



Installing the Custom Dynamics LPF-RAD Tag Frame with the Cadence Motorsports 2018 and Later Harley-Davidson® Softail® Fat Bob®, Street Bob®, Standard® or Slim® Tag Mount

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GENERAL

These instructions are applicable to the Cadence Motorsports CMS-20180810-001 and CMS-20190627-001 Tag Mounts.

Installation Requirements

Refer to the Custom Dynamics LPF-RAD installation instructions, included with this kit, for additional information.

Loctite 243 Medium Strength Thread locker 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. 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) Custom Dynamics LPF-RAD tag frame kit
- 5 (five) stick-on zip tie mounts
- 6 (six) small zip ties

Tools Required

Small pair of side cutters

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.

1. Remove the seat.
2. Remove the two OE fender bolts or OE Holdfast Docking Hardware bolts from the left side of the fender (Fig 1-A) and loosen the OE fender bolts on the right side.
3. Remove the two OE external fender support bolts (Fig 1-B) and the one internal fender mounting bolt (Fig 1-C) to remove the (left side only) fender support from the bike. Be careful not to pull on the wiring that is channeled through the fender support.
4. Remove the OE tag light wiring from the fender mount channel.
5. Route the OE tag light wiring under the edge of the fender to the rear of the bike (Fig 2).
6. Using the supplied alcohol wipes, clean the locations where you plan to attach the stick-on zip tie mounts under the fender (Fig 2).

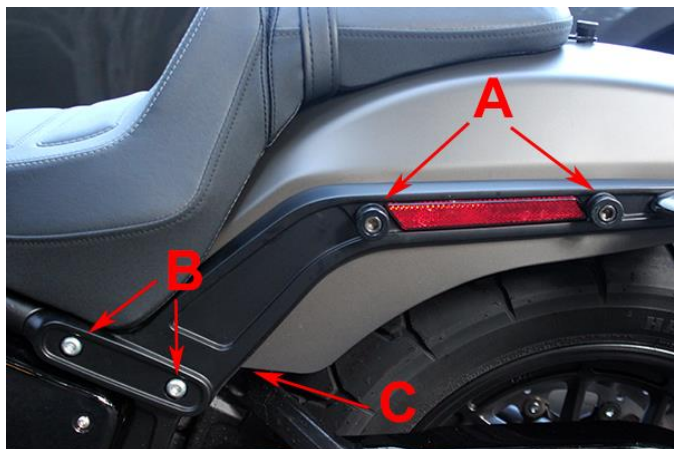


Fig 1 (Fat Bob)

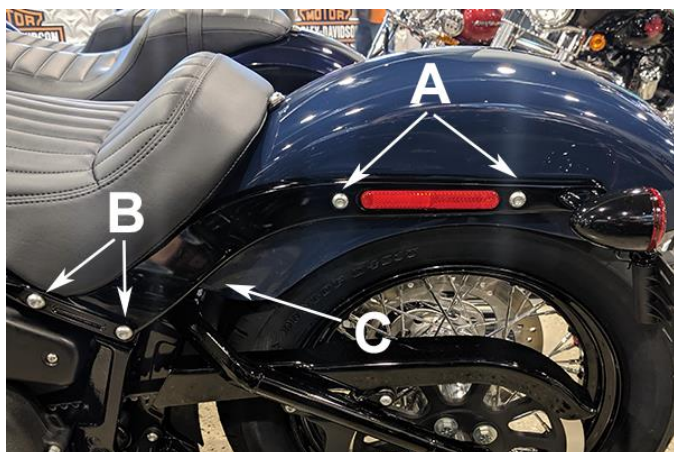


Fig 1 (Softail Street Bob, Standard or Slim)

7. Stick the zip tie mounts into place (Fig 2).

8. Using the supplied small zip ties, secure the OE tag light wires to the zip tie mounts (Fig 2).



Fig 2

9. Follow the instructions supplied with the Custom Dynamics LPF-RAD Tag Frame to connect the tag frame to the OE tag light wires. This should be as simple as connecting the white wires together then connecting the black wires together. We recommend that you solder the wires together and use heat shrink wrap to protect the connections. We also recommend that you leave a couple inches of play in the wires to allow easier removal of the tag frame when it's time to update your registration decals or replace your tag.

10. Install the tag frame to your Cadence Motorsports tag mount using the hardware supplied in the Custom Dynamics LPF-RAD tag frame kit (Fig 3).



Fig 3

11. 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.

