

Custom Dynamics® Dual Electromagnetic Horn Kit Installation Instructions



Part Numbers

CD-HORN-DUAL

Package Contents

Electromagnetic Horn (2)
Flat Brackets (4)
Nuts (2)
Dual Horn Cowbell Bracket (1)
Horn Relay Wiring Harness (1)
Horn Y-Harness (1)
6" Cable Ties (5)
Cable Tie Holders (2)
Instructions (1)



Fitment

2010-2024 Harley-Davidson® Ultra Limited (FLHTK), 2020-2024 Road Glide Limited (FLTRK), 2017-2025 Road King Special (FLHRXS), All 2023-Earlier Electra Glide/Ultra (FLHT), Road Glide (FLTR), Street Glide (FLHX) and Road King (FLHR) models including CVO™, 2009-2025 Tri Glide Ultra (FLHTCUTG), 2010-2011 Street Glide Trike (FLHXXX), 2020-2022 CVO™ Tri Glide (FLHTCUTGSE), 2015-2025 Freewheeler (FLRT), 2023-2025 Road Glide 3 (FLRTR), 2022-Earlier Sportster 1200 Custom (XL1200C), Super Low (XL1200T) and Seventy-Two (XL1200V), 2017-Earlier Dyna models (Except 2014-2017 FXDL/FXDLS), 2017-Earlier Softail models (Except FXSB/FXSE, FXS, FXCW/FXCWC).

Note

Universal Fitment: Works on all 12V systems, this includes most motorcycles, pickup trucks and cars. It also comes with a universal mounting backing for easy installation.

Suggested Tools

Safety Glasses
1/2" Socket
3/8" Socket

Installation

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 qualified technician perform the installation. Improper installation of this kit could result in death or serious injury.

1. Remove all necessary parts to disconnect the negative battery cable from the battery.
2. Remove the OEM horn and save the OEM mounting nut for reinstallation. Do not remove the mounting stud and isolator bushing. Shown in **Figure 1**.

Note

Removing the isolator bushing will void the warranty of the Dual Electromagnetic Horns.

3. The horn labeled with "H" is the High Tone horn. The horn labeled with "L" is the Low Tone horn. Connect the long black [-] wire and long red [+] wire of the supplied Horn Y-Harness to the High Tone horn terminals. The horn terminals are not polarity sensitive.

Questions? Email: Info@CustomDynamics.com or Call us at: 1(919)554-0949 M-TH 8:30AM-5:30PM, F 9:30AM-5:30PM EST

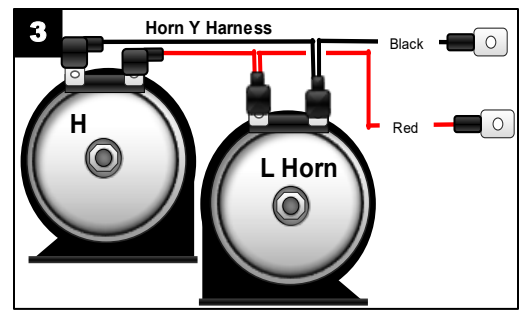
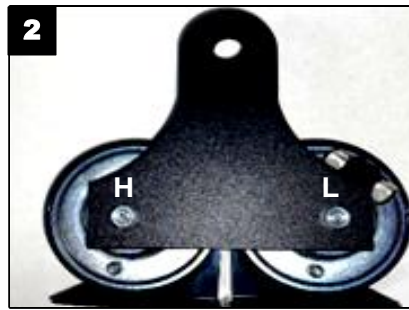
Installation Instructions Continued - 2

- Mount both Dual Electromagnetic Horns to the Dual Horn Cowbell Bracket using supplied Nuts. The High Tone horn will mount on the left side and the Low Tone horn will mount on the right side. Shown in **Figure 2**.
- Connect the remaining black [-] and red [+] wires of the Horn Y-Harness to the Low Tone horn. Route the wires behind the Dual Horn Cowbell Bracket. All wire connections shown in **Figure 3**.

Note

Make sure that the female spade connectors that are connected to the horns do not touch the Dual Horn Cowbell Bracket, bend the horns male spade connectors slightly if necessary.

- Clean the back of the Dual Horn Cowbell Bracket with denatured alcohol. Remove the adhesive backing from the relay of the supplied Horn Relay Wiring Harness. Using the supplied Cable Ties and Cable Tie Holders to secure the wires from being cut, frayed or pinched.
- Connect the long wire female spade terminals of the Horn Relay Wiring Harness to red [+] and black [-] male spade terminals on the Horn Y-Harness.
- Plug the red wire [+] from the Horn Relay Wiring Harness into positive horn wire of the motorcycle (typically red). Plug black wire [-] from the Horn Relay Wiring Harness into the negative horn wire of the motorcycle (typically black). Shown in **Figure 4**.
- Connect the wire with the attached fuse to the positive post of the battery, route fused wire along the frame under the tank towards the battery.
- Mount the Dual Electromagnetic Horn Bracket assembly using the OEM mounting nut. Shown in **Figure 5**.



- Using the supplied Cable Ties to secure all wires from being cut, frayed or pinched.
- Reconnect the negative battery cable to the battery and reinstall all necessary parts.
- Test the new Custom Dynamics® Dual Electromagnetic Horn Kit for proper operation.

