INSTRUCTIONS

-J01910 REV. 6-8-00

Kit Numbers 68360-00, 90395-00 and 90404-00

SOFTAIL DEUCE LEATHER SADDLEBAG KIT

General

The kits covered under these instructions, which consist of Saddlebag Support Kit, Turn Signal Relocation Kit and Leather Saddlebag Kit, are designed to fit 2000 and later Softail Deuce (FXSTD) model motorcycles.

See Service Parts Pages for kit contents.

NOTE

A Service Manual for your vehicle is available at your Harley-Davidson Dealer.

⚠WARNING

Additional weight can affect motorcycle stability, handling characteristics, and safe operating speed. Do not exceed 7 lbs. (3.2Kg) maximum load in each saddlebag. Evenly distribute weight between each saddlebag. Improper loading can adversely affect vehicle handling which could result in death or serious injury.

⚠WARNING

Install, or have Dealer install, the reflectors supplied with the saddlebags. Federal Motor Vehicle Safety Standard (FMVSS) 108 requires all motorcycles to be equipped with side reflectors. The mounted saddlebags will cover the factory installed reflectors on some vehicles. Loss of visibility to other motorists could result in an accident and death or serious injury.

⚠WARNING

Never operate motorcycle with the saddlebag support kit installed with no saddlebags mounted to the supports. The exterior projections on the saddlebag supports without saddlebags mounted could potentially come in contact with pedestrians or other passersby, which could result in death or serious injury.

Installation

1. Remove seat.

⚠WARNING

To protect against shock and accidental start-up of vehicle, disconnect the negative battery cable before proceeding. Inadequate safety precautions could result in death or serious injury.

⚠WARNING

Always disconnect the negative battery cable first. If the positive cable should contact ground with the negative cable installed, the resulting sparks may cause a battery explosion resulting in death or serious injury.

2. Disconnect battery cables, negative cable first.

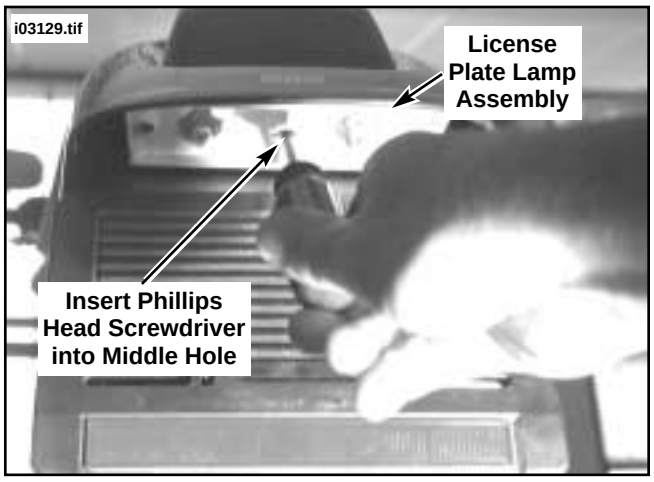

Figure 1. Remove Tail Lamp Assembly

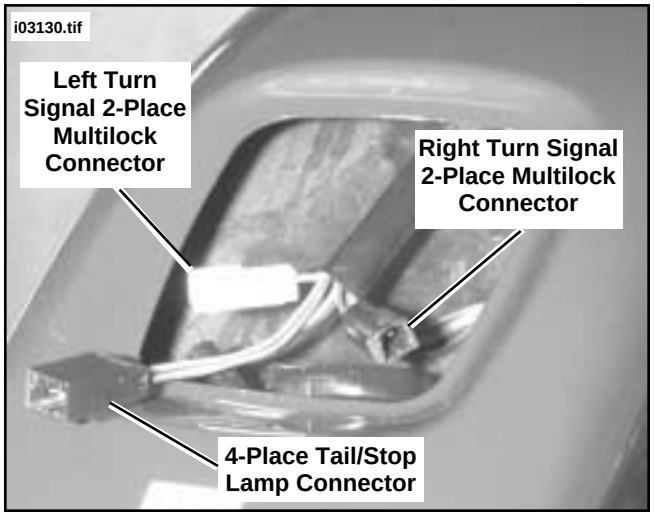

Figure 2. Disconnect Turn Signal Wires

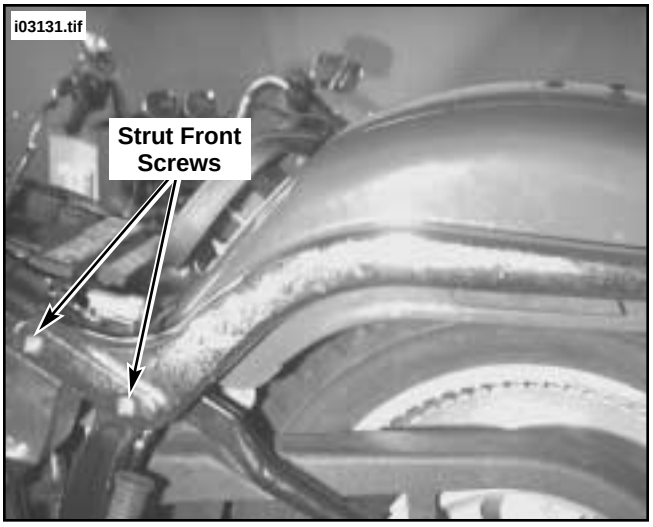

Figure 3. Remove Fender Strut Front Screws

Install Turn Signal Relocation Kit (P/N 90395-00)

3. See Figure 1. Insert phillips head screwdriver into middle hole of license plate light assembly. Push screwdriver in to disengage tail lamp clip while gently pulling tail lamp out. See Figure 2. Disconnect tail lamp wiring (4-place Multilock) at tail lamp connector.

4. See Figure 2. Disconnect left (White, 2-place Multilock) and right (Black, 2-place Multilock) turn signals by depressing button on socket terminal side of connector and pulling apart pin and socket halves.

5. See Figure 3. Remove two left side strut front socket head screws. Save hardware for re-installation.

6. See Figure 4 and 5. Remove left strut capscrew (under fender) near end of strut. While supporting strut, remove capscrew at approximate midpoint of strut.

