



# Tag Mount Installation Instructions for 2018 Harley-Davidson® Softail® Fat Bob®

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## GENERAL

### Kit Number

CMS-20180810-001

### Models

This product is only compatible with the 2018 Harley-Davidson® Softail® Fat Bob®.

### Installation Requirements

This product is designed to hold a standard North American motorcycle license plate and license plate frame with a combined weight not to exceed 2 (two) pounds. Do not attach anything other than a standard North American license plate and license plate frame to this mount.

This product can be used with the Softail Detachable Racks or with the Softail Detachable Sissybar available from Harley-Davidson.

Loctite 243 Medium Strength Threadlocker and Sealant – Blue (HD Part number 99642-97) is required for proper installation of this product.

#### ⚠ WARNING

**THIS PRODUCT IS DESIGNED TO BE INSTALLED AND USED ONLY ON MOTORCYCLES FITTED WITH AN OE SIZE REAR TIRE. INSTALLING THIS PRODUCT ON A MOTORCYCLE EQUIPPED WITH A LARGER REAR TIRE COULD RESULT IN DAMAGE TO THE MOTORCYCLE, DEATH OR SERIOUS INJURY TO THE RIDER, OR BOTH.**

#### ⚠ WARNING

The rider's safety depends upon the correct installation of this product. Read and follow each step of these installation procedures. Use appropriate service manual procedures where available. If the procedure is not within your capabilities or you do not have the correct tools, have a qualified service technician or Harley-Davidson dealer perform the installation for you. Improper installation of this product could result in vehicle damage, death or serious injury, or both.

#### NOTE

*This instruction sheet references service manual and/or auxiliary Harley-Davidson product information that may be required to complete this installation. These are available from a Harley-Davidson dealer.*

#### FEDERAL, STATE AND LOCAL LAWS

Check state and local laws regarding the use of this product and ensure that all laws are obeyed. Most states require tag illumination and wiring is not included. The tag mount has been designed to work with the OE reflector where required by law.

## PREPARATION

### Kit Contents

- 1 (one) pair of tag mount rails
- 1 (one) set of installation instructions
- 1 (one) Cadence Motorsports decal

## Tools Required

- 3/8" ratchet
- 3/8" drive torque wrench
- T-30 Torx socket, 3/8"
- T-47 Torx socket, 3/8" drive (for OE Torx Fender Mounting Bolts)
- 5/16" Allen socket, 3/8" drive (for OE Holdfast Docking Kit Bolts)

You may also need an assortment of wiring tools, volt meter, soldering iron and solder, heat-shrink tubing and more based on your selected tag illumination choice.

## Wiring Plan

This product does not include any tag illumination wiring or detailed wiring instructions. Plan your tag illumination before you begin installation. Cadence Motorsports recommends the Custom Dynamics LPF-RAD illuminated tag frame.

#### ⚠ WARNING

**The OE routing for tag illumination wiring uses the external fender support rails. If you plan to route wiring through your OE rear fender, seek the assistance of a qualified service technician or Harley-Davidson dealer.**

## INSTALLATION

#### ⚠ WARNING

To prevent accidental vehicle start-up, which could cause death or serious injury, remove main fuse before proceeding. Refer to your service manual for the proper procedure for removing your main fuse.

#### ⚠ WARNING

If motorcycle has been running, wait until engine and exhaust pipes have cooled before performing any installation steps to avoid injury. Secure the bike in a proper service stand.

#### NOTE

*If your motorcycle is equipped with the Harley-Davidson Holdfast Docking Kit, refer to the installation instructions for the Holdfast Docking Kit for proper installation and bolt torque procedures.*

1. Remove the two OE fender bolts or OE Holdfast Docking Hardware bolts from each side of the fender (Fig 1-A).

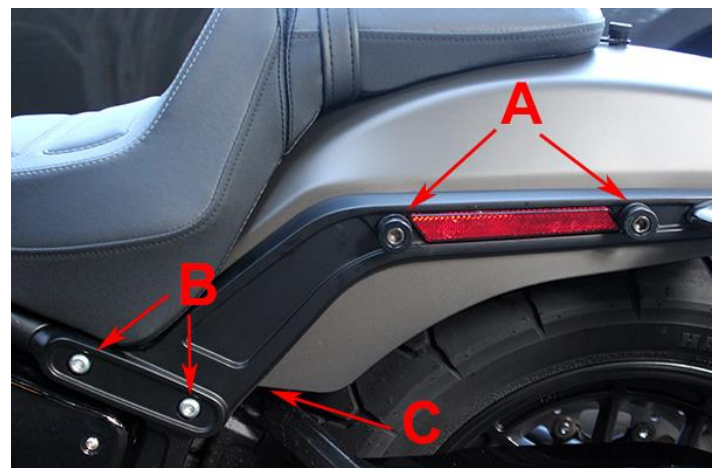


Fig 1

2. Remove the fender mounting bands from the inside of the fender.

3. Insert the fender mounting band in the slots of the tag mount (Fig 2). Note that the fender mounting bands have a bend in one end. The bend goes toward the front of the bike. Failure to install the fender mounting band in the proper direction could result in cross-threading of the OE bolts.

