

INSTRUCTION SHEET

Buell
AMERICAN MOTORCYCLES

-J00954

Kit Numbers 90434-99Y, 90435-99Y and others (See Below)

REV. 12-21-98

S3 SADDLEBAGS

General

The following kits are designed to fit Buell S3 model motorcycles.

Narrow kits:

90434-99YYA
90434-99YYB
90434-99YYC
90434-99YYD
90434-99YYE
90434-99YYF
90434-99YYG
90434-99YYL
90434-99YYM
90434-99YYU
90434-99YYV
90434-99YYX

Deep Kits:

90435-99YYA
90435-99YYB
90435-99YYC
90435-99YYD
90435-99YYE
90435-99YYF
90435-99YYG
90435-99YYL
90435-99YYM
90435-99YYU
90435-99YYV
90435-99YYX

NOTE

Dealers: Please note and inform the customer of the following:

This kit contains 1999 saddlebags. All Parts and Accessory orders **MUST** order 1999 saddlebag parts regardless of the year of the bike.

Kit Contents:

QTY	DESCRIPTION	PART NO.
1	Left hand saddlebag	Not sold
1	Left saddlebag liner (deep lid)	91250-99Y
	Left saddlebag liner (shallow lid)	91328-99Y
1	Right hand saddlebag	Not sold
1	Right saddlebag liner (deep lid)	91251-99Y
	Right saddlebag liner (shallow lid)	91329-99Y
1	Front saddlebag support bracket	91262-97Y
1	Rear saddlebag support bracket	91268-97Y
2	Saddlebag bracket bolts, 5/16-18x1-5/8	3791Y
2	Flat washers 5/16	2847Y
2	Bolts, 1/4-20x1	2880Y
3	Washers, 1/4	6013Y
3	Flexlock nut, 1/4-20	7260Y
2	Rear footpeg bolts, 3/8-16x1-3/8	3864Y
2	Rear footpeg locknuts, 3/8-16	7705Y
1	Bolt, 1/4-20x1	3840Y
1	Cable release with rubber boot (to be added on 97 and 98 models only)	52389-98Y
1	*Clamp, rubber cushioned	91277-97Y
1	*Seat latch with keyhole	52380-97Y
1	**8-1/2 in. long BROWN turn signal ext. wire (1997 only)*	72413-97Y
1	**8-1/2 in. long PURPLE turn signal ext. wire (1997 only)*	72414-97Y
2	**8-1/2 in. long BLACK turn signal ext. wire (1997 only)*	72415-97Y
2	Sheathing (1997 models only)	70558-71
1	Zip tie (1997 models only)	69597-96Y
2	Saddlebag bumper sleeves	91267-97Y
2	Saddlebag bumper jam nuts, 1/4-20	7535Y
2	Saddlebag bumpers	91266-97Y

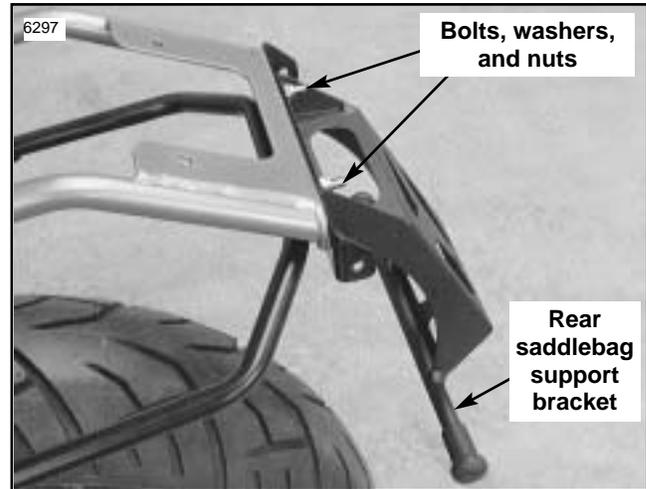


Figure 1. Attaching Saddlebag Supports
(tail section removed for clarity)

