

PREMIUM SADDLEBAG AUDIO KIT



P/N 2881782

APPLICATION

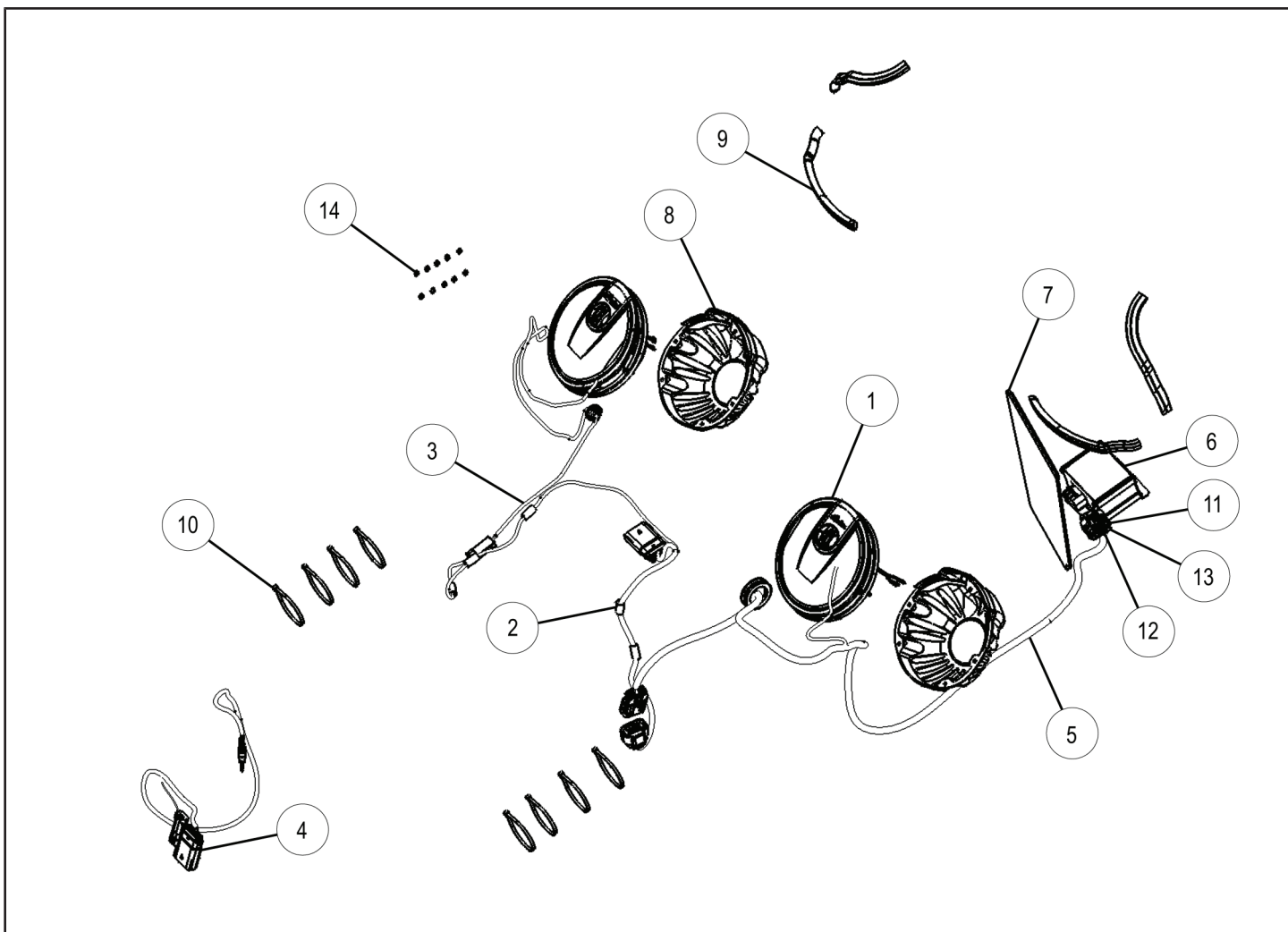
Indian Touring with Hard Saddlebags and Without Faring

BEFORE YOU BEGIN

Read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

KIT CONTENTS

This Kit includes:



REF	QTY	PART DESCRIPTION	PART NUMBER
1	1	ASM Audio Speakers Grille	2413054
2	1	Seat Harness - HPSBA	2413055
3	1	Harness - HPSBA, Bag, RH	2413056
4	1	Harness - HPSBA, Front	2413057
5	1	Harness - HPSBA, Bag, LH	2413058

REF	QTY	PART DESCRIPTION	PART NUMBER
6	1	Amp - Audio, Premium	4015241
7	1	Cover - Amp Saddlebag	5260564
8	2	Cover - Speakers, Saddlebag	5452062
9	6	Cover - Wire, Saddlebag, Lid	5522014
10	10	Panduit Strap	7080138
11	2	Screw Hex Flange - M5	7517277
12	2	Nut Hex - M5	7546601
13	2	Washer - #10 .219 X 0.50 X 0.062	7555799
14	10	Rubber Washer, Saddlebag, Lid	7556869
	1	Instructions	9926885

TOOLS REQUIRED

- 5/8" Diameter Drill Bit
- Torque Wrench (in. lbs. and ft. lbs.)
- 6mm External Hex Socket Wrench
- 5mm External Hex Socket Wrench
- Drill
- Ratchet
- 7mm Socket
- 8mm Socket
- 8mm Wrench
- 7mm Drill Bit
- 1 3/8" Hole Saw

IMPORTANT

Your Indian PREMIUM SADDLEBAG AUDIO KIT is exclusively designed for your vehicle. Please read the installation instructions thoroughly before beginning. Installation is easier if the vehicle is clean and free of debris. For your safety, and to ensure a satisfactory installation, perform all installation steps correctly in the sequence shown.

ASSEMBLY TIME

Approximately 1.5 hrs.

