

V-Twin Mfg.  
Chrome Rear Engine Bar Set  
VT No. 51-0877

Fits 2000-later FLST, FLSTC and '00-'05 FXST, FXSTB and FXSTS models  
FLSTC models require Saddlebag Relocation Kit OEM # 90238-00

This is a custom application and rider safety depends on proper installation. This product should only be installed by a knowledgeable and trained motorcycle technician. V-Twin Mfg. accepts no responsibility for improper installation.

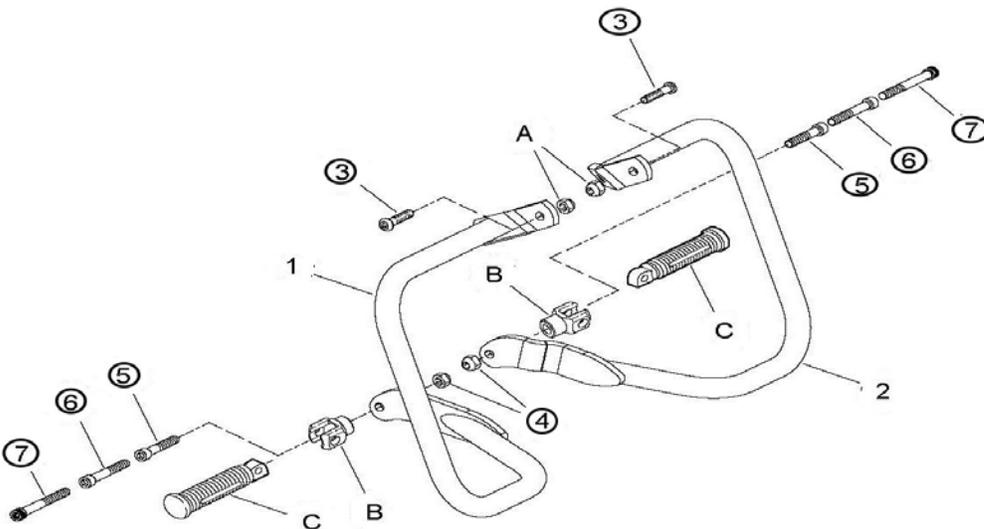
**Additional Parts Required**

1-Heritage-Style Saddlebag Bracket Relocation Kit, Part Number 90238-00, must also be or previously been installed when installing this Rear Saddlebag Guard Kit on FLSTC models with factory-installed leather saddlebags, and on other ST models equipped with Heritage-Style Saddlebag Kit, Part # 90835-90.

2-Correct mounting hardware as outlined on instruction sheet.

**Installation Instructions:**

1. If equipped, remove saddle bags from motorcycle.
2. Remove passenger footpeg or passenger footboard assembly including footboard mount from motorcycle.
3. Remove nut (1), seat strap bracket, if equipped and 3/8 inch diameter bolt (2) from indicated position on rear fender support immediately to the rear of the front seat. Discard the bolt, but save the nut for re installation. This location is where the upper part of the saddlebag guard will mount.
4. Install saddlebag guard (4) top flange (5) against fender support (3). Install 3/8-16 x 1-3/4 inch button head bolt with the seat strap bracket and hardware removed in Step 3, and nut in same direction as bolt removed in Step 3. Finger tighten only at this time.
5. Position bottom flange (6) of saddlebag guard (4) against inboard surface of motorcycle frame (7) at location where passenger footpeg (2) (or passenger footboard bolt) attaches. If Heritage-Style Saddlebag relocation kit, Part #90238-00 is to be installed, the bracket should be positioned between the saddlebag guard flange and the motorcycle frame member. Follow installation instructions included with that kit.
6. Determine your model application and follow the applicable installation procedure below:
  - a) **On models with passenger footpeg, but without saddlebag relocation bracket:** Install 3/8-16 x 2-3/4 inch socket head cap screw (6), For 2007 FLSTC Models, use the 3.5 inch long socket head cap screw (7) from kit through footpeg support (B). Install support to frame. Tighten support bolt to 40 ft-lbs. Install lower saddlebag guard flange over bolt protruding from inboard surface of frame member. Install 3/8-16 lock nut to end of bolt. Tighten to 40 ft-lbs. Install footpeg (C) according to Service Manual.
  - b) **On models with passenger footpeg and saddlebag relocation bracket:** Install 3/8-16 x 2-3/4 inch socket head cap screw (6) For 2007 FLSTC Models, use the 3.5 inch long socket head cap screw (7) from kit through footpeg support. Install support to frame. Tighten support bolt to 40 ft-lbs. Position saddlebag relocation bracket over bolt. Install lower saddlebag guard flange over bolt protruding from inboard surface of frame member. Install 3/8-16 lock nut to end of bolt. Tighten nut to 40 ft-lbs. Install footpeg (c) according to Service Manual.
  - c) **On models with passenger footboard with or without toolbox:** Install 3/8-16 x 2-1/4 inch socket head cap screw (5) through passenger footboard mount and toolbox bracket (if equipped). Tighten footboard mounting bolt to 40 ft-lbs. Position saddlebag relocation bracket over bolt. Install lower saddlebag guard flange over bolt protruding from inboard surface of frame member. Install 3/8-16 lock nut (4) to end of bolt. Tighten nut to 40 ft-lbs.
  - a) **On models with passenger footpegs and tool box:** Install 3/8-16 x 2-1/4 inch socket head cap screw (5), from the inboard side of the motorcycle, through hole in saddlebag guard bottom flange, saddlebag relocation bracket into the the motorcycle frame member. Tighten bolt to 40 ft-lbs. Install passenger footpeg spacer to the end of the bolt. Tighten footpeg spacer to 40 ft-lbs. Install passenger footpeg support to end of footpeg spacer. Tighten to 40 ft-lbs. Install footpeg (C) according to Service Manual instructions.
7. Tighten nut (1) that secures saddlebag guard top flange (see Step 4) to 25ft-lbs. Reinstall saddlebag, if equipped, to motorcycle. If not already connected, attach loose end of the saddlebag relocation bracket to the lower leg of the saddlebag support with the fasteners from the relocation bracket kit. Repeat Steps 1- 7 for installing saddlebag guard on opposite side of motorcycle.
8. Discard remaining original and kit mounting hardware.



Mounting items circled are not included with bars and  
Must be supplied by installer.