANELS AND DASH DISASSEMBLY (RZR3)



C. Remove hood by turning locking pins and lifting up.



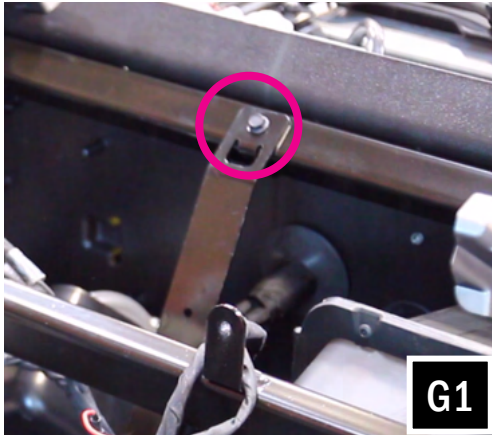
D. Remove center dash by unscrewing the (2) T-40 Torx screws and push center dash forward to unclip.



E. Disconnect all harness connectors attached to the center dash panel.



F. Un-pin and pull to remove the passenger side safety handle.



G1



G2



G3

G. Remove the factory dash pocket by first extracting the 10mm bolt on the dash frame (G1). Then pull out the dash pocket with bracket attached (G2) - NOTE this bracket will no longer be used for any part of this installation (RZ3 ONLY). Save this screw as it will be use later during the amp plate installation. Extract (2) screws securing the sub dash (G3). Unsnap and remove.



H



H



H

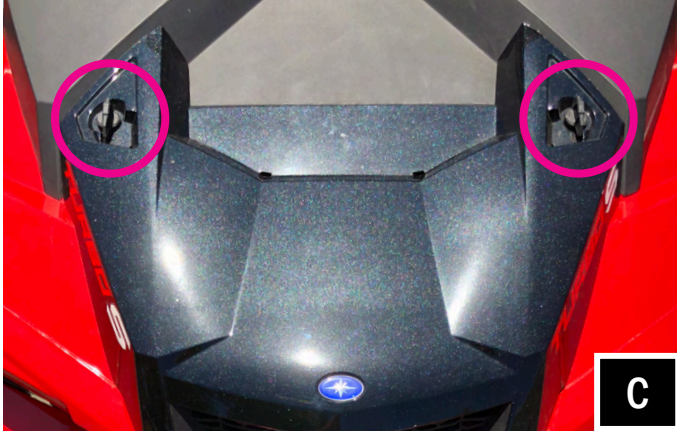
H. Remove all of the center console push pins and T-40 Torx screws. For 4-seat models, disconnect the harness attached to the 12v accessory socket.



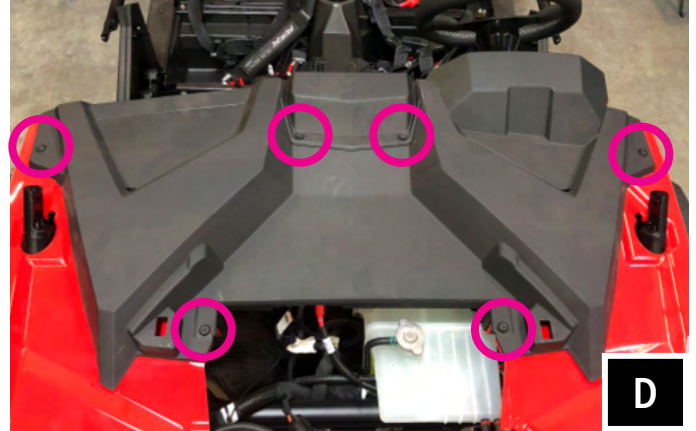
I

I. Remove glovebox by removing (2) 10mm screws.

PANELS AND DASH DISASSEMBLY (RZR4)



C. Remove hood by turning locking pins and lifting up.



D. Unscrew the (4) T40 torx screws and extract the (2) push pins from the top-center dash compartment. Lift and remove the top-center dash compartment. From inside the machine, pull the dash towards you to unclip. Once unclipped remove the dash.

AMP PLATE INSTALLATION PARTS LIST

WARRANTY INFORMATION:

All SSV Works enclosures are covered by a limited lifetime warranty against defects in material or workmanship. All SSV Works Electronics are covered by a limited 1 year warranty against defects in material or workmanship. All SSV Works Speakers are covered by a limited lifetime warranty against defects in material or workmanship. Labor for replacement of defective components is not covered. Contact SSV Works for further warranty information.



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

TOOLS NEEDED FOR INSTALLATION

- | | | | |
|---|--------------------------------|---|--------------------|
| - T30 & T40 Torx Socket | - 4mm & 5mm Allen Wrench | - Drill with 13/64", 1/8", 1/4" & 1/2" Drill bits | - Scribe or Marker |
| - 10mm and 5.5mm Socket & Ratchet or Wrench | - #2 & #3 Phillips Screwdriver | - Panel removal tool | - Utility Knife |

PARTS LIST IMAGES



1. Amp Power Wire



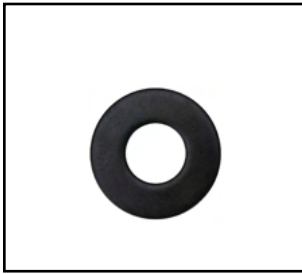
2. Amp Tray with pre-loaded PhaseEQ Amp



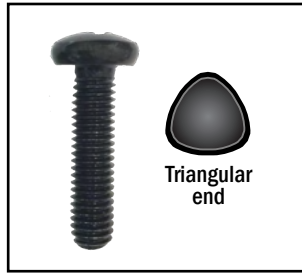
3. Amp Tray Base Brackets (Depending on model)



