SSV WORKS

RZ5-PHZ5V
2020-2024 Polaris RZR Pro
Phase-5 V-Spec 5 Speaker
1400 Watt System with JVC MR1

RZR Pro XP
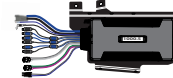
Figure 1

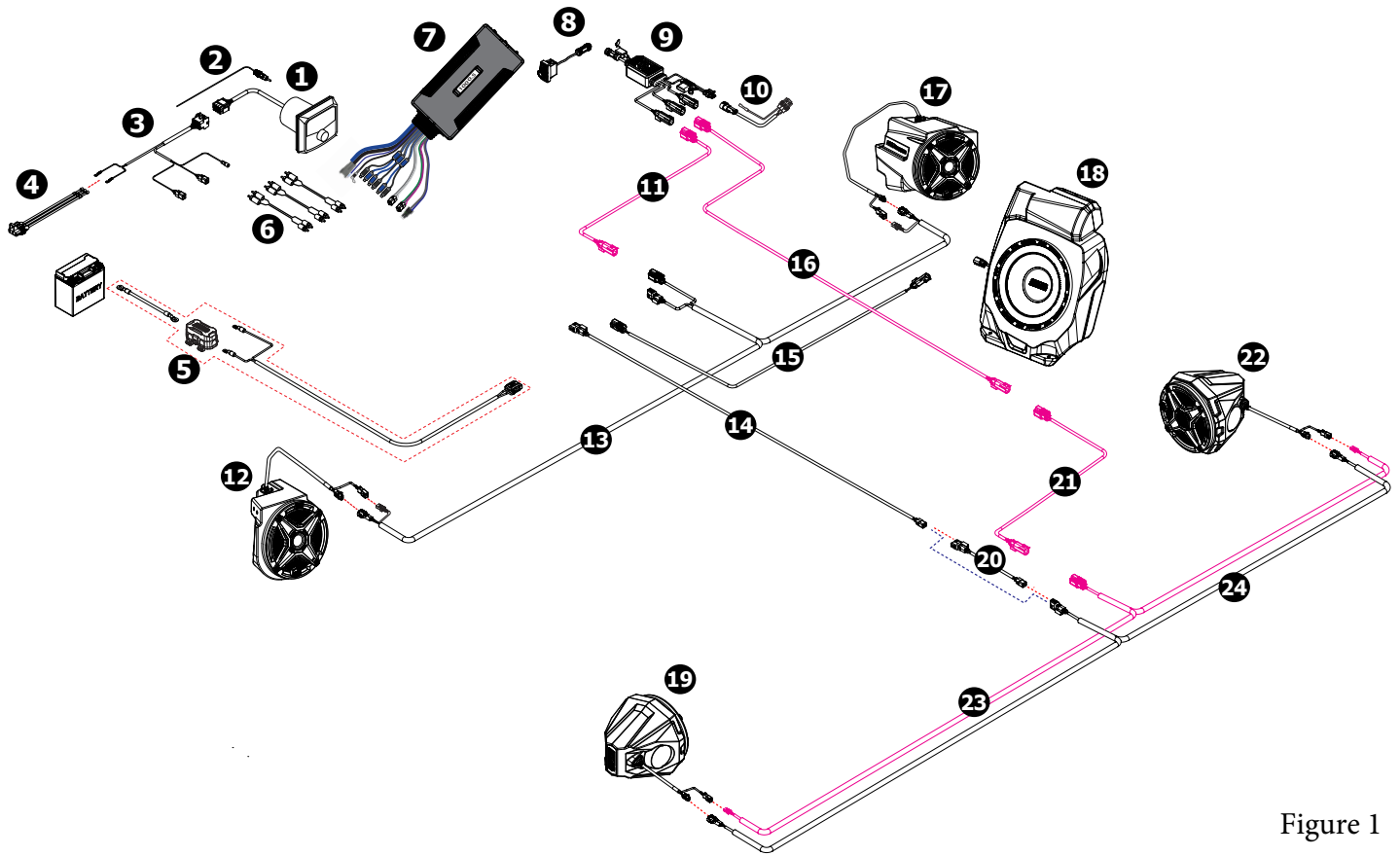Figure 1 is designed to show the installer a reference overview of the complete 5 speaker wiring diagram. Each installation section will have its own detailed wiring diagram.

	Description	Part #
1	Bluetooth Media Receiver w/ 2.7" color display	B-MR1
2	Universal FM Antenna Cable, 55"	B-H1249
3	JVC to SSV Harness Adapter, 3 ft.	B-H2367
4	Pulse Connector Power Harness	B-H1752
5	Amp Wiring Kit Assembly, 10 ft.	A-H1Q
6	RCA Cable, Male to Male, (x3)	B-HRCA3
7	Kicker PXA10005 Amplifier	SD-PXA10005
8	RGB LED Controller Rocker Switch for 230-LIT-CC	230-LIT-CC
9	SWITCH Works RGB LED Controller Command Center	
10	230-LIT-CC Pulse Connector Power Harness	
11	RGB Extension, 2 ft.	B-H2934
12	Front Dash Pod Enclosure, Driver Side	B-RZ5-DF65

|	Description	Part #
13	Driver/Passenger "Y" Speaker Harness	B-H2135
14	4-Pin Extension Harness, 8 ft.	B-H1913
15	2-Pin Audio, Sub Extension Harness	B-H3074
16	RGB Extension, 8 ft.	B-H2933
17	Front Dash Pod Enclosure, Passenger Side	B-RZ5-PF65
18	Loaded Under Dash Sub, 10" 2 ohms	230-RZ5-UD10V
19	6.5" Loaded Cage Pod, Driver	A-C65A
20	4-Pin Extension Harness, 2 ft.	B-H1912
21	RGB Extension, 2 ft.	B-H2934
22	6.5" Loaded Cage Pod, Passenger	A-C65A
23	Rear RGB "Y" Harness, 7 ft.	B-H2936
24	Driver/Passenger "Y" Speaker Harness	B-H2195
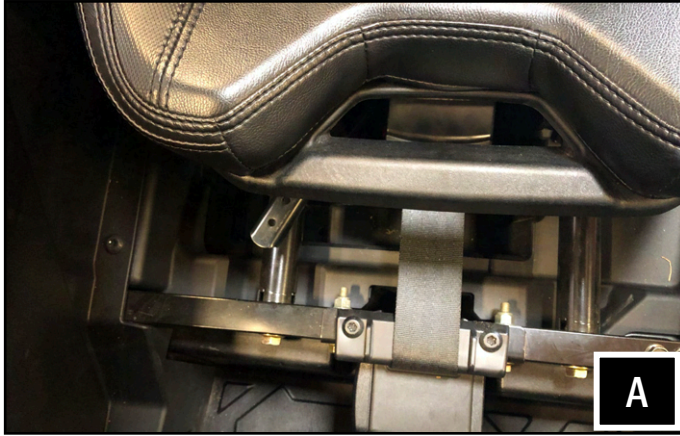
A. Remove all the seats from the vehicle. Compress the release lever located in front of the seat base. With the release lever compressed, tilt the seat forward and remove from the vehicle.
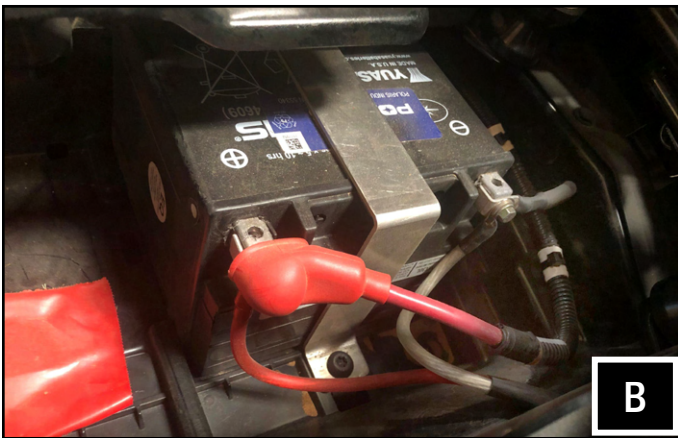
B. Using a 8mm wrench. Disconnect the negative battery cable from the battery.

C. Remove the (2) T40 torx screws and set the hood panel aside.
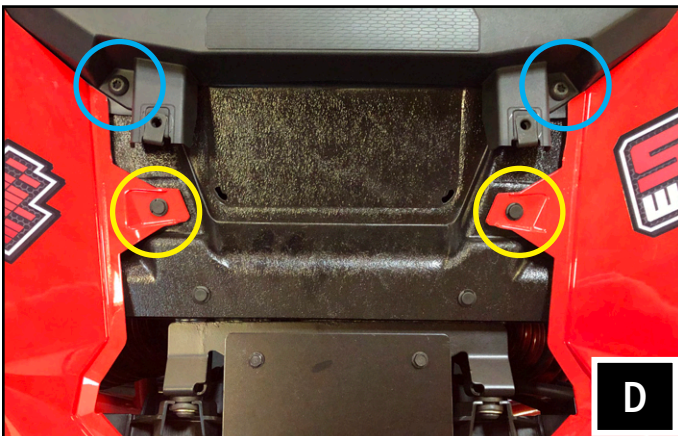
D. Remove the (2) T40 torx screws and (2) push pins with a panel removal tool.

E. Open the top-center dash compartment and lift to remove the compartment tray. We recommend using a panel tool to assist releasing the tray from the compartment. Once the tray is separated from the compartment, pull out the USB cable from the tray, set tray to the side.