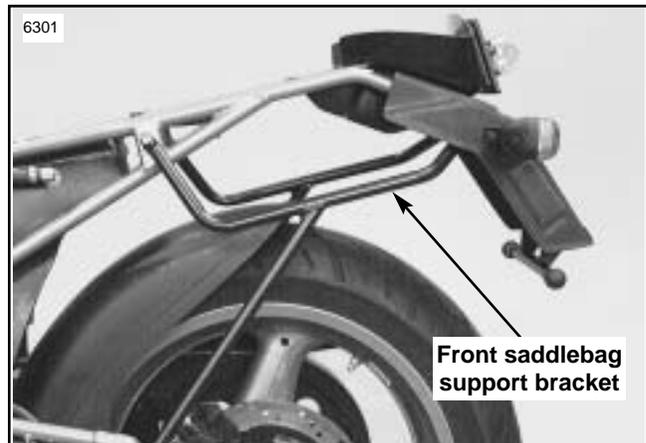


Figure 2. Saddlebag Supports
(tail section removed for clarity)

NOTE

* Clamp and seat latch are only required for earlier models without the welded cable release tab and slotted seat latch.

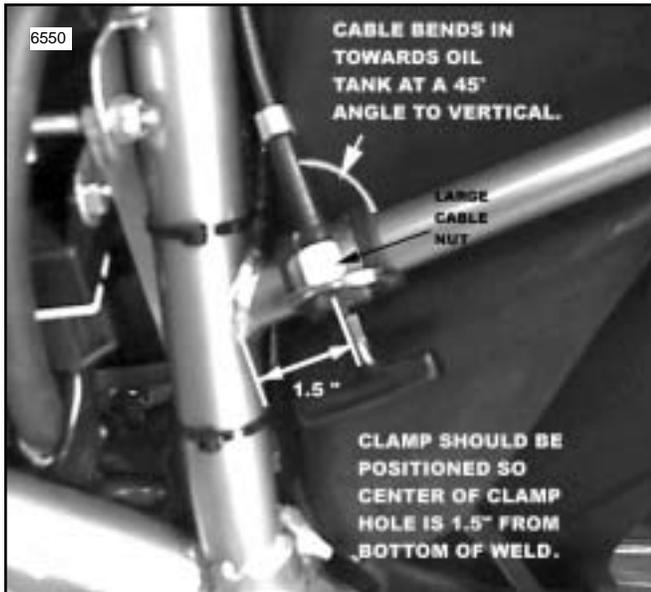
NOTE

**FOR 1997 ONLY KIT PARTS IDENTIFIED ABOVE

Four turn signal extension wires are included to supply the additional length required to mount saddlebags on 1997 models.

Installation

1. See Figure 1. Remove and discard the two 1/4-20 bolts, washers and nuts at rear of frame, located under the tail section. For European models, remove and discard two license plate support brackets. Remove and discard two rear foot peg bolts.



**Figure 3. Cable Clamp Position
(for 1997 frames w/out welded tab)**

2. See Figure 2. Position the front saddlebag support bracket, open to the front, under the tail section. Place the rear of the bracket on the frame ledge under the tail section. Rotate the bracket up at the front, slightly spreading the front mounts of the bracket to clear the frame rails. Set into position by aligning the front bracket spools with the frame mounting. The feet, at the bottom of the bracket go to the rear of the passenger footpeg mounting tabs.
3. Loosely place the two furnished 5/16-18 x 1-5/8 bolts and washers in the front bracket spools. Do not tighten at this time.

4. See Figure 1. Place the rear saddlebag support bracket into position. Install the two 1/4-20 x 1 bolts, washers and nuts furnished with the kits. Torque the bolts to 6-8 ft-lbs. (8-11 Nm).
5. Place the two 3/8-16 x 1-3/8 bolts through the footpeg tab, lower bracket mount and locknut. Torque 3/8-16 bolts to 23-27 ft-lbs (31-37 Nm). Torque the 5/16-18 bolts placed in Step 3 to 13-17 ft-lbs (18-23 Nm).

⚠ WARNING

Saddlebag support brackets are not “grab handles” for passenger. Using support bracket as a passenger grab handle could result in death or serious injury.

License Plate Bracket Modification

NOTE

The following procedure is required only if the license plate support bracket does not have a 17/64 inch clearance hole in center of plate mounting face.

1. Remove license plate from bracket.
2. Locate the 17/64 inch clearance hole in the center of the rear saddlebag support bracket.
3. Temporarily mount the plastic license plate mounting bracket. Mark the location of the rear saddlebag support bracket clearance hole onto the license plate bracket.
4. Remove the license plate bracket and drill a 17/64 inch clearance hole at location marked in Step 3.
5. Re-mount the license plate bracket permanently. Install the 1/4-20 x 1 (large, thin headed) bolt through both clearance holes described in Steps 3 and 4. Fasten with the washer and nut. The head of the bolt should be between the license plate and the license plate bracket.