4. M6 x 1.0 Screws x 2 (T-30 torx)



5. M6 Washers x 7



6. Thread Cutting Screw x 5
(#3 Phillips)



7. Fuse Holder with 40A Fuse x 1

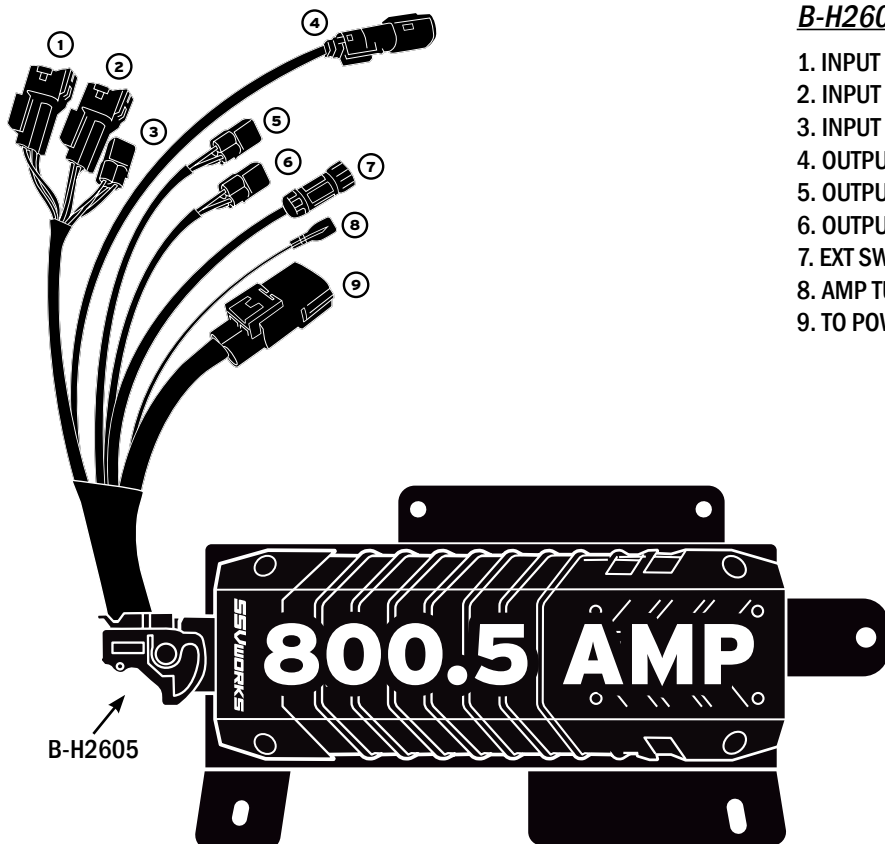


8. Battery Terminal Cable x 1



9. Zip Ties

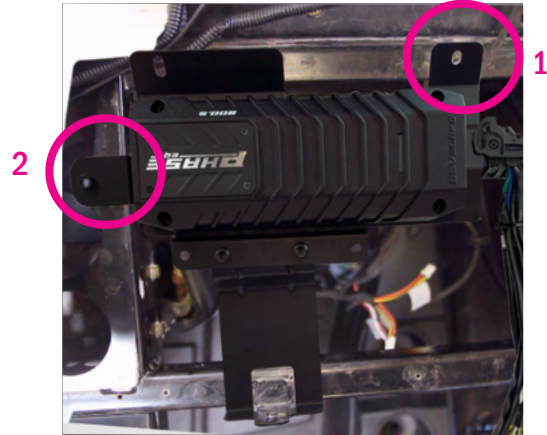
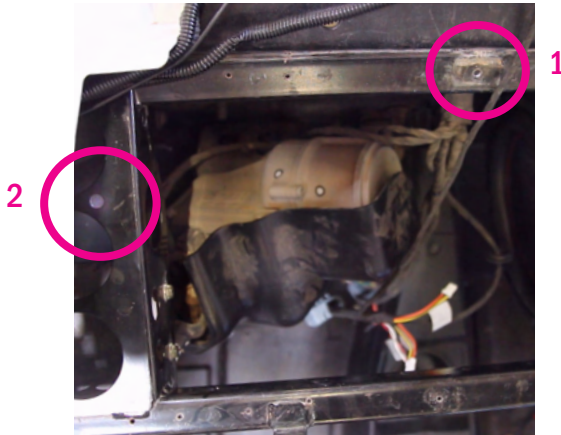
AMP PLATE INSTALLATION



B-H2605 800.5 Amplifier Harness

1. INPUT (FRONT) - CONNECT TO JVC MR1 "FRONT SPEAKERS"
2. INPUT (REAR) - CONNECT TO JVC MR1 "REAR SPEAKERS"
3. INPUT (SUB) - CONNECT TO B-H1403 AUDIO "Y" SPLITTER
4. OUTPUT (SUB)
5. OUTPUT (FRONT) - CONNECT TO FRONT SPEAKER HARNESS
6. OUTPUT (REAR) - CONNECT TO REAR SPEAKER EXPANSION
7. EXT SWITCH - ROCK & RIDE
8. AMP TURN-ON
9. TO POWER INPUT

AMP PLATE INSTALLATION (RZR3)

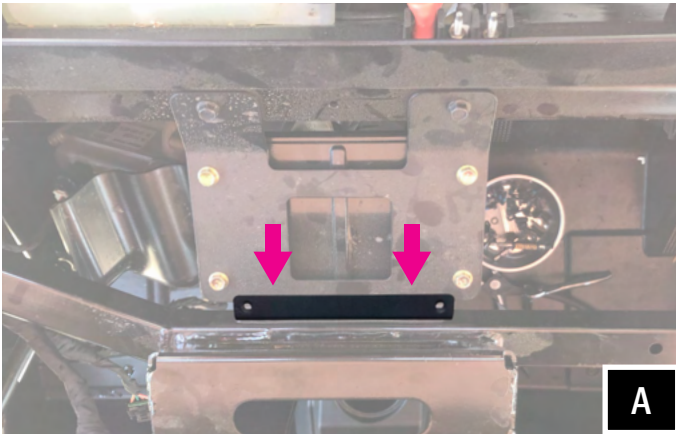


Place the pre-installed amp plate with MRB3 Brain on the frame of the dash and line up the hole on the top of the amp plate to the factory hole where the pocket bracket was previously installed (1). Loosely screw in the factory 10mm screw in this hole location.

Next loosely screw in the T-30 screw with washer from underneath the steering column into the amp plate (2).

Lastly hand tighten both screws.

AMP TRAY INSTALLATION - WITHOUT FACTORY AUDIO (RZR4)



A. Place the amp tray base bracket at the location of the (2) removed factory 10mm bolts. Re-fasten the bolts through both the amp tray base bracket and factory plate to secure to the chassis.



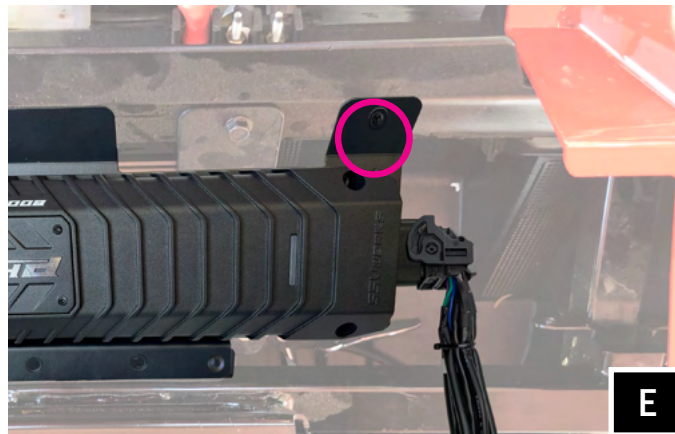
B. Place the amp tray into the mounting location by lining up the amp plate screw holes to the factory holes on the chassis and base bracket.



C. Secure the amp tray by using the 10mm factory bolt at the top, and two (2) T-30 torx bolts at the bottom mounting locations.



D. Using a scribe or punch, mark the location of the needed pilot hole on the passenger side of the tray.



E. With the accurate location marked, uninstall the amp tray and use a 13/64" drill bit to drill your pilot hole. With your pilot hole drilled, reinstall the amp tray. Use the self-tapping screw in the drilled hole location.

