

KICKER® 50HDR154

Motorcycle Audio Kit Installation Guide for Harley Davidson® Road Glide (FLTR) 2015–2023

Package Contents:

(1) Install Guide	(1) Wiring Harness	(6) Black Cable Ties	(1) Dummy Plug
(2) PSC652 KICKER Speakers	(2) 8-32 x 1/2" Button Head Bolts	(1) Amplifier Mounting Bracket	
(1) KPX3004 KICKER Amp	(2) 8-32 Nylock Nuts	(1) Mylar cover	

Important: Over-tightening mounting fasteners may result in damage to your motorcycle. Please refer to your service manual for proper procedures and torque specifications. KICKER is not responsible for damage resulting from improper installation techniques. This kit may not be compatible with some aftermarket head units.

PROGRAMMING HD RADIO

NOTE: It is necessary to re-flash your HD radio before installation of this kit.

Tools Needed: 10mm wrench or socket	Phillips head screw driver	Allen 3/16"
Torx T-30	Torx T-40	
Allen 9/64"	11/32" wrench or socket	
	Torx T-25	

1. Remove the seat and disconnect both positive and negative battery terminals.
2. Remove the windshield and outer fairing.
 - a. Once the windshield screws are removed, gently pull off the top vent/cowl piece. There are two plastic retainer clips that hold it on.
 - b. Remove your stock speaker grilles. Push them out from the inside of the fairing. They are fastened with a plastic retainer clip. **Fig 1.**
 - c. Unplug the turn signals. **Fig 2.**
 - d. Remove the lower T25 fasteners holding the air deflectors to the inner fairing. **Fig 3.**
 - e. Remove the 3/16" allen bolts holding the turn signals to the inner fairing. **Fig 4.**
 - f. While holding the fairing, carefully remove the two T30 bolts behind the speaker grilles to remove the outer fairing and set aside. **Fig 5.**
3. Remove the fuel tank.
 - a. Remove the console.
 - b. Unplug the fuel fitting on the left side of the tank.
 - c. Remove all four T40 mounting bolts and carefully lift the tank off the bike and set aside.
4. Remove wiring caddy cover.
 - a. Carefully release each tab along the caddy until it lifts completely. **Fig 6.**

SPEAKER INSTALLATION

5. Remove your stock speakers and replace them with your new PSC652 speakers in the kit.
 - a. Install the speaker into the pod and fasten with the original speaker screws. **Fig 7.**

GETTING STARTED

HARNESS INSTALLATION

6. Route speaker wires to their respective connectors. **Fig. 2**
 - a. Separate the speaker connectors and plug in the amplifier harness to each speaker. **Fig. 8 & Fig. 8a**
7. Plug the switched power harness into the 2-pin amp connector on the throttle side. **Fig. 9** (see also, Fig. 2 for location)
8. Plug the blue wire on the kicker harness into the switched power harness lead with one wire. **Fig. 9**
 - a. This allows for an accessory 12V port to remain available.
9. Route both power leads and rear speaker output plug along the clutch side of the neck and through the electrical caddy to the seat area.

AMP INSTALLATION

10. Remove the radio.
 - a. Unplug the four connectors on the back of the radio.
 - b. Remove the four 3/16" allen head bolts holding the radio to the chassis.
 - c. Gently remove the radio from the chassis.
11. Install the KPX300.4 amplifier onto bracket with supplied hardware.
 - a. Slide the end of the amplifier with the power connector port into the bracket and fasten with supplied hardware.
 - b. Install the 9/64" allen head bolts from the bottom and fasten the 11/32" locknuts onto the amplifier. **Fig. 10**
12. Carefully install bracket/amplifier assembly onto radio chassis by installing the assembly through the radio face port in the fairing and sliding the tabs of the bracket over the chassis. **Fig 11**
 - a. Bracket must be angled through radio opening. **Fig. 11a**
13. Attach amplifier to the harnesses power, speaker and input signal plugs. **Fig. 12**

SYSTEM SETUP - Fig. 13

Note: At this time, it is highly recommended to **set the amp gain to 0**. KICKER recommends that the **dip switches** be set up as follows:

Fader – On ↓ Input HI-PASS – Amp 1: 80 Hz (For Front) ↓ ↓ Input Gain controls – 0
level – HI ↓ Amp 2: 60Hz (6 x 9) ↑ ↓
80Hz (6.5" Tour Pack) ↓ ↓

Note: At this time it is highly recommended to use the included Mylar sticker to cover the dip switches as seen in **Fig. 14**

14. Plug the radio in, but do not reinstall it until the gain has been set.
 15. Test component function and set the gain to optimize system performance. if you are not using rear speakers it is recommended to leave the amp 2 gain turned all the way down.
 16. Carefully reassemble the motorcycle and enjoy your new audio system!
- Note: If you are not using rear speakers you will need to connect the Dummy Plug (fig. 15) to the rear speaker connector under the seat. For questions, please contact KICKER Technical Support at 800-256-0808, M-F 8:00 am – 5:00 pm CST or email at support@kicker.com.