INSTALLATION INSTRUCTIONS

NOTE

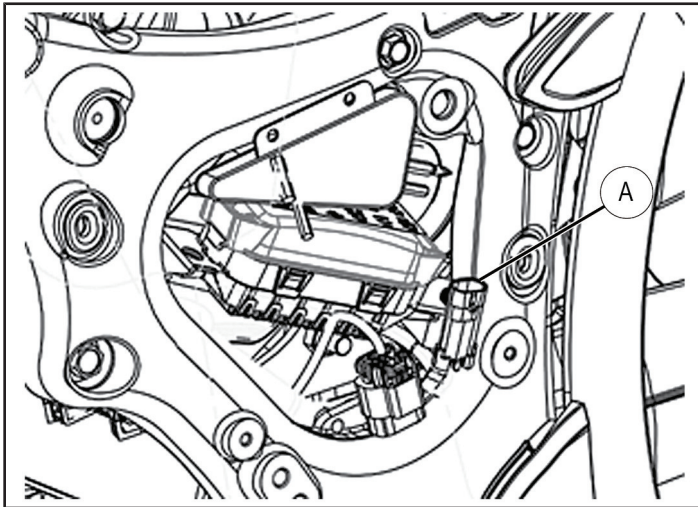
To complete this installation, the additional kit is needed: Kit Lid, Audio, Saddlebag 2879656-XXX (in optional color).

VEHICLE PREPARATION INSTRUCTIONS

1. Ensure ignition is off and the vehicle is cooled down.

REMOVAL

1. Remove both the right and left hand side covers.
2. Remove the seat using a 6mm external hex wrench.
3. Disconnect the electrical connector (A) on each side that connects to the saddlebag.



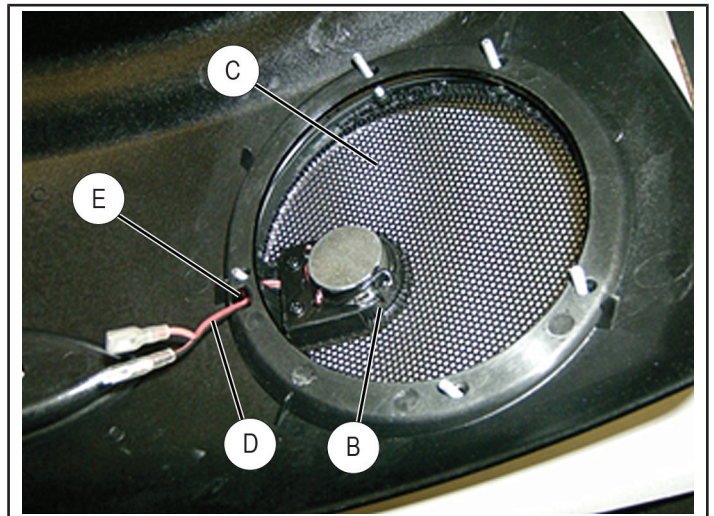
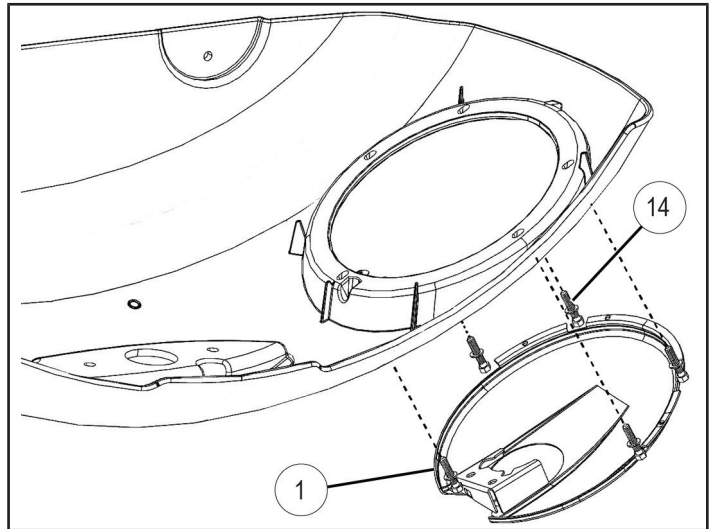
4. Remove the lock mechanism from the stock saddlebag lid by using a 5 mm hex wrench to remove the two recessed Allen head screws from the bottom side of each saddlebag lock. This mechanism will be transferred to the new audio lid. Remove the saddlebag lid lock wire harness from the channel in the lid. Place the lock mechanism and hardware in the saddlebag temporarily.
5. Use a 7mm socket to remove the stock lids from the saddlebags by removing the screw at each hinge of the lid. Leave the hinge attached to the saddlebag.
6. Remove the saddlebags and set them aside.

INSTALLATION OF LIDS / SPEAKERS

1. Install rubber washer (14) to the studs on the grille assembly (1), and install the grille assembly into the left hand lid from Kit (P/N 2879656-XXX).

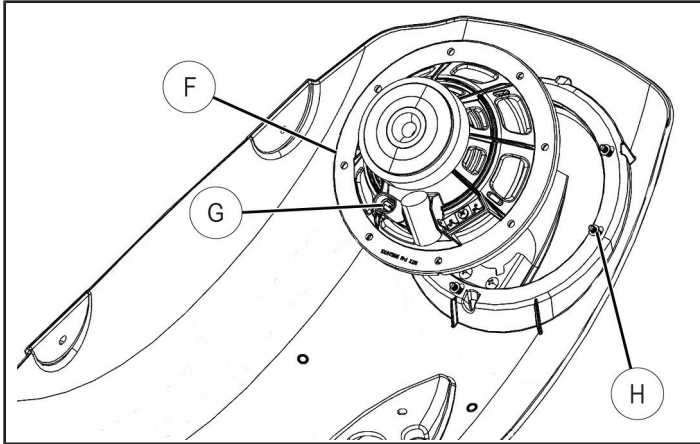
NOTE

There is a difference between the left hand and right hand bezel so ensure the correct side is being installed. When installed correctly, the tweeter (B) will point at the driver. The grille/bezel assembly (C) is installed on the outside of the lid. The tweeter is oriented toward the top of the speaker opening as viewed mounted on the vehicle. Guide the tweeter wires (D) through the wire entry hole (E) in the lid.



Lid shown from the underside.