DASH KIT ASSEMBLY PARTS LIST (RZR3)

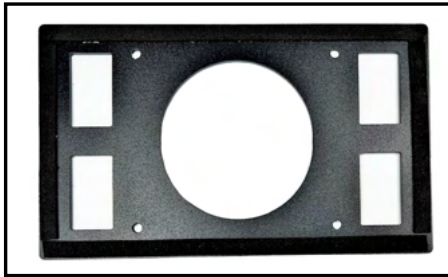
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TOOLS NEEDED FOR INSTALLATION

- | | |
|----------------------------|--------------------------|
| - #2 Phillips Screw Driver | - 10mm Socket & Ratchet |
| - T40 Torx Socket | - 5.5mm Socket & Ratchet |

PARTS LIST IMAGES



1. RZ3 Dash Panel



2. Mounting Brackets

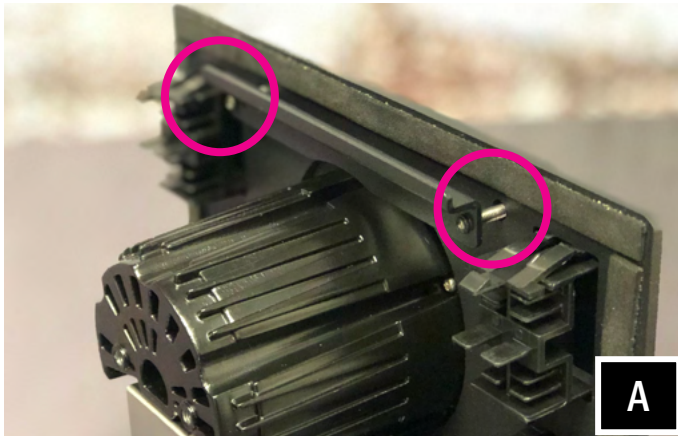


3. M3 Screw x6



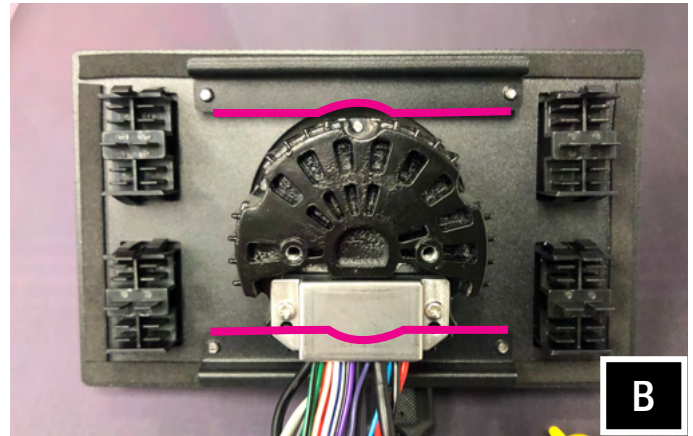
4. Rocker Switch Blank (x4)

DASH KIT ASSEMBLY (RZR3)



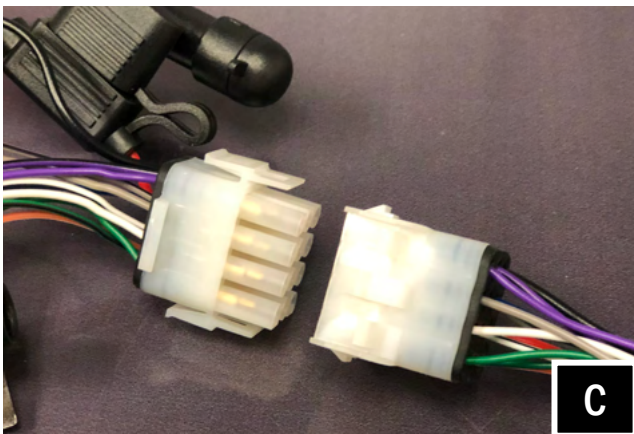
A

A. Place the MR1 unit through the base plate and thread the provided M3 screws into the mounting brackets. Do not fully fasten the screws. The bracket will not be fully tightened until the unit is placed into the dash.



B

B. Verify the correct orientation of the mounting brackets.



C

C. Connect the MR1 and all related accessories.



D

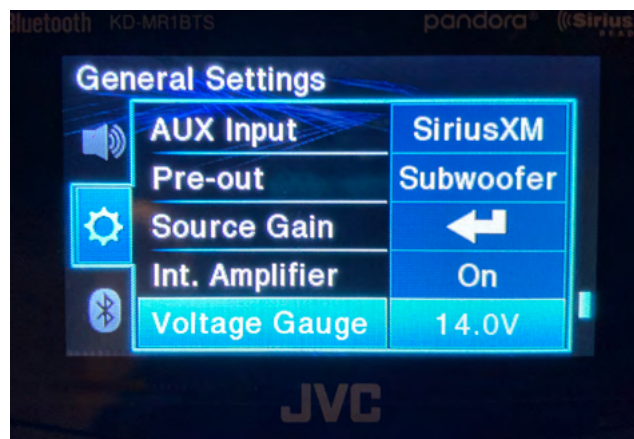
D. Set the unit into the storage pocket location and tighten the M3 screws.



E. Center the trim ring on the MR1 and firmly press down until each side and corners click into place.



The installation of the dash kit panel is complete. Re-assemble the dash. Refer to the JVC manual for further details.



Once the MR1 is powered on, verify the following presets in the General Settings: Pre-out = Subwoofer Int. Amplifier = On

DASH KIT ASSEMBLY PARTS LIST (RZR4)

TOOLS FOR INSTALLATION

- Panel removal tool - Drill -3/32" drill bit - 1-1/8" drill bit - #1 Phillips screwdriver - Scissors

PARTS LIST IMAGES



1. RZ4-DM3 Base Plate



2. RZ4-DM3 Drill Template

DASH KIT ASSEMBLY (RZR4)

INSTALLATION NOTES

JVC MR1 Media Player, trim ring and dash screws included with kit compatible head units not included with RZ4-DMR1. For instructions regarding the headunit, refer to the JVC manual.



A. Place the MR1 unit through the dash kit and thread the provided screws into the mounting bosses on the back of the kit. Install any accessory switches or blank switches at this time.



B. Remove the (2) push pins retaining the upper storage compartment. Once the push pins have been removed, pull the compartment away from the dash.



C. Re-install all factory dash panels. Connect the MR1 and all related accessories.



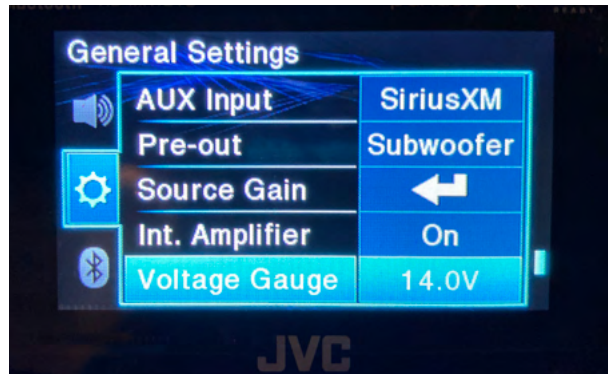
D. Set the unit into the dash starting at the bottom so that the lower tabs on the back hook into the dash.



E. Center the trim ring on the MR1 and firmly press down until each side and corners click into place.

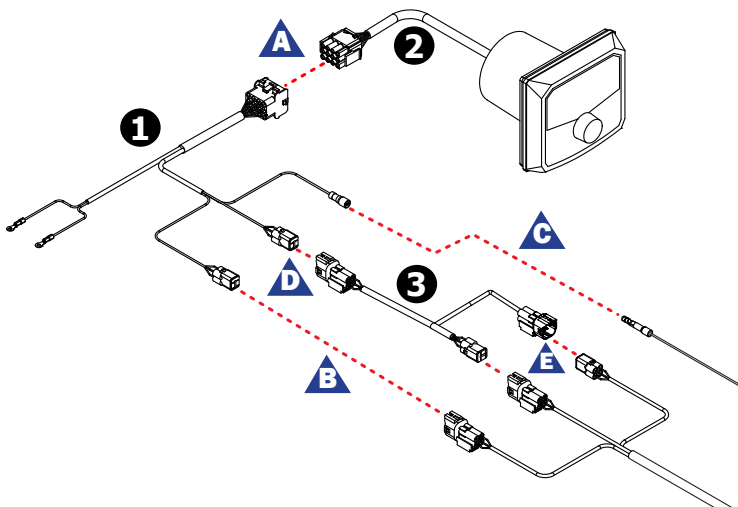


F. Re-insert the (2) factory push pins on top of the MR1 dash mount to complete the installation.



Once the MR1 is powered on, verify the following presets in the General Settings: Pre-out = Subwoofer Int. Amplifier = On