F. Use a panel tool to assist with the removal of the (3) trim panels. The blue highlighted points represent the location of the panel clips that are retaining the trim panels to the dash.
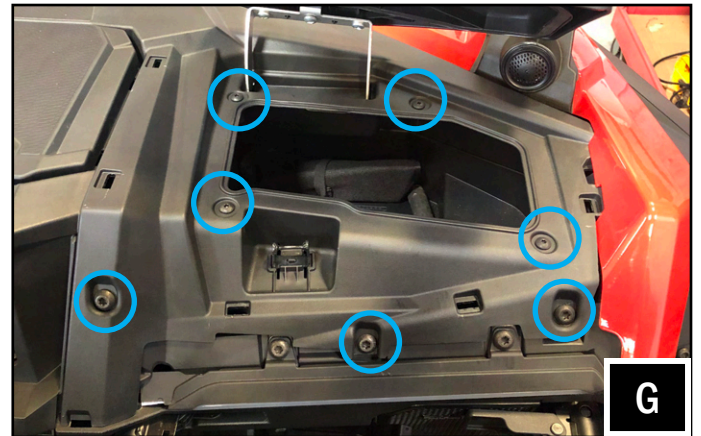
G. Open the glove compartment. Remove the (4) T25 Torx screws and (3) T40 Torx screws.
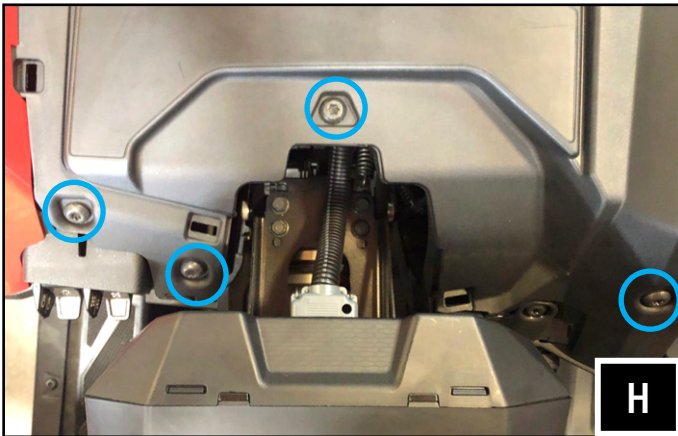
H. Remove the (4) T40 Torx screws that surround the gauge cluster. For ease of access to each screw we recommend adjusting the position of the steering column accordingly.
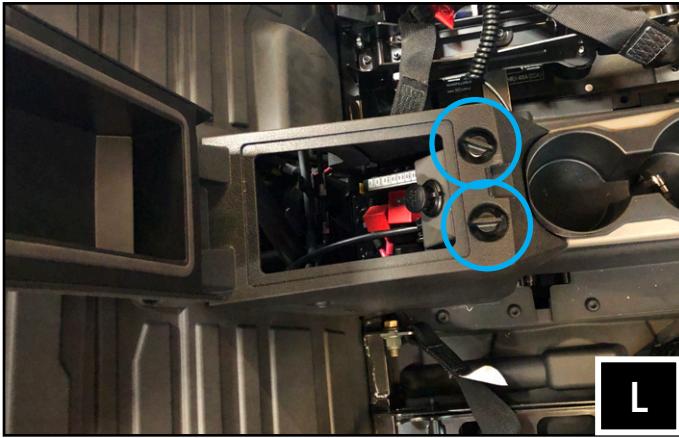

I. Use a panel to aid in lifting the fenders to release the top dash panel.
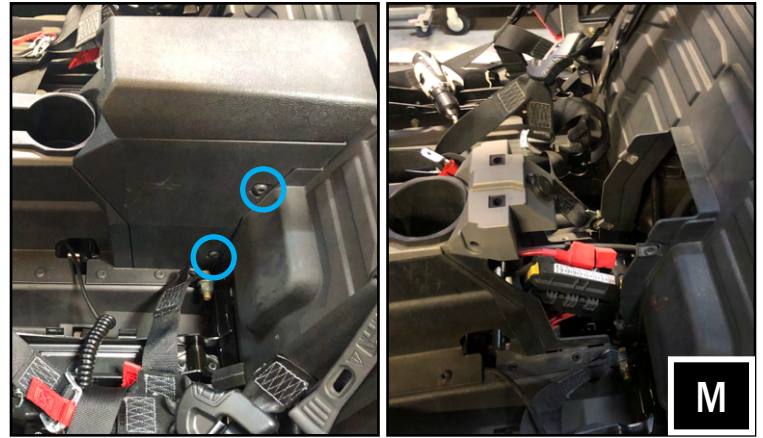

J. Pull dash from the vehicle.

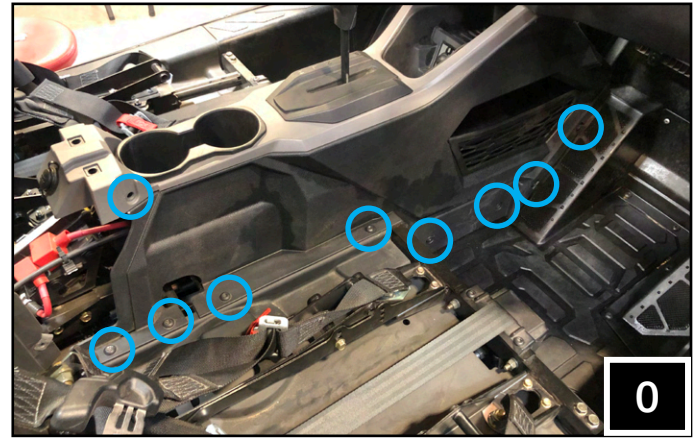K. Lift and remove the glove compartment from the dash cavity.

L. Open the center console and twist to disengage the locking pins and lift out the center console tray.

M. Remove the (2) T40 torx screws from both sides of the center console and lift out the rear portion of the center console.
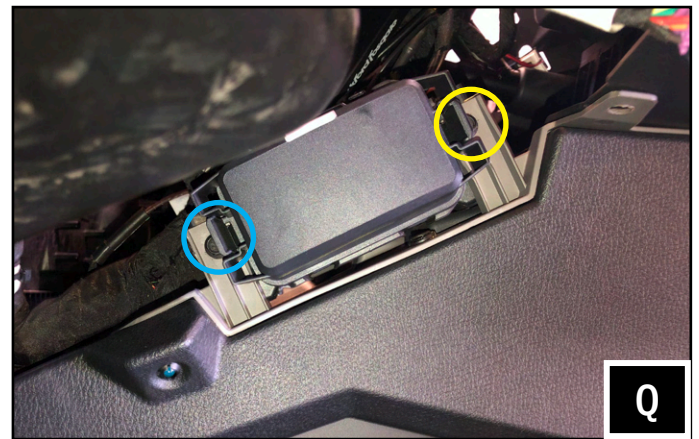

N. Disconnect the 12V socket.

O. Remove the (1) push pin and (8) T40 screws from each side of the remainder of the center console.

P. Remove the (2) push pins that are found on the bottom of the dash towards the center console.

Q. Loosen the 10mm screw on the left of the fuse block (circled in blue) and remove the 10mm screw on the right (circled in yellow). The fuse block is located on the driver side of the center console near the gas pedal.

R. Rotate the fuse block counterclockwise and remove the now exposed push pin.

S. Remove the (2) push pins on the passenger side front of the center console.

T. Lift the shift boot to expose the (1) T40 screw for removal

U. Gently lift center console to release/separate driver and passenger console side panels

V. With the center console separated, unclip the LED from the driver and passenger console side panel. Once the LEDs have been unclipped, remove the driver console side panel from the vehicle.

W. Twist the lock knobs on the rear firewall and remove the firewall.

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 1 year warranty against defects in material or workmanship. All Kicker Speakers are covered by a limited 1 year warranty against defects in material or workmanship. All Kicker Amplifiers are covered by a limited 1 year 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

- Phillips Scew Driver   - 8mm Socket Wrench

Amp Tray (B-A3450) pre-loaded with Kicker 1400 Watt Amp

Body Bracket (B-A3451]

M6 x12 Flanged Head Screw Pack [B-HPM612HH-3]

Amp Power Wire (A-H1Q)

RCA Patch Cable, Male to Male x3 (B-HRCA3)

Front Speaker Harness (B-H2135)

