



INSTRUCTIONS

-J03725

REV. 2005-12-15

VRSCD SADDLEBAG MOUNTING KIT

GENERAL

Kit Number

91440-06

Models

This kit fits 2006 and later VRSCD models.

WARNING

Do not exceed saddlebag weight capacity. Put equal weight in each bag. Too much weight in saddlebags can cause loss of control, which could result in death or serious injury. (00383a)

NOTE

Maximum saddlebag weight capacity is 10 pounds (4.5 Kg.)

Additional Parts Required

This kit requires the separate purchase of VRSCR Saddlebag Kit 91401-06 or VRSCD Saddlebag Kit 91441-06. The saddlebag kit consists of a left and right saddlebag and instruction sheet.

Installation of this kit will require Loctite® 243 (blue) 99642-97, which is available from a Harley-Davidson Dealer.

Kit Contents

See Figure 16 and Table 1.

WARNING

Federal Motor Vehicle Safety Standard (FMVSS) 108 requires motorcycles to be equipped with rear and side reflectors. Be sure rear and side reflectors are properly mounted. Poor visibility of rider to other motorists can result in death or serious injury. (00336b)

INSTALLATION

Prepare Bike for Hardware Installation

1. Use a suitable lift to support the motorcycle under the frame until the rear suspension is fully extended.

NOTE

To remove the tether from the hole in the frame, reach under the frame tube to align the metal tee (located on the end of the seat tether) with the tether cable.

2. See Figure 1. Unlatch and open seat. Remove tether (4) by sliding small clip (3) sideways through hole in frame.

NOTE

To remove the tubular plastic seat-hinge sleeve from the hinge, turn the sleeve to reveal the slotted length. Push on the slot with your finger to pop the sleeve off the hinge pins. Closing

the seat slightly allows the sleeve to fall from the hinge-side of the seat, so be prepared to catch the sleeve.

3. Remove plastic sleeve (2) from hinge pins (1) and slide pins toward rear of bike. Remove seat.

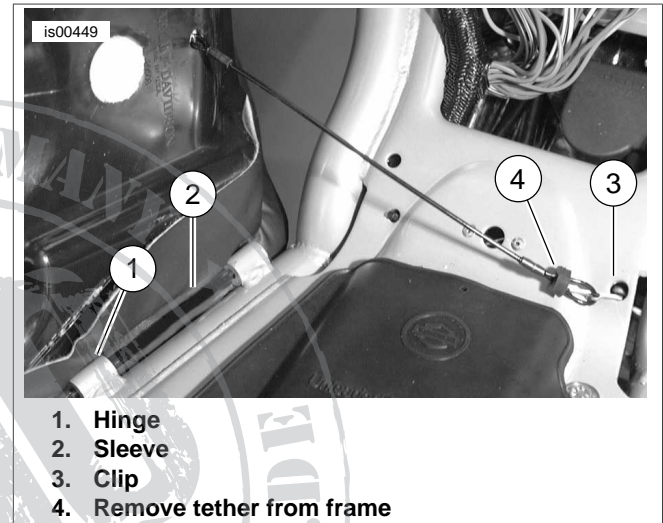


Figure 1. Remove Seat

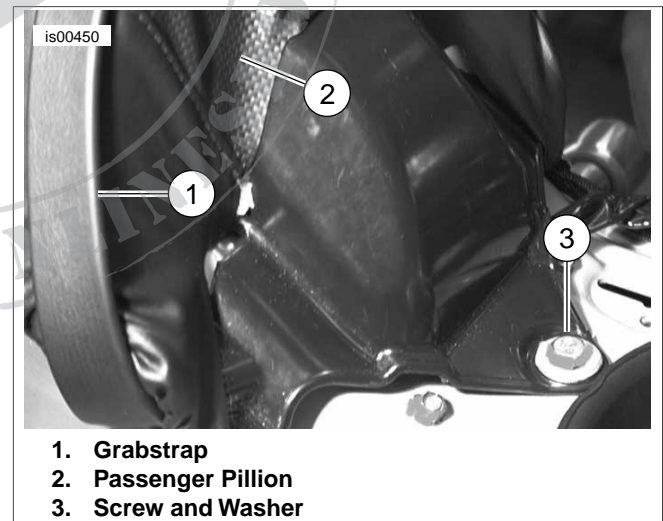
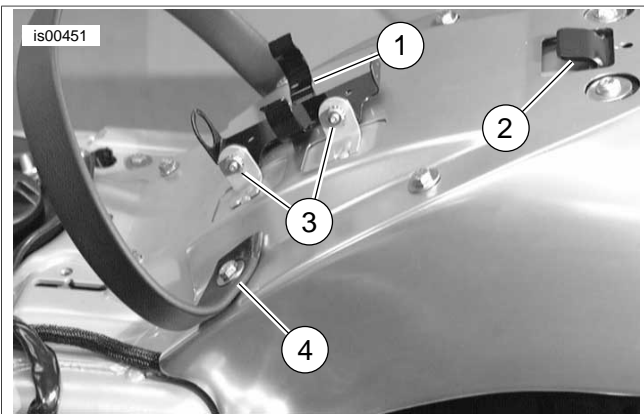