JVC MR1 WIRING DIAGRAM



	Description	Part #
①	JVC Harness Adapter, JVC to SSV	B-H2367
②	JVC MR1 Radio Harness	
③	Amp Power/Ground Harness	B-H2605
④	4-Pin "Y" Audio Splitter	B-H1403

Detail	Description
A	Connect JVC MR1 radio harness to B-H2367
B	Connect B-H2367 Front Output to B-H2605 Front Input
C	Connect B-H2367 Amp Trigger to B-H2605
D	Connect B-H2367 Rear Output to B-H1403 "Y" Splitter
E	Connect B-H1403 to B-H2605 Rear & Sub Inputs

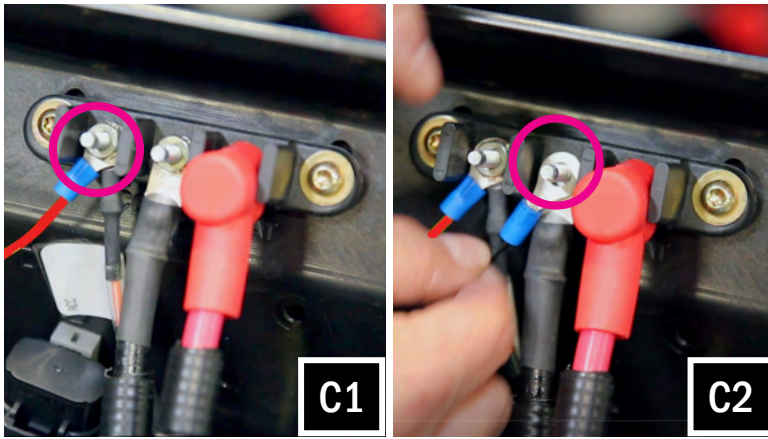
JVC MR1 POWER CONNECTION



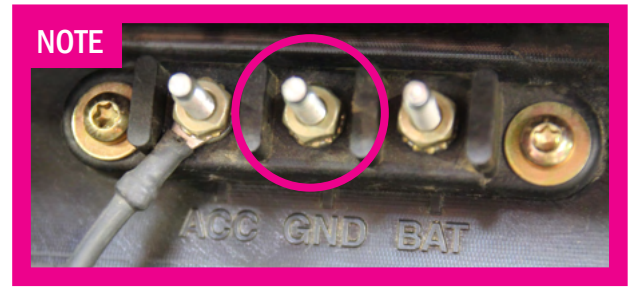
A. Unwrap the tape and pull the rubber wire grommet out of the firewall.



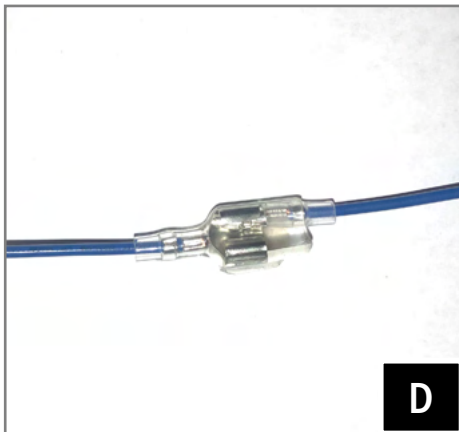
B. Pull the B-H2367 (JVC to SSV harness adapter) POWER and GROUND wires through the rubber grommet and feed through the hole in the firewall to the power strip located on the opposite side of the firewall.



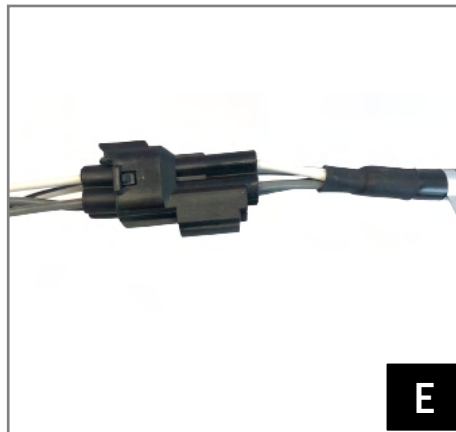
C. From under the hood, against the top firewall, unscrew the nut on the first position terminal (12v accessory) and attach the red POWER wire. Refasten on the nut (C1). Then unscrew the nut on the second position terminal and attach the black GROUND wire. Re-screw on the nut (C2).



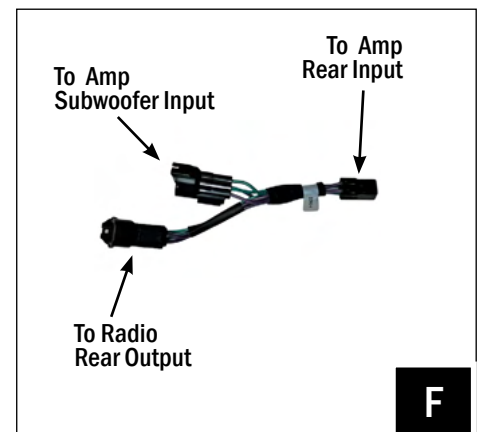
Some RZR models come with the ground "GND" terminal not connected as shown. If you do not have a factory wiring going to this terminal, add a ground wire from the "GND" terminal to the frame before connecting the wires. We recommend removing the paint to bare metal, using a star washer, and repainting over the connection.



D. Connect the blue "AMP TURN-ON" from the MR1 power harness, to the blue, "AMP TURN-ON" on the B-H2605 amp harness.



E. Connect the front (white/gray) output from the MR1 power harness to the front input of the 8005 amp.



F. Use the B-H1403 "Y" harness to split the rear output of the MR1 to the rear and subwoofer inputs of the 8005 amp.

RGB LED CONTROLLER COMMAND CENTER PARTS LIST

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PARTS LIST IMAGES



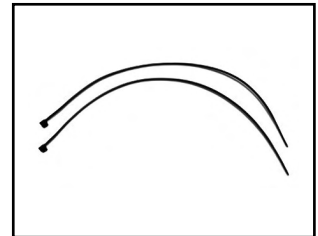
1. LIT-CC, 3 Output, RGB LED Controller Command Center



2. LIT-CC RGB LED Controller Rocker Switch



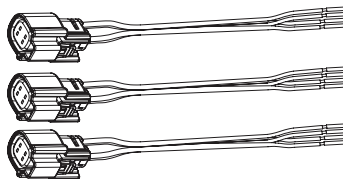
3. Power Pigtail



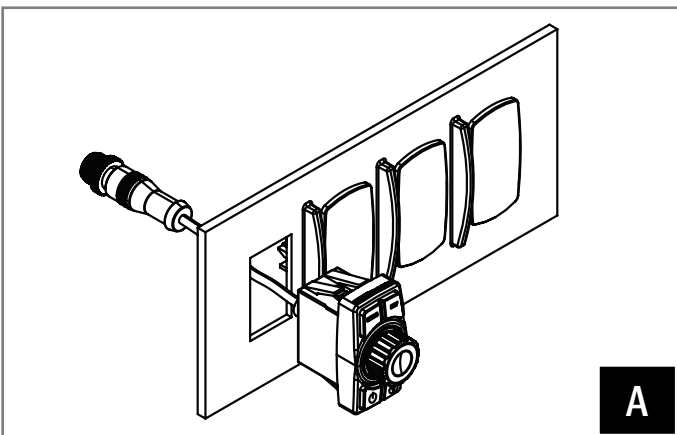
4. Zip Ties (x2)