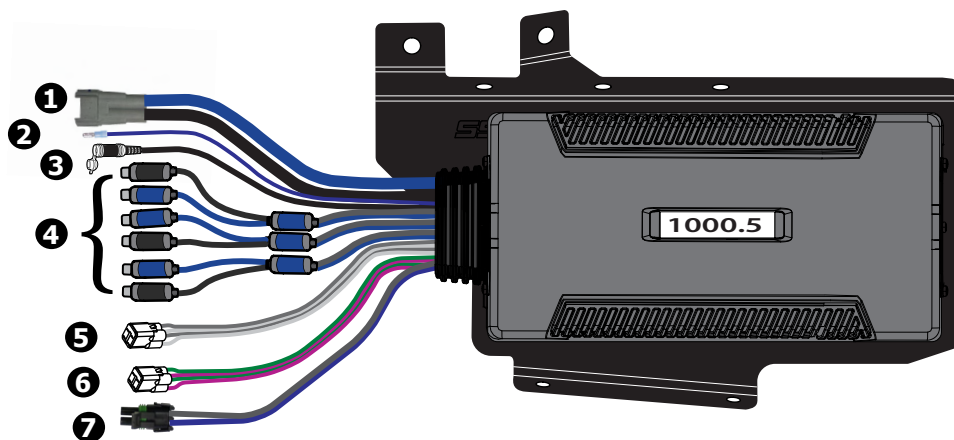**2-Pin Sub Extension (B-H3074)**


Fuse Holder with 40A Fuse

Battery Terminal Cable x2

Zip Ties x 10

1. POWER INPUT - CONNECT TO B-H1587 AMP POWER HARNESS
2. AMP TURN-ON - CONNECT TO JVC MR1 AMP TURN-ON WIRE
3. TO SUBWOOFER BASS LEVEL CONTROLLER 240-PXA-SLC (SOLD SEPARATELY)
4. RCA AUDIO INPUTS (FRONT/REAR/SUB)
4. OUTPUT (FRONT) - CONNECT TO FRONT SPEAKER HARNESS
6. OUTPUT (REAR) - CONNECT TO REAR SPEAKER EXTENSION
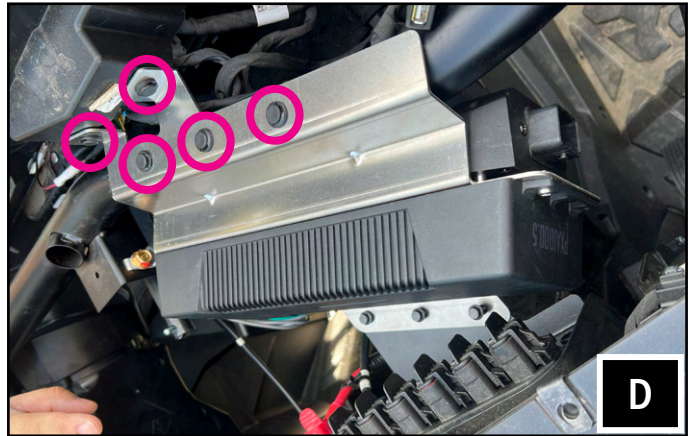7. OUTPUT (SUB)
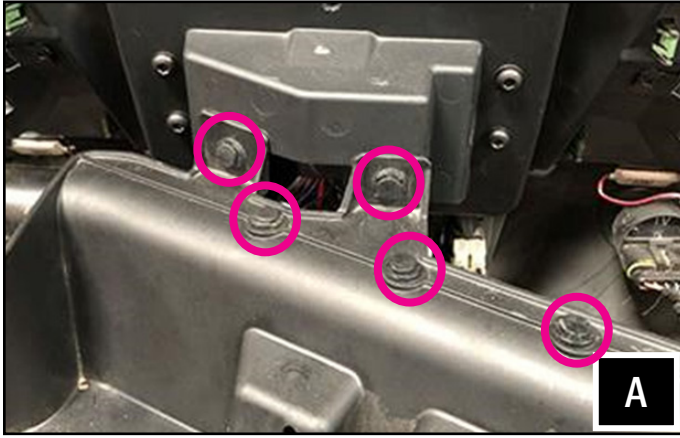
A. Remove the (5) push pins located on the plastic tray in the dash cavity.
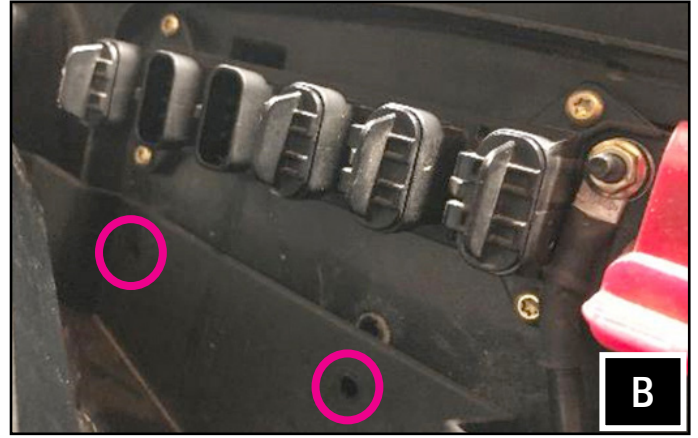
B. Extract (2) T25 screws located at the back of the plastic tray, once extracted remove the plastic tray. Set aside the screws. The plastic tray will not be used in this installation.
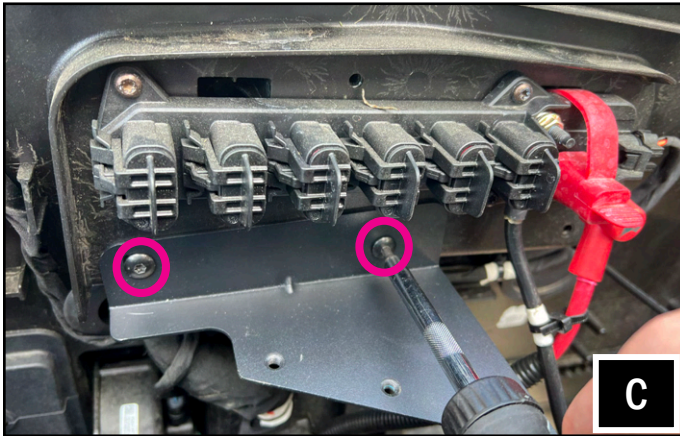
C. Attach the body bracket (B-A3451) under the bus bar using the factory mounting holes and screws.

D. Line up the amp tray with the push pin holes and resuse the factory push pins to secure the amp tray.
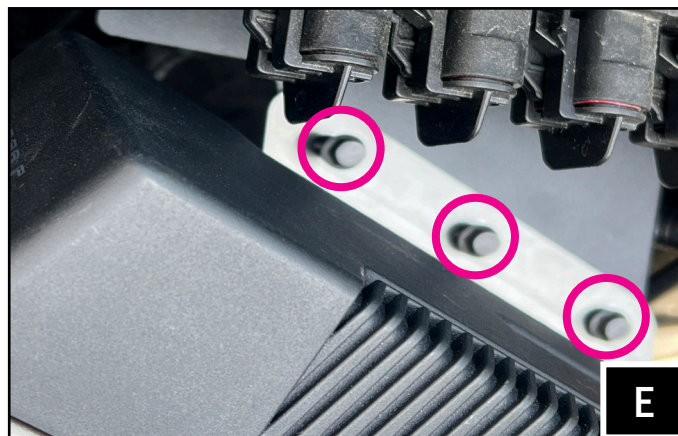
E. Secure the amp tray to the body bracket using the provided M6x12mm screws.

NOTE: Gain adjustment maybe necessary if installing a Kicker Bass Knob (sold separately).

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DASH KIT ASSEMBLY PARTS LIST

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> ⚠ **Please read and understand these instructions completely before installation to avoid possible injury, or damage to the accessory or vehicle.**
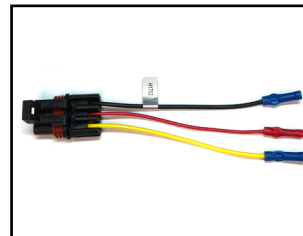
PARTS LIST IMAGES

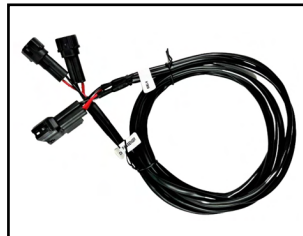JVC MR1 Headunit and Trim Ring

RZ5-R1 Dash Mount Panel

Bus Bar Pulse Connector Harness (B-H1752)

DMR1 Mounting Bracket

M6 x 1.0 Screws & Washers x4 (T-30 torx)

Driver/Pass "Y" Speaker Harness (B-H1909)

MR1 Power Harness (B-H2367)

DASH KIT ASSEMBLY and WIRING

TOOLS NEEDED FOR INSTALLATION

- T25, T30, T40 torx driver   - #2 phillips screwdriver   - Wire cutters/crimpers
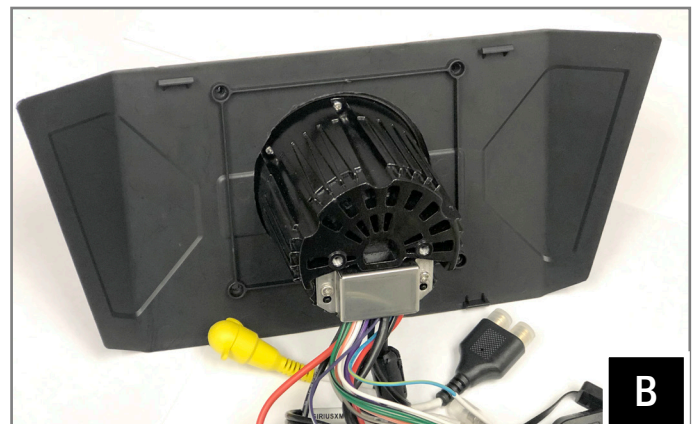
INSTALLATION NOTES

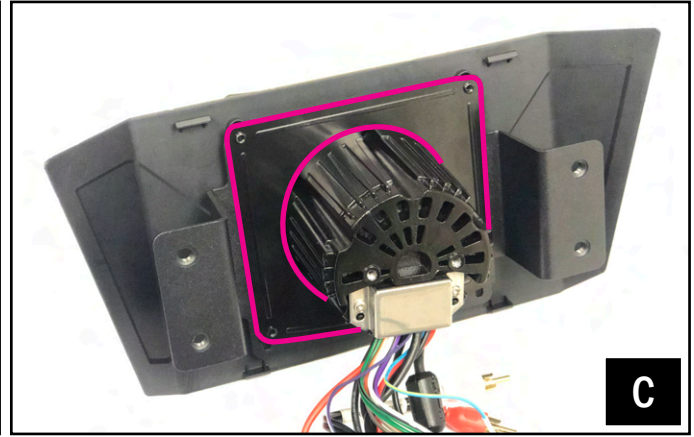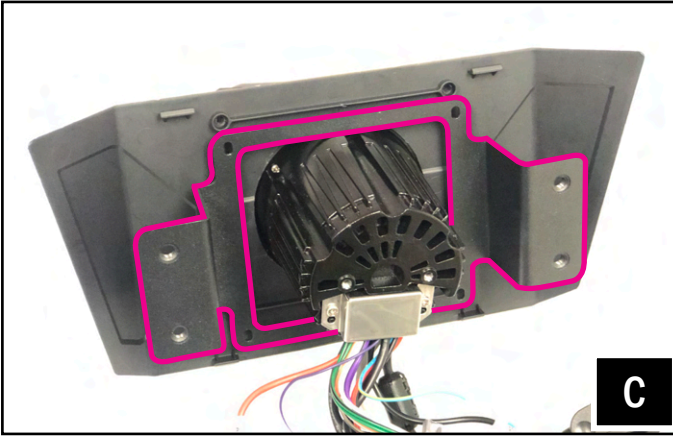For instructions regarding the JVC headunit, refer to the JVC manual.