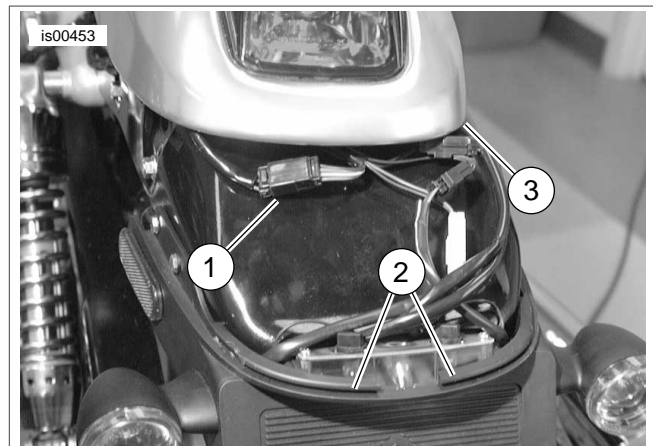
Figure 2. Remove Passenger Pillion

4. See Figure 2. Remove screw and washer (3) securing passenger pillion to frame. Slide pillion under grabstrap (1) and forward to disengage from tongue to remove. Save pillion mounting screw and washer for later use.



1. Turn signal module bracket
2. Pillion mounting tongue
3. Turn signal module bracket mounting nuts
4. Grabstrap screw with washer

Figure 3. Remove Turn Signal Module, Bracket and Grabstrap

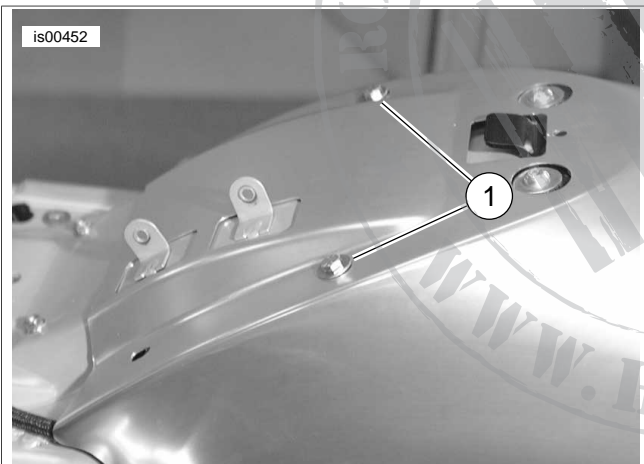


1. Taillight connector
2. Fender mounting grooves
3. Fender

Figure 5. Taillight Connector and Rear Fender

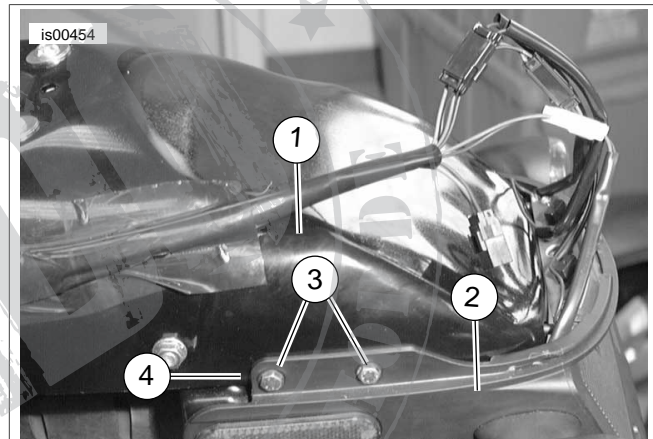
5. See Figure 3. Remove the turn signal module from its mounting bracket (1) by pulling module upward and back to release from bracket. Carefully place the module to side of bike and let hang.
6. Remove the two screws and washers securing the grabstrap to the fender and frame (4). Note the orientation of the grabstrap. Save screws and washers for later use.
7. Remove the two nuts securing the turn signal module bracket (3) to fender. Save nuts for later use.