NOTE:

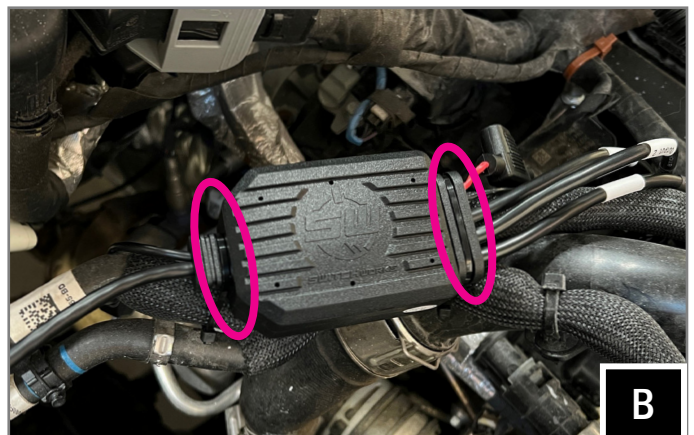
Included Universal Controller Pigtails are NOT used in this installation.



RGB LED CONTROLLER COMMAND CENTER INSTALLATION



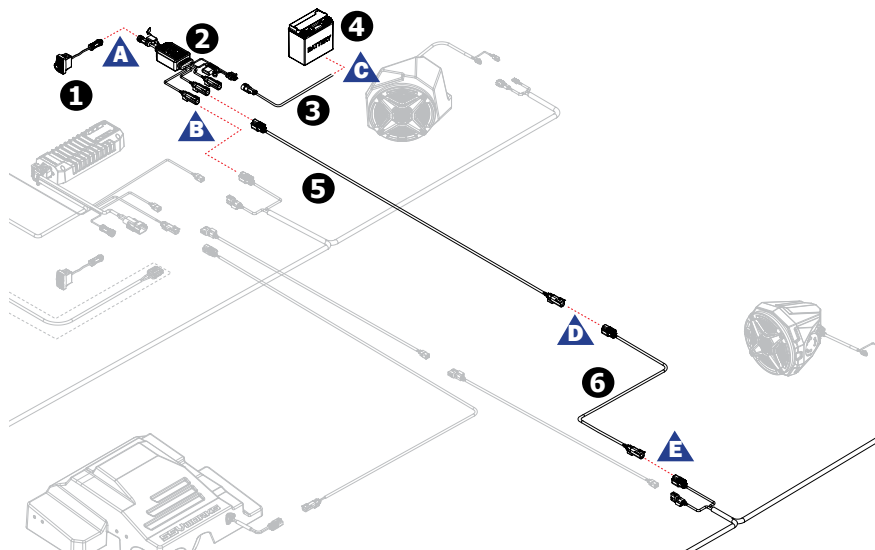
A. Install the LIT-CC RGB LED Controller Rocker Switch in an unoccupied rocker switch opening.



B. Mount the LIT-CC RGB LED Controller Command Center in the dash away from moving parts and secure with zip ties.

NOTE: Refer to the 230-LIT-CC User Guide for detailed operation instructions.

RGB LED CONTROLLER COMMAND CENTER WIRING DIAGRAM



	Description	Part #
①	RGB LED Controller Rocker Switch for LIT-CC	B-H2367
②	LIT-CC RGB LED Controller Command Center	230-LIT-CC
③	LIT-CC Power Harness	
④	Battery	
⑤	RGB Extension, 8 ft.	B-H2933
⑥	RGB Extension, 2 ft.	B-H2934

Detail	Description
A	Connect RGB LED Rocker Switch to LIT-CC
B	Connect Outputs to Front Speaker and Rear Extension Harnesses
C	Connect LIT-CC Power Harness to Battery or ACC
D	Connect RGB Extension B-H2933 to B-H2934 (for 4 door models)
E	Connect RGB Extension B-H2934 to RGB Rear Speaker Harness B-H2936

GLOVEBOX SUBWOOFER ENCLOSURE PARTS LIST (All Models)

TOOLS NEEDED FOR INSTALLATION

- 10mm & 8mm Socket	- T-30 & T-40 Torx Driver	- #2 Phillips Screwdriver	- Wire Crimpers
- Ratchet & Extension	- #3 Phillips Screwdriver	- Panel removal tool	- Wire Strippers

PARTS LIST IMAGES



1. RZ4-GB10 Enclosure
(door not included)



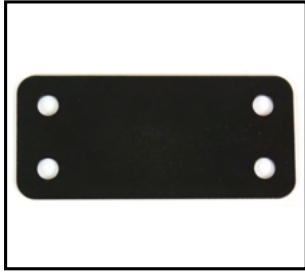
2. 8mm Socket Head Screws &
Washers x14



3. Glove Box Door Bracket



4. Lower Mounting Bracket
with #14 Screw x1 each



5. Flat Mounting Bracket "A"



6. Mounting Bracket "B"



7. Left & Right Door Hinge Brackets



8. M6 x 8mm (T30 torx) Screw x2

GLOVEBOX SUBWOOFER ENCLOSURE ASSEMBLY (All Models)



A

A. Using (4) 8mm screws and washers, attach Bracket "B" to the enclosure.

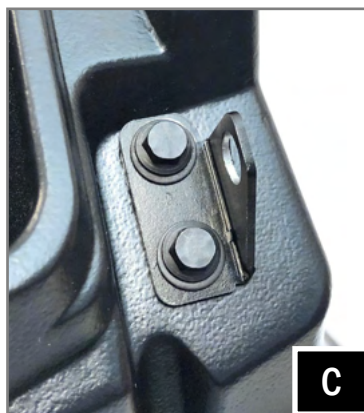


B

B. Install door latch onto enclosure with the provided (2) T30 M6x8mm screws.



C



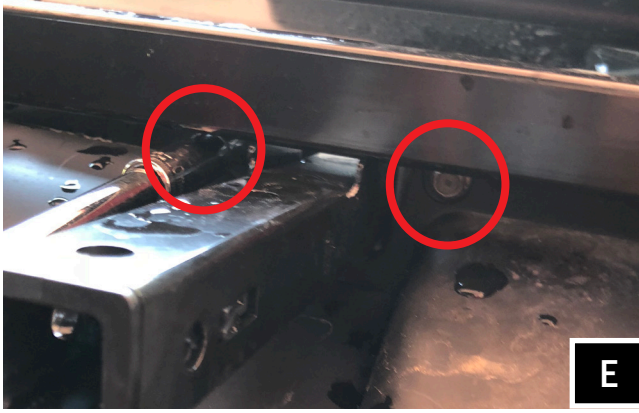
C

C. Install left and right door hinge brackets using (2) 8mm screws and washers for each side.

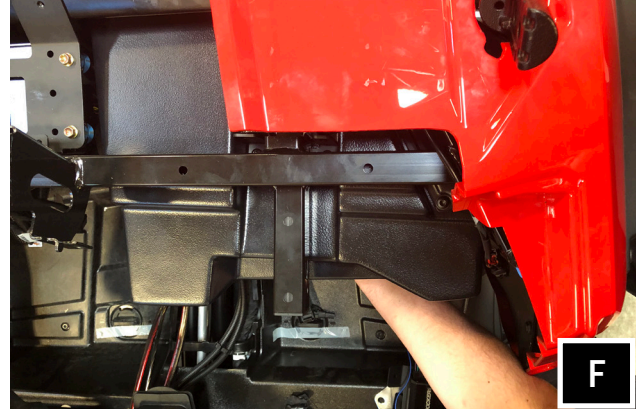


D

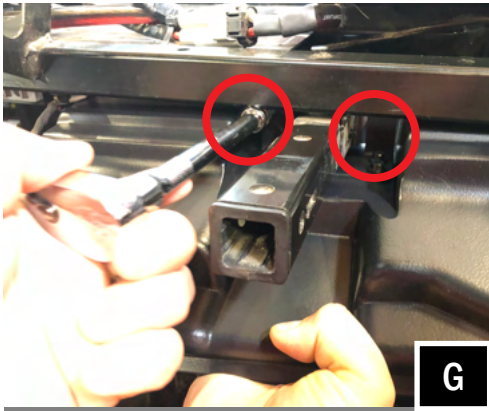
D. Install lower mounting bracket onto enclosure with the provided (2) 8mm screws and washers.