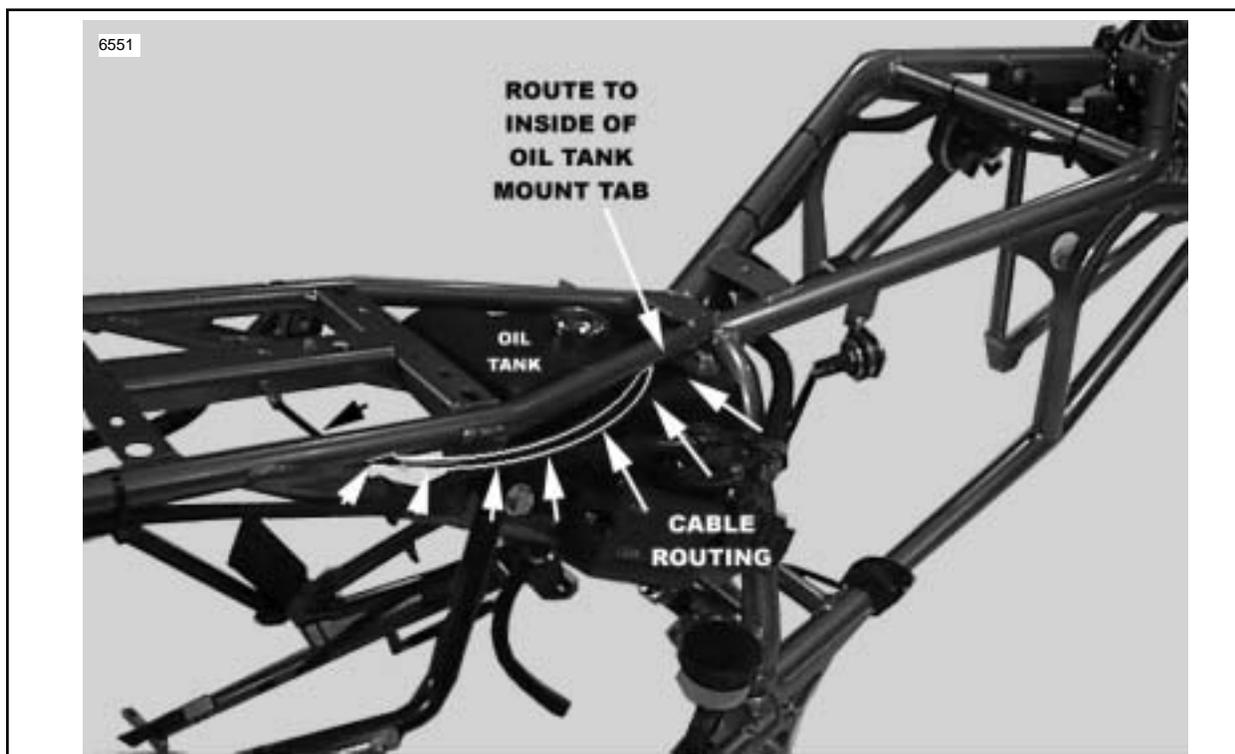


Figure 4. Cable Oil Tank Routing

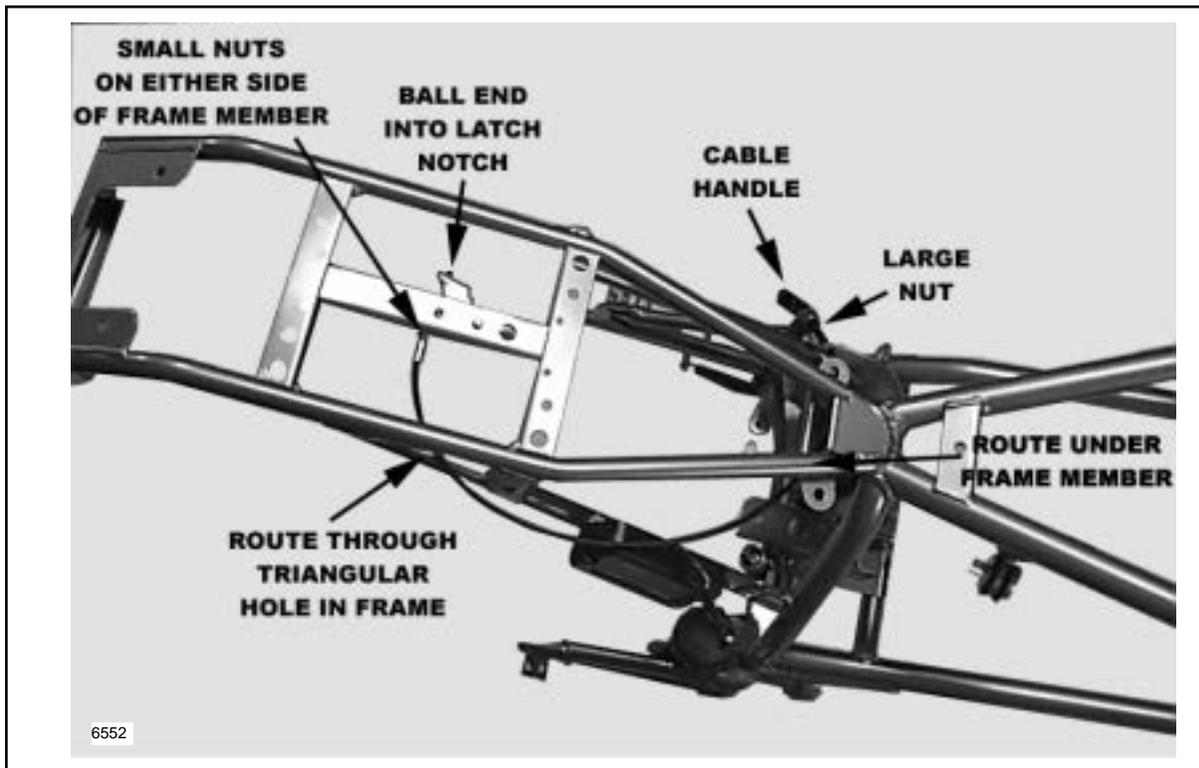


Figure 5. Cable Latch Attachment

Cable Seat Release Installation

1. Remove the two small nuts on one end and the large nut on the handle end of the cable assembly.
2. **Models with welded tab on frame:** Insert the cable through the welded tab on the frame as shown in Figure 3.
Models without welded tab on frame: Install the furnished 3/4 inch rubber cushioned clamp positioned as shown in Figure 3 and then insert the cable through this clamp.

⚠ WARNING

Be sure not to overtighten large cable nut. Overtightening the cable nut may cause binding which could result in improper seat latch operation and could result in death or serious injury.

3. Install the large cable nut and tighten to a snug fit. Do not overtighten as cable may cause binding. Binding could result in improper seat latch operation.
4. Route the cable assembly between the oil tank and frame as shown in Figures 4 and 5.

NOTE

For models without hole and slotted hole latch, a 17/64 inch hole must be drilled in the latch assembly frame member prior to performing step 5. The hole center location is 3-1/4 inches from the front cross frame member and 1/4 inch from the bottom of the latch assembly frame member. Next, replace the non-slotted latch with the furnished latch and then perform Step 5.

5. See Figure 5. Install one of the two small nuts on the cable latch attachment end and then insert cable through the 17/64 inch clearance hole in the frame member. Attach the second small nut to the cable.
6. Install the rubber boot over the cable end to prevent any debris from interfering with the cable function.

7. Install the cable "ball" to the slotted latch and then adjust the two small nuts to the frame allowing a maximum of 1/32 inch of play in the cable when completed.

Extension Wire Installation (1997 models only)

1. Add the four furnished extension wires, per colors, using the terminals.
2. Route the excess wire through the sheathing (two wires per sheath per side) and then fold the wires back onto themselves. Secure with the furnished zip tie.

