

INSTALLATION INSTRUCTIONS

DESCRIPTION: Audio System Kit
PART NUMBER: 2HC-H81C0-V0



⚠ WARNING

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

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. Labor for replacement of defective components is not covered. Contact SSV Works for further warranty information.

NOTICES:

This installation requires a torque wrench and should be performed by an authorized dealer or other qualified technician.

COMPONENTS NOT INCLUDED IN THIS KIT:

2nd Battery Wiring Kit, 2nd Battery Box and Mount, Rear speaker pods, Powered Subwoofer

DEALER OR INSTALLER:

These instructions contain important information for future reference and *must* be given to the customer.

PARTS LIST:

No.	Audio System Kit Component Description	Qty
①	Left Side Speaker	1
②	Right Side Speaker	1
③	Y Harness	1
④	Amplifier	1
⑤	Dash Plate Assembly with Control Box, 3.5 Cable and Zip Ties	1
⑥	Audio Extension Cable	1
⑦	1.5" Mount Bracket	4
⑧	1.75" Mount Bracket	2
⑨	Rubber Grommet	1
⑩	Speaker Cable 129"	1
⑪	M6x20mm screw	24
⑫	#10 x 14mm Washer	24
⑬	#6 Panhead Screw	4
⑭	M6 x 12mm Socket Head screw	4
⑮	M6 Locknut	4
⑯	M6 Washer	8
⑰	8" Cable Tie	10
⑱	1 1/4" x 1.5" Rubber Adhesive Backed Bumper	6
⑲	1 1/4" x 5" Rubber Adhesive Backed Bumper	2
⑳	1 1/4" x 7" Rubber Adhesive Backed Bumper	2

These part supplied with the kit and are not available separately.

Parts List Images

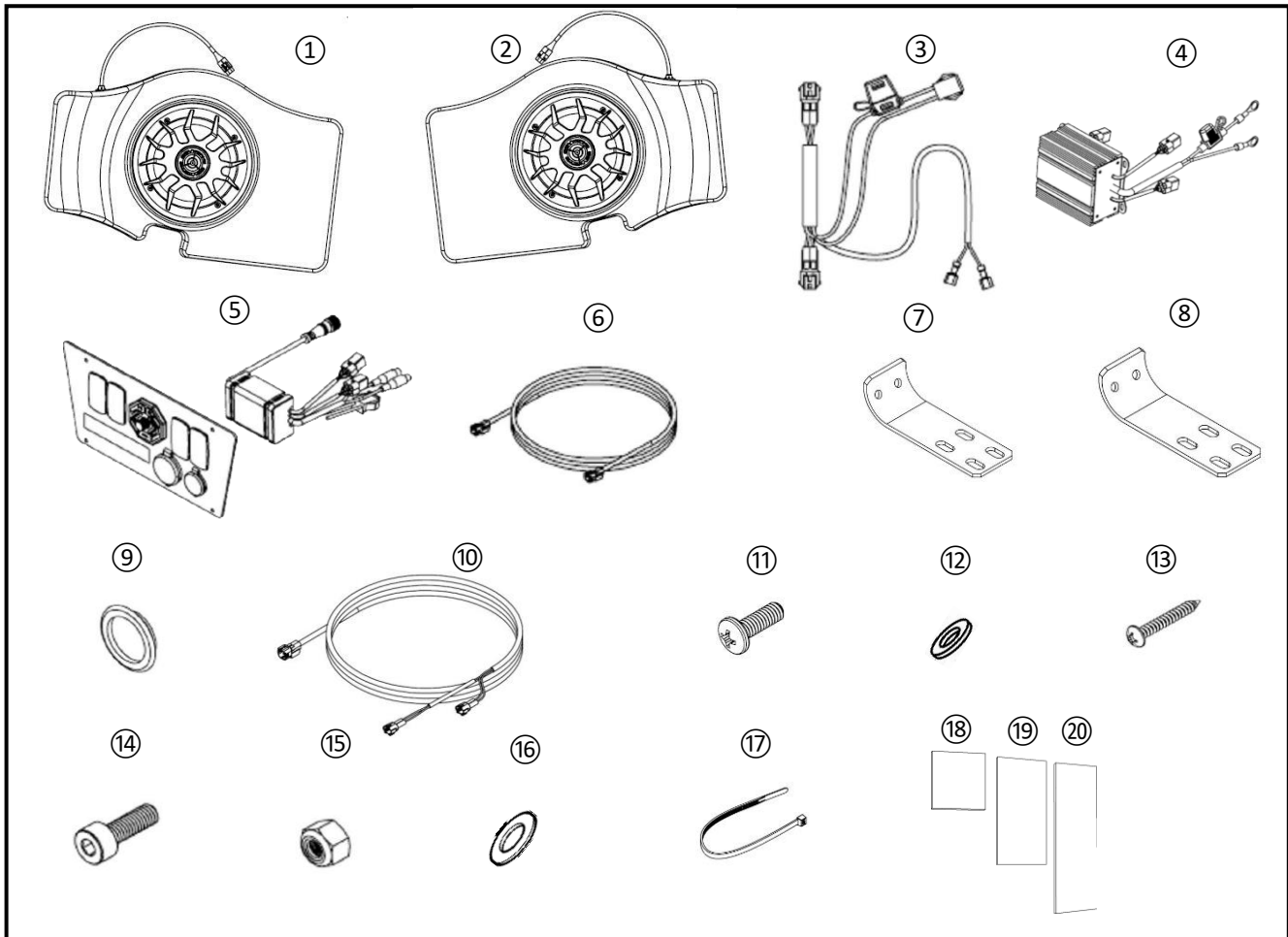
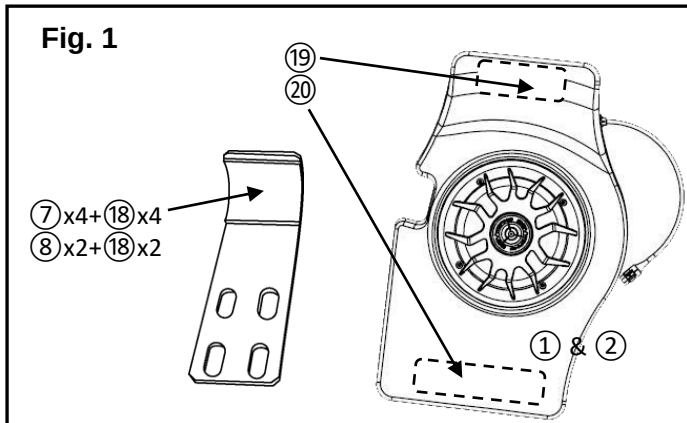