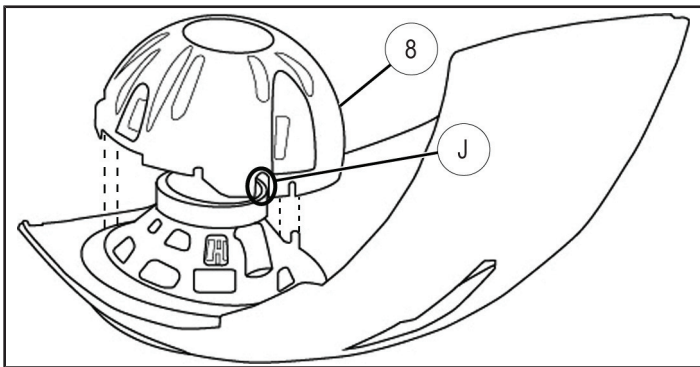
2. Install the speaker from the underside of the lid. Position the speaker (F) so the tweeter wires will reach the terminals on the speaker and notch in the speaker housing lines up with a rib on the saddlebag lid. Connect the tweeter wires to the speaker.
3. Attach the LH harness to the speaker in the LH saddlebag (G). The harness will be routed later.



4. Install the speaker cover (8) to the back side of the saddlebag lid, aligned to the studs on the speakers. Route the speaker wire, installed in Installation Step 3, through the large "U" cutout (J) on the speaker cover. Install the five nuts on the studs (H) shown in above image. Do not over torque to avoid cracking the speaker housing. Torque evenly to specification.

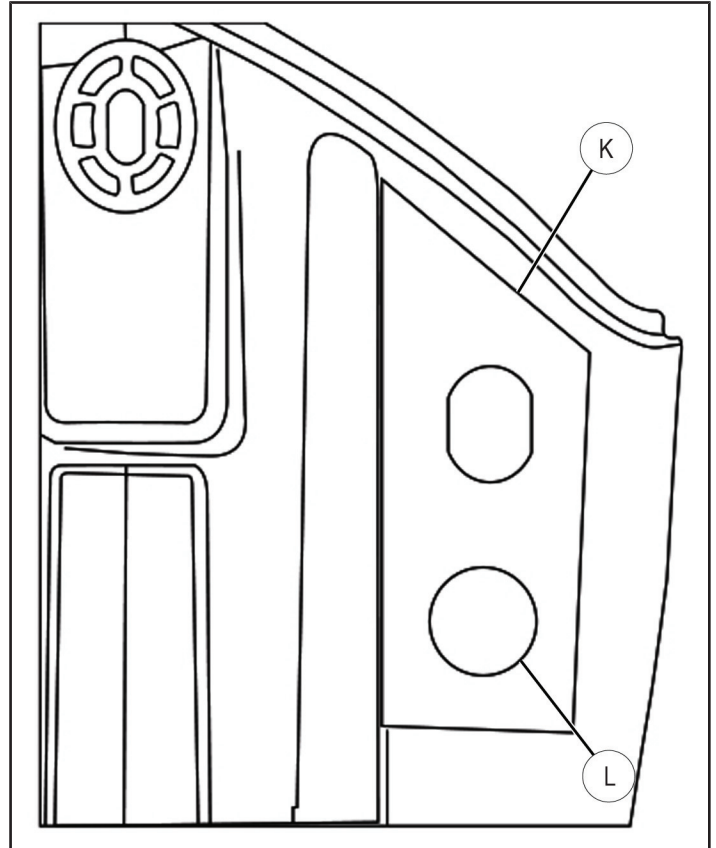
TORQUE

8 in. lbs. (0.88 Nm)

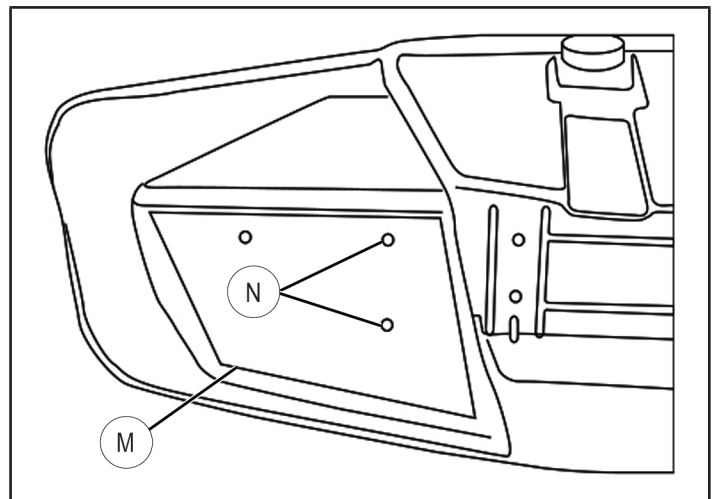


5. Repeat Installation Steps 1-4 for the RH saddlebag lid, but with the RH harness (3).

6. Use the templates (K) provided in the instructions to drill a 1 3/8" diameter hole in the LH saddlebag (L), and a 5/8" diameter hole in the RH saddlebag. This is where the speaker wires will route.



