

## USER GUIDE & INSTALLATION INSTRUCTIONS

DESCRIPTION: Saddlebag Quick Removal System

PART NUMBER 3501-0343

### CONTENTS / PARTS INCLUDED:

<i>Quantity</i>	<i>Item</i>
2	5/16" Docking Post
2	5/16" Lock Nut
2	3/8" Docking Post
2	3/8" Lock Nut
4	Grommet
4	¼" Turn Bag Lock
2	Bag Support Clip Bracket
2	Back-up Plate
4	#10 x 5/8" Pan Head Screw
4	#10 Lock Nut
2	5/16" x 3" Stud
2	3/8" x 3" Stud
2	5/16"-18 Nut
2	3/8"-16 Nut
1	Saddlebag Support – Left
1	Saddlebag Support – Right
2	Turn Signal Relocator
8	Butt Connector
2	½" X 3/4" x 10MM Spacer
2	5/16"-24 x 3" Socket Screw
2	5/16"-18 x 3" Socket Screw
2	14G wire – Green
2	14G wire – Black
1	Installation Instructions

### IMPORTANT:

Please read these instructions completely before starting installation. All **“NOTE,” “CAUTION”** and **“WARNING”** notations are serious safety issues and should be read carefully. Possible injury to riders or damage to the motorcycle and/or accessory may result if improperly installed.

### NOTICE TO DEALERS:

These instructions contain important information for future reference and should be given to the customer.

### ⚠ WARNING:

READ THESE INSTRUCTIONS THOROUGHLY BEFORE INSTALLATION!

Because of the variety of motorcycle configurations, other accessories, and the features and intended use of this Saddlemen accessory, there are many different mounting options. You are responsible for the proper installation of this accessory on your motorcycle. Your attention to these installation instructions and recommendations will permit safe and proper use of this accessory. You must mount this accessory properly and securely before riding your motorcycle. If you lack the ability to safely and properly install this accessory, seek out a qualified motorcycle technician for assistance. During installation, support the motorcycle with a suitable stand or lift so it will not tip over and injure you, or damage the vehicle. Using or mounting this accessory improperly could result in a loss of control of the motorcycle which could result in damage to your motorcycle or other personal property, the property of third parties, and/or personal injury to yourself or others, up to and including death.

BE SURE TO THOROUGHLY READ AND CLOSELY FOLLOW THE MOUNTING INSTRUCTIONS THAT ARE INCLUDED WITH THIS ACCESSORY:

- Be sure to thoroughly read and closely follow the Mounting Instructions that are included with this accessory.

- For your safety, mount the accessory securely so it will not shift or move while riding. Make sure the accessory will not contact the controls or any other moving parts of your vehicle.
- When using this or any accessory, do not exceed your saddlebag's Maximum Cargo Load Capacity, or your vehicle's Maximum Gross Vehicle Weight as listed on your vehicle or in the manufacturer's owner's manual.
- Continually check the security of this accessory at each stop as you ride. Hardware and straps on a motor vehicle can loosen during operation, so be sure to check these items frequently.
- If this accessory is ever damaged, do not use it until inspected by a professional motorcycle dealer. Replace immediately if it has damage that will prevent it from being properly secured to your vehicle or if it will not securely function as intended.
- If you do not understand the mounting instructions or this warning label DO NOT mount this accessory. Contact your local professional motorcycle dealer for assistance, or call the Saddlemen support line at (310) 638-1222.

DO NOT ATTEMPT TO USE THIS ACCESSORY IF:

- You do not understand these installation and use instructions,
- You do not understand any part of the accessory mounting system,
- You have any doubts as to the security of the mounting system.

If you have any concerns or questions, seek help at your qualified motorcycle dealer or call the Saddlemen support line at (310) 638-1222.

Remember: Motorcycling can be a dangerous activity. Installation of any accessory can increase your risk if it is not installed properly. You are responsible to install this accessory so it will not contact any portion of the drive train, suspension or steering, or if it will in any way interfere with the operation of your motorcycle.

