



# INSTRUCTIONS

94100253

2022-04-28



## H-D AUDIO POWERED BY ROCKFORD FOSGATE - INNER FAIRING AUDIO KIT

### GENERAL INFORMATION

Table 1. General Information

Kits	Suggested Tools	Skill Level <sup>(1)</sup>
76200037	Safety Glasses, Torque Wrench, Molex Electrical Connector Terminal Remover (HD-48114)	

(1) Special tools or techniques required for installation

### KIT CONTENTS

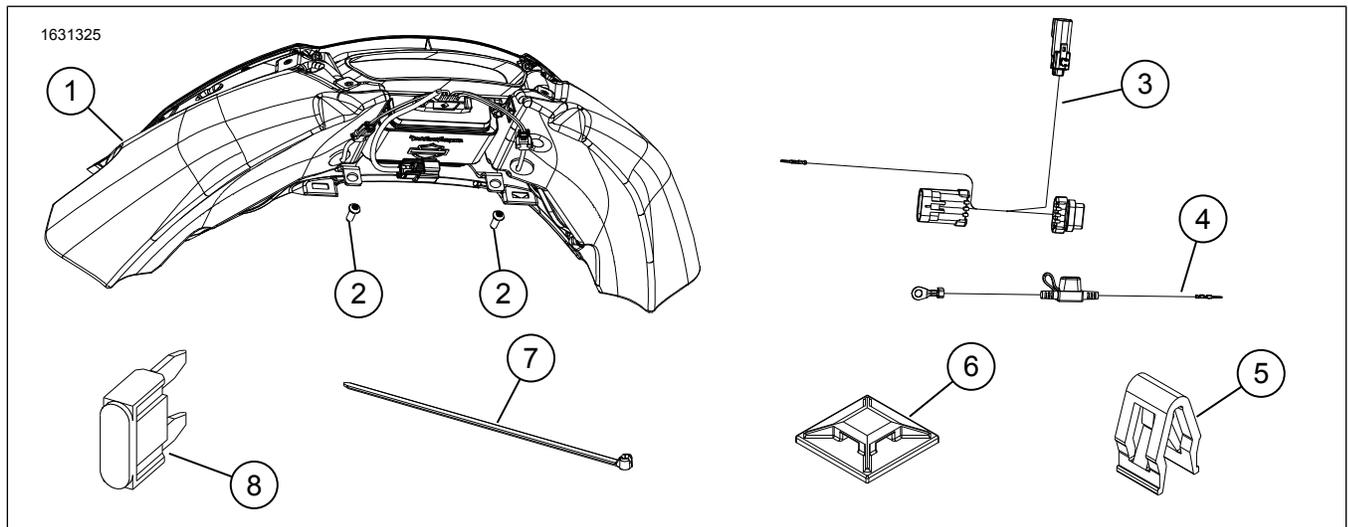
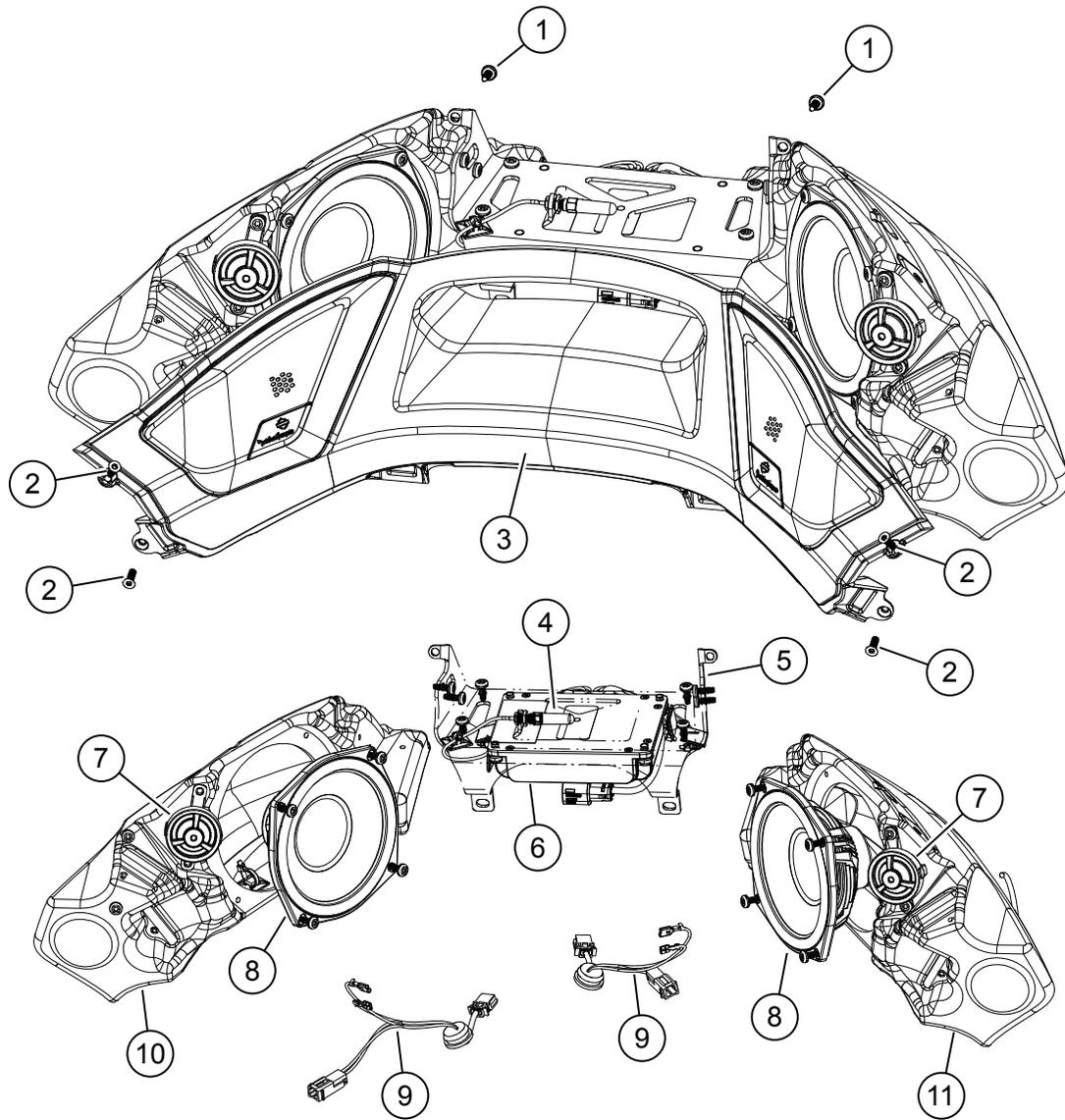