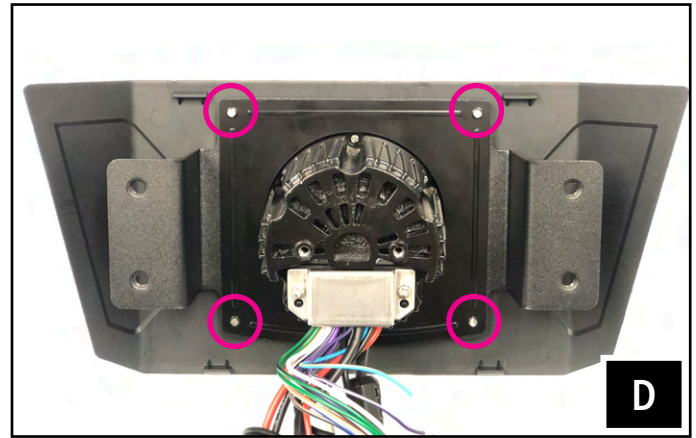**A**

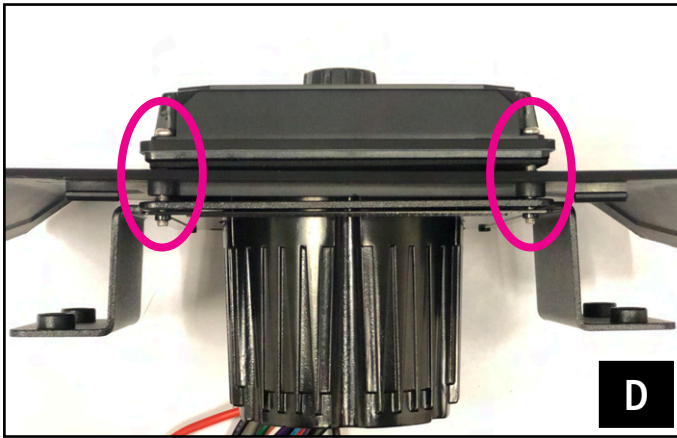A. Use a panel tool to assist in removing the center dash cover panel
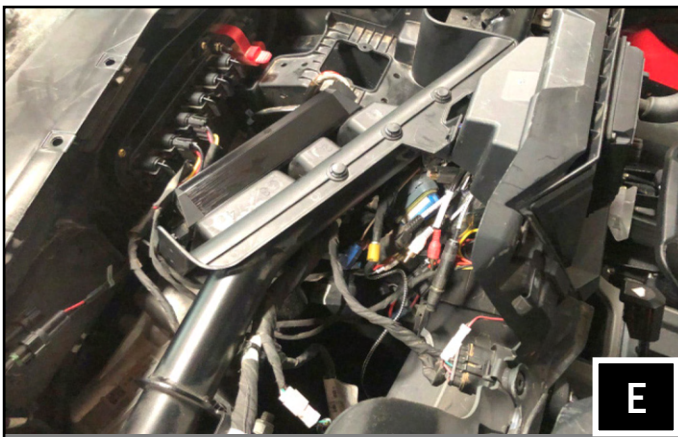
B

B. Place the MR1 through the new RZ5-R1 dash kit panel.

C

C

C. Place the DMR1 mounting bracket over the back of the MR1, followed by the base mounting plate.

D

D

D. Place the (4) dash screws through the MR1, cover panel, DMR1 mounting bracket and thread into the base mounting plate. Do not fully tighten the screws.

E

F

F

E. Route the MR1 Power Harness into the dash. Route the ring terminal end of the MR1 harness to the bus bar. Cut off the ring terminals and strip the wires.
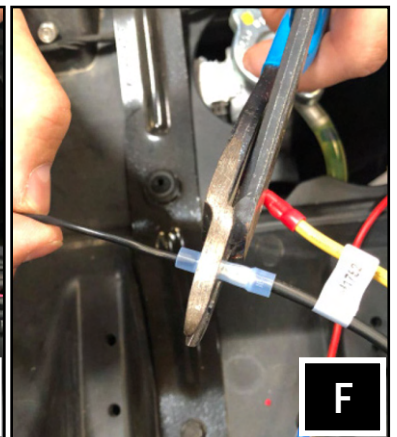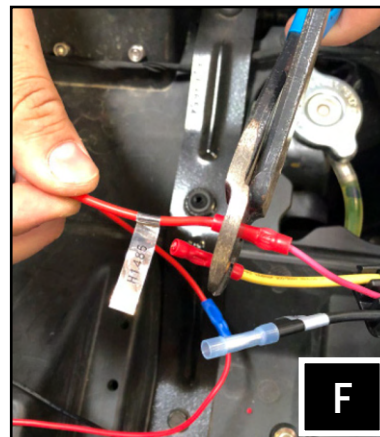
F. Crimp the Red and Black wires to the B-H1752 harness. Crimp Red to Red wires for ACC power. Crimp Red wire to Yellow wire for constant power.
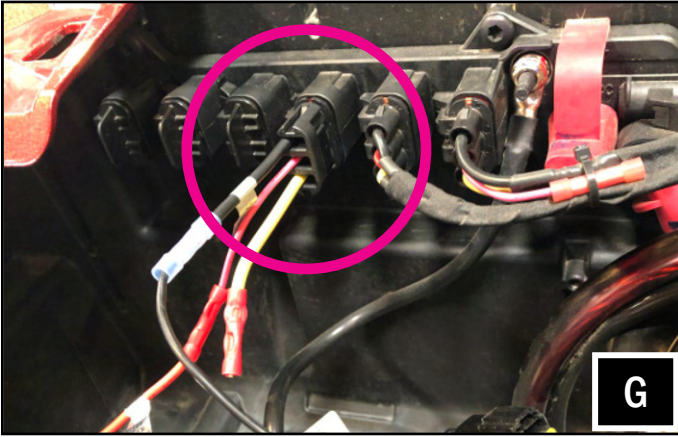
G. Once crimped, remove port cover and plug in to the busbar.

H. Connect the B-HRCA3 (x3) to the JVC Front, Rear and Sub-W Line Out RCAs.

I. Connect the MR1 power harness to the radio harness.
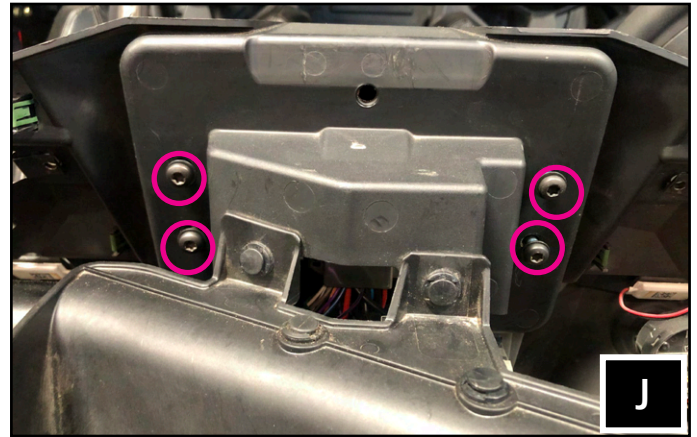
J. From the backside the dash panel, fasten (4) M6 T30 torx screws and washers through the dash and into the DMR1 mounting bracket.
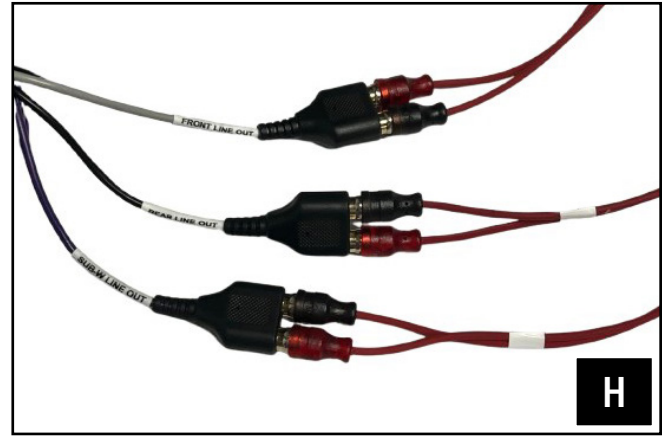

M. Place the assembled RZ5-DMR1 into the dash cavity. It is necessary to angle in one side at a time so that the bracket clears the cavity allowing the dash kit to rest flush. Now complete this step by fully tightening the screws left loose in Step D.

L. Fasten the (4) dash screws center the trim ring on the MR1 and firmly press down until each side and corners click into place. Replace all factory panels.