9. See Figure 5. Slide the fender toward the rear of the bike to remove fender from mounting grooves (2) in license plate/turn signal bracket. Disconnect tail light connector (1), then remove fender from tail section.



1. Fender mounting screws and washers

Figure 4. Remove Fender Mounting Screws



1. Fender support
2. License plate/turn signal bracket
3. Screws
4. Nuts (inside fender)

Figure 6. Remove Fasteners Securing License Plate and Turn Signal Bracket

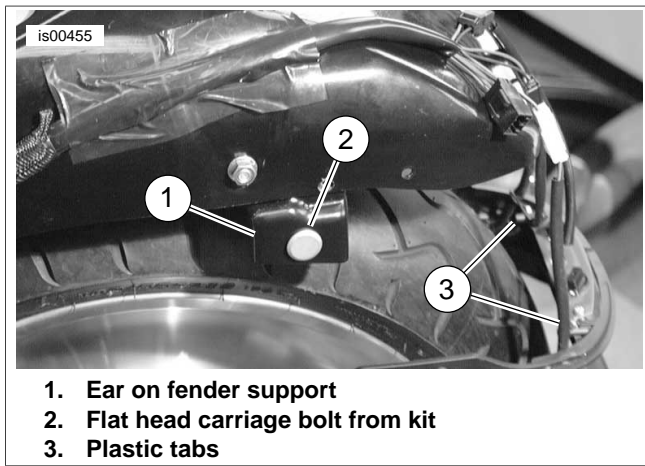
8. See Figure 4. Remove the two screws and washers. Save for later use.

10. See Figure 6. Remove two small screws (3), nuts (4) from both sides of fender support. Remove the license plate/turn signal bracket (2).

NOTE

When performing the following step, note the two plastic tabs on the license plate/turn signal bracket. The tabs align the license plate/turn signal bracket with the fender support.

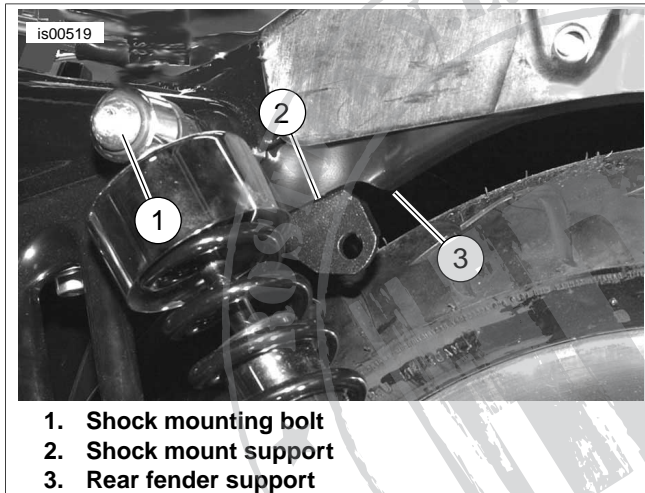
11. Gently pull license plate/turn signal bracket out from fender support (noting plastic tabs), then carefully move assembly down just below fender support.



1. Ear on fender support
2. Flat head carriage bolt from kit
3. Plastic tabs

Figure 7. Remove License Plate/Turn Signal Bracket and Install Saddlebag Mounting Bolt

12. See Figure 7. Obtain flat head carriage bolt (2) from kit. Install carriage bolt into square opening on fender support (1). Repeat for opposite side.