Figure 1. Kit Contents: H-D Audio Powered By Rockford Fosgate - Inner Fairing Audio Kit

Table 2. Kit Contents: H-D Audio Powered By Rockford Fosgate - Inner Fairing Audio Kit

Verify that all contents are present in the kit before installing or removing items from vehicle.					
<input checked="" type="checkbox"/>	Item	Qty	Description	Part No.	Notes
<input type="checkbox"/>	1	1	Inner fairing audio sub-assembly	Not sold separately	
<input type="checkbox"/>	2	2	Screw (with washer), button head TORX™	1062	
<input type="checkbox"/>	3	1	Harness, jumper	69202801	
<input type="checkbox"/>	4	1	Harness, fused power adapter	69202813	
<input type="checkbox"/>	5	4	Panel clip	12200064	Use as needed.
<input type="checkbox"/>	6	3	Retainer	69200342	Use as needed.
<input type="checkbox"/>	7	6	Cable strap	10065	Use as needed.
<input type="checkbox"/>	8	1	Fuse, mini type, 20 Amp	72345-02	



**Figure 2. Service Parts - H-D Audio Powered By Rockford Fosgate - Inner Fairing Audio Kit**

**Table 3. Service Parts - H-D Audio Powered By Rockford Fosgate - Inner Fairing Audio Kit**

Item	Description	Part No.	Notes
1	Screw, self tapping	10201291	
2	Screw, flat head	10201292	Torque 0.98–1.18 N·m (9–10 in-lbs)
3	Upper air deflector	76001086	
4	Antenna, Bluetooth	76001115	Torque 1.37–1.47 N·m (12–13 in-lbs)
5	Bracket, speaker enclosure	76001102	Torque (Item 1) 1.47–1.56 N·m (13–14 in-lbs)
6	Amplifier, audio system, 2-channel	76001074	
7	Tweeter	76001107	Torque (Item 1) 0.58–0.78 N·m (5–7 in-lbs)
8	Speaker	76001091	Torque (Item 1) 0.58–0.78 N·m (5–7 in-lbs)
9	Harness, wire, speaker	69202812	
10	Enclosure, speaker, inner fairing, left	76001090	
11	Enclosure, speaker, inner fairing, right	76001101	

## GENERAL

### NOTE

Only when a Bluetooth® connection has been established using the H-D Audio app, the normal process is the audio will fade-out and then fade-in.