## **⚠ WARNING:**

To avoid injury, install while engine is cold.

## **CAUTION:**

This kit is designed to fit several model motorcycles, and contains multiple length studs, which if installed incorrectly could interfere with the tire. When installing a stud through the fender, check to be sure that it does not extend inside the fender further than the original fastener. If it does it must be cut off, or exchanged for a shorter stud in the kit.

Work slowly and carefully to avoid scratching the fender.

## **OVERVIEW:**

Installation of the quick disconnect saddlebag system to your motorcycle requires the addition of docking posts to the fender rails where you mount the saddlebags, and saddlebag supports. Grommets are installed into the saddlebags, along with the bag support clip to receive the docking posts, and lock the saddlebags in place.

If this is a new installation of saddlebag supports, and saddlebags, follow the instructions for the saddlebag supports, but use the studs and lock nuts supplied in this kit to install your saddlebag supports and docking posts at the same time. If the saddlebag supports are already installed, replace the bolts with the studs and nuts supplied.

On some model saddlebag combinations, turn signal relocation, and or helmet lock removal is needed and can be accomplished at the same time as the installation of the saddlebag support and docking posts.

We recommend working on one side of the motorcycle at a time, and completing a full installation on the first side before beginning on the second side. This will help maintain fender alignment and make it easier to install the fender strut bolts.

The following procedure assumes that you will start on the right side of the motorcycle.

## **INSTALLATION:**

Install the turn signal relocation parts first, then the saddlebag docking parts on the motorcycle. Then install the saddlebags

1. Remove tail light lens.
2. Trace wires from turn signal lights and unplug from tail light terminal.
3. Push wires back through the fender holes, and free them from clips, to the turn signal lights. Be careful to note the routing of the wires so you can re-route them in the same way when you reassemble the light.
4. From the inside of the fender, remove the bolt holding the turn signal light and carefully remove the wire thru the hole.
5. Cut the wires 1½ inch from where they exit from the turn signal support.
6. Strip 3/8" of insulation from the ends of the turn signal wires, and both ends of all the extension wires supplied.
7. Using a crimping tool, and the butt connectors, add an extension wire to the end of each turn signal wire only, black to plain wire and the green to the striped wire (you will splice the connector ends after routing the wires through the turn signal brackets).
8. The Turn Signal brackets are disassembled. Each is made up of a thick plate, a black center part, and a thin outer plate. Remove the paper from one side of the black center part, align and press to the thick inner part with the tang away from the black center part.
9. Route the wires from the turn signal through the oval hole at the small end of the thin center part, polished side toward the turn signal and out the last hole in the opposite side (with the tang).
10. Neatly arrange the wires in the center groove, remove the protective paper from the center part align and press together.
11. Loosely install the turn signal with the 5/16"-18x3" or 5/16"-24x3" (which ever is appropriate for the turn signal) bolt supplied to hold the turn signal in place on the bracket.
12. Remove the bolt from the front of the rail (about 10 inches forward from the turn signal area).
13. On one of the 3/8" x 3" studs screws thread on a lock nut, and a docking post using approx. ½ inch of thread, and tighten together snugly, add a spacer. Thread the assembly into the front hole in the fender strut until you can feel the bolt coming through on the inside of the fender. The correct amount should be adjusted to 1 to 1 ½ turns past the inside face of the nut plate toward the tire (an additional 3/8" x 16 nut has been supplied for the inside of the fender for models that do not have threaded inserts).
14. Loosen the lock nut from the docking post and run it down tight against the fender strut being careful not to move (turn) the stud.
15. Remove the docking post.
16. Remove the strut bolt from the rear of the strut next to the turn signal.
17. Feed the cut off wires from inside the fender out through the hole you just removed the bolt from.
18. Using two more butt connectors connect the wires with the connectors (the original cut off wires) to the wires coming out of the turn signal bracket, black to plain wire, green to striped wire. At this point you should have a turn signal bracket with a turn signal mounted, and wires ready to install back on the motorcycle.
19. Repeat steps 13-15 with another 5/16" x 3" stud and use the turn signal as the spacer. The stud goes through the center hole at the end of the strut using the 5/16 x 18 nut supplied on the inside. Use a pencil or similar object to separate the wires on each side of the holes so the bolt does not damage the insulation on the wires.
20. Torque the lock nuts to 23 N.m (16.5 lb-ft).
21. Install the saddlebag support. The stud should be protruding past the saddlebag support by 3/8 to ½ inches (10-12mm) or just less than the hex portion of the docking post. NOTE: The saddlebag Support is to be installed with the bottom rail slightly further away from the motorcycle than the top portion. This is to hold the bag away from the wheel, brakes, and drive parts. If it is not this way you should try with the other support.
22. Install and tighten the docking posts to hold the saddlebag supports in place.
23. Re-route and secure the wires back to the tail light, and connect.
24. Perform steps 2-23 on the other side.
25. Connect the battery and check to see if all the lights work correctly.
26. Replace the tail light lens