1. Shock mounting bolt
2. Shock mount support
3. Rear fender support

Figure 8. Install Shock Mount Support (Left Side Shown)

13. See Figure 8. While holding the nut inside of fender with a 28 mm socket, back the shock mounting bolt (1) out just far enough to remove the shock mounting nut. Discard nut.
14. See Figure 8 and Figure 16. Obtain the Shock Mount Support from kit. Install shock mounting bolt through shock support (oriented as shown) and begin to tighten.

NOTE

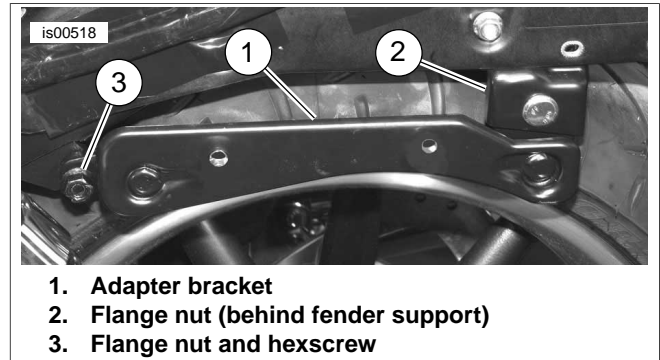
If shock support is not butted completely against fender support, the remaining saddlebag support hardware will be installed too low resulting in interference and damage to the belt guard assembly.

15. While continuing to tighten shock mount support (2), secure the support, so it remains butted completely against fender support (3). Tighten the shock mounting bolt to 41-68 Nm (30-50 ft-lbs). After tightening, recheck the shock mount support position.

NOTE

There should be no space between shock mount support and rear fender support.

16. Perform Steps 13 through 15 for the right side.



1. Adapter bracket
2. Flange nut (behind fender support)
3. Flange nut and hexscrew

Figure 9. Install Bracket (Left Side Shown)

NOTE

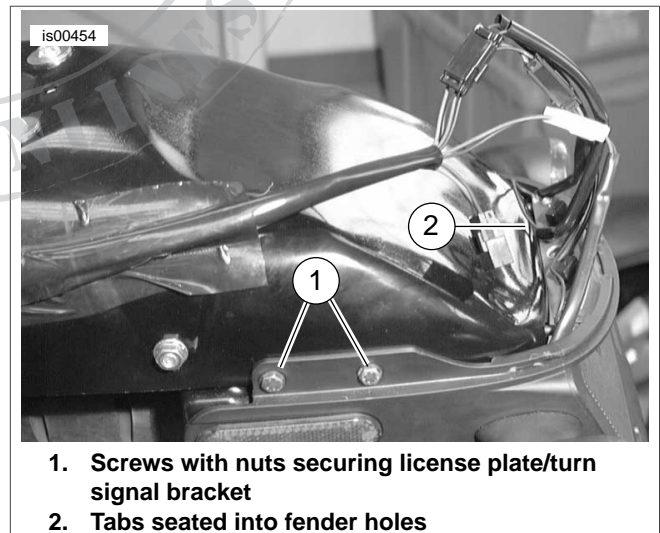
Apply Loctite 243 (blue) 99642-97 to last 4 threads of bracket screws.

17. See Figure 9. Obtain hex head screw and flange lock nut (3) and left adapter bracket (1) from kit. Install screw (from inside fender) through shock mount support, adapter bracket, then install lock nut. Tighten nut to snug front of support in position.

NOTE

The nuts will be tightened to specific torques after the rear support is installed and all supports are aligned.

18. See Figure 9. Obtain flange lock nut from kit. Fasten rear of saddlebag mount to flat head carriage bolt (2) installed earlier in Step 12 (located behind fender support). Tighten nut to snug rear of support in position.
19. Perform Steps 17 and 18 to mount the right side saddlebag support. Tighten hardware just snug enough to hold saddlebag support in position.
20. Align and position the license plate/turn signal bracket onto fender support ensuring the two plastic tabs (3) are located properly.