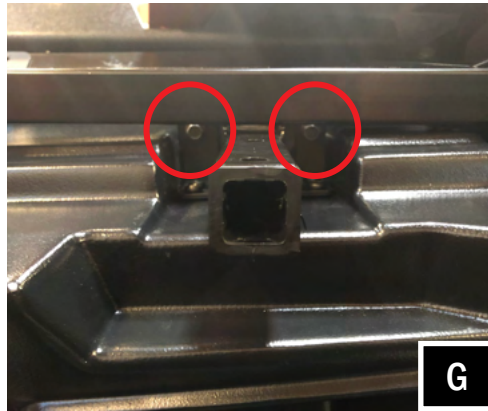
E. With the dash removed, extract the (2) 10mm bolts retaining the glovebox and remove the glovebox.



F. Lift the enclosure into place and line up the mounting screw holes.



G. Using the factory glove box mounting hardware, fasten the enclosure into place. Pull sub enclosure wiring towards the center of the vehicle to avoid being pinched by the chassis.



H. Place Bracket "A" into place towards the firewall, and fasten it into place with the (4) 8mm socket head screws and washers provided with the kit.

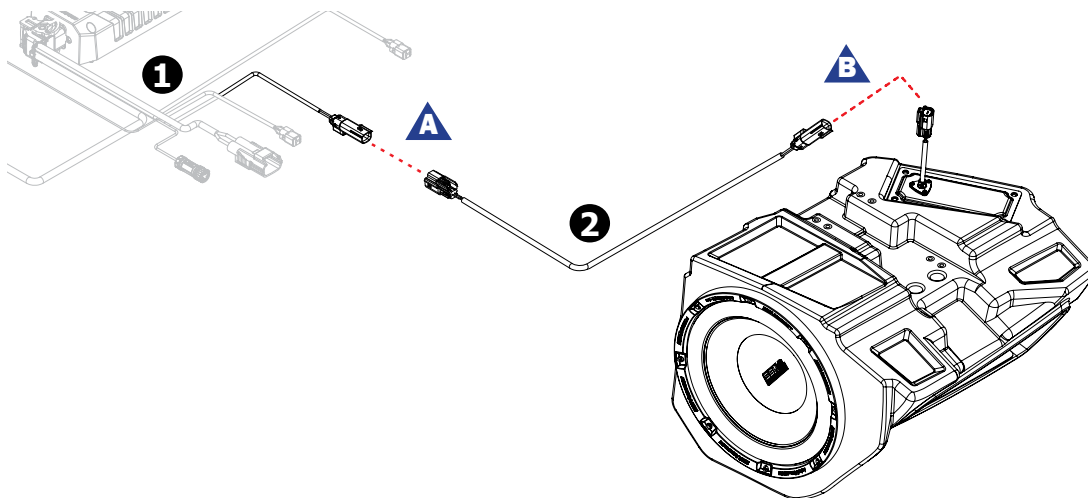


I. Fasten the provided #14 screw to secure the enclosure lower mounting bracket. (RZ4 ONLY)



J. Attach the factory glovebox door.

SUBWOOFER WIRING DIAGRAM (All Models)



	Description	Part #
1	800.5 Amplifier 32-Pin Universal Harness	B-H2605
2	2-Pin Audio, Sub Extension Harness	B-H2702

Detail	Description
A	Connect Subwoofer Output from B-H2605 to B-H2702
B	Connect B-H2702 directly to the Subwoofer

FRONT KICK PODS PARTS LIST (All Models)

TOOLS NEEDED FOR INSTALLATION	- T-40 Torx Driver	- #2 Phillips Screwdriver
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PARTS LIST IMAGES

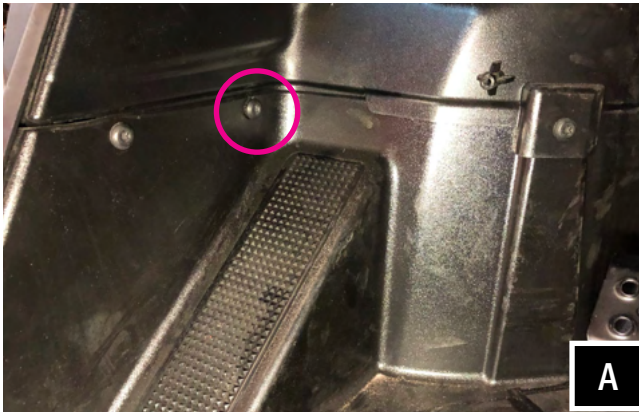


1. RZ4-F65K Enclosures
(1 pair)



2. #14 Screws x4

FRONT KICK PODS ASSEMBLY (All Models)



A. Starting at driver side footwell, remove the factory T40 torx screw as shown. Save this screw for Step D.



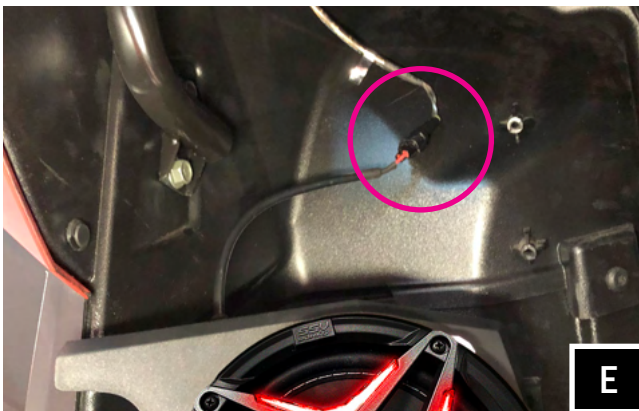
B. Place the driver kick pod into location so that both vehicle screw bosses line up with kick pod brackets.



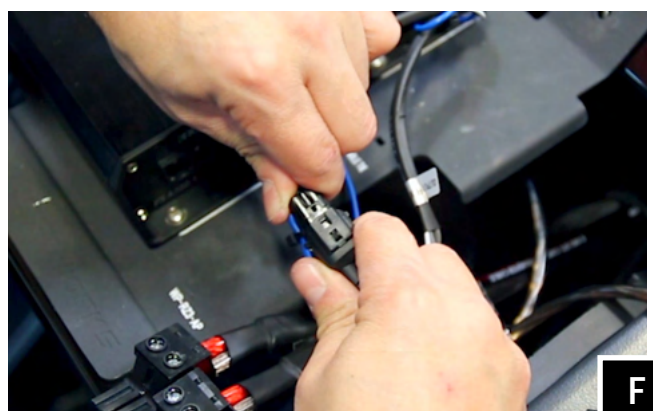
C. Using (x2) #14 screw loosely secure the kick pod to the factory screw bosses.