## Models

For model fitment information, see the Parts and Accessories (P&A) Retail Catalog or the Parts and Accessories section of [www.harley-davidson.com](http://www.harley-davidson.com).

Verify that the most current version of the instruction sheet is used. It is available at: [h-d.com/isheets](http://h-d.com/isheets)

Contact Harley-Davidson Customer Support Center at 1-800-258-2464 (U.S. only) or 1-414-343-4056.

## Installation Requirements

### ⚠ WARNING

Rider and passenger safety depend upon the correct installation of this kit. Use the appropriate service manual procedures. If the procedure is not within your capabilities or you do not have the correct tools, have a Harley-Davidson dealer perform the installation. Improper installation of this kit could result in death or serious injury. (00333b)

### NOTE

This instruction sheet references service manual information. A service manual for the year and model motorcycle is required for this installation and is available from:

- A Harley-Davidson dealer.
- H-D Service Information Portal, a subscription-based access available for most 2001 and newer models. For more information see *Frequently ask questions about subscriptions*.

## PREPARE

1. Remove seat. See service manual.
2. Remove right and left side covers. See service manual.
3. Remove main fuse. See service manual.
4. Remove battery strap. See service manual.
5. Disconnect battery. See service manual.
6. Remove windshield. See service manual.
7. Remove outer fairing. See service manual.
  - a. Disconnect headlamp connector.

## REMOVE

1. See Figure 3. Remove and discard Original Equipment (OE) upper air deflector (1).
  - a. Release two outer panel clips (2).

- b. Pull on upper air deflector (1) straight back to release inner clips.

2. Inspect OE panel clips (2).

- a. If damaged or missing, replace with clips in kit.
- b. Make sure clips are properly installed and seated.

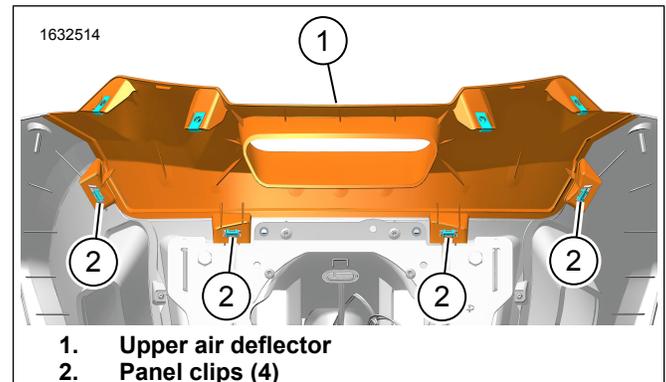


Figure 3. Front View Of Upper Air Deflector

- 3.

### NOTE

Be careful not to scratch the paint. Mask area off for extra protection.

See Figure 4. Remove and discard two outer fairing clip nuts (1).

- a. See Figure 5. Lift gasket (5).
- b. Lift on front of clip nut (3) using a pick (2).
- c. Use finger (4) and pull on backside of clip nut (3).

