

Custom Dynamics® Electromagnetic Horn Kit Softails Installation Instructions



Part Numbers

CD-HORN-18ST

Package Contents

Electromagnetic Horn (1)
Softail Mounting Bracket (1)
Flat Brackets (2)
Nut (1)
Instructions (1)



Fitment

2018-2024 Harley-Davidson® Softail Street Bob (FXBB/FXBBS), Heritage Classic (FLHC/FLHCS), Fat Boy (FLFB/FLFBS), 2018-2023 Fat Bob (FXFB/FXFBBS), 2020-2024 Softail Standard (FXST), 2018-2020 Deluxe (FLDE), 2011-2013 Blackline (FXS), 2013-2020 Breakout (FXSB/FXSR) and CVO Pro Street Breakout (FXSE), 2023-2024 Breakout 117 (FXBR), 2018-2023 Sport Glide (FLSB) and Slim (FLSL), 2019-2020 FXDR, 2014-2017 Dyna Low Rider (FXDL) and Low Rider S (FXDLS), 2018-2020 Softail Low Rider (FXLR), 2020-2024 Softail Low Rider S (FXLRS), 2022-2024 Softail Low Rider ST (FXLRST) and 2022 Low Rider El Diablo (FXRST).

Note

Not compatible with 2025+ Softail Models.

Suggested Tools

Safety Glasses
3/8" Socket
T25 TORX Socket

Installation Softail

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 both side covers.
3. Locate the OEM horn on the front of the motorcycle in between the front down tubes of the frame. Remove the OEM bolt that holds on the plastic cady and OEM horn bracket. Lower the plastic cady and OEM horn down to access to the two TORX fasteners. Shown in **Figure 1**.
4. Remove the OEM horn with the OEM Y-bracket assembly from the plastic cady by removing the two TORX screws on either side of the OEM Y-bracket. Disconnect electrical connectors. Save both OEM TORX screws and bolt for reinstallation. Shown in **Figure 1**.
5. Remove flat OEM horn bracket and OEM horn from the OEM Y-bracket by removing both TORX screws. Set aside the OEM flat bracket, OEM horn and two TORX screws as they will not be used for reinstallation. Shown in **Figure 2**.
6. The two supplied Flat Brackets will not be used for installation. Shown in **Figure 3**.
7. Reinstall OEM Y-bracket to the plastic cady using OEM TORX screws.

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Installation Instructions Continued - 2

- Mount supplied Electromagnetic Horn to the supplied Softail Mounting Bracket. Tighten supplied Nut on the Electromagnetic Horn stud.

Note

The smaller diameter hole on the Softail Mounting Bracket is intended for the Electromagnetic Horn.

- Connect the motorcycles horn wires to the Electromagnetic Horn terminals. Shown in **Figure 4**.

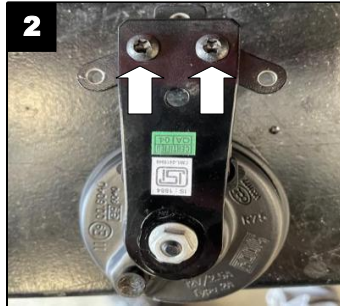
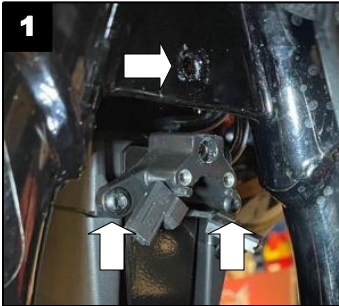
Note

The terminals are not polarity sensitive.

- Use the supplied Cable Ties to secure all wires from being cut, frayed or pinched.
- Mount the Electromagnetic Horn and Softail Mounting Bracket with the OEM bolt back to the motorcycle.

Note

If Model has a high engine guard the Electromagnetic Horn bracket may have to be bent slightly to clear fairing support bar. Shown in **Figure 4**.



- Reconnect the negative battery cable to the battery and reinstall all necessary parts including both side covers.
- Test the new Custom Dynamics® Electromagnetic Horn Kit for 25+ Softail Models for proper operation.

Installation Dyna

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.
- Remove the OEM horn from the OEM horn mounting bracket by loosening the horn mounting nut. Disconnect wiring from the horn terminals.

Note

The supplied Softail Mounting Bracket and Flat Brackets will not be used in this application.

- Mount the supplied Electromagnetic Horn to the OEM horn mounting bracket using the supplied Nut to the Electromagnetic Horn stud.
- Connect the motorcycles horn wires to the Electromagnetic Horn terminals.

Note

The terminals are not polarity sensitive.

- Make sure that the spade connectors on the Electromagnetic Horn do not touch the OEM horn mounting bracket or frame. It may be necessary to bend them slightly.
- Reconnect the negative battery cable to the battery and reinstall all necessary parts.
- Test the new Custom Dynamics® Electromagnetic Horn Kit for proper operation.

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