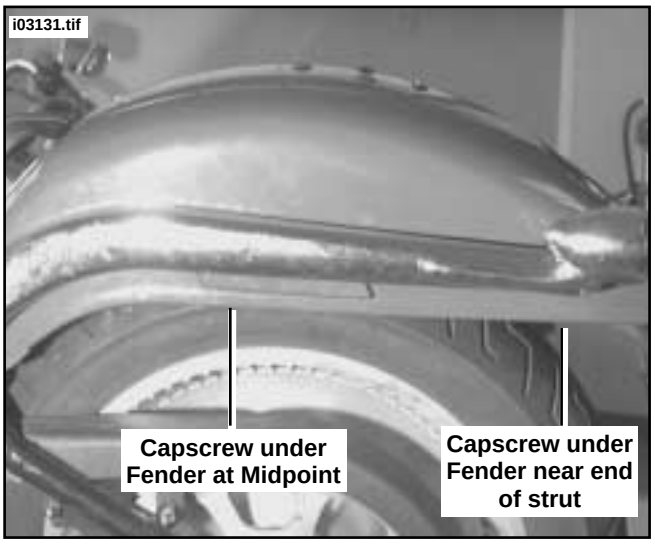

Figure 4. Remove Strut Cover Capscrews under Fender at Midpoint and near end of strut

7. See Figure 5. Carefully remove strut and signal lamp assembly with wiring through holes in fender. Save capscrews and washers for installation.

8. Perform procedures 5 through 7 for the right side strut and signal lamp assembly.

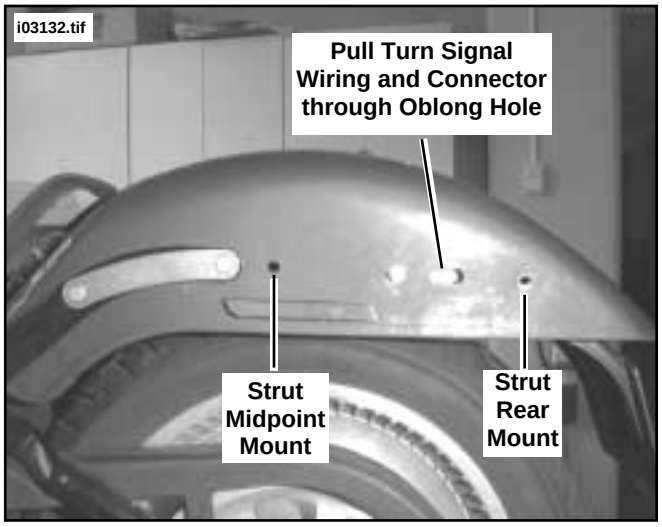

Figure 5. Fender with Cover Capscrews and Strut Cover/Turn Signal Assembly Removed

NOTE

At this point, the turn signal (2-place Multilock) connector must be removed from the turn signal wire in order to remove the signal and signal mount from the strut. The connector is re-installed after routing wire through relocation mount and installing signal/relocation mount to strut. Snap-On Pick Tool P/N TT600-3 is recommended for this procedure however, the sharp end of a safety pin will work with some practice.

9. To remove wire (w/socket terminal) from left connector, perform the following:

   a. See Figure 6. Bend back the latch slightly and free one side of secondary lock, then repeat the step to release the other side. Rotate the secondary lock outward (open) on hinge to access terminals in chambers of connector housing.

   b. With the flat edge against the terminal, insert the Pick Tool (Snap-On TT600-3) into the cavity until it stops. Pivot the end of the pick away from the terminal and gently tug on wire to pull terminal from chamber. Do not tug on the wire until the tang is released or the terminal will be difficult to remove. A “click” is heard if the tang is engaged but then inadvertently released. Repeat the step without releasing the tang. Repeat a and b for the second wire.

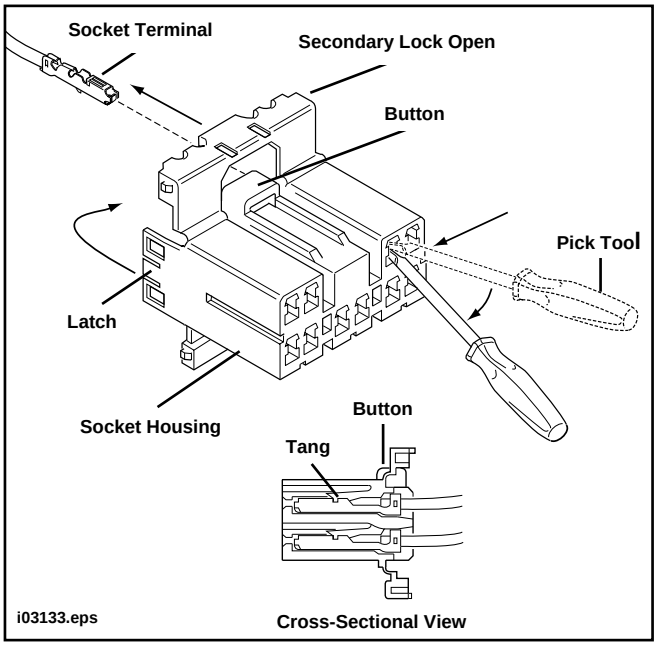

Figure 6. Remove Wiring from Connector (Typical)

10. See Figure 7. Remove turn signal and signal mount from strut by removing capscrew shown. Gently pull wiring through strut and mount. Discard mount and capscrew.