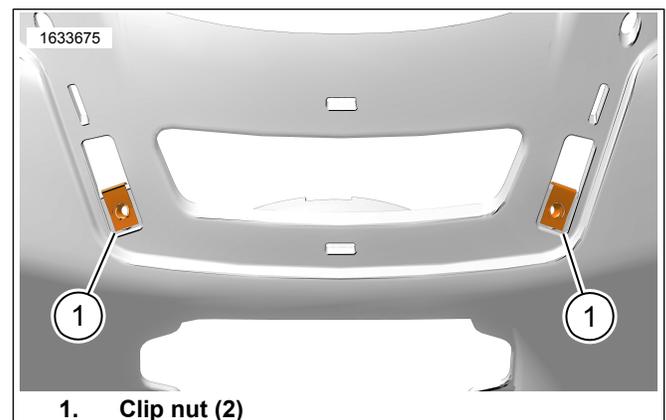


Figure 4. Outer Fairing Clip Nuts

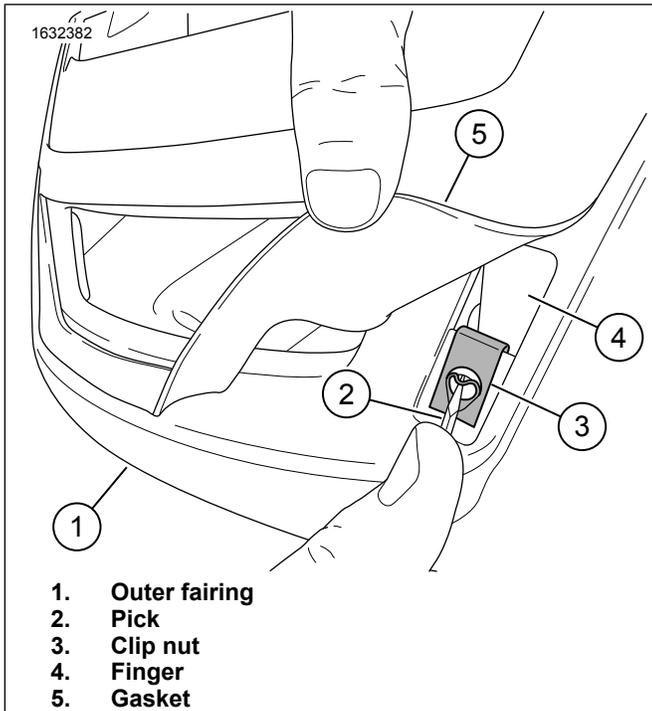


Figure 5. Outer Fairing Clip Nut Removal

## INSTALL

1. See Figure 6. Disconnect 16-way fairing harness connector [100A] (2) on fairing mounting bracket.
  - a. Remove plug from cavity 11.
 

Special Tool: MOLEX ELECTRICAL CONNECTOR TERMINAL REMOVER (HD-48114)

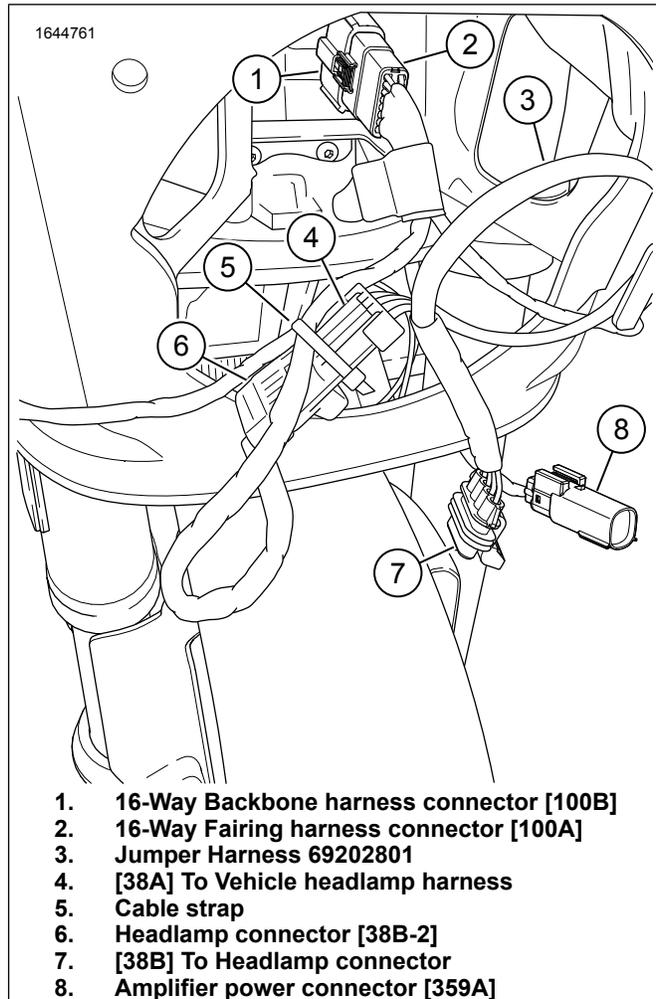


Figure 6. Fairing Harness

2. See Figure 7. Install red/yellow wire (4) to cavity 11 on 16-way fairing harness connector [100A]. See Figure 6.
 

Special Tool: MOLEX ELECTRICAL CONNECTOR TERMINAL REMOVER (HD-48114)
3. See Figure 6. Connect connector [38A] (3) to vehicle harness headlamp connector [38B-2] (6). Secure with cable strap (5).