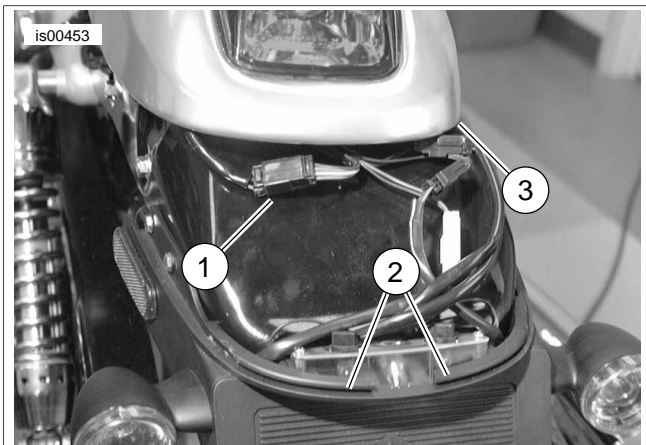


1. Screws with nuts securing license plate/turn signal bracket
2. Tabs seated into fender holes

Figure 10. Reinstall License Plate/Turn Signal Bracket

21. See Figure 10. Reinstall the two small screws and nuts (1) on each side to secure the license plate/turn signal bracket to the fender support. Make sure that the tabs (2)

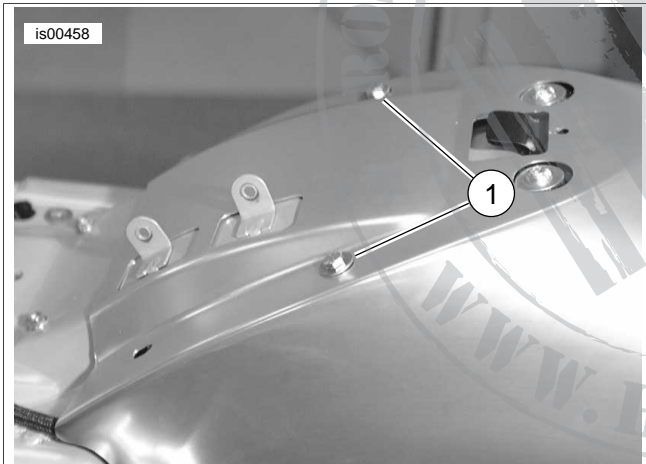
are located in the fender support. Tighten the screws and nuts to 8-12 Nm (6-9 ft-lbs).



- 1. Taillight connector
- 2. Fender mounting grooves
- 3. Fender

Figure 11. Taillight Connector and Rear Fender

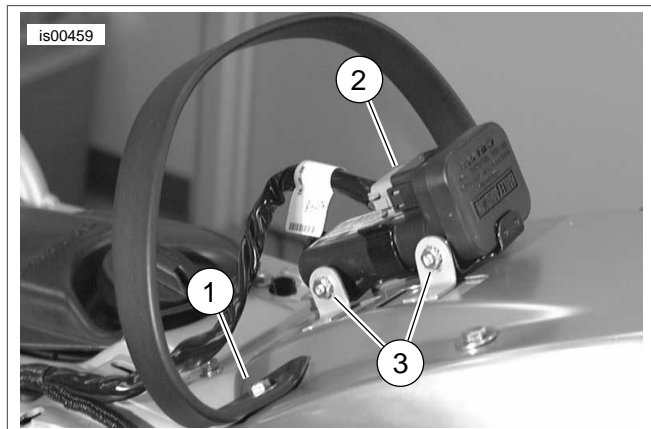
- 22. See Figure 11. Obtain the rear fender removed in Step 9. While holding the fender in place, connect the tail light connector (1).
- 23. Install fender with rear lip (ridge) of fender centered completely in the grooves. Push fender forward until the mounting holes at top of fender align with holes in fender support.



- 1. Fender Screws

Figure 12. Reinstall Fender To Fender Support

24. See Figure 12. Install screws and washers removed in Step 8. Tighten screws to 8-12 Nm (6-9 ft-lbs).



- 1. Grabstrap screw with washer
- 2. Turn signal module
- 3. Module bracket mounting nuts

Figure 13. Reinstall Turn Signal Module Bracket and Grabstrap Hardware

- 25. See Figure 13. Install turn signal module bracket and nuts (3) removed in Step 7. Tighten nuts securely.
- 26. Install grabstrap, screws and washers removed in Step 6. Tighten screws to 8-12 Nm (6-9 ft-lbs) .
- 27. Install turn signal module (2) on bracket as shown.
- 28. Insert the pillion into position through the grabstrap.
- 29. Fasten the pillion to the frame using the mounting bolt from the stock pillion. Tighten to 11-14 Nm (97-124 in-lb).