Next install the Saddlebags.

1. If your saddlebags were previously installed use the existing holes for the location of the docking post holes. If this is a new installation of saddlebags, start with the saddlebag on the exhaust pipe side.
2. Hold the saddlebag against the motorcycle in the desired position. Check to be sure that there is a minimum of 1 ½ inches (40mm) clearance between the bag and the exhaust pipe or muffler. A short piece of wood 2 x 4 on top of the muffler-pipe can be used as a temporary spacer. Check to see that the saddlebag is in the correct front to back position. Mark on the back of the saddlebag the location for the docking post holes.
3. Remove the docking posts and the saddlebag support.
4. Place the saddlebag support on the bag in the position that was marked. Make any position adjustments to the location of the saddlebag support, and mark the exact location for the post holes.
5. Using a 1 inch hole saw cut the holes for the post holes. If the saddlebag has a mesh or a pocket on the inside, protect this by placing several layers of heavy cardboard or a piece of wood inside between the back and the mesh.
6. Install a grommet in each hole.
7. Thread one of the extra studs into each docking post. Then push the post into the grommet. Place the saddlebag support over the studs like it will be installed.
8. Place one of the support clips over the center of the lower portion of the support, with the two holes against the bag and above the bar. Mark the position of the holes.
9. Drill 3/16inch diameter holes in these marked positions. Protect any mesh, or cloth pockets as in step 16.
10. Using the #10 screws and nuts attach the support clip with the back-up plate inside. If using the screws, do not over tighten and crush the backing material.
11. Reinstall the docking posts and bag support on the motorcycle, install the saddlebag on the docking posts, placing the support clip over the support bar, and install inside on each docking post a ¼" turn fastener on each post.

Repeat the same steps on the other locator and docking system, if you wish you can transfer the grommet location from the first bag.

We recommend using a thread sealant like Loctite or Vibratite on the Saddlebag Support fasteners.

### **⚠ WARNING:**

Overloaded or overweight bags can move the Supports inward. Before riding, visually check the clearance between the Supports and any moving parts that could impair normal operation of the motorcycle.

Improper saddlebag installation may cause contact between the bags and the motorcycle's running gear, producing a safety hazard. Please check that saddlebags are not in contact with moving parts. Make sure to carefully follow the installation instructions that come with the saddlebags.

### **NOTE:**

After 50 miles (80 kilometers), recheck the tightness of all nuts and bolts. Inspect periodically during normal maintenance checks thereafter. Loose fasteners can impair the normal operation of the motorcycle, and can be a safety issue.

These supports are designed to work with Saddlemen's Express Saddlebags, and all other makes and models of universal saddlebags. Saddlemen Express bags have special features optimized to compliment these supports.