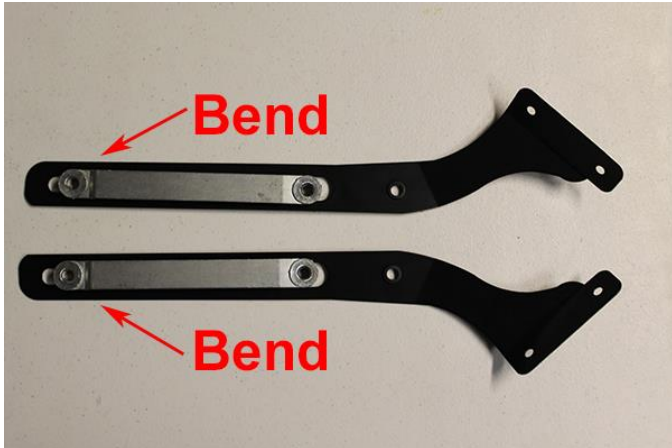


Fig 2

4. Reinstall the fender mounting band on the right side with the mount sandwiched between the fender mounting band and the fender.

5. Reinstall the OE fender bolts on the right side but do not tighten the bolts or apply Loctite. You will need to adjust the mount position or remove the mounts to complete your tag illumination wiring.

#### NOTE

*You must de-pin and re-pin the brake light wiring and reroute the factory tag illumination light wiring to remove the factory tag mount. Seek assistance from a qualified wiring technician to ensure that your wiring is correctly connected and operating properly.*

6. Remove the two OE external fender mounting bolts (Fig 1-B) and the one internal fender mounting bolt (Fig 1-C) to remove the fender support from the bike. Be careful not to pull on the wiring that is channeled through the fender support.

7. Remove the brake light mounting bolt from the end of the fender support.

8. De-pin the brake and tag light wiring and remove the OE tag mount. You can reassemble the OE tail light using the stock OE short spacer or replace the OE spacer with a factory long spacer to match the right-side brake light spacer. (Harley-Davidson part #69438-06 chrome or Harley-Davidson Part #69933-08 black, not included).

9. Reconnect the tail light wiring and test for proper brake, turn and flasher operation.

10. Reinstall the tail light using the OE tail light bolt and torque to Harley-Davidson specifications.

11. Repeat steps 3 through 5 for the left side installation of the tag mount.

12. Complete your tag illumination wiring and carefully route your wiring through the fender wiring channel to reinstall the fender support.



Fig 3

13. Install your tag and/or tag frame (Fig 3). The tag mount was designed with a small amount of adjustability both in/out and up/down. Position the tag mount to your liking and apply LOCTITE 243 MEDIUM STRENGTH THREADLOCKER AND SEALANT (BLUE) to the OE fender mounting bolts and tighten the bolts to the torque specifications recommended by Harley-Davidson. Use caution not to pinch any wiring running through the fender support channels.

#### NOTE

*The tag mount rails are designed to mold to the shape of the fender mounting bands and the curves of the fender as the mount rail is tightened into place. If you remove the tag mount you may see this shaping. This is normal.*

14. Enjoy the new streamlined look of your motorcycle.

#### NOTE

*Avoid the use of pressure washers, harsh chemicals or abrasive cleaners as they may damage the finish of your tag mount.*

#### LIMITED WARRANTY

Your Cadence Motorsports tag mount is guaranteed to the original purchaser to be free of manufacturing defects in materials and workmanship for a period of twelve (12) months from the date of purchase. If your tag mount fails to conform to these conditions it will be repaired or replaced at Cadence Motorsports' option if the mount is returned to us within the 12-month warranty period or within 10 days thereafter.

In the event warranty service is required, the original purchaser must email Cadence Motorsports immediately with a detailed description of the problem. Some problems can be rectified by email and require no further course of action.

If your Cadence Motorsports tag mount is suspected of being defective, it must not be replaced by a dealer without prior authorization from Cadence Motorsports. If it is deemed necessary for Cadence Motorsports to make an evaluation to determine whether the tag mount is defective, a return authorization number must be obtained from Cadence Motorsports prior to returning the tag mount to Cadence Motorsports. The tag mount must be packaged properly to ensure no further damage and returned to Cadence Motorsports with a copy of the original invoice or purchase receipt and a detailed letter outlining the nature of the defect, how the part was used and the circumstances at the time of failure. Customer is responsible for all return shipping costs. Repair, replacement or refund will be granted only after an evaluation has been made by Cadence Motorsports.

Cadence Motorsports shall have no obligation if a Cadence Motorsports part becomes defective in whole or in part as the result of improper installation, improper care or maintenance, improper use, abnormal operation, modification, or any other misuse or mistreatment of the Cadence Motorsports part.

Cadence Motorsports shall not be liable for any consequential or incidental damages resulting from the failure of a Cadence Motorsports part, the breach of any warranties, the failure to deliver, delay in delivery, delivery in non-conforming condition, or for any other breach of contract or duty between Cadence Motorsports and a customer.