11. Repeat Steps 9 and 10 for the opposite side.

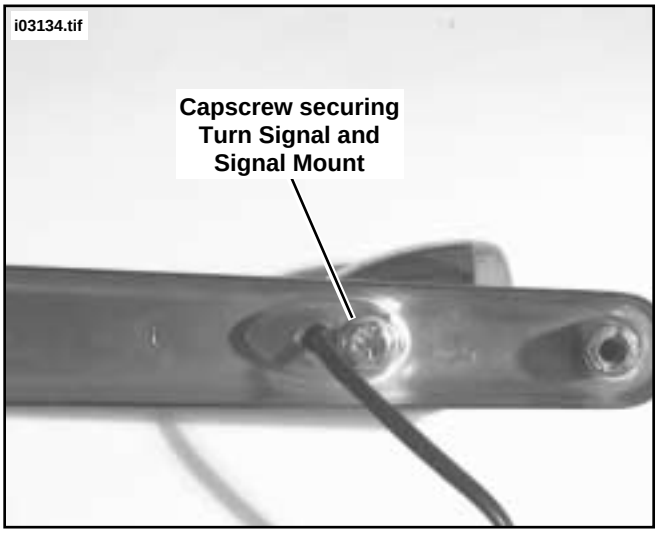

Figure 7. Remove Turn Signal and Signal Mount from Strut

12. See Figure 8. Obtain left turn signal relocation mount and route wiring from turn signal through mount as shown.

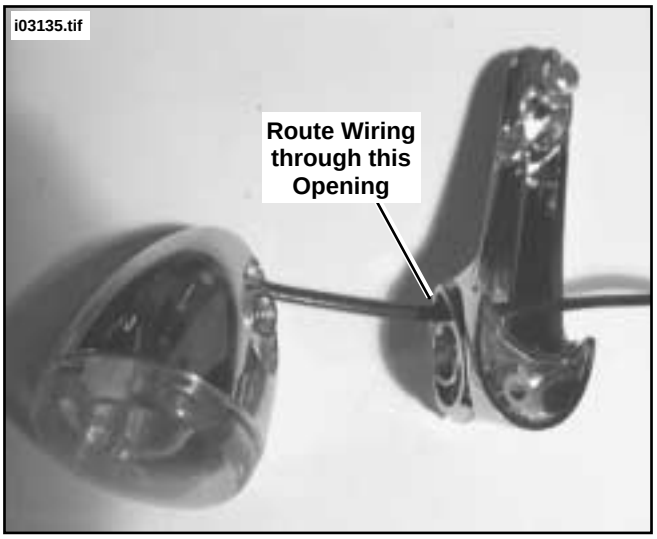

Figure 8. Route Signal Wiring through Relocation Mount

13. See Figure 9. Using socket head capscrew provided in kit, install turn signal to relocation mount. Tighten screw securely.

Figure 9. Install Turn Signal to Relocation Mount

NOTE

In the next step, the function of the holes in the strut are reversed from original installation. The signal wiring is routed through the hole originally used by the capscrew for mounting the signal; the hole originally used for wiring will be used for installing signal relocation capscrew.

14. See Figure 10. Route wires through left strut as shown and using long capscrew and washer provided in kit, install signal relocation mount to strut . Tighten capscrew securely.

15. Perform Steps 12 through 14 for the right side.

NOTE

At this time, the signal wiring is re-installed to the connectors removed in Step 9.

16. Install wire (w/socket terminal) to connector by performing the following:

NOTE

For wire location purposes, when facing the secondary lock side and with button up, the black wire inserts into the left side of the connector; purple wire into the right side of the connector. The left turn signal utilizes the White 2-place connector; the right turn signal uses the Black 2-place connector.

a. See Figure 11. From the secondary lock side of the connector, insert the terminal into its respective chamber until it snaps in place. For proper fit, the slot on the terminal must face the tang (up) in the chamber.

b. Gently tug on wire end to verify that the terminal is locked in place and will not back out of chamber.

c. Rotate the hinged secondary lock inward until tabs fully engage latches on both sides of connector.

d. Perform procedures a through d for the opposite connector.

17. See Figure 12. While holding left side fender strut/signal assembly, route wiring w/connector through oblong hole in fender and back to original location near tail/stop lamp assembly.