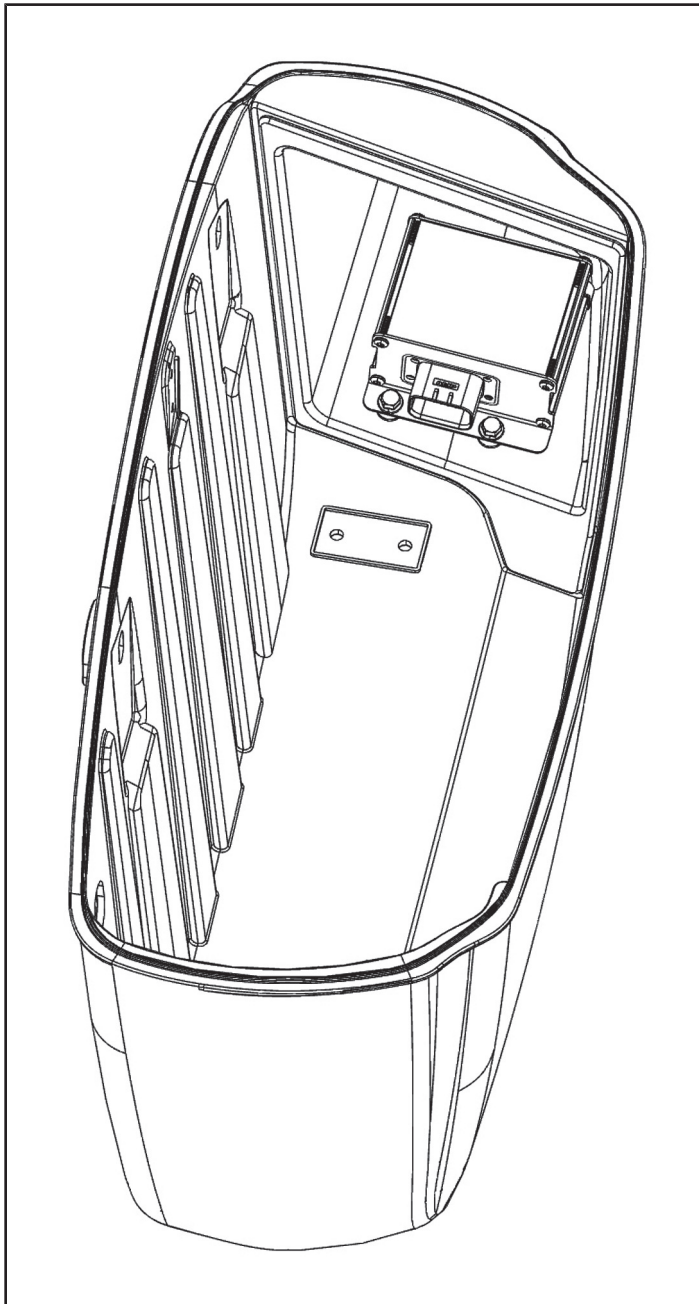
7. Use the template (M) provided in the instructions to drill two 7mm diameter holes (N) in the bottom of the LH saddlebag. This is where the amplifier will mount.



8. Mount the amplifier in the bottom of the LH saddlebag with the holes that were drilled in Installation Step 7. The connector on the amplifier should face forwards as shown below. Install two washers, nuts, and bolts provided in Kit (PN 2880931). Torque to specification.

TORQUE

45 in. lbs. (4.95 Nm)



9. Install the new audio lids (with speakers installed) onto each saddlebag using the screws that were removed in Removal Step 5. Torque to specification.

TORQUE

45 in. lbs. (4.95 Nm)

10. Install the lock mechanism removed in Removal Step 4 into each new lid. Torque to specification.

TORQUE

84 in. lbs. (9.24 Nm)

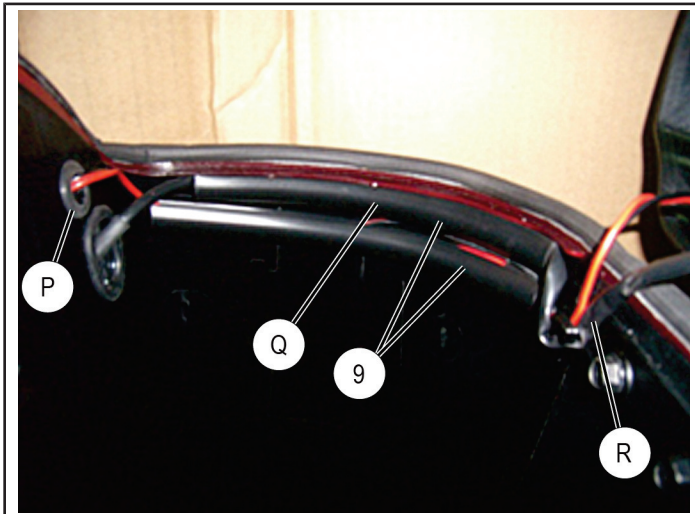
11. Route the speaker wires through the holes that were drilled in Installation Step 6 and install the grommets that are on the speaker wires into each hole. Rubber lube or soapy water can be used to aid installation.
12. In the LH saddlebag, connect the amplifier connector from harness ⑤ to the amplifier.
13. Place the saddlebag lid lock wires into one of the wire channels ⑨. Remove the backing paper from Wire Channel ⑨ self-adhesive strip. Affix the Wire Channel with the wires inside to the lid in the same location as the stock lid. Use the stock lid that was removed as a guide. Ensure the channel is not too close to the hinge as it may contact the gasket around the top of the saddlebag. Press the channel firmly onto the lid. Support the lid from the opposite side to ensure the hinges are not overstressed when pressing the channel into place. Protect the painted finish on the top side of the lid with a soft cloth.



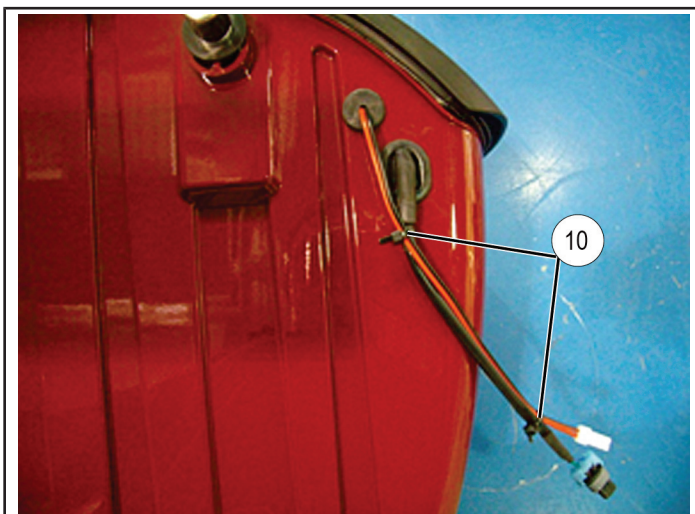
14. Cut the wire channel ⑨ in half and place the speaker wires that are adjacent to the speaker into the wire channel. Remove the backing paper and affix the second wire channel with the speaker wires in it adjacent to the first wire channel. See Figure of Installation Step 13. Repeat this step for the other saddlebag.
15. Install the speaker wires inside the saddlebag through grommet (P) into another wire channel ⑨. Affix the wire channel into the saddlebag just below the existing wire channel (Q). Tuck the speaker wire into the plastic clip (R) near the hinge with the lock wires as shown in figure (RH saddlebag shown) and also refer to Step 13 associated figure.