Fig. 1



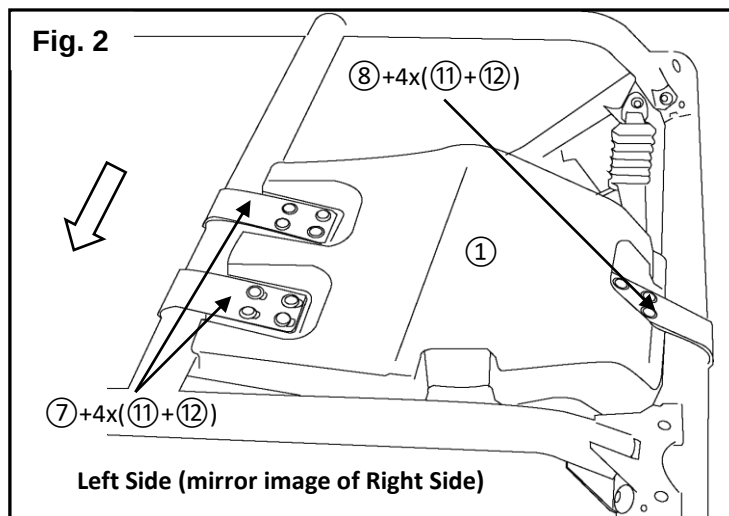
PREPARATION:

- Park the vehicle on a secure and level surface.
- Clean all mounting surfaces before beginning installation.
- Remove the roof panel and retain all hardware for reuse.

SPEAKER INSTALLATION:

1. Peel the protective paper from and install 1 1/4" x 1 1/2" Adhesive Backed Rubber Bumper (18) to all 6 Mount Brackets (7) and (8) as shown in Fig. 1.
2. Center the bumpers in the mount channels, peel the protective paper, and press firmly to adhere. Install 1 1/4" x 5" Adhesive Backed Rubber Bumpers (19) to the curved mount surfaces on the narrow end of the Left and Right Speakers. Install the longer strips (1 1/4" x 7") (20), to the wider end of the Speaker. Locations for Adhesive backed rubber bumpers are shown in Fig. 1.

Note: Adhesive Backed Rubber Bumpers (18, 19, 20) are a cushion between the speaker enclosures (1 & 2) and the overhead roof bars.