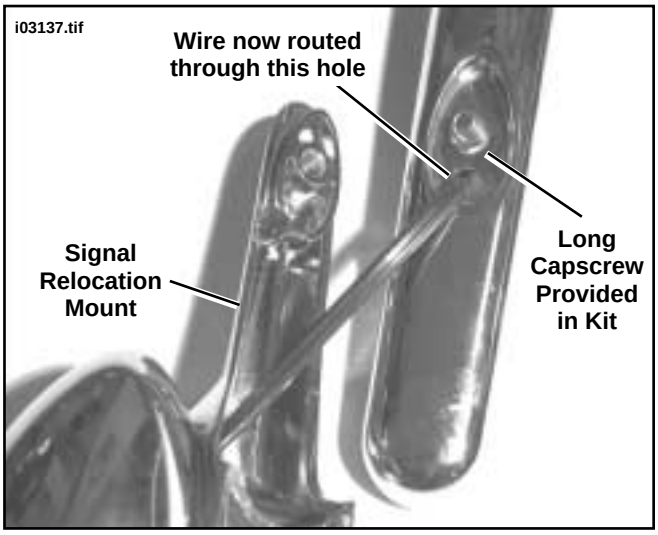

Figure 10. Route Wiring and install Signal Relocation Mount to Strut

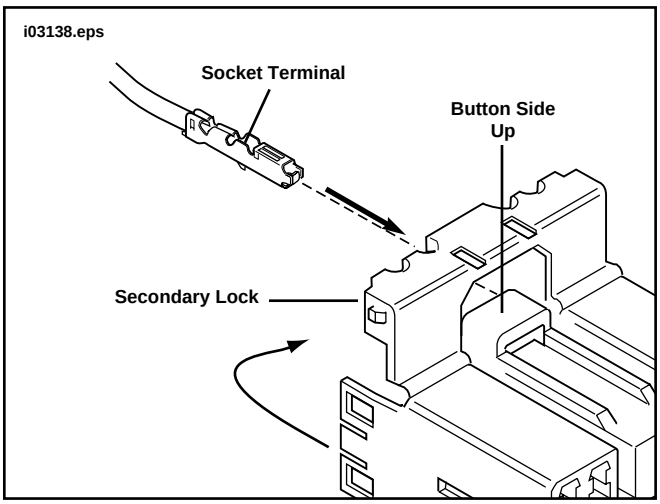

Figure 11. Install Wire to Connector

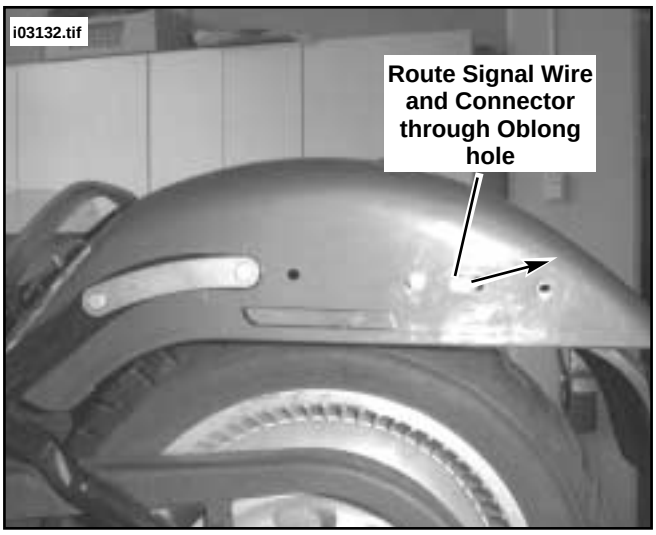

Figure 12. Route Wiring and Connector Back to Original Location

18. See Figure 13. Reinstall strut to fender using socket head capscrews at front of strut. Finger tighten.

19. Install original capscrews and washers through fender at midpoint and near end of strut. Make sure strut does not bind or pinch turn signal wiring. Tighten capscrews to 12-15 ft-lbs (16.3-20.3 Nm).

20. Return to socket head capscrews at front and tighten to 14-16 ft-lbs (19.0-21.7 Nm).

21. Insert turn signal connector (White, 2-place) into left turn harness connector (White, 2-place) until it snaps.

22. Perform procedures 17 through 21 for the right strut assembly, however in Step 21, the right turn signal connectors are black.

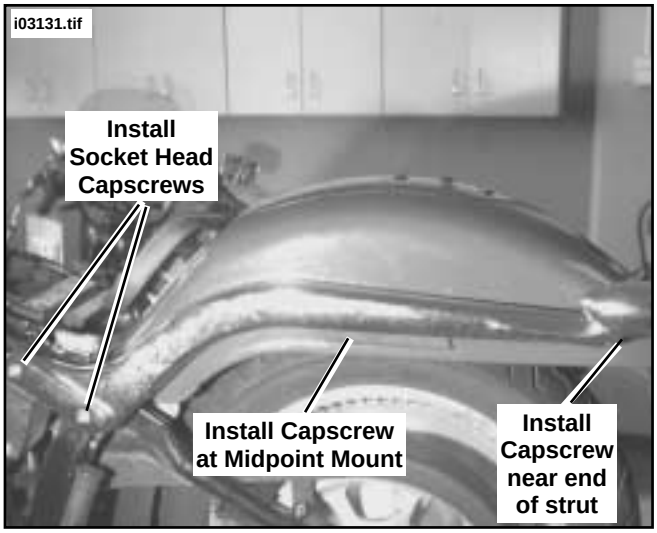

Figure 13. Install Strut to Fender

23. See Figure 14. Connect tail lamp connector (White, 4-place) to harness connector (Black, 4-place).

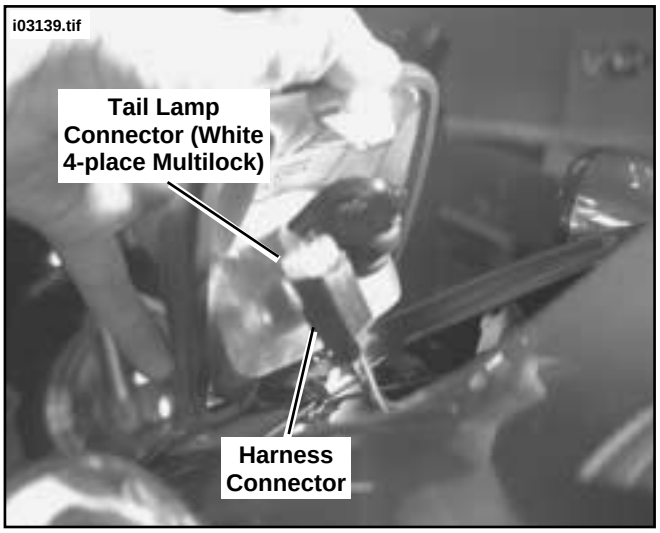

Figure 14. Connect Tail Lamp to Harness

23. See Figure 15. Align tail lamp assembly with cutout in fender as shown. Insert upper spring into place and with index finger, push upward slightly on lower spring while firmly pressing assembly toward fender. Assembly is secure when upper and lower springs “click”.

Figure 15. Install Tail Lamp Assembly

Install Saddlebag Support Kit (P/N 68360-00)

1. See Figure 16. Obtain and identify the left and right saddlebag supports.

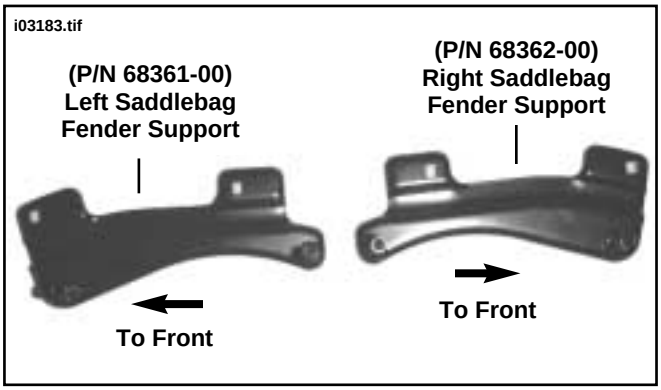

Figure 16. Identify Left and Right Supports

2. See Figure 17. Loosely install two (carriage-style) mounting bolts (P/N 5418) and two flange nuts (P/N 7601) to each support with bolt heads facing the outer (saddlebag) side of support assemblies. Finger tighten. Then, loosely install two 3/8-16X3" Hex Head Cap Screws (P/N 4205) and two 3/8-16 Nylon Insert Hex Lock Nuts (P/N 7778) to each support through the Fender Support welded-on spacers from inside to outside. Finger tighten.