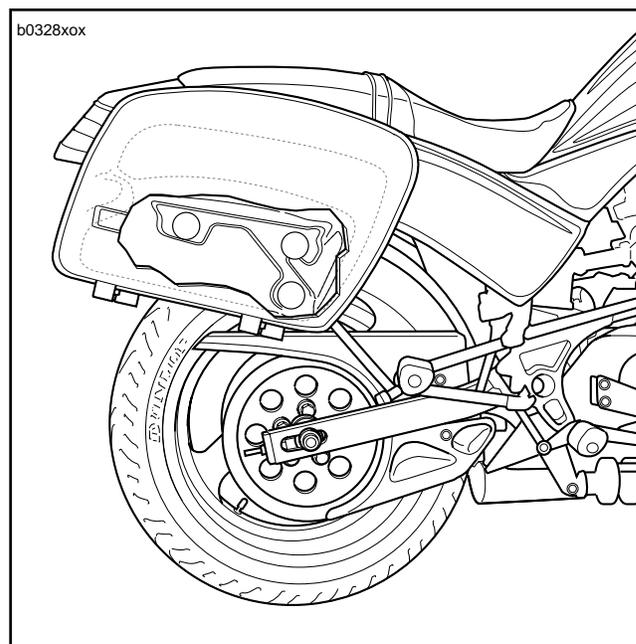


Figure 6. Saddlebags

Saddlebag Installation

1. See Figures 6 and 8. To install the saddlebags, first remove the lids from the saddlebag body.
2. Flip draw latch handles to release and turn until pawl is clear of channel on back of bag. Align molded channels on saddlebag with saddlebag front support channel. Turn handle and engage to draw in the toggle against the back side of the support backrest tube (Handle should point to rear of vehicle). The toggle should rest firmly in the depression on the back of the bracket tube. When the saddlebag body is in place, install lid.

CAUTION

Make sure contents do not interfere with cover seal when closing. If seal is disturbed, bags will not close properly.

3. Install both of the saddlebag liners and close lids. Lock saddlebags and remove the key.

NOTE

Bungee cords in the saddlebags hold soft luggage in place and prevent items from getting caught in seal between saddlebag body and lid.

Saddlebag Alignment

1. See Figure 7. With saddlebags fully secured, align saddlebags by turning bumper on each saddlebag counterclockwise until it contacts saddlebag, then turn bumper an additional full turn counterclockwise. Tighten jam nut against rear saddlebag support bracket.

WARNING

Keep cargo weight concentrated close to the motorcycle and as low as possible to minimize the change in the motorcycle's center of gravity. Distribute weight evenly on both sides of the vehicle and do not load bulky items too far behind the rider or add weight to the handlebars or front forks. Do not load saddlebag beyond maximum weight capacity. See label inside saddlebag for weight capacity limit. Improper loading can adversely affect handling, leading to death or serious injury.

CAUTION

Do not rest items on an open saddlebag cover. Placing objects on an open saddlebag cover could damage cover and mounting hardware.

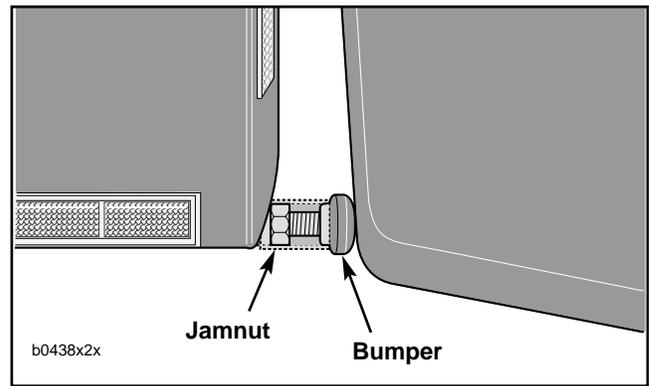


Figure 7. Saddlebag Alignment

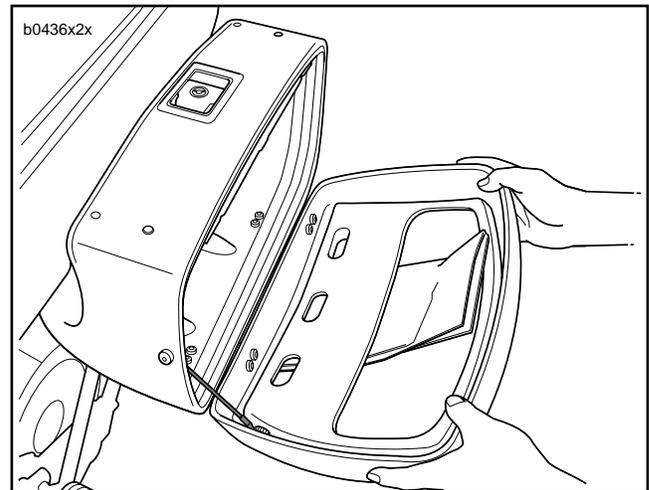


Figure 8. Saddlebag Lid Compartment