



# INSTRUCTIONS

J04890

2009-08-17



## REDUCED REACH FOOTBOARD SUPPORT KIT

### GENERAL

#### Kit Number

50789-99B

#### Models

For model fitment information, see the P&A Retail Catalog or Parts and Accessories section of [www.harley-davidson.com](http://www.harley-davidson.com) (English only).

#### ⚠ WARNING

Rider and passenger safety depend upon the correct installation of this kit. If the procedure is not within your capabilities or you do not have the correct tools, have a Harley-Davidson dealer perform the installation. Improper installation of this kit could result in death or serious injury. (00308b)

#### Additional Parts Required

Loctite® 243, Threadlocker and Sealant - blue (99642-97).

#### Additional Contents

This kit does not include footboards. Stock footboards may be re-used or purchased separately. See a Harley-Davidson dealer.

#### Kit Contents

See Figure 2 and Table 1.

### REMOVAL

1. Remove passenger footboard and support assemblies from motorcycle.
2. See Figure 1. Remove footboard (8) from footboard supports by carefully lifting up the inside corners of the rubber footboard insert (9) to expose the pivot pins. Do not remove the footboard insert from the footboard pan as it can be difficult to install.
3. Remove pivot pins (3) by pushing pins toward the outside of the footboard until the footboard is free of the mounting lugs. Be aware that the springs (4) and balls (5) may fall out when the footboard pan is removed.
4. Remove the springs (4) and balls (5). Save for installation.

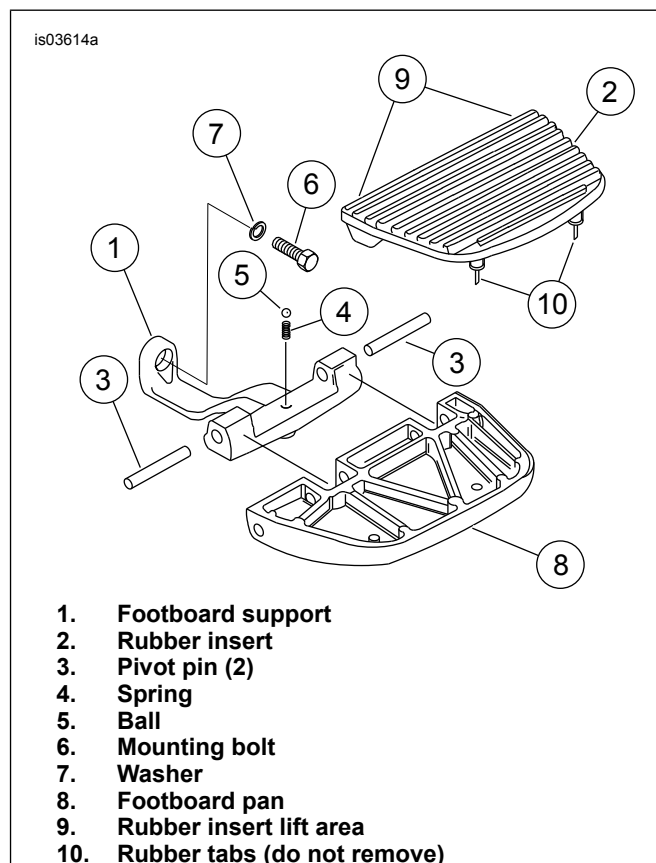


Figure 1. Stock Footboard Mounting

### INSTALLATION

#### NOTE

- If necessary, remove any paint from counterbore holes of footboard brackets to ease the installation of the pivot pins.
  - **On 2009-Earlier Models:** The footboard support must be installed in the top position on the frame (remove the plastic plug from the top threaded hole if necessary).
1. Apply Loctite 243 to the 3/8 inch screw removed from the stock footboard support. Loosely install the bolt through the slot in the footboard support and into the lowest threaded hole in the frame (2nd hole from the bottom).
  2. Install the upper screw (3) and lockwasher (4) through footboard bracket (1). Tighten screw to 49–56 N·m (36–42 ft-lbs).
  3. Tighten the lower screw to 49–56 N·m (36–42 ft-lbs)



# NOTE

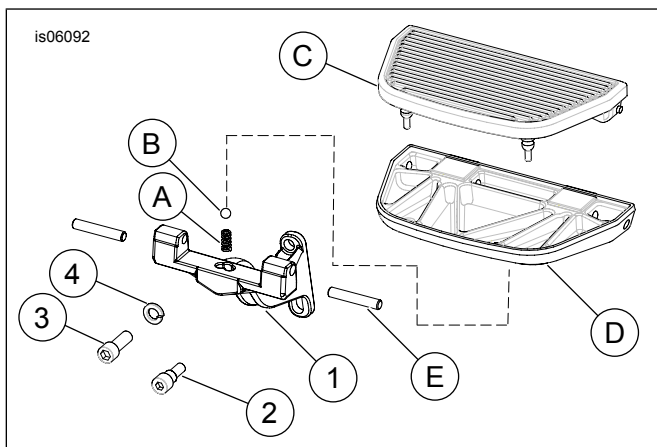
- **On 2010-Later Models:** The installation height can be adjusted to one of three positions. To install footboards in a new position, remove plastic plugs from holes in rear swingarm bracket as necessary.

4. See Figure 2. Insert shoulder bolt (2) through slot in footboard bracket (1) and into hole in rear swingarm bracket at the desired height. Tighten to 5–8 N·m (48–72 in-lbs).
5. Install the upper screw (3) and lockwasher (4) through footboard bracket (1). Tighten screw to 49–56 N·m (36–42 ft-lbs).

## • For All Models:

6. Install spring (A) into retaining hole in footboard bracket. Set the ball (B) on top of spring.
7. Position the detent in the bottom of the footboard pan (D) over ball in footboard bracket. Be sure not to unseat the ball. Press down on footboard pan so the holes of the footboard pan and footboard bracket align.
8. Insert pivot pins (E) through two mounting holes on footboard bracket and into footboard pan.
9. If removed, align footboard insert in footboard pan. Firmly press footboard insert until the rubber tabs pass through holes in footboard pan.
10. Pivot footboard assembly up and down to verify proper operation.
11. Repeat all steps for opposite side.

## SERVICE PARTS



**Figure 2. Service Parts: Reduced Reach Footboard Support Kit**

**Table 1. Service Parts Table**

Item	Description (Quantity)	Part Number
1	Footboard bracket (2)	Not Sold Separately
2	Shoulder bolt (2)	4916
3	Screw, socket head cap (2)	861A
4	Lockwasher (2)	7038
<b>Items referenced in text, but not provided in kit:</b>		
A	Spring (2)	
B	Ball (2)	
C	Footboard insert (2)	
D	Footboard pan (2)	
E	Pivot pin (4)	