NOTE

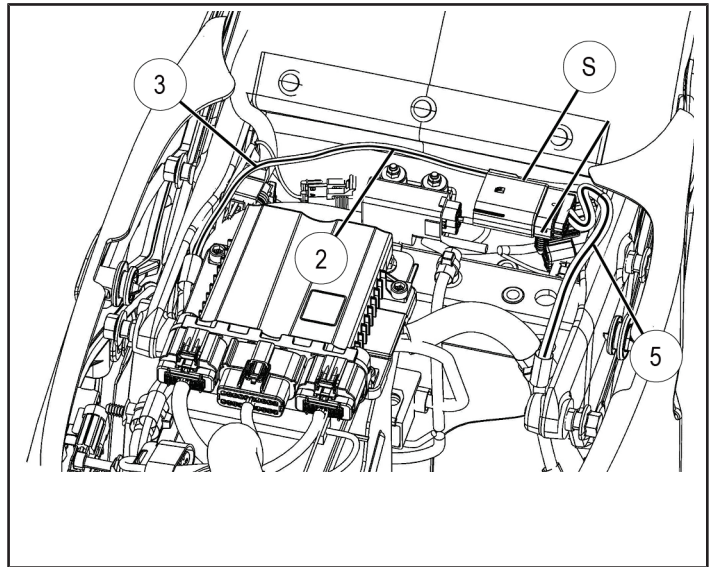
Ensure adequate slack to open and close the lid without pulling or pinching the wires. Secure speaker wire into plastic clip. Repeat this step for other saddlebag.



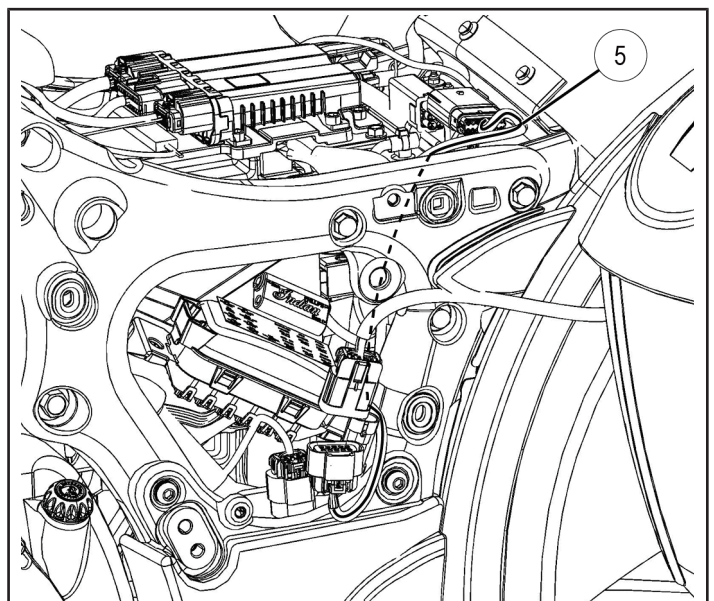
16. Use two nylon cable ties ⑩ to secure the speaker wires to the lock wire harness between the saddlebag and the connector.



17. Install the saddlebags on the vehicle and reconnect the saddlebag lock electrical connector.
18. Install the 16-pin connector (S) on the under-seat harness ② to the 16-pin connector under the seat.
19. There are two wires, LH and RH wires ⑤ and ③ coming from the under-seat harness. The shorter of the two is the LH channel. Secure the LH channel along the positive battery cable. Secure to the battery cable with two nylon cables.



20. Route the connector at the end of the LH channel ⑤ of the under seat harness through the frame and out the left side of the vehicle next to the saddlebag electrical connector. Secure it to the LH saddlebag lock harness connector with a nylon cable tie.

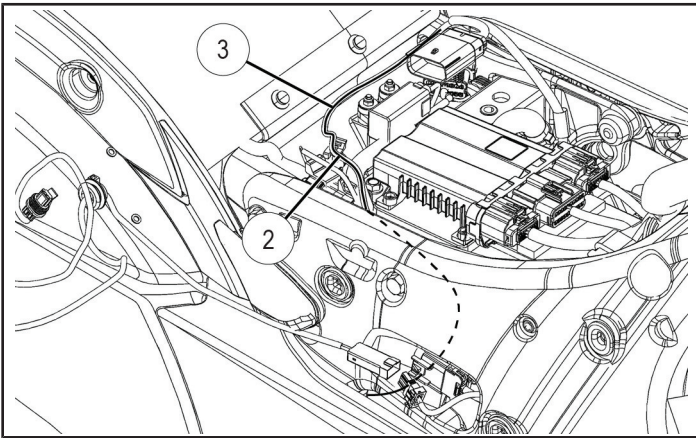


21. Connect the LH speaker wire coming from the LH saddlebag to the LH connector coming from under the seat.

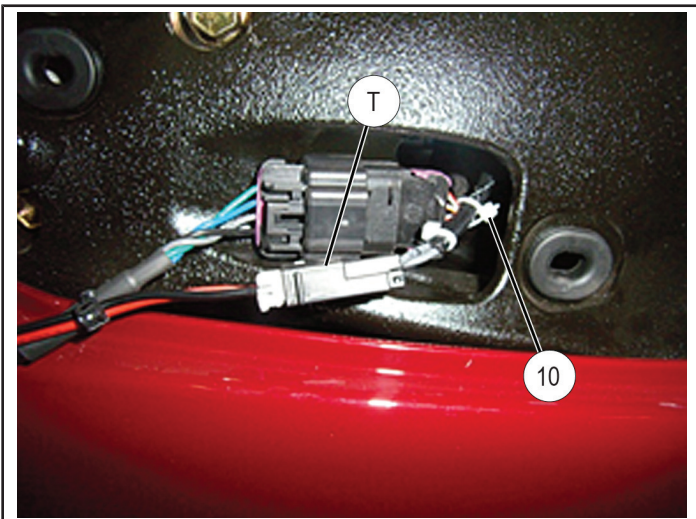
NOTE

Use nylon cable ties to secure the wiring. Be sure the wiring won't get pinched in the shock or other moving components.