WARNING

After installing pillion, pull upward to be sure it is locked in position. While riding, a loose pillion can shift causing loss of control, which could result in death or serious injury. (00387a)

- 30. Position the seat (as if opened) onto the frame. Slide the seat forward to insert the seat-hinge pins into the bushings on the frame.
- 31. Clip the tubular plastic seat-hinge sleeve over the seat hinge.
- 32. Insert the seat tether into the hole in the motorcycle frame.

INSTALL SADDLEBAG SUPPORT HARDWARE

NOTES

When installing the saddlebag mounting hardware, perform the procedures one side at a time to maintain fender support alignment.

The nuts will be tightened to specific torques after the rear support is installed and all supports are aligned.

Apply Loctite 243 (blue) 99642-97 to last four threads of saddlebag rack screws.

1. See Figure 14. Obtain saddlebag rack, four socket head capscrews and four flat washers (1) from kit. Align the rack and install the screws and washers through the rack and into the adapter brackets.
2. Tighten the adapter bracket fasteners to 48 Nm (35 ft-lbs).
3. Tighten the saddlebag rack fasteners to 25 Nm (18 ft-lbs).

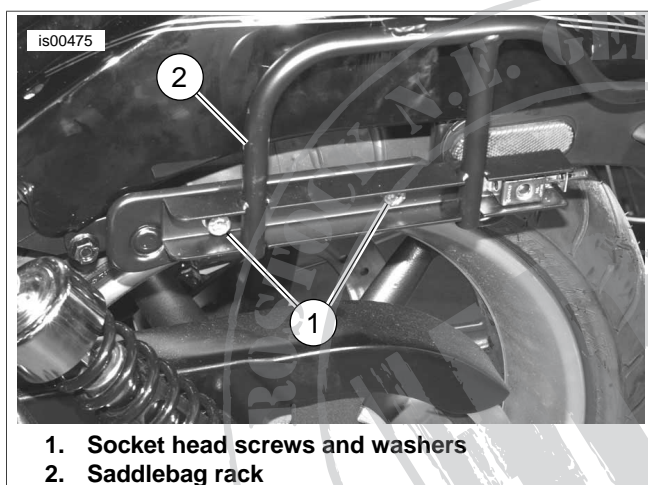


Figure 14. Install Rack (Left Side Shown)

ATTACH AND RELEASE SADDLEBAGS

1. See Figure 15. Prior to attaching saddlebags, ensure that the locking pin (2) is tightened to 5.6 Nm (50 in-lbs).
2. To attach saddlebag, hang hooks (1) on saddlebag over the release/attach assembly, ensuring that the isolator pad (3) locates between the hooks.
3. Ensure that the locking pin (2) locates in the hole of the release mechanism (4). Push in on the bottom of the saddle bag until it locks into place. If it will not lock, remove saddlebag. Loosen the locking pin nut, back out pin one turn, and retighten. Repeat Steps 1 through 3, as necessary, until saddlebag locks properly into place.
4. Repeat procedure for opposite saddlebag.

WARNING

Federal Motor Vehicle Safety Standard (FMVSS) 108 requires motorcycles to be equipped with rear and side reflectors. Be sure rear and side reflectors are properly mounted. Poor visibility of rider to other motorists can result in death or serious injury. (00336b)

WARNING

Do not operate motorcycle without saddlebags attached unless the saddlebag attach/release rack is also removed. The rack obscures stock reflectors. Low visibility of rider can result in death or serious injury. (00425c)

5. To release the saddlebag, press in on the release pin (5), tilt the bottom of the saddlebag outward, and lift it up and away.
6. Repeat procedure for opposite saddlebag.