NOTE

Figure 18 and lower portion of Figure 19 are provided for illustration purposes only. It is not necessary to remove fender for the following procedures.

3. See Figure 18. Visually locate rounded sections of mounting bracket cutouts (on bracket mounted under fender) which will capture the rounded head of the support bolts when attaching saddlebag supports.

NOTE

When performing Steps 4 through 6, if possible, lift the motorcycle so the rear wheel drops to the bottom of shock travel. This will help provide clearance between the rear tire and fender and provide room for tools and hands when accessing the mounting bracket.

4. See Figure 18 and 19. Slide support (right side shown in upper portion of Figure, left side shown from underneath in lower portion of Figure.) up under fender as shown. While aligning rails on support with rails on mounting bracket, engage rounded head of mounting bolt with rounded portion of bracket cutouts (See lower portion of Figure 19). The following techniques may prove useful in performing this Step:

   a. You may have to move the support back and forth while pulling toward fender in order to feel rail alignment and bolt heads engage the bracket.

   b. It may also be necessary to push on the nuts to help engage the bolt heads into the bracket cutouts.

   c. Another method is to pre-install the mounting bolts into the mounting bracket cutouts, install the fender support onto the mounting bolts, then install the flange nuts onto the bolts.

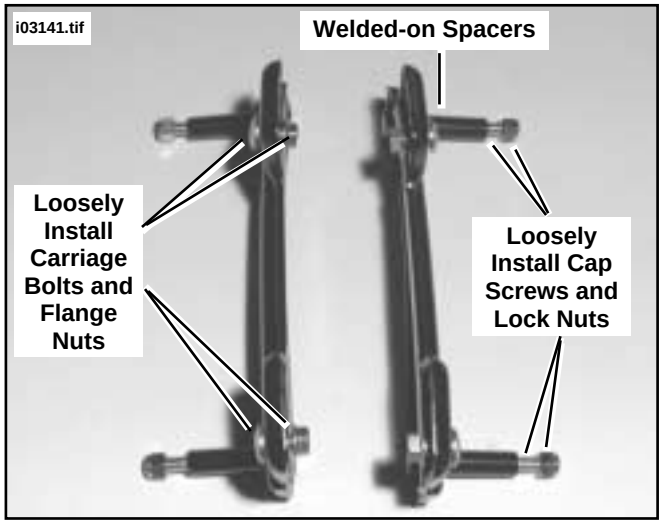

Figure 17. Saddlebag Fender Supports

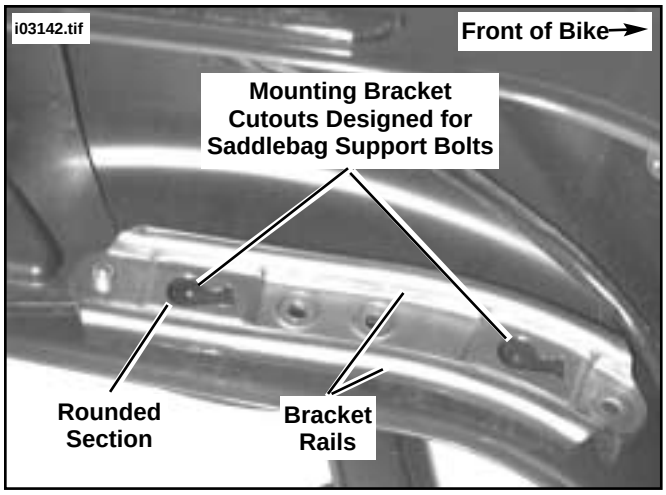

Figure 18. Bracket installed under Fender (Left Side Shown from Inside Fender)

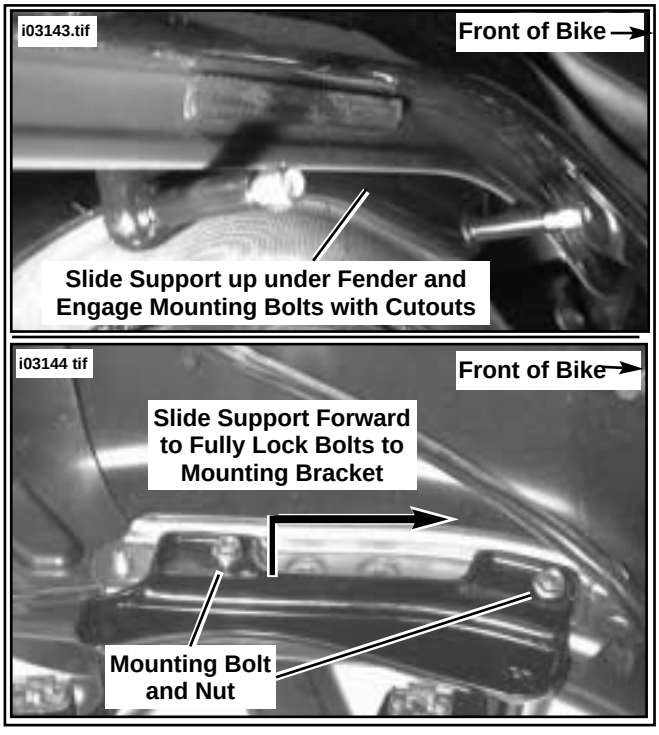

Figure 19. Slide Support Fully Forward (left shown)

5. When rails are aligned and both bolts are fully engaged within cutouts, slide the saddlebag support as far forward as possible to lock each of the support bolts into position.

6. Tighten the support hardware to 27 ft-lbs (36.6 Nm)

7. Perform procedures 3 through 6 for the opposite saddlebag fender support.

8. Starting with the left side, remove lock nuts from bolts previously installed in Step 2 (installed to hold the 3/8-16 bolts in place in the fender support spacers).