D. Re-use the factory T40 torx screw previously removed in Step A to loosely bolt through the lower kick pod bracket to vehicle panel. Once all three screws are in place go back and re-tighten.

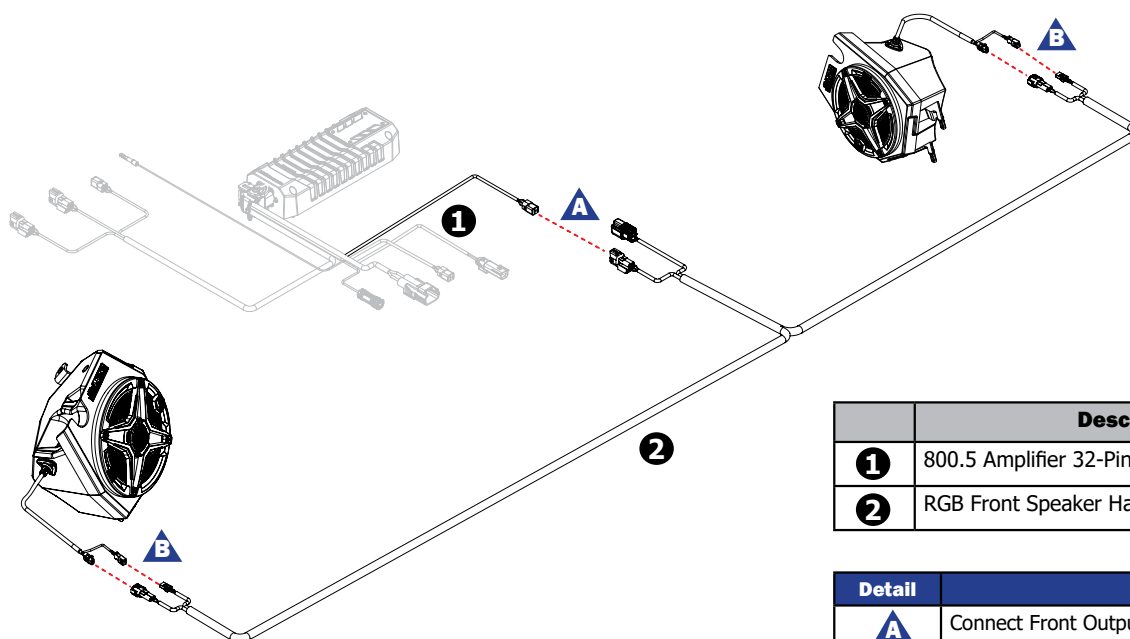


E. Connect the B-H2935 cable to the speaker pod and zip tie all cables to the frame.



F. Connect the B-H2935 speaker harness to the amplifier front output (white/grey).

FRONT RGB LED KICK PANELS WIRING DIAGRAM



	Description	Part #
1	800.5 Amplifier 32-Pin Universal Harness	B-H2605
2	RGB Front Speaker Harness, 4 ft.	B-H2935

Detail	Description
A	Connect Front Output from B-H2605 to B-H1909
B	Connect Speaker Pods connectors to B-H2935

RGB LED REAR CAGE POD PARTS LIST

TOOLS NEEDED FOR INSTALLATION

- 5mm Allen Key - 8mm Open End Wrench

Placement of the pod depends on what type of roll cage you have (factory or aftermarket) and your preference of where you want the pods to be installed. In these instructions, we have installed them on the outside vertical bars at the back of the roll cage.

PARTS LIST IMAGES



1. USL-C65V Enclosures (1 pair)



2. Dual Mounting Ring Adapter x 2



3. Ring Clamp x 4



4. Rear B-H2936 RGB LED Speaker Harness



5. M6 Hex Head Bolts & Washers x4



6. M6 Allen Socket Head Bolts & Washers x4



7. M6 Set Screws x 4

INSTALLATION NOTES

It is recommended to wrap the bag that the clamps come in around the cage before you slide the clamp onto the cage to prevent scratching.

RGB LED REAR CAGE POD INSTALLATION



A

A. Find the best orientation for the speaker on your bar and screw in the Set Screws in the OPPOSITE holes of where the clamp will install into.



B

B. Loosely install the clamp base to the cage mount pod with the two (2) M6 hex head bolts and washers, place the cage mount pod in the desired mounting location on the vehicle. Once the ring adapter is in the desired position, tighten the two (2) bolts using a 8mm open wrench.



C



C



C. Place both ring mounting clamps on the cage using the plastic bag to prevent scratching, place the cage mount pod in its final mounting location and secure to the clamps using the two (2) M6 allen socket head bolts and washers with a 5mm allen key.



D. Position the speaker to your liking and tighten the hex head bolts by hand with a 8mm wrench.



D. Take the B-H2936 RGB LED rear speaker harness and plug into the B-H1913 & B-H1912 rear extension harness.

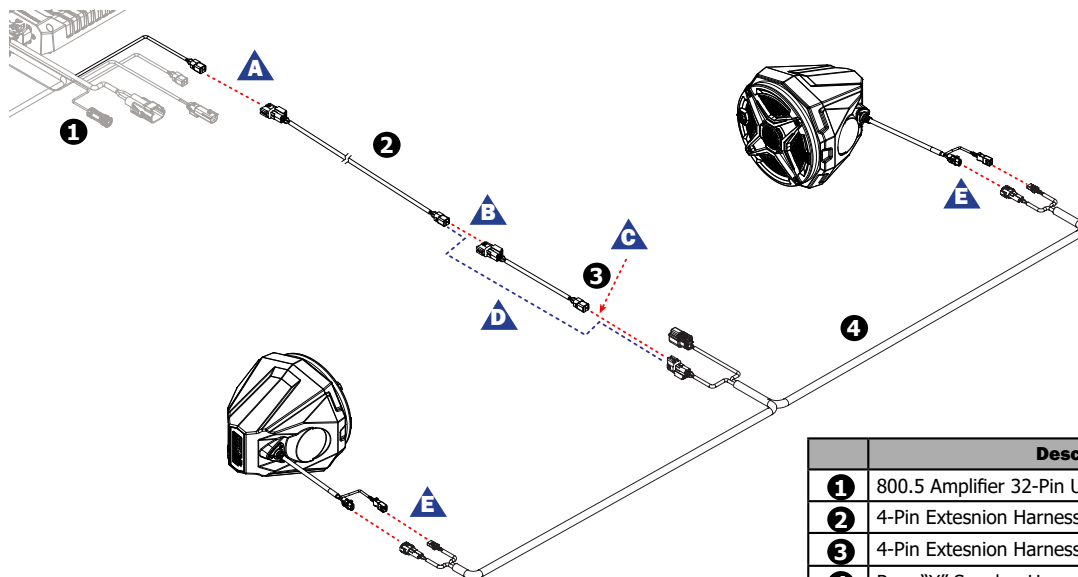


E. Route the RGB LED rear speaker harness (B-H2936) along the factory wires in the engine compartment and pull up through the small space between the bed panel and cage tubing on both passenger and driver sides.