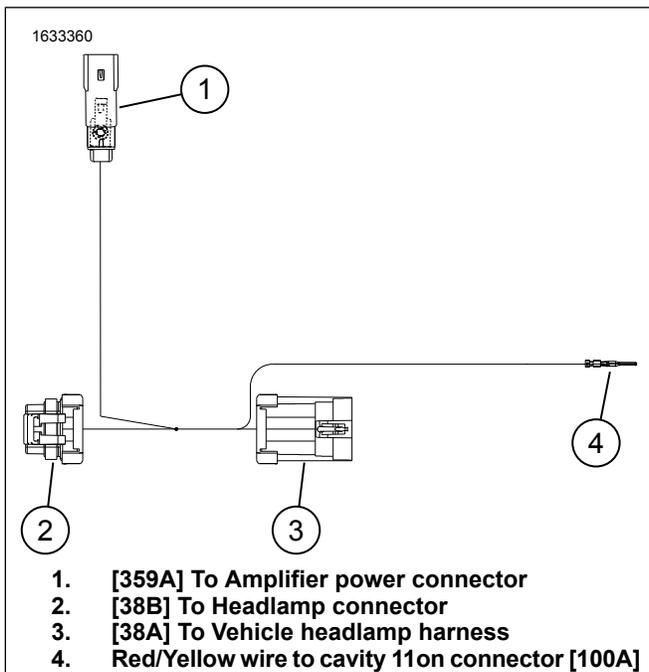


Figure 7. Jumper Harness 69202801

4. See Figure 8. Install audio sub-assembly to panel clips using the four mounting tabs (1).

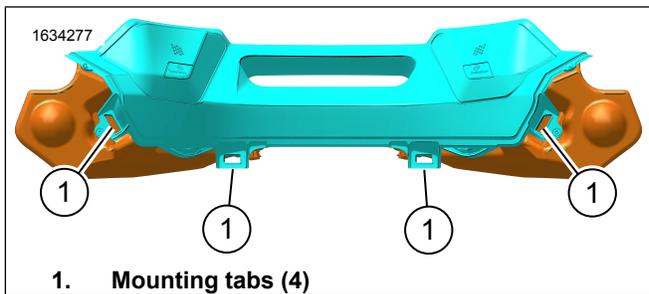


Figure 8. Audio Sub-Assembly Mounting Tabs

5. See Figure 9. Align bracket (2) with mounting holes on inner lower fairing.
6. Install screws (1). Tighten.  
Torque: 5.4–6.8 N·m (48–60 in-lbs)
7. See Figure 9. Connect amplifier connector [359B] (3) to connector [359A] (6).
  - a. See Figure 1. Use retainers (6) and cable straps (7) to secure loose wires as needed.
  - b. Install anchor of [359A/B] into inner lower fairing (5).

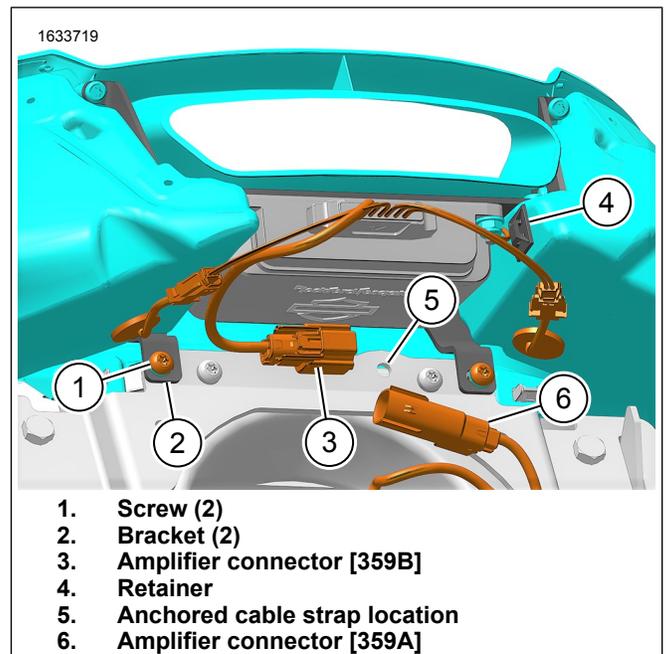


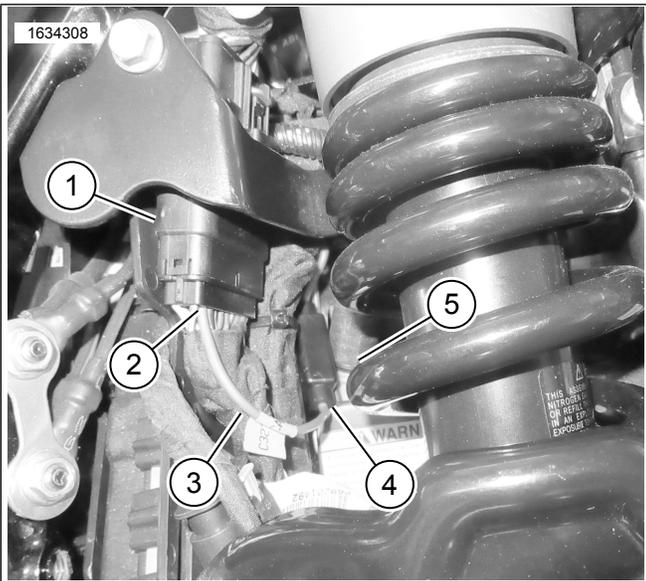
Figure 9. Audio Sub-Assembly

8. **NOTE**  
Vehicle components may have to be removed and set aside to gain access to 20-way backbone connector [327A]. See service manual.