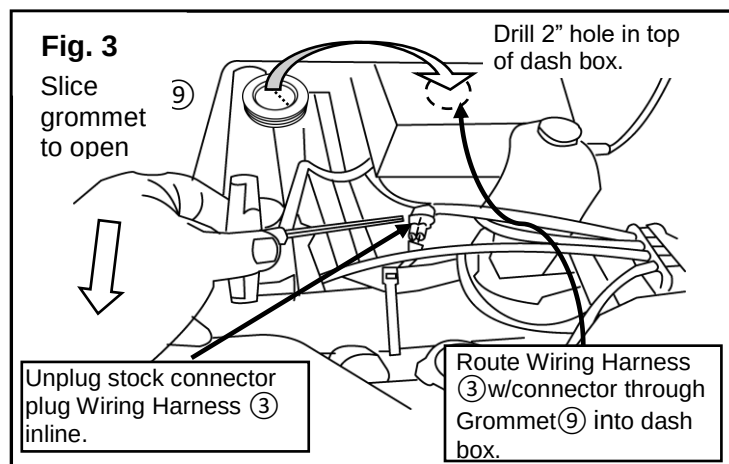
3. Install two 1.5" Mount Brackets ⑦ to the inboard side and a single 1.75" Mount Bracket ⑧ to the outboard side of each speaker. Use 4 M6x20mm Screws ⑪ and 4 #10 Washers ⑫ to install Brackets to the Speakers, as shown in Fig. 2. Leave the screws loose enough to allow adjustment side to side and forwards/backwards.

Note: Leave a 5mm gap between the speaker and the bar in order to minimize vibration transmitted to the speaker box

4. Adjust the Speaker and Mounts and then tighten the screws 6 Nm (4.5 ft-lbf).

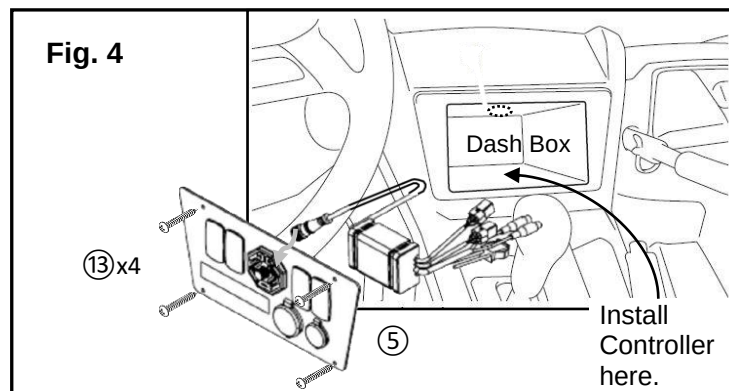
AMPLIFIER & CONTROL BOX INSTALLATION:

Preparation: Refer to Vehicle Owner's Manual for procedures. Remove covers for the Electrical Bay in the front of the vehicle. Remove the passenger seat, the covers over the center console, and pull the center console cover aside on the right side.