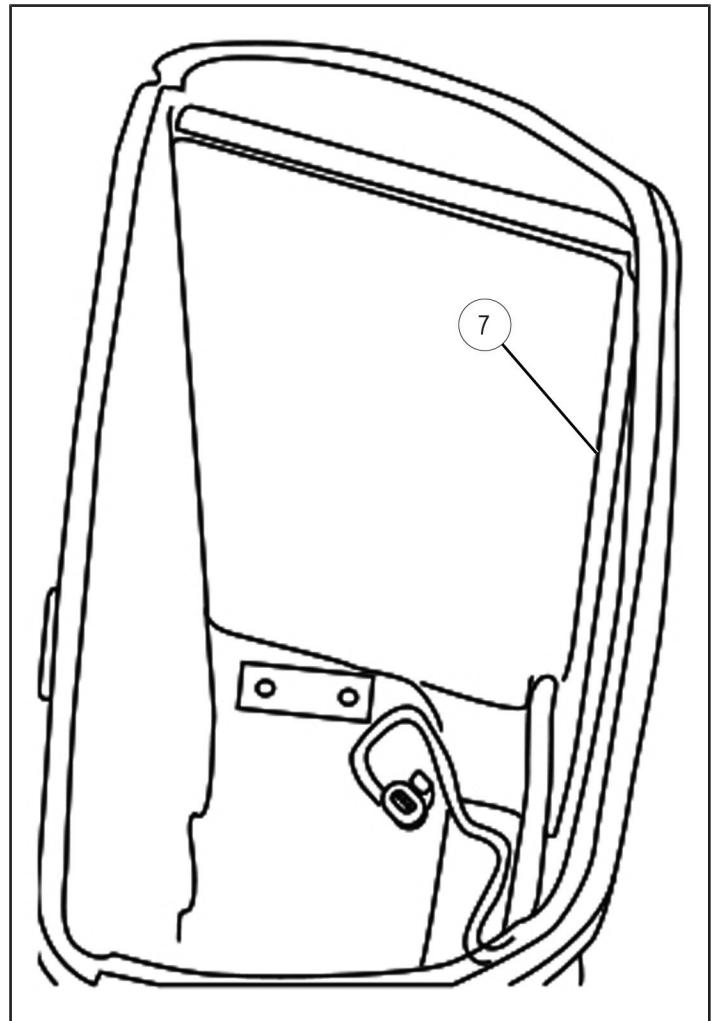
22. The RH channel ③ is the longer of the two wires on seat harness ②. Route the connector at the end of the RH channel through the frame and out the window on the RH side of the frame next to the RH saddlebag lock harness connector. Secure the RH channel to the RH saddlebag lock harness connector using a nylon cable tie ⑩.



23. Connect the RH speaker wire coming from the RH saddlebag to the RH connector (T) coming from under the seat.



24. Locate the Amp Cover Plate ⑦ in Kit (P/N 2880931). Remove the backing paper from the two velcro straps and install the Amp Cover Plate to the LH saddlebag, to hide the rear portion of the saddlebag. Route the amp wire harness through the cutout on the bottom of the Amp Cover Plate.



25. Reinstall seat and torque fasteners to specification.

TORQUE

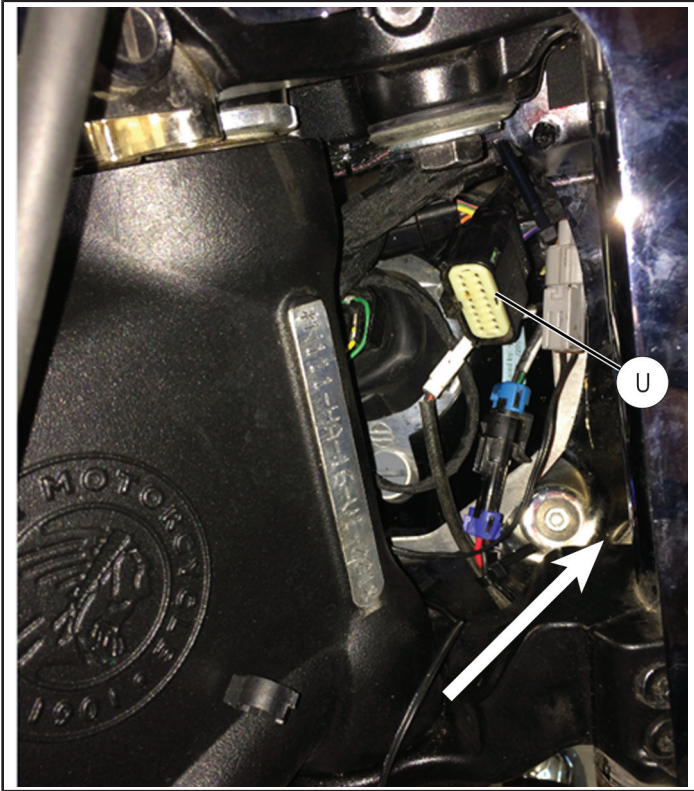
18 ft. lbs. (24.3 Nm)

26. Reinstall side covers, making sure no wiring is pinched.

The following process is only needed for vehicles without a fairing.