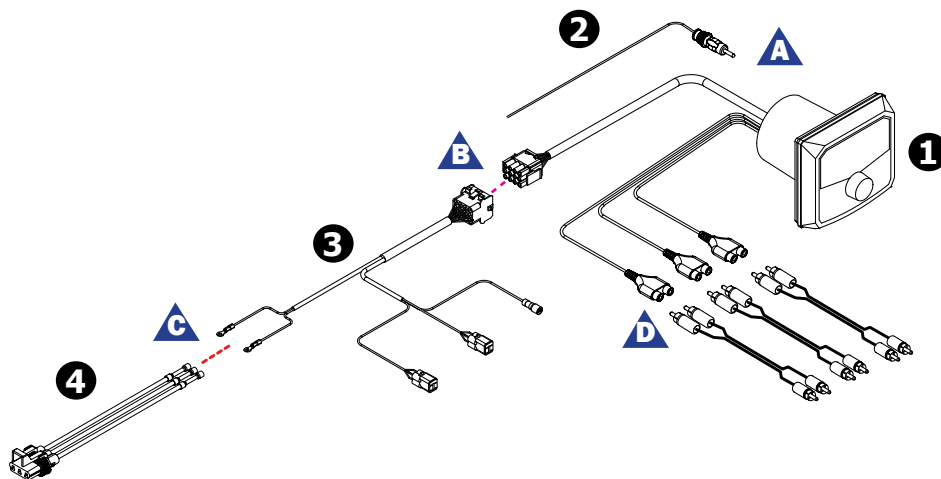|	Description	Part #
❶	JVC MR1 Radio	
❷	Universal FM Antenna, 55"	B-H1249
❸	JVC to SSV Radio Harness Adapter	B-H2367
❹	Pulse Connector Power Harness	B-H1752
❺	RCA Cable, Male to Male, 3 ft. (x3)	B-HRCA3

Detail	Description
A	Plug in B-H1249 Universal FM Cable to the JVC radio
B	Connect JVC MR1 radio harness to B-H2367
C	Crimp B-H2367 to B-H1752. Red to Red for ACC Power and Red to Yellow for Constant Power
D	Plug in B-HRCA3 RCA cables to the Front, Rear and Sub Line Outputs of the JVC radio

RGB LED CONTROLLER COMMAND CENTER PARTS LIST

WARRANTY INFORMATION:
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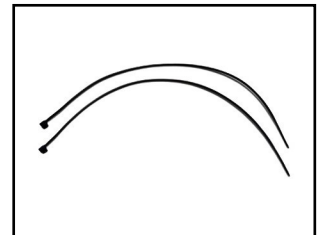
PARTS LIST IMAGES

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:

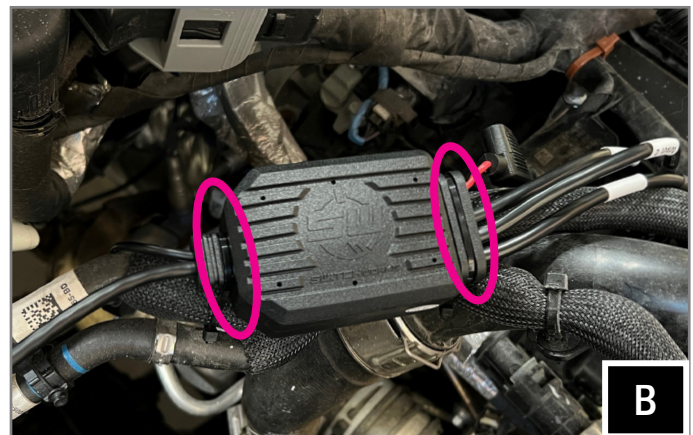Included Universal Controller Pigtails are NOT used in this installation.
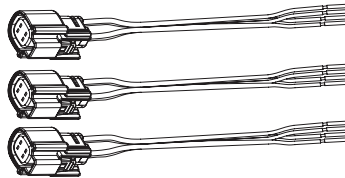
RGB LED CONTROLLER COMMAND CENTER INSTALLATION

A

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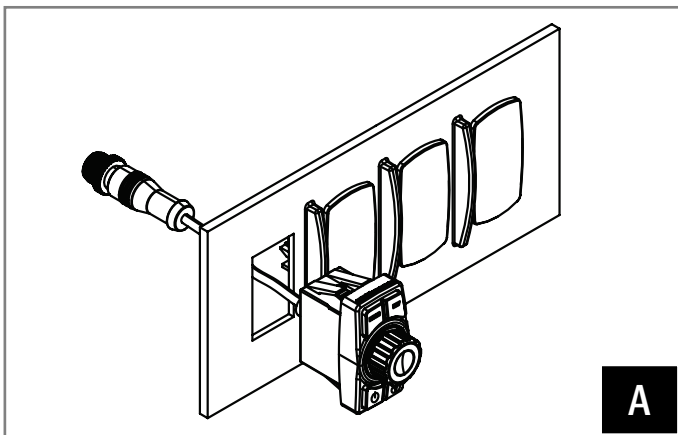
A. Install the LIT-CC RGB LED Controller Rocker Switch in an unoccupied rocker switch opening.

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
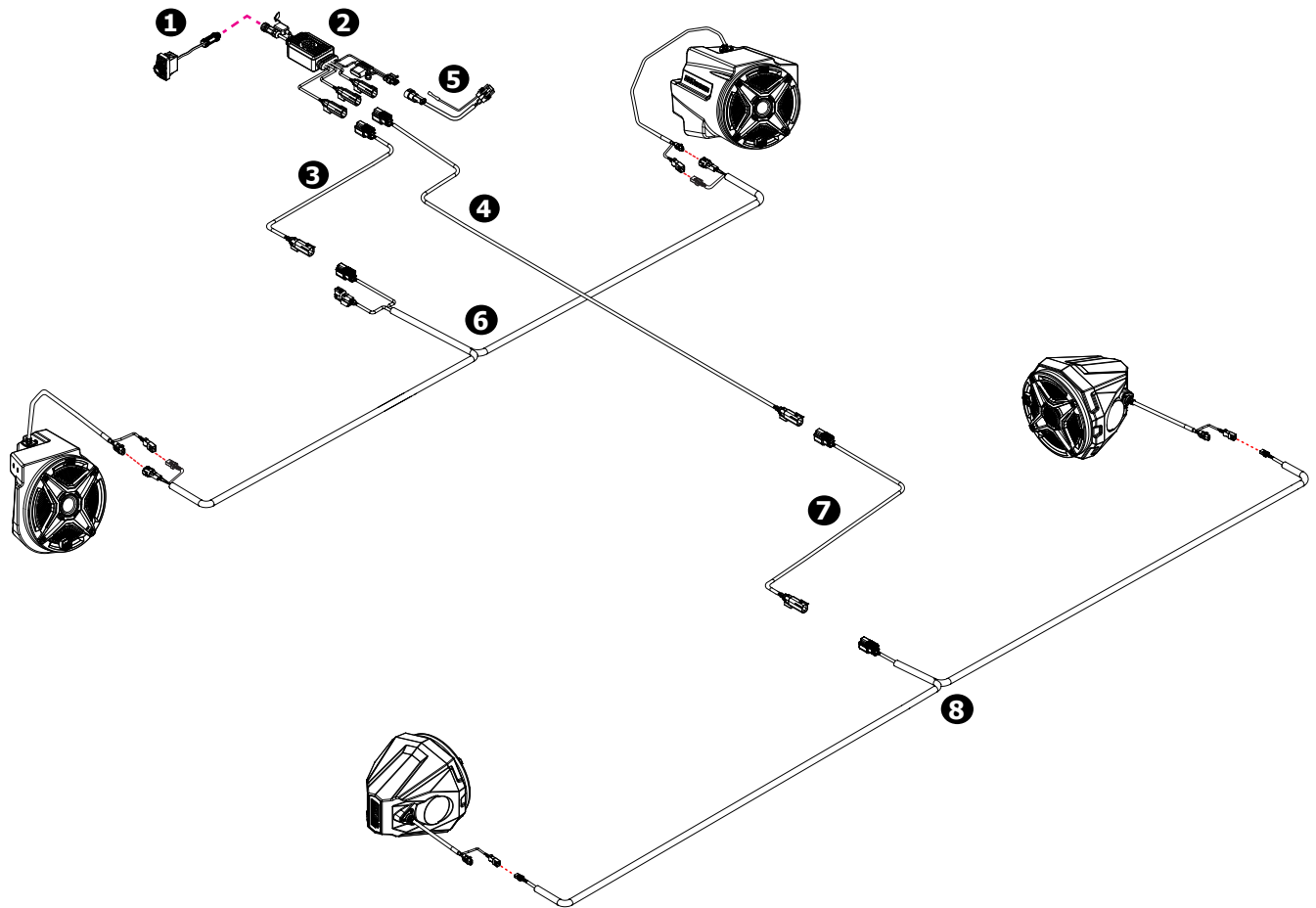
Description		Part #
❶	RGB LED Controller Rocker Switch for 230-LIT-CC	230-LIT-CC
❷	SWITCH Works RGB LED Controller Command Center	
❸	RGB Extension, 2 ft.	B-H2934
❹	RGB Extension, 8 ft.	B-H2934
❺	230-LIT-CC Pulse Connector Power Harness	B-H2744
❻	RGB Front Speaker Harness, 4 ft.	B-H2935
❼	RGB Extension, 2 ft.	B-H2934
❽	Rear RGB "Y" Harness, 7 ft.	B-H2936
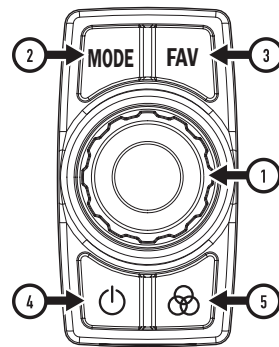
1. Select

2. Mode/Speed

3. Favorite/Preset

4. Power On/Off

5. Color/Brightness

Power On/ Off:
- Press button to power unit on. Press and hold button for 2 sec. to power off. RGB ring around the knob illuminates when powered on.

Output 1 On/Off:
- Quick press power button to turn output 1 on or off.