See Figure 10. Gain access to 20-way backbone harness connector [327A] (1).

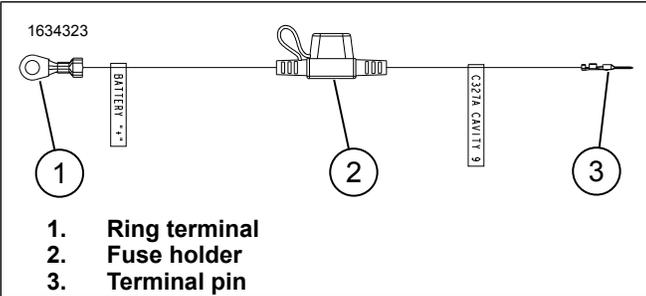
9. Remove seal pin from cavity 9 (2) of connector [327A].
10. See Figure 11. Install red terminal pin (3) of fused harness into cavity 9 (2) of connector [327A]. See Figure 10.

8. **NOTE**  
Make sure fuse **IS NOT** in the fuse holder before making connection.



1. 20-Way Backbone harness [327A]
2. Cavity 9
3. Fused harness 69202813
4. Fuse holder
5. Ring terminal

Figure 10. Fused Harness



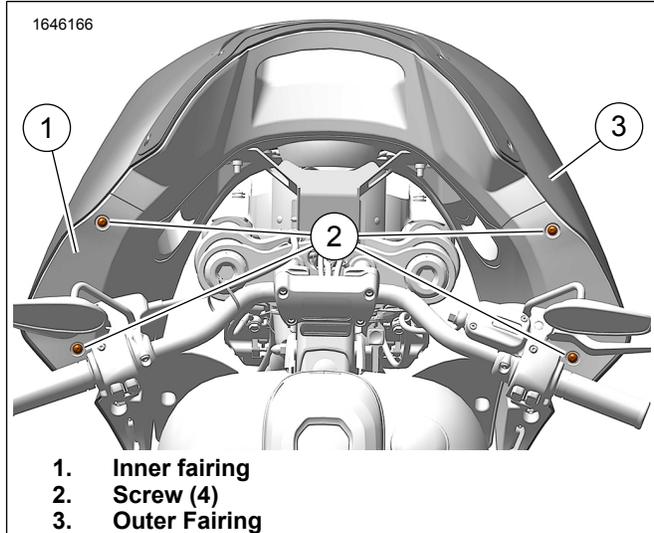
1. Ring terminal
2. Fuse holder
3. Terminal pin

Figure 11. Harness 69202813

## COMPLETE

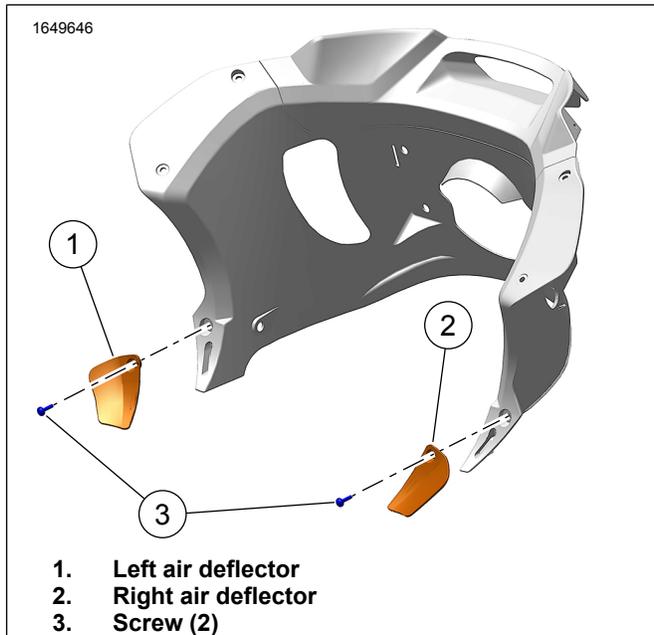
1. Install outer fairing.
  - a. See Figure 7. Connect connector [38B] to headlamp.
  - b. Make sure that audio sub-assembly and outer fairing are properly installed to lower inner fairing.
  - c. Make sure components fit and that no surfaces are misaligned.
  - d. Make sure no wires are pinched.
  - e. See Figure 12. Install four inner fairing (1) screws (2). Do not completely tighten at this time.
  - f. See Figure 13. Install air deflectors (1, 2) and screws(3). Do not completely tighten at this time.
  - g. See Figure 14. Position windshield (1) on windshield seal (3).
  - h. Install two lower windshield screws (5). Do not completely tighten at this time.