F. Route the speaker wire away from any moving parts and any sharp metal, then connect to the amplifier

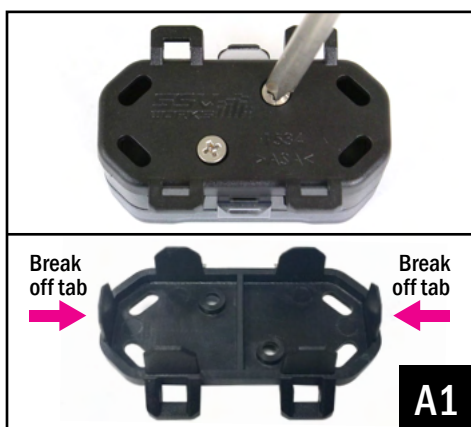
RGB LED REAR CAGE PODS WIRING DIAGRAM



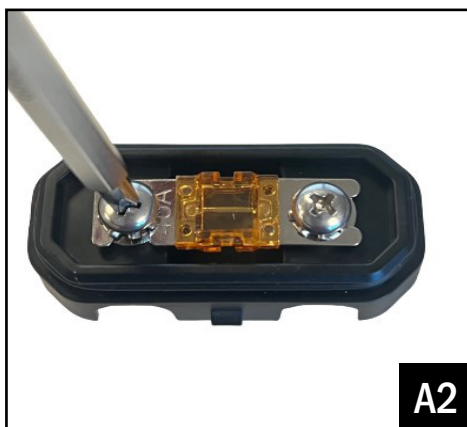
	Description	Part #
1	800.5 Amplifier 32-Pin Universal Harness	B-H2605
2	4-Pin Extension Harness, 8 ft.	B-H1913
3	4-Pin Extension Harness, 2 ft. (for 4 door models)	B-H1912
4	Rear "Y" Speaker Harness, 7 ft.	B-H2195

Detail	Description
A	Connect B-H2605 to B-H1913
B	Connect B-H1913 to B-H1912 (for 4 door models)
C	Connect B-H1913 to B-H2195 (for 4 door models)
D	Connect B-H1913 to B-H2195 (for 2 door models)
E	Connect B-H2936 to the Left and Right Cage Pods

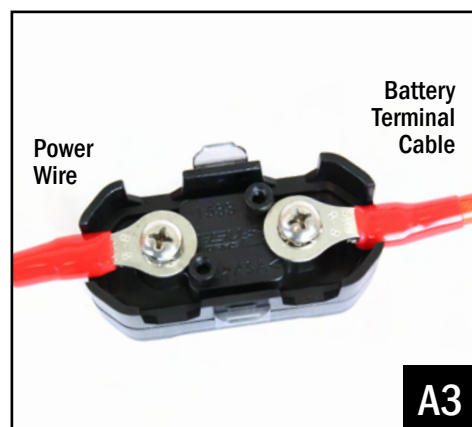
CONNECTING POWER & GROUND CABLE TO BATTERY



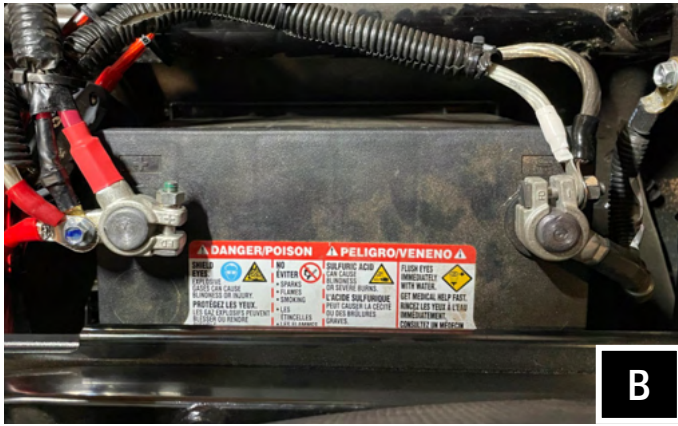
A1. Remove the bottom cover of the fuse holder by extracting the 2 screws. Break off the right and left side tabs on the bottom cover.



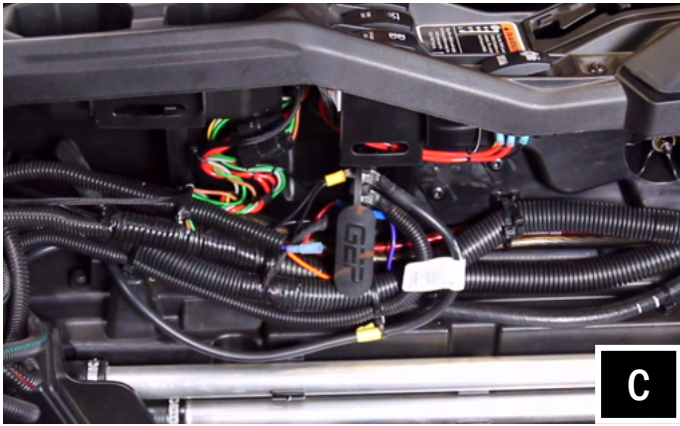
A2. Extract both fuse holder screws and fasten the fuse.



A3. Attach both the Power Wire and Battery Terminal Cable to the fuse holder. Reattach the bottom cover.

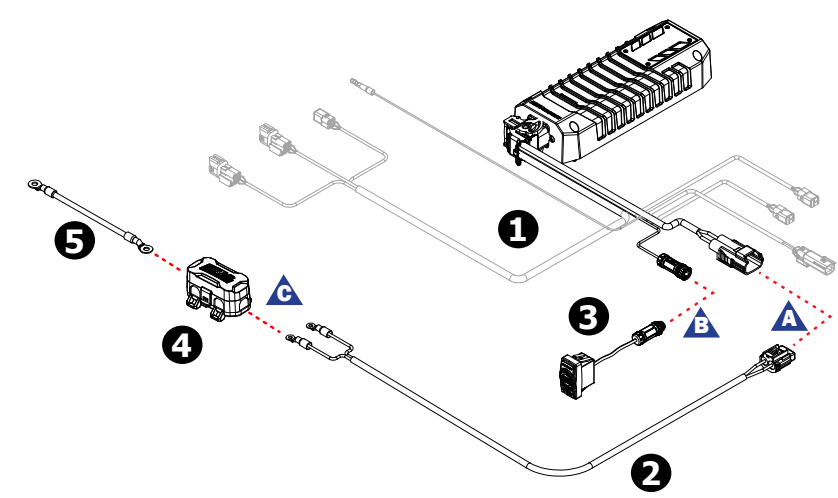


B. Connect the power and ground wires to the battery.



C. Zip tie all of the electrical cabling (factory and audio) along the center column away from the drive shaft.

AMP WIRING DIAGRAM



	Description	Part #
1	800.5 Amplifier 32-Pin Universal Harness	B-H2605
2	Amp Power/Ground Harness	B-H1587
3	Rock & Ride Rocker Switch	
4	Fuseholder	
5	Battery Terminal Cable	

Detail	Description
A	Connect B-H2605 (power/ground) to B-H1587
B	Connect Rock & Ride rocker switch to "Ext. Switch"
C	Install fuseholder between B-H1587 & battery terminal cable. Connect ground ring terminal to chassis ground.

THIS CONCLUDES THE INSTALLATION PROCESS. REPLACE THE FACTORY PANELS AND SEATS. QUESTIONS? PLEASE CONTACT SSV WORKS AT 818-991-1778 OR EMAIL SUPPORT@SSVWORKS.COM



THANK YOU!

We are committed to your satisfaction and we know you will enjoy our products. If you have questions or need any assistance, please let us know.

  **SSVWORKS.COM**
 **1-818-991-1778 EXT 2**
 **SUPPORT@SSVWORKS.COM**

Returns must be made within 30 days of purchase date. Claims for missing items or items damaged in transit must be received within five business days of receipt of merchandise. All returns must be in original packaging and in re-sellable condition. Shipping fees are not refundable.