Mode/Speed:

Mode:
- Quick press Mode button and the Mode Button LED blinks to indicate it is ready to cycle through modes. Turn the knob to cycle through the different modes. Once the correct mode has been identified, quick press the knob to select the mode to write to memory. Mode Button LED will stop blinking.

Speed:
- Press and hold Mode button for 2 sec. LED Ring will flash 3 times and Mode button will blink to indicate it is ready to cycle through speeds. Turn the knob to cycle through the different speeds. Once the correct speed has been identified quick press the knob to select the speed and write to memory. Mode Button LED will stop blinking.

Color/Brightness:

Color:
- Quick press the RGB icon button and the RGB icon LED will flash when ready to adjust. Turn the knob to cycle through the different color options. Once the correct color has been identified quick press the knob to select the color and write to memory. RGB icon LED will stop blinking.

Brightness:
- Press and hold the RGB icon button for 2 sec. The RGB icon LED will flash when ready to adjust. Turn the knob to cycle through the different brightness levels. Once the correct brightness has been identified quick press the knob to select the brightness and write to memory. RGB icon LED will stop blinking.

Favorite Preset:
- Quick press the FAV button to enter the Favorite mode. FAV button will flash when ready to cycle through 2 different presets. LED Ring changes colors to identify which preset is currently selected.

   PRESET 1 = LED GREEN
   PRESET 2 = LED CYAN

- To program your favorites, press and hold the FAV button for 2 seconds. The FAV button will start blinking. The LED ring will show current FAV preset (Green or Cyan). Press Mode button to select mode (Glow, Solid Color, Strobe, etc.); change colors, speed and brightness using their corresponding buttons. Select which FAV to save to (Green or Cyan). Press knob to save Fav. Press knob again to exit programming mode.

UNDER DASH SUBWOOFER ENCLOSURE PARTS LIST

PARTS LIST IMAGES

230-RZ5-UD10V Enclosure

Base Bracket

Clamp Bracket

M6x1.0x12mm x9

5. M6x1.0x40mm x2

6. M6 washers x11

7. M6 Speed Clips x2

UNDER DASH SUBWOOFER ENCLOSURE ASSEMBLY

TOOLS NEEDED FOR INSTALLATION
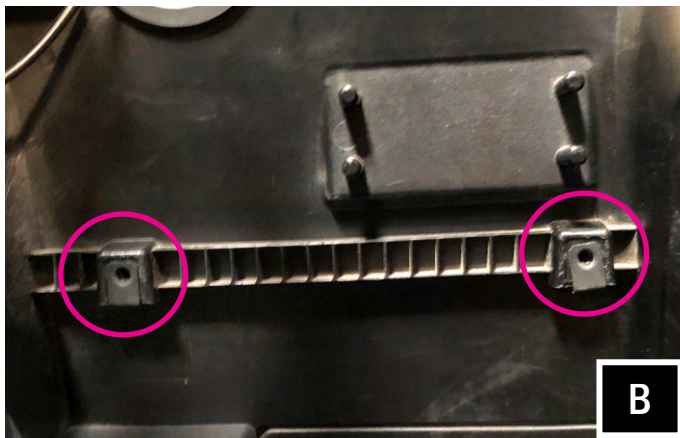
- Torx Driver T25 T30 T40   - Torx Driver T25 T30 T40   - Panel removal tools

A

A

A. Secure the base bracket to the enclosure with (6) M6x1.0x12mm T30 screws and washers.

B. Slip on (2) M6 speed clips onto the specified locations of the firewall.
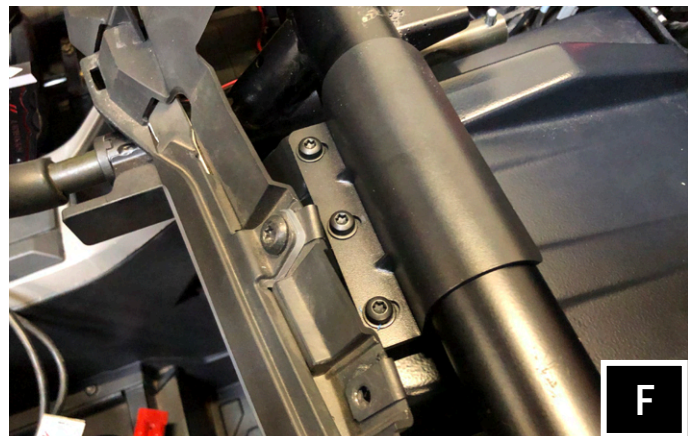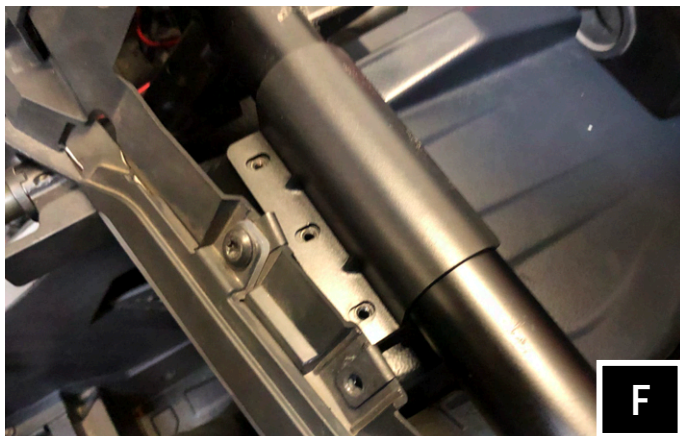

C. From the Passenger footwell, lift the 230-RZ5-UD10V into the dash cavity.

D. The top of the enclosure will tuck under the chassis cross bar. The bottom of the enclosure will rest above this edge of the firewall.


E. Apply force to the bottom of the enclosure to swing it into place. Once it is in place the lower mounting points will be in-line with the (2) M6 clip nuts.

F. Place the clamp bracket over the chassis and base mounting bracket. Secure the clamp bracket to the base bracket with (3) M6x1.0x12mm T30 screws and washers.
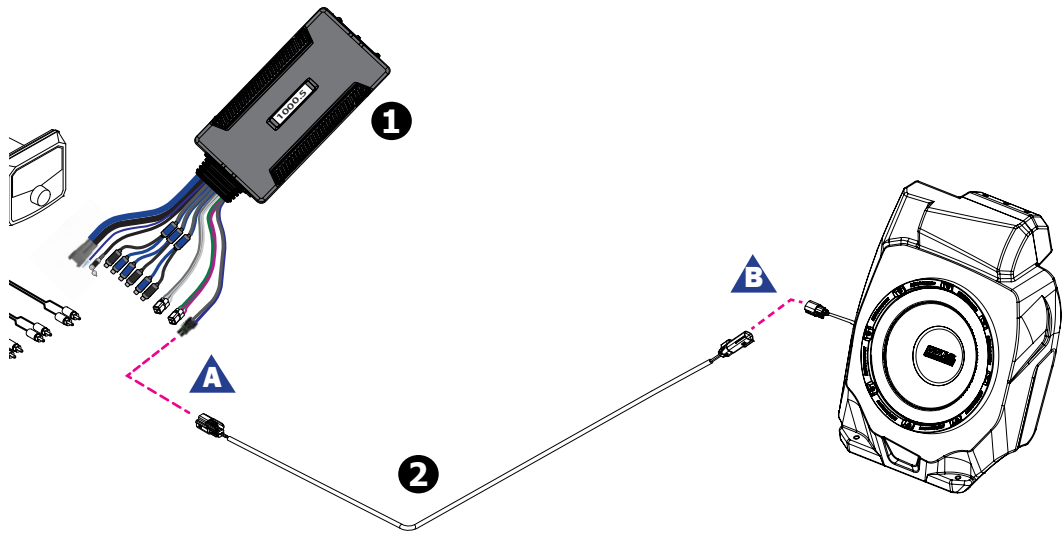
G. Secure the bottom of the enclosure with the provided M6x1.0x40mm T30 screws and washers to the M6 clip nuts attached to the firewall.
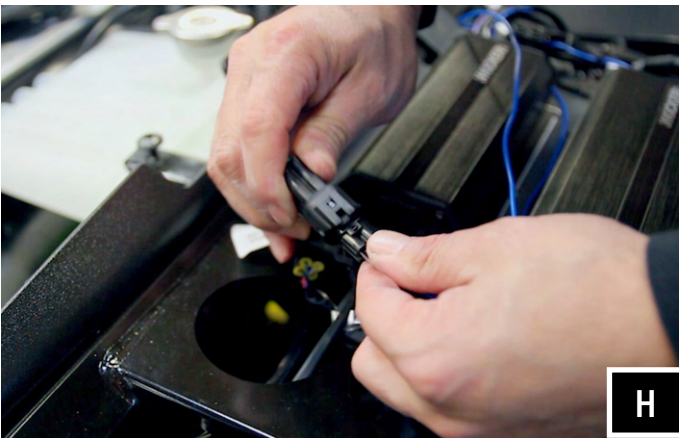
H. Connect the subwoofer cable to the 500.1 amplifier output.