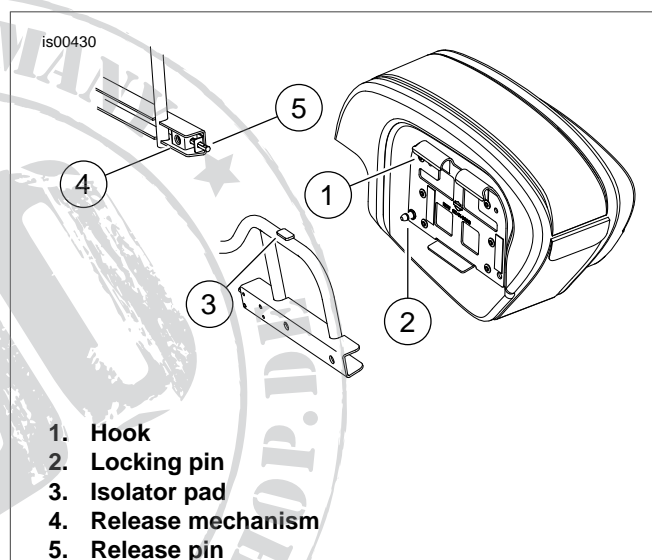


Figure 15. Saddlebag Mounting Hardware

SADDLEBAG OPERATION AND CARE

Opening Saddlebag

To open saddlebag, first open zippers. Separate hook and loop strips by lifting outward on side flap and then lift lid up.

Closing Saddlebag

Lift outward on side flap while dropping lid down to top of bag. Press firmly downward to ensure contact between lid and top of bag.

Press firmly inward on side flap to fully engage Velcro under flap.

Hook and Loop Fastener Care

If the hook and loops become "clogged" with lint, etc., carefully comb out foreign materials to restore strength.

SERVICE PARTS

is00442

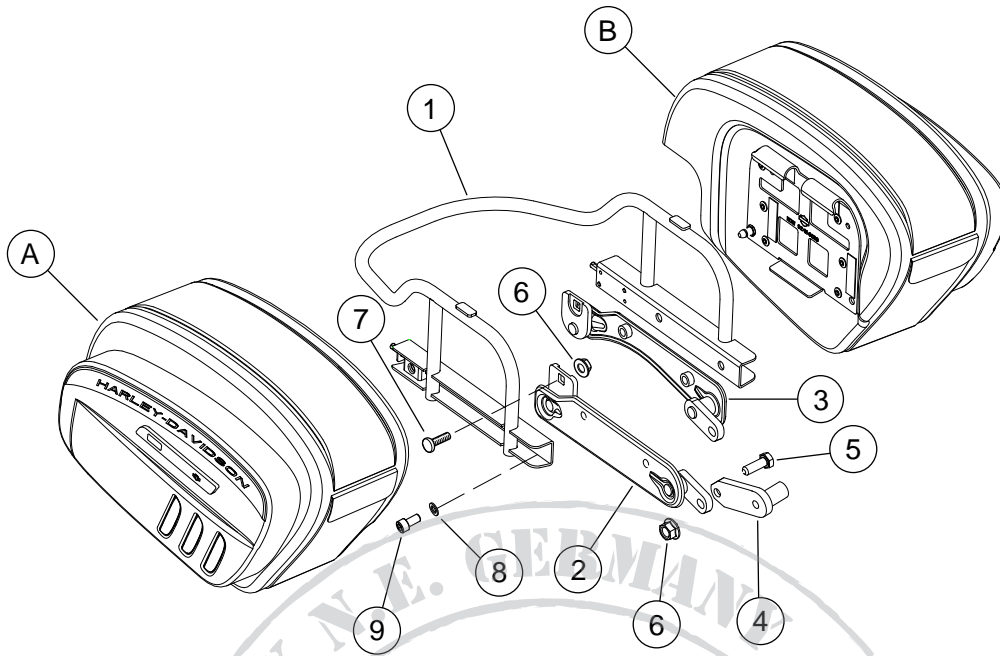


Figure 16. VRSC Saddlebag Mounting Kit

Table 1. Service Parts Table

Item	Description (Quantity)	Part Number	Item	Description (Quantity)	Part Number
1	Saddlebag rack weldment	91204-06	6	Locknut, flanged, M10 (4)	90748-01
2	Adapter Bracket, Right	91212-06	7	Bolt, carriage (2)	3030
3	Adapter bracket, Left	91330-06	8	Washer, flat (4)	6812
4	Shock Support (2)	79068-01	9	Socket head capscrews (4)	4244
5	Hex head screws, (2)	3852M			
Items mentioned in text, but not included in kit:					
A	Saddlebag, Right				
B	Saddlebag, Left				