Installation Universal

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 qualified technician perform the installation. Improper installation of this kit could result in death or serious injury.

- Remove all necessary parts to disconnect the negative battery cable from the battery.
- The horn labeled with "H" is the High Tone horn. The horn Labeled with "L" is the Low Tone horn. Connect the long black [-] wire and long red [+] wire of the Horn Y-harness to the High Tone horn terminals.

Questions? Email: Info@CustomDynamics.com or Call us at: 1(919)554-0949 M-TH 8:30AM-5:30PM, F 9:30AM-5:30PM EST

Installation Instructions Continued - 3

Note

For alternative mounting, use the universal mounting brackets included with the horn. If there is limited room, you can also install the horns separately to both sides of your vehicle. The supplied Y Harness will need to be extended if mounted in separate locations. This will result in better sound coverage.

- Mount both Dual Electromagnetic Horns to the Dual Horn Cowbell Bracket using supplied Nuts. The High Tone horn will mount on the left side and the Low Tone horn will mount on the right side. Shown in **Figure 2**.
- Connect the remaining black [-] and red [+] wires of the Horn Y-Harness to the Low Tone horn. All wire connections shown in **Figure 6**.

Note

Make sure that the female spade connectors that are connected to the horns do not touch the Dual Horn Cowbell Bracket, bend the horns male spade connectors slightly if necessary.

- Mount the Dual Horn Cowbell Bracket to the vehicle.

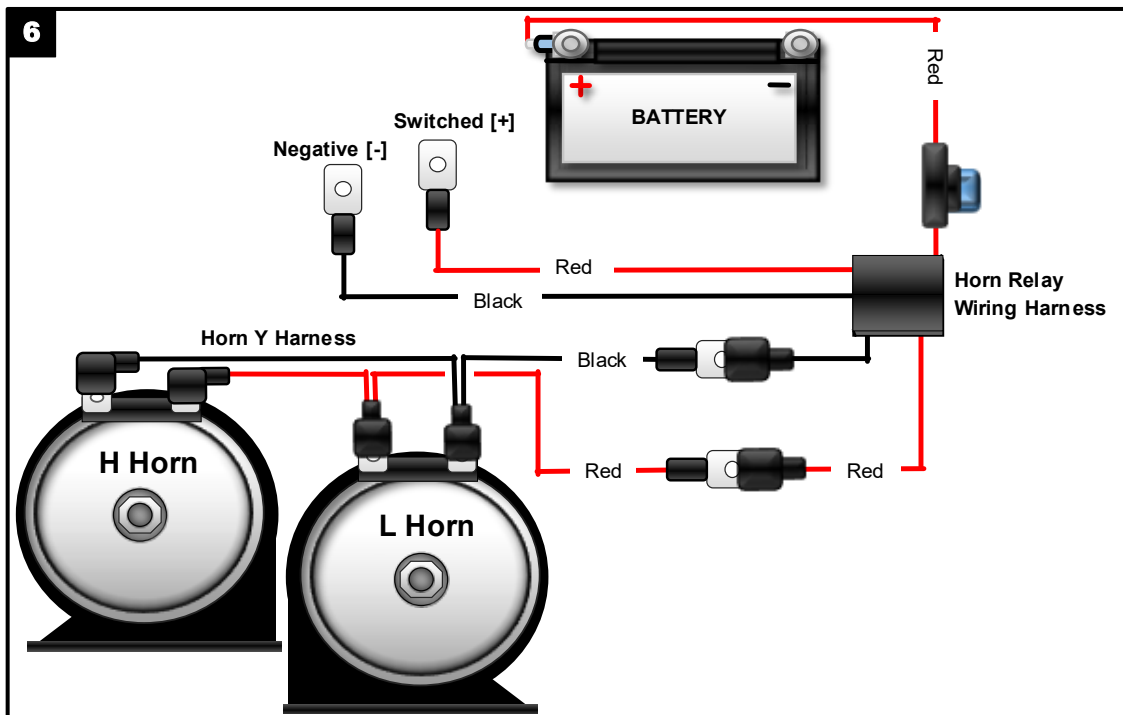
Note

Keep OEM horn along side both Dual Electromagnetic Horns for triple tones.

- Connect the long wire female spade terminals of the Horn Relay Wiring Harness to red [+] and black [-] male spade terminals on the Horn Y-Harness. Shown in **Figure 6**.
- Plug the red wire [+] from the Horn Relay Wiring Harness into the switched positive horn circuit of the vehicle. Plug black wire [-] from the Horn Relay Wiring Harness into the negative horn circuit of the vehicle. Shown in **Figure 6**.

Note

If using alongside the stock horn for triple tones, you will have to cut off the male terminals (labeled, negative and switched [+], shown in **Figure 6**) of the Horn Relay Wiring Harness and hardwire to the vehicles horn circuit.



- Connect the wire with the attached fuse to the positive post of the battery.
- Reconnect the negative battery cable to the battery and reinstall all necessary parts.
- Using the supplied Cable Ties to secure all wires from being cut, frayed or pinched.
- Test the new Custom Dynamics® Dual Electromagnetic Horn Kit for proper operation.