UNDER DASH SUBWOOFER WIRING DIAGRAM

|	Description	Part #
❶	Kicker PXA10005 Amplifier	SD-PXA10005
❷	2-Pin Audio, Sub Extension Harness	B-H2702
❸	Loaded Under Dash Sub, 10" 2 ohms	230-RZ5-UD1

Detail	Description
A	Plug Subwoofer Output to B-H2702
B	Plug B-H2702 to the Subwoofer

Break off tab → ← Break off tab

A1

A2

Power Wire

Battery Terminal Cable

A3
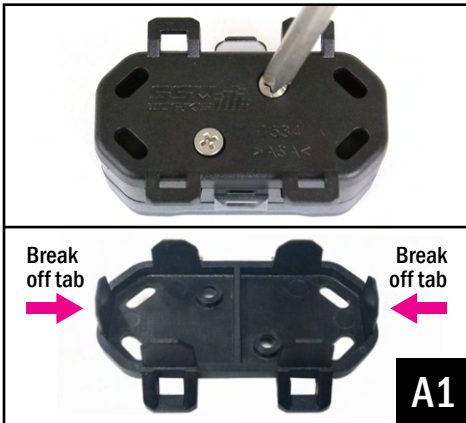
A1. Remove the bottom cover of the fuse holder by extracting the 2 screws. Break off the right and left side tabs on the bottom cover.
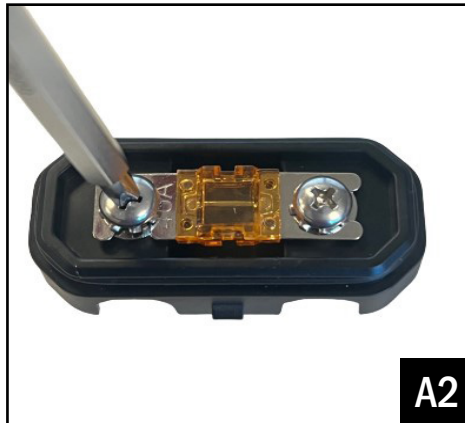
A2. Extract both fuse holder screws and fasten the fuse.
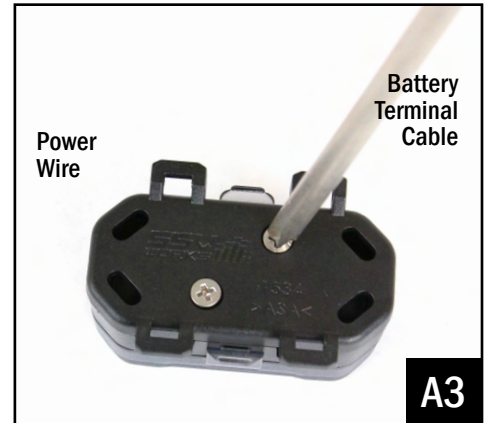
A3. Attach both the Power Wire and Battery Terminal Cable to the fuse holder. Reattach the bottom cover.

B

C

B. Unscrew the factory nut on the negative battery terminal. Install the 2 ground cables to the screw on the ground battery terminal. Re-install the factory nut.

C. Unscrew the factory nut on the positive battery terminal. Install the 2 power cables to the screw on the postive battery terminal. Re-install the factory nut.

D

E

D. Remove the top of the fuse holder and extract the 2 screws. Insert the 40A fuse, screw the 2 screws back in and reattach the fuse holder top.

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

SPEAKER DASH POD PARTS LIST
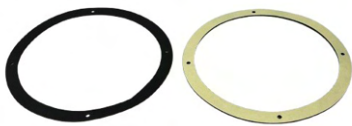
PARTS LIST IMAGES

Speaker Dash Pod, Drive Side

Speaker Dash Pod, Passenger Side

SSV Works A-Spec Speakers
(pre-mounted)

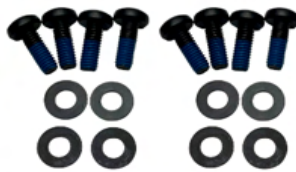2mm Self Adhesive Speaker Gasket
(x2)

Driver and Passenger Side Brackets

T Brackets

P and D Bracket Hardware Pack,
M6x12mm [B-HPM612-4]

T Brackets Hardware Pack, M6x16mm
[B-HPM616-4C]

#14 x .75" Phillips Screw
[B-HP#14-4]

M6x1 x 16mm Screw and Washer Pack
[B-HP3503]

#7x1.25" Speaker Screw Pack
[B-HP#7-8]

RGB Pigtail [B-H3380]

SPEAKER DASH POD INSTALLATION
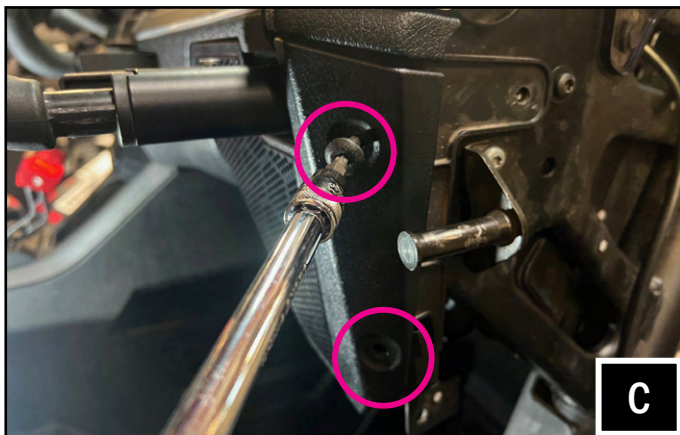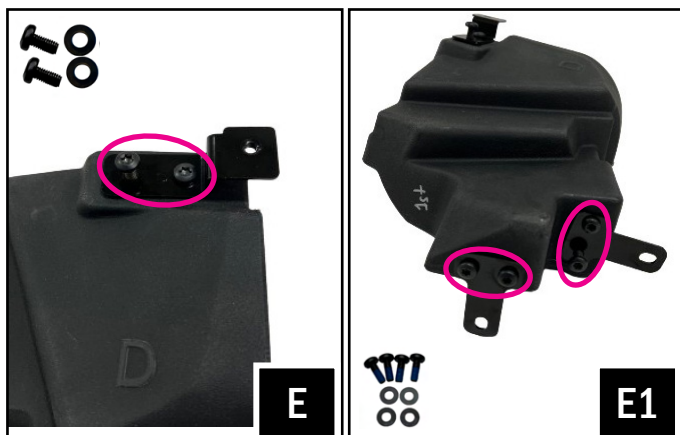
A. Start by removing the front fenders.

B. Remove the screw holding the door latch panel.

C. Remove the factory speaker grill by removing the (2) screws on the side.
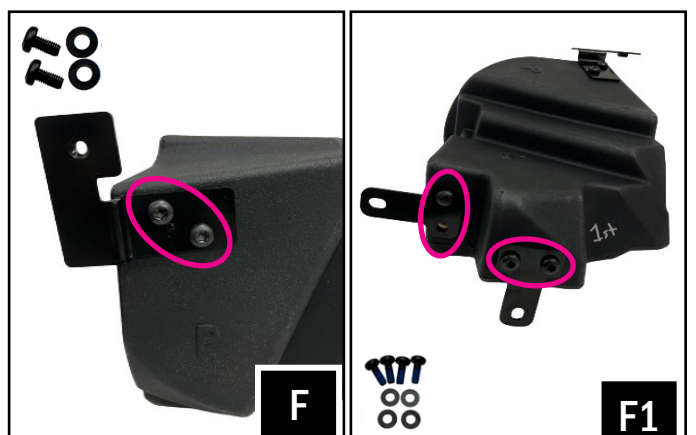
D. Attach the self adhesive speaker gasket and mount the speakers to the dash pods using (8) #7x1.25" screws [B-HP#7-8].

E. Secure the "D" bracket to the drive side dash pod using (2) M6x12mm screws and washers [B-HPM612-4].

E1. Use (4) M6x16mm screws and washers [B-HPM616-4C] to secure the T-brackets.
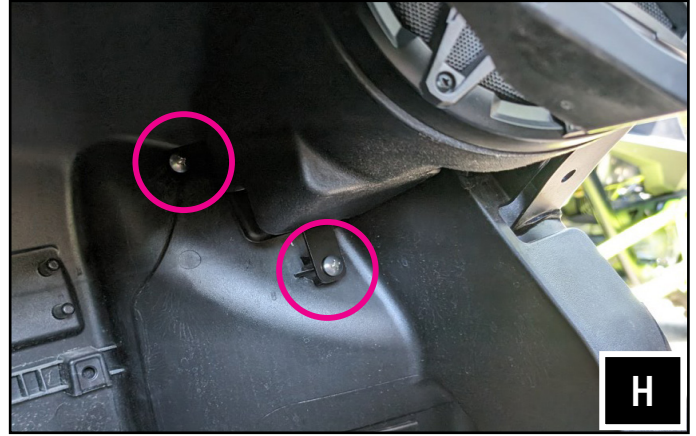
F. Secure the "P" bracket to the passenger side dash pod using (2) M6x12mm screws and washers [B-HPM612-4].
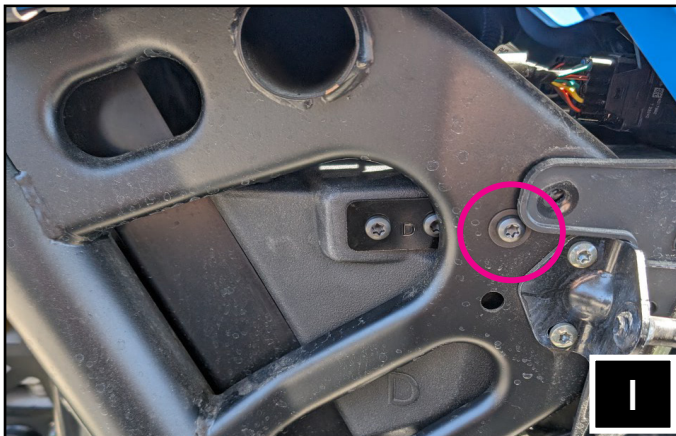
F1. Use (4) M6x16mm screws and washers [B-HPM616-4C] to secure the T-brackets.

G. Slide up the RZR kick pod under the dash.

H. Secure the T brackets of each pod to the factory bosses on the footwell using (2 each) #14x.75 phillips screws [B-HP#14-4].