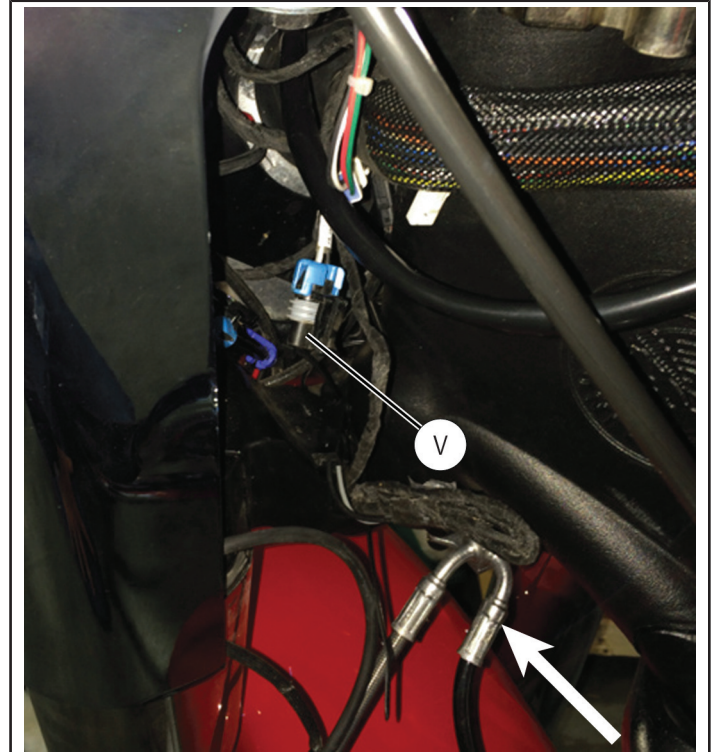
Installing the 3.5mm audio jack

27. Locate the un-used 16-pin connector (U), without opening the headlight housing, by turning the handlebars to one side. The connector will be tucked into the headlight housing as shown below. If the connector cannot be located with this method, skip to Step 29 for instructions on how to gain access. Otherwise, continue to Step 28.



Arrow pointing to "Front"

28. Attempt to locate the un-used power connector (V), without opening the headlight housing, by turning the handlebars to one side. The connector will be tucked into the headlight housing. See figure. If the 16-pin connector and the power connector are both accessible, skip to Step 33. Otherwise, access can be gained in Steps 29-32.



Arrow pointing to "Front"

29. If applicable, remove windshield.

30. Use a 6mm external hex socket wrench to remove the two bolts on each side of the headlight housing.

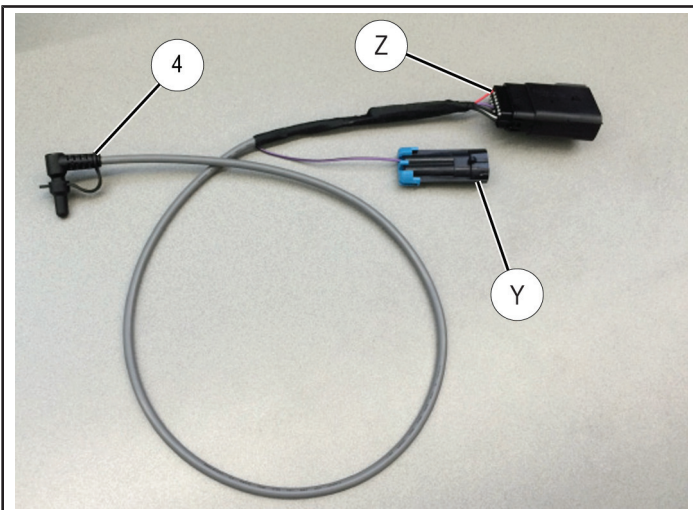
31. Use a 5mm external hex socket wrench to remove the two bolts on the top of the headlight housing.

32. Pull the headlight housing (W) open, but do not fully remove the halves of the shell. Open the headlight housing until the available 16-pin connector (X) and the available power connector (Y) in the headlight bucket are accessible.



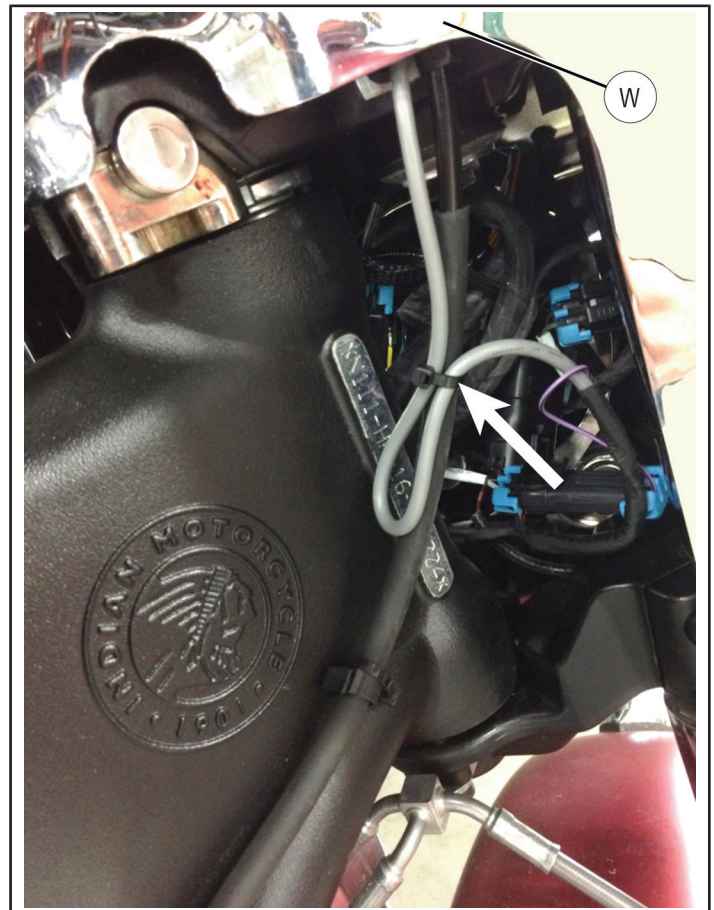
33. Connect the 16-pin connector (Z) on the Front Harness ④ in Kit (P/N 2880931) to the available 16-pin connector in the headlight housing.

34. Connect the power connector (Y) on the Front Harness ④ in Kit (P/N 2880931) to the available power connector in the headlight housing.



35. Route the 3.5mm audio jack on the front harness along the brake line and out of the headlight housing (W). Allow no more than 12 inches of wire length to stick out from the headlight housing, and secure the remaining wire to the brake line with a panduit strap inside the headlight housing, to ensure the front harness wire will not interfere with steering.