9. See Figure 20. Obtain the left saddlebag support plate (P/N 68364-00). With horizontal ledge facing outward (away from motorcycle), install plate, then install washer (P/N 6701) and lock nut. Use a wrench to keep bolt heads from turning and tighten lock nuts to 27 ft-lbs (36.6 Nm).

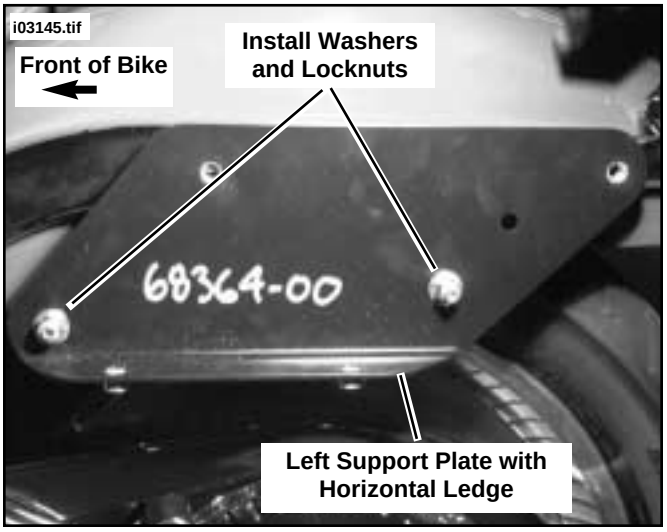

Figure 20. Install Left Saddlebag Support Plate

10. On the right side, remove lock nuts from bolts previously installed during Step 2.

11. See Figure 21. Obtain the right saddlebag support plate (P/N 68363-00). While aligning plate (oriented as shown) (three pressed-in nuts towards fender), install plate onto bolts then install washer (P/N 6701) and lock nut onto each bolt. Use a wrench to keep bolts heads from turning and tighten lock nuts to 27 ft-lbs (36.6 Nm).

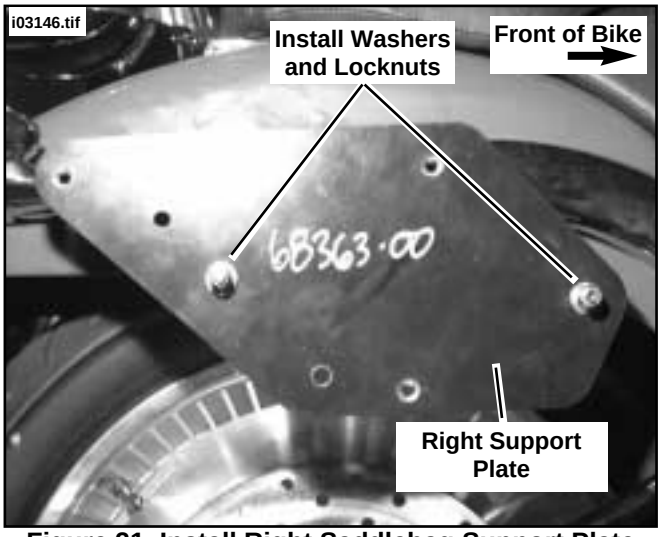

Figure 21. Install Right Saddlebag Support Plate

12. See Figure 22 Obtain Rear Support Bar (P/N 68367-00) from kit. Install support bar spanning from the inside of one saddlebag support plate, over License Plate Bracket (between bracket and fender), to other support plate. Make sure the holes in the support bar plates align with the holes in both left and right saddlebag support plates.

13 Install flat Washer (P/N 6701) onto bolt (P/N 2879W) and install through left saddlebag support plate and left support bar plate. Install another flat washer (P/N 6701) and Lock Nut (P/N 7778). Snug nut, but do not tighten fully at this time. Repeat Step for the right side.

14. Adjust support bar so that it runs parallel with rear fender and top of license plate bracket and tighten nuts to 27 ft-lbs (36.6 Nm).

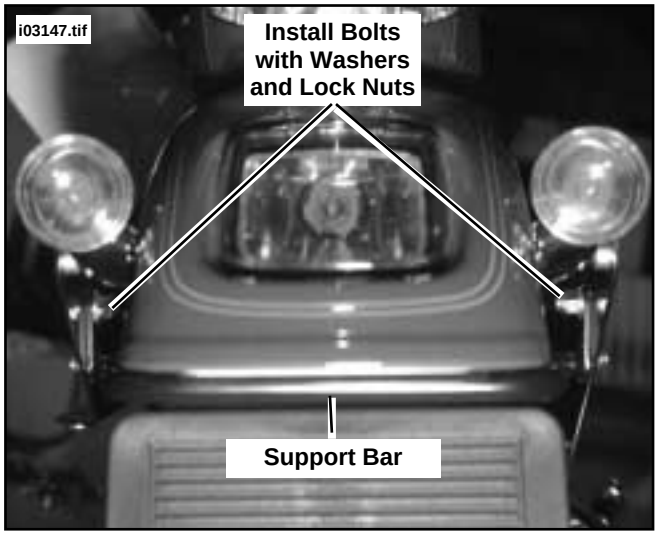

Figure 22. Install Rear Support Bar

CAUTION

Be sure all carriage bolts (2 per side) are fully engaged forward into keyhole slots in vehicle and tightened securely. If carriage bolts are not fully engaged, the saddlebags may become loose, rattle and cause damage to vehicle, saddlebags or personal property.

⚠WARNING

Make sure all saddlebag support plate bolts securing support plates to saddlebag fender supports are tightened securely with the threaded portion of bolt protruding beyond the nylon locking area of the nut. If support plate bolts are not tightened securely, the saddlebag support may become loose which could result in loss of control and death or serious injury.