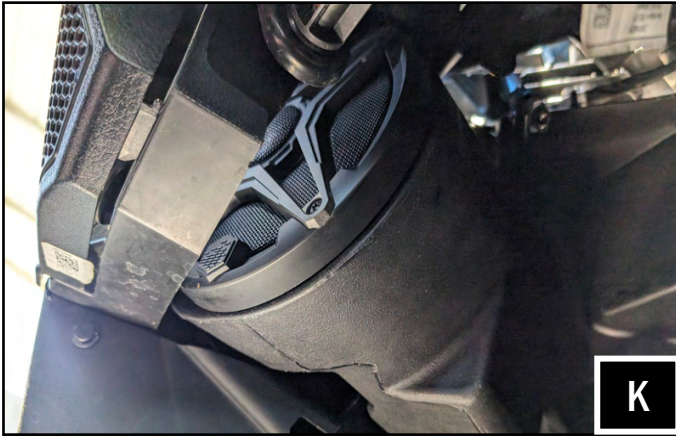I. Secure the D (driver) and P (passenger) pod brackets to the vehicle frame using (2) M6x16 screws [B-HP3503] circled above.

Test the system for functionality before reassembling the panels

J. Reinstall the factory driver and passenger side speaker grill using the factory screws.

K. Completed installation of driver and passenger side of SSV Works RZR 6.5" dash pods.

L. Reinstall the front fenders.

REAR CAGE POD PARTS LIST

PARTS LIST IMAGES

RZ5-DF65V Enclosures
(1 pair)

Dual Mounting Clamp Base x 2

2" Ring Clamp x 4

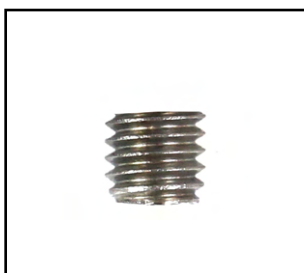M6x1.0x20mm (8mm Hex
Head) Screws & Washers x4

M6x1.0x45mm (5mm Allen
Head) Screws & Washers x4

M6x1.0x6mm (3mm Allen
Head) Screws x4

B-H2195 Rear Speaker Harness

B-H1913 Speaker Extension
Harness

4-Pin Extesnion Harness, 2 ft.
(for 4 door models)

B-H2936 RGB "Y" Harness,
7 ft.

B-H2933 RGB Extension, 8 ft.

B-H2934 RGB Extension, 2 ft.
(for 4 door models)

Zip Tie Panel Post x5

Zip Ties

REAR CAGE POD INSTALLATION

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.

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.

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. 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.

C1. Place both ring mounting clamps on the cage using the plastic bag to prevent scratching.
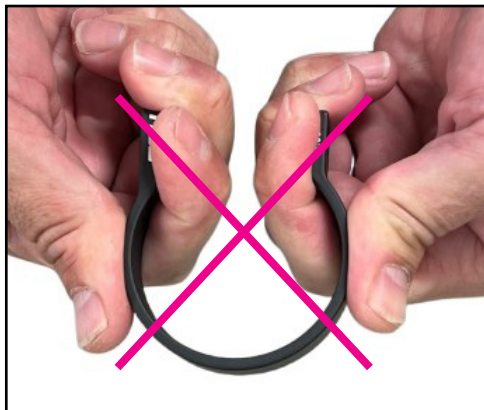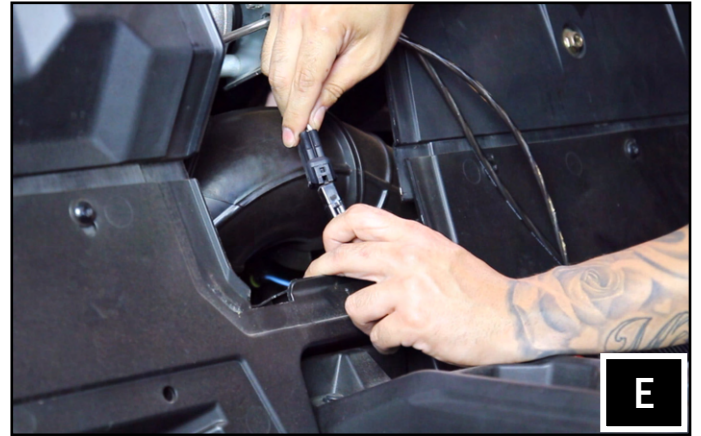
DO NOT FORCE OPEN THE CLAMPS!

SSV Works Tension Clamps are designed to grip tightly onto the tube.

C2. Press the clamps onto the roll cage over the plastic bag.

D. 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.

E. Take the B-H2195 rear speaker harness and plug into the B-H1913 (add B-H1912 for 4 door models) rear extension harness. Plug the B-H2936 RGB "Y" harness to B-H2933 (add B-H2934 for 4 door models) RGB extension harness.

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

G. Take the B-H2195 rear speaker harness and plug into the B-H1913 (add B-H1912 for 4 door models) rear extension harness. Plug the B-H2936 RGB "Y" harness to B-H2933 (add B-H2934 for 4 door models) RGB extension harness.


H. Route the rear speaker harness (B-H2195) and RGB 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. Plug in the connectors to the cage pods. Run the other end of the audio extension harness to the amplifier location and the RGB extension harness to the LIT-CC location.
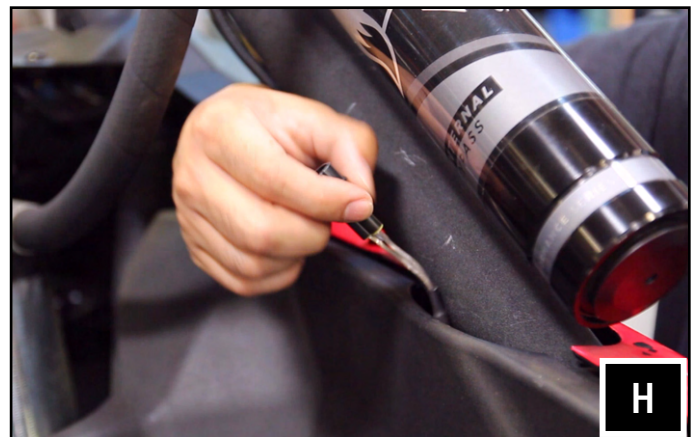
Test the system for functionality before reassembling the panels

REAR SPEAKER PODS WIRING DIAGRAM
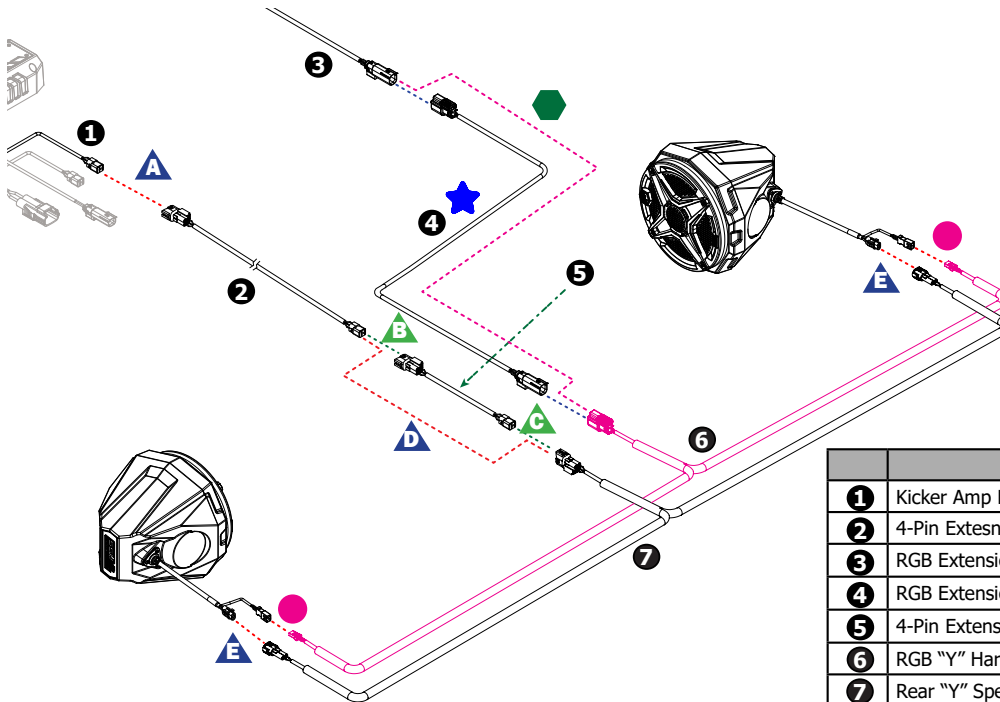
	Description	Part #
❶	Kicker Amp Rear Output	
❷	4-Pin Extesnion Harness, 8 ft.	B-H1913
❸	RGB Extension Harness, 8 ft.	B-H2933
❹	RGB Extension Harness, 2 ft. (for 4 door models)	B-H2934
❺	4-Pin Extension Harness, 2 ft. (for 4 door models)	B-H1912
❻	RGB "Y" Harness, 7 ft.	B-H2936
❼	Rear "Y" Speaker Harness, 7 ft.	B-H2195

Detail	Description (RGB Connections)
★ (blue star)	Add the B-H2934 2 ft. RGB Extension for 4 door models
⬡ (green hexagon)	Plug the 8 ft. B-H2933 RGB Extension harness to B-H2936 for 2 door models
● (pink circle)	Plug the B-H2936 RGB Rear "Y" Harness to the Left and Right Cage Pods

Detail	Description (Audio Connections)
A	Connect Kicker Amp Rear Output 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	Plug the B-H2195 to the Left and Right Cage Pods

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.

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