- i. See Figure 12. Tighten inner fairing screws (2).  
Torque: 2.8–3.4 N·m (25–30 in-lbs)
- j. See Figure 13. Tighten air deflector screws (3).  
Torque: 2.8–3.4 N·m (25–30 in-lbs)
- k. See Figure 14. Install upper four windshield screws (5).
- l. See Figure 14. Tighten all six screws (5).  
Torque: 0.6–0.8 N·m (5–7 in-lbs)



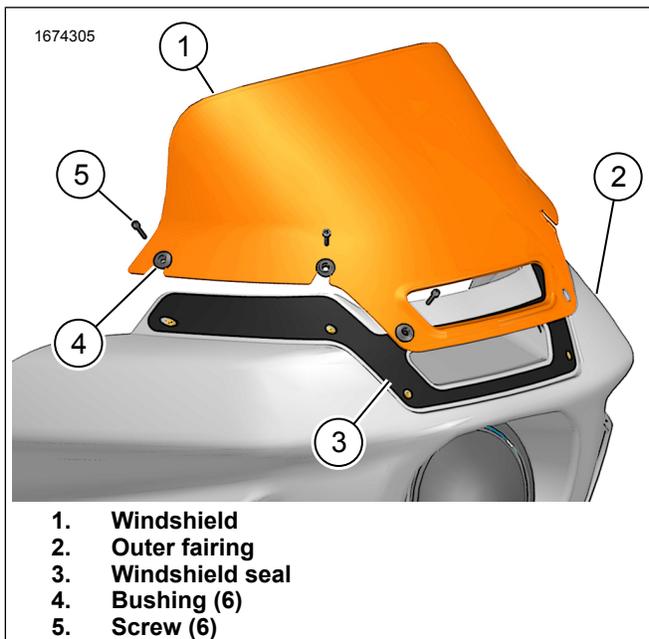
1. Inner fairing
2. Screw (4)
3. Outer Fairing

Figure 12. Outer Fairing



1. Left air deflector
2. Right air deflector
3. Screw (2)

Figure 13. Air Deflectors



**Figure 14. Windshield**

2. Connect battery. See service manual.
  - a. See Figure 11. Connect ring terminal (1) and positive battery cable to battery.
  - b. See Figure 11. Install fuse into fuse holder (2).
  - c. See Figure 10. Make sure to place fuse holder (4) down into the battery box area and out of the way of moving components. Secure with cable strap.
3. Install battery strap. See service manual.
4. Install main fuse. See service manual.
5. Install right and left side covers. See service manual.
6. Install seat. See service manual.
  - a. After installing seat, pull up on seat to verify that it is secure.
7. Verify headlamp operation.
8. Use Harley-Davidson Audio App to configure system: 7 band equalizer, update amplifier firmware, enable or disable automatic volume control.
  - a. Use appropriate App search engine to find app.
9. Check for firmware updates. Download as required.