Install Leather Saddlebags (P/N 90404-00)

1. See Figure 23. Obtain Left Saddlebag (P/N 90405-00) from kit. Install saddlebag onto left saddlebag support plate by aligning the saddlebag mounting slots with the pressed-in nuts on the saddlebag support plate. On inside of the saddlebag there are two slots to align on the vertical portion of the saddlebag plastic back, and two slots on the horizontal ledge. Install a Hex Cap Screw (P/N 2851) and a hardened washer (P/N 6519) at each of the four mounting locations. Finger-tighten all four cap screws first to insure proper thread engagement, then snug all four, starting with the two on the horizontal ledge. Finally, tighten all four being careful not to deform the plastic. Tighten only to 15 ft-lbs (20.3 Nm) maximum.
2. See Figure 24. Repeat Step 1 for the right side. The right saddlebag only has three mounting locations, all on the vertical portion of the saddlebag plastic back. Finger-tighten all three cap screws first, then snug all three. Finally, tighten all three, being careful not to deform plastic, to 15 ft-lbs (20.3 Nm) maximum.

Install Reflectors

NOTE

In the next step, red reflectors are provided to meet Domestic requirements. For International installations, do not install reflectors on saddlebags.

⚠WARNING

Federal Motor Vehicle Safety Standard (FMVSS) 108 requires all motorcycles to be equipped with side reflectors. The mounted saddlebags will cover the factory installed reflectors on some vehicles. Install, or have Dealer install, the reflectors supplied with the saddlebags. Loss of visibility to other motorists could result in an accident and death or serious injury.

1. See Figure 25. Locate area at corner section of saddlebag where threads intersect. Reflector should be installed approximately 1” towards front of bike from corner and approximately 1/2” down from corner.
2. Using isopropyl alcohol, thoroughly clean the area in which reflector is to be installed. Let dry completely. Remove adhesive backing and install reflector. Repeat for opposite saddlebag. Let adhesive cure for 24 hours.

⚠WARNING

Always connect the positive battery cable first. If the positive cable should contact ground with the negative cable installed, the resulting sparks may cause a battery explosion resulting in death or serious injury.

3. Connect battery cables, positive cable first.

4 Install seat.

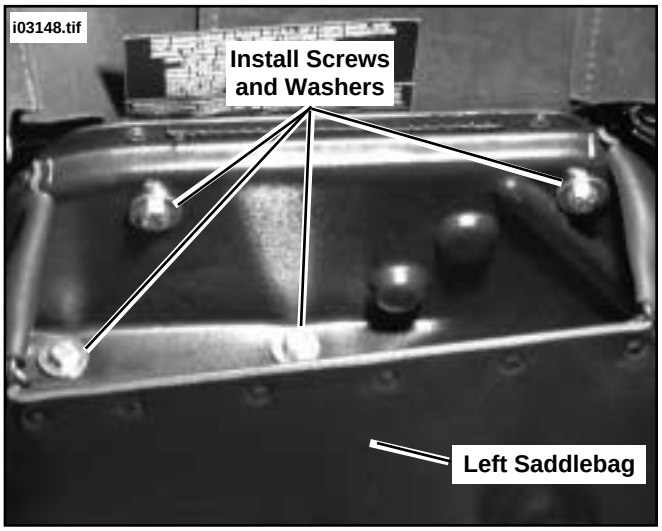

Figure 23. Install Left Saddlebag to Support Plate

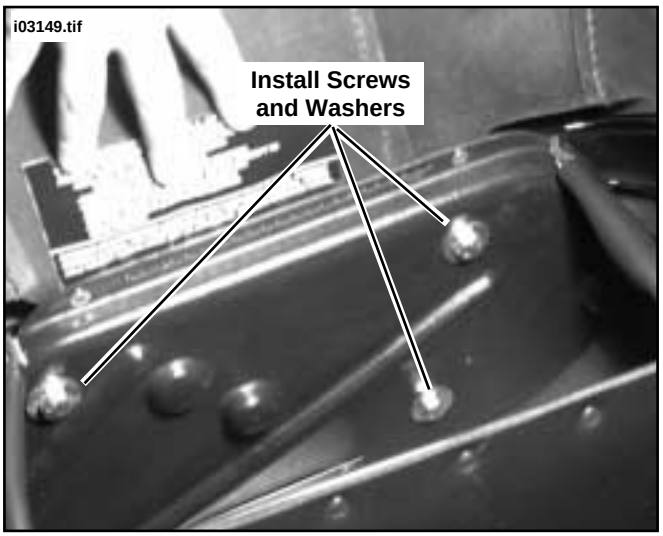

Figure 24. Install Right Saddlebag to Support Plate

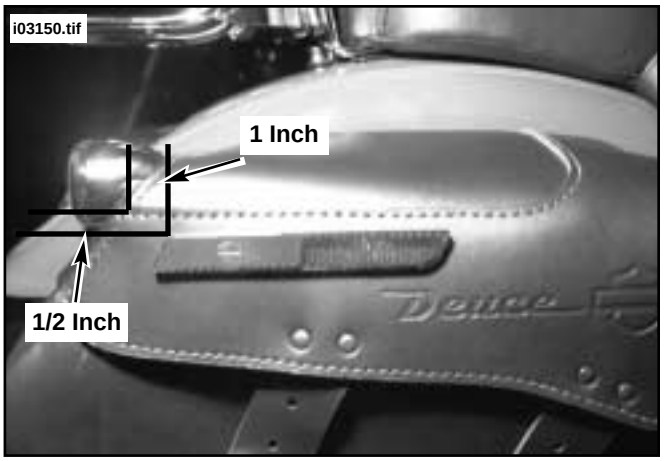

Figure 25. Install Reflectors

⚠WARNING

After installing seat, pull upward on front of seat to be sure it is locked in position. If seat is loose, it could shift position during vehicle operation and startle the rider causing loss of control of vehicle and death or serious injury.