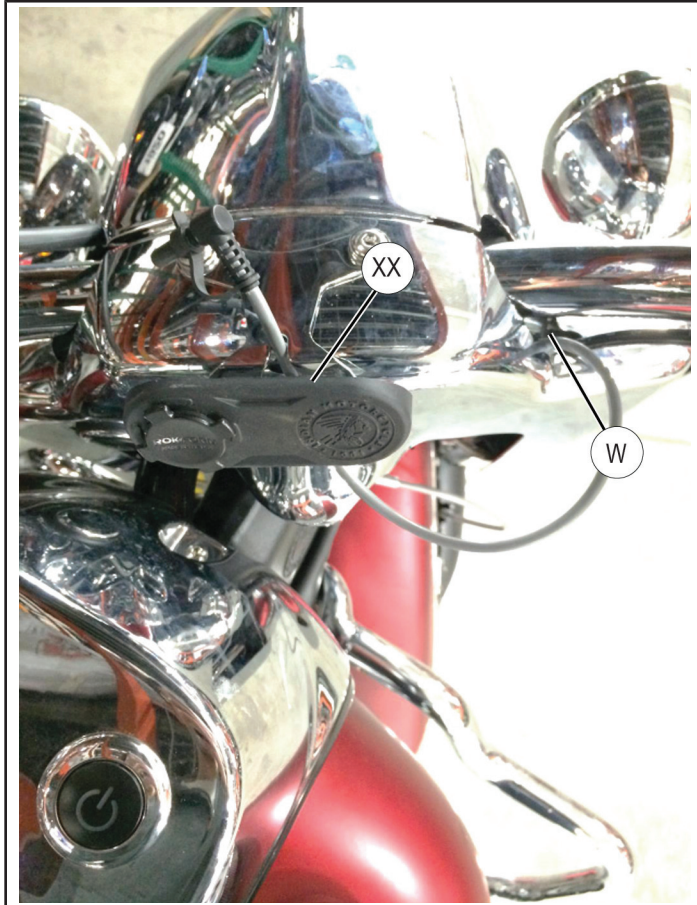
IMPORTANT
Cycle the steering lock-to-lock to ensure proper operation.



36.If the Accessory Nacelle Mount is installed, route the 3.5mm jack through the key hole on the Nacelle Accessory Mount bracket (XX).

NOTE

The hinge must be removed from the bracket in order to route the connector through the Nacelle Accessory Mount.



37.Reinstall the headlight housing, if it was removed. Torque the two bolts on top of the headlight housing to specification.

TORQUE

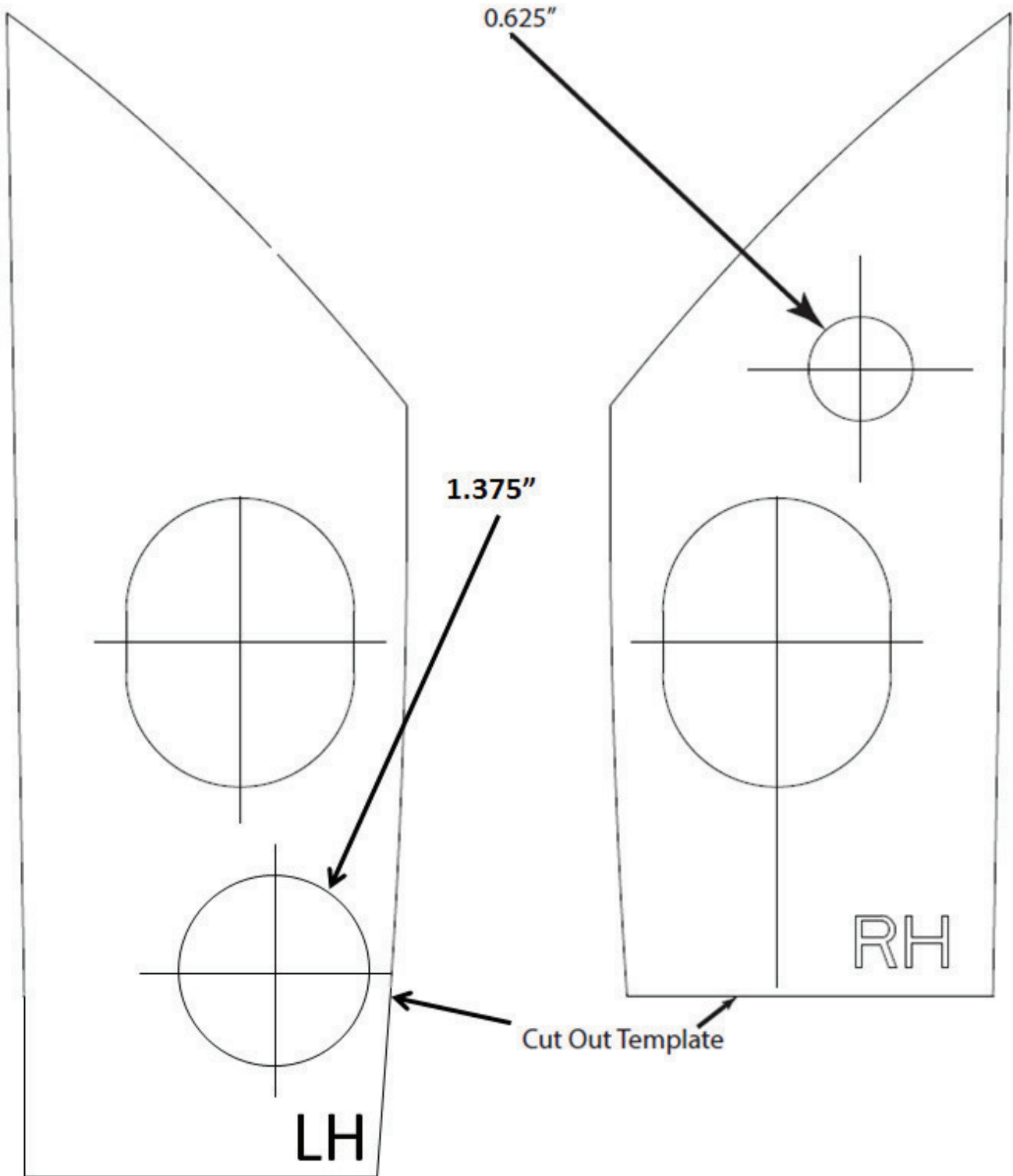
36±6 in. lbs. (4.07 Nm)

Torque the four bolts on the sides of the headlight housing to specification.

TORQUE

18±3 ft. lbs. (24.4 Nm)

Template



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Template for Amplifier Mounting