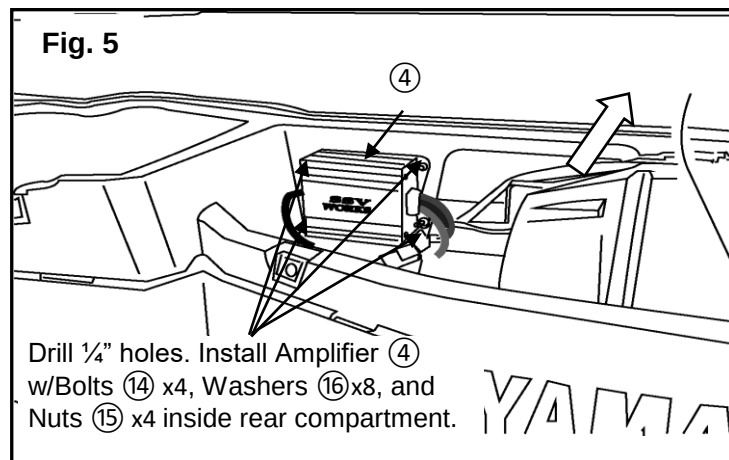


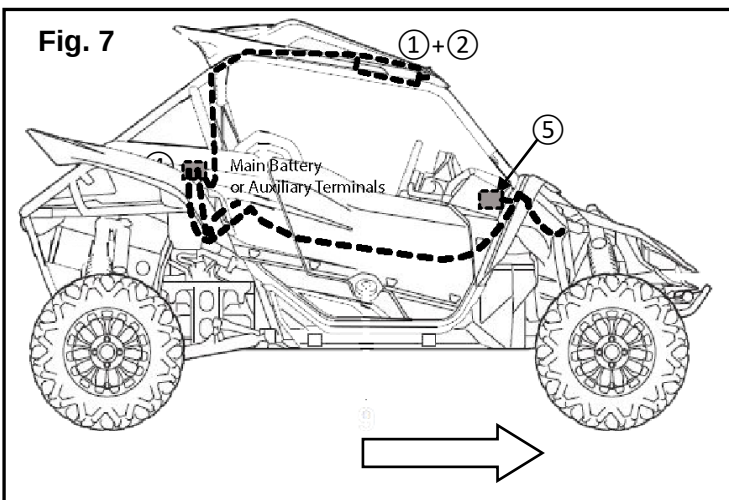
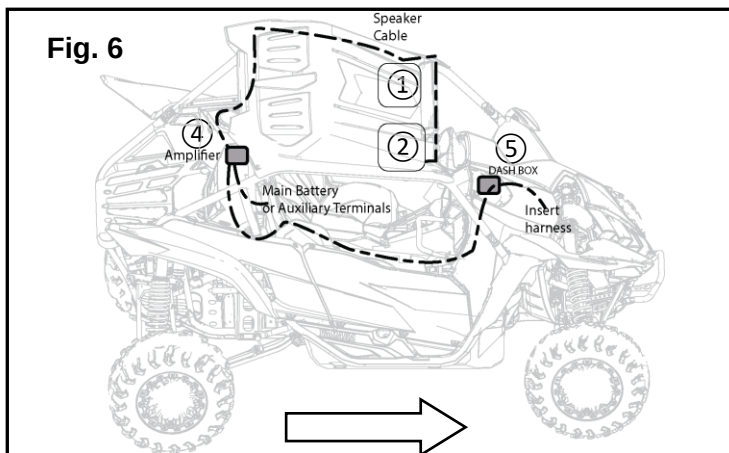
5. Working inside the vehicle cab, drill a 2" hole in the dash box in the location shown in Fig. 3. Slice an opening in the Grommet ⑨ in order to allow cables to exit the dash box.

Note: This hole in the dash box is used for other accessories that are controlled from the dash. The Overhead Light Bar and Accessory Lighting are two examples.



6. Install the Grommet ⑨ into the 2" hole.
7. Remove the paper from the adhesive on the Control Box ⑤ and attach to the floor of the Dash Box (Fig. 4).
8. Connect the plug on the Controller into the matching plug on the back side of the Dash Panel for the volume control.
9. Pass the cables from the Control Box out through the Grommet ⑨.
10. In the electrical bay in the front of the vehicle, unplug the stock connector and insert the 22" Y Harness. This cable is now part of the 12V power circuit. See Fig. 3. Pass the other end of the cable into the dash box.
11. From inside the cab, plug the connector on the end of Y Harness ③ into the matching connector coming from controller inside the dash box.
12. Connect the spade connectors on the Y Harness ③ to the two terminals on the back of the 12V outlet installed to the dash panel.
13. Install 4 #6 Panhead Screws ⑬ to secure the Dash Plate Assembly ⑤ to the dashboard and cover the opening of the dash box (Fig. 4).





MAINTENANCE:

Periodically check torque on all hardware. If loose hardware is found, re-torque to specification. Inspect accessory wiring for chaffing and rubbing. Adjust wiring and cable ties to reduce chaffing and rubbing.

CARE AND CLEANING:

Clean plastic parts with a clean soft cloth and mild soap and water. Rinse and dry. Clean speaker exteriors with a clean soft cloth and mild soap and water solution.

CUSTOMER SERVICE:

For further information see your dealer.

ESTIMATED TIME TO INSTALL: 2.0 HRS

14. Go to the bed of the vehicle, and remove the cover over the air cleaner. Retain all parts for reuse.
15. Hold the Amplifier (4) against the front panel inside the air cleaner compartment as shown in Fig. 5. Mark the locations of the 4 mount holes for the Amplifier.
16. Use a 1/4" drill bit and drill out the 4 holes. Keep a shallow penetration. No more than 3/8" through the panel.
17. Use 4 M6x12mm Socket Head bolts and 4 M6 Washers to install the Amplifier to the panel.
18. Working from inside the rear wheel well (left side) secure the 4 bolts with 4 M6 washers and 4 M6 locknuts (Fig. 5). Torque to 6 Nm (4.5 ft-lbf).

CABLE ROUTING:

19. Connect the Speaker Cable (10) to the Amplifier (4) using the single plug end of the cable. The 2 plug 'Y' end of the Speaker Cable connects to the two overhead speakers (1 & 2).
20. Route the Speaker Cable (10) across the bed, up the B pillar, along the overhead roof bar, and then across the front as shown in Fig. 7. Use cable ties to secure the Speaker Cable as you go.
21. Connect the speaker cable to the overhead speakers by pressing the plugs into the receivers on the speakers.
22. Connect the Amplifier to the Controller using the Audio Extension Cable (6). Plug the Audio Extension Cable into the appropriate connector from the Controller in the dash box. Route the cable down and back into the vehicle cab, along the center console, back to the opening behind the main battery, and up to the Amplifier inside the rear compartment. Connect to the appropriate connector at the Amplifier. See Fig. 6 and 7.
23. Reinstall the stock parts you removed for this installation. Typically this is the roof panel, center console panels, rear bed cover, and panels over the electrical bay/front of the vehicle. Refer to the vehicle owner's manual for procedures.