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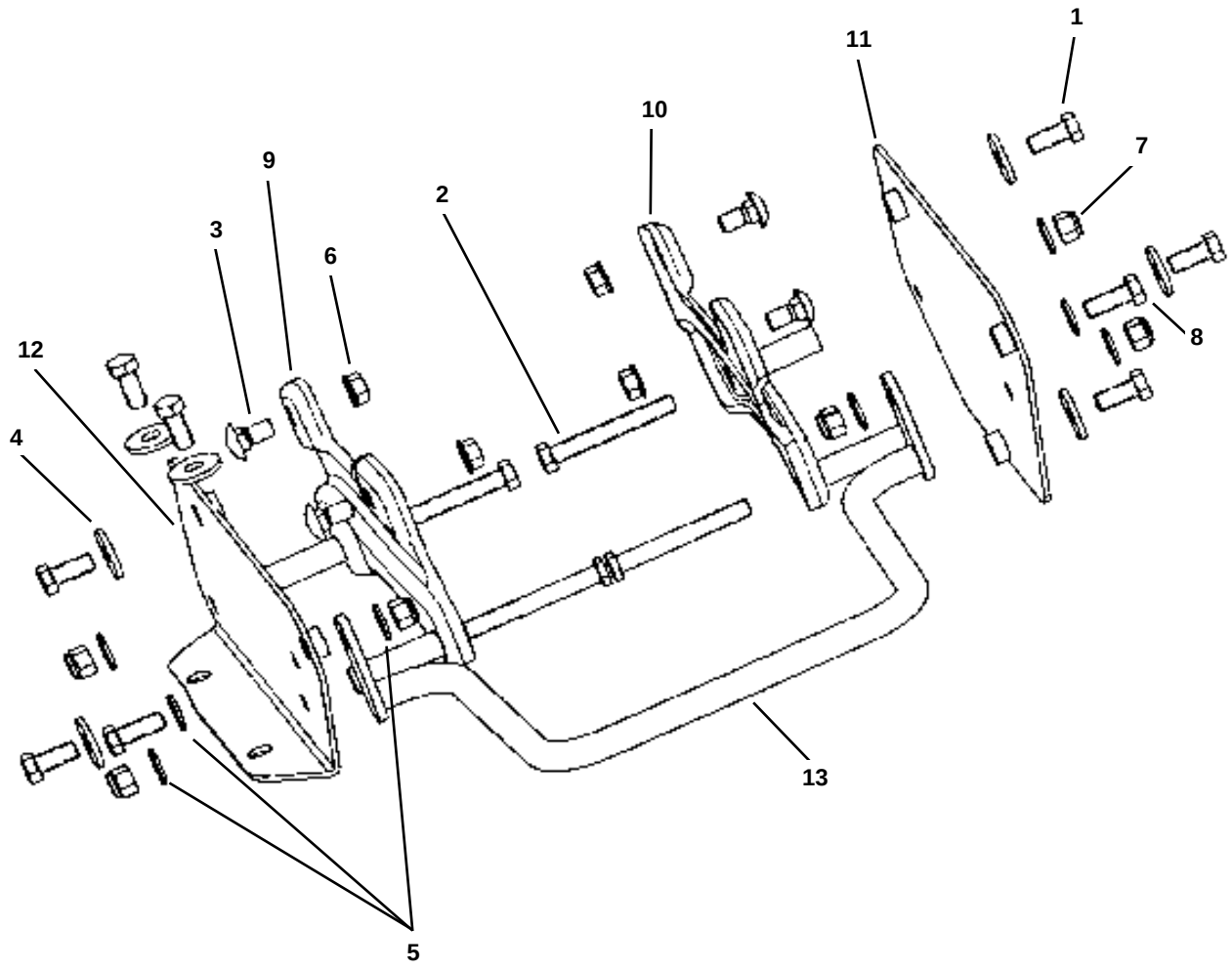

Saddlebag Support Kit (P/N 68360-00)

Item	Description (Qty.)	Part No.	Item	Description (Qty)	Part No.
1	Screw, hex cap 3/8-16X.88” (7)	2851	8	Screw, hex cap 3/8-16x1” (2)	2879W
2	Screw, hex cap 3/8-16x3” (4)	4205	9	Fender support, saddlebag (left)	68361-00
3	Bolt, round head carriage (4)	5418	10	Fender support, saddlebag (right)	68362-00
4	Washer, hardened (7)	6519	11	Support plate, saddlebag (right)	68363-00
5	Washer, 3/8” plain Type A (8)	6701	12	Support plate, saddlebag (left)	68364-00
6	Nut, flange 3/8-16 (4)	7601	13	Rear Support bar	68367-00
7	Nut, lock 3/8-16 w/nylon insert (6)	7778			

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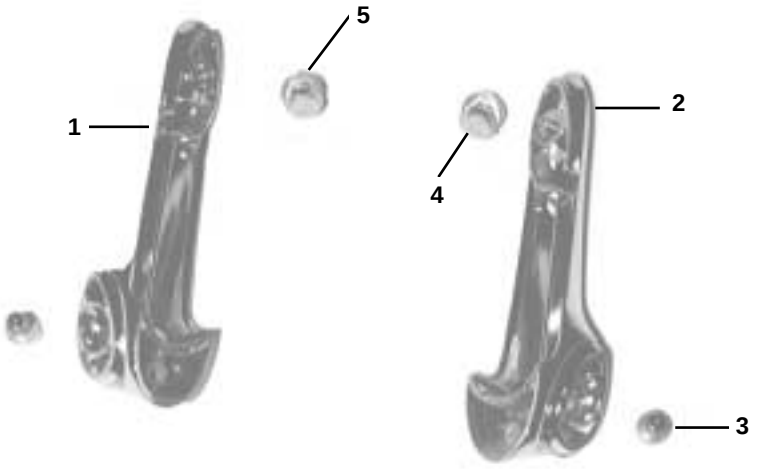

Directional Relocation Kit (P/N 90395-00)

Item	Description (Qty.)	Part No.
1	Standoff, directional relocation (left)	not sold
2	Standoff, directional relocation (right)	not sold
3	Screw, hex socket head cap (2)	3531A
4	Screw, hex cap (2)	3929
5	Washer, plain Type A (2)	6702

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Leather Saddlebag Kit (P/N 90404-00)

Item	Description (Qty.)	Part No.
1	Leather saddlebag left	90405-00
2	Leather saddlebag right	90406-00
3	Reflector, red right (not shown)	59287-92
4	Reflector, red left (not shown)	59288-92
5	Leather care kit (not shown)	not sold