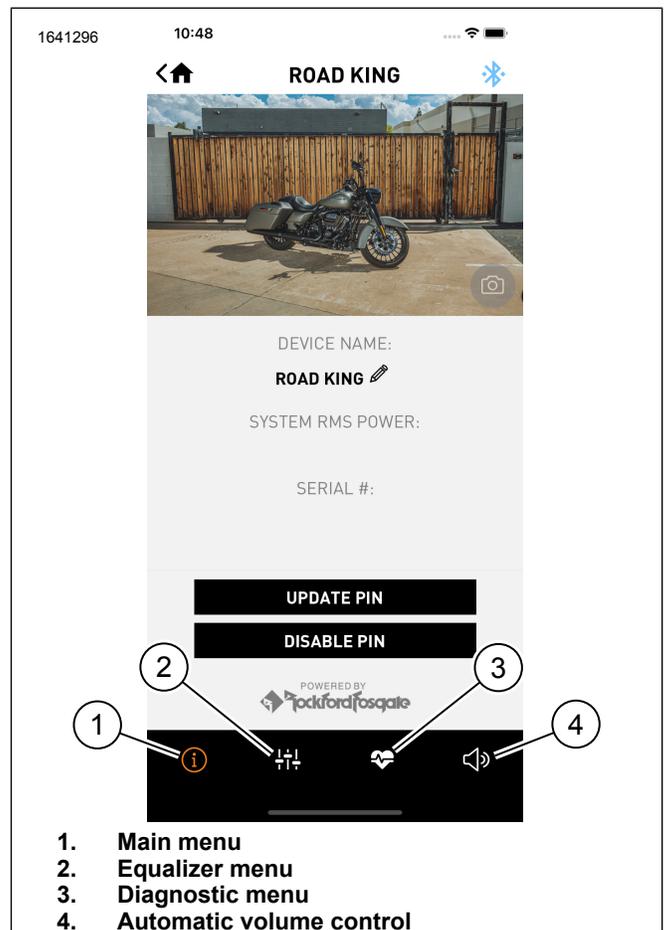
## HARLEY DAVIDSON AUDIO APP PIN RESET

1. With vehicle off, disable Bluetooth on any nearby devices that were connected to the audio system.

2. Perform five key cycles with at least ten seconds between each key cycle.
3. Enable Bluetooth on device to be connected to the audio system.
4. In H-D Audio mobile app reconnect to the system.
5. Create **new** PIN or disable PIN feature.

## FIRMWARE UPDATE

1. See Figure 16. Red circle indicates that there is an available firmware update (1).
2. Short description of update (2).
  - a. Download and update to update this version.
  - b. Press previous version (3) if that version is desired.
3. Select a version update (3) and proceed with update (4).
  - a. See Figure 15. Pressing Main Menu (1) icon will provide more information about the update.
4. Screen shows status of update (5) being applied to amplifier.



**Figure 15. Menu Bar**

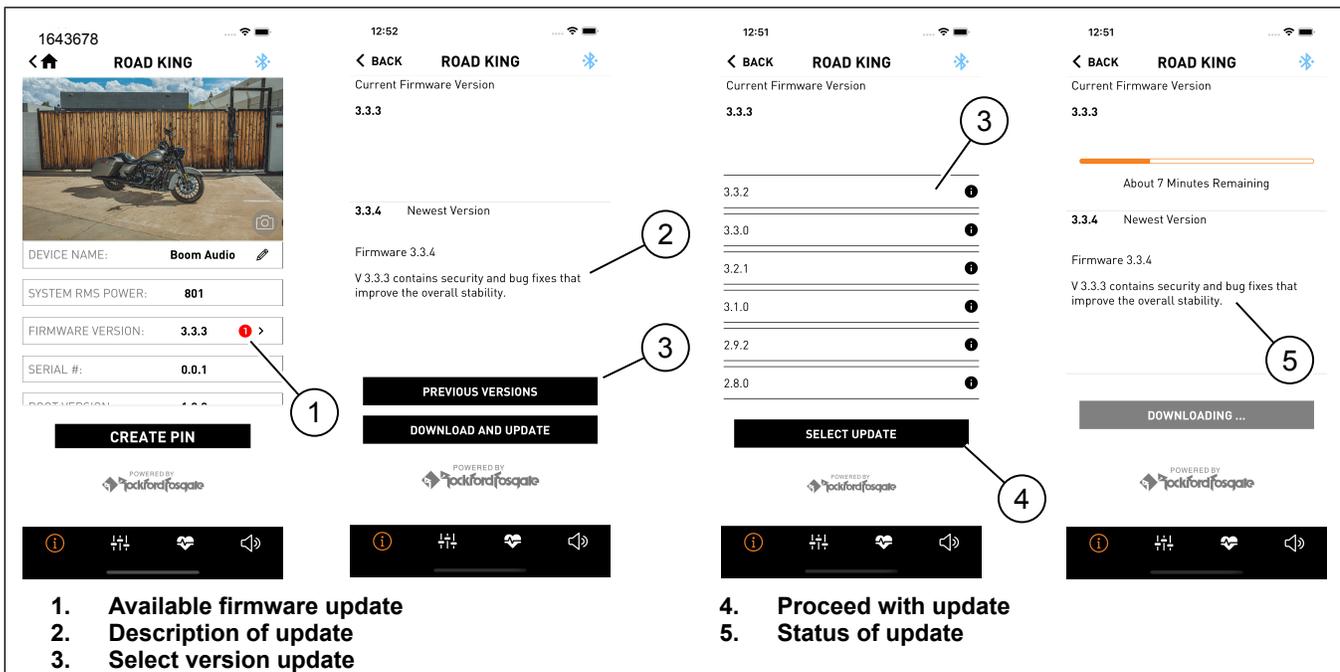


Figure 16.