INSTRUCTION SHEET



-J00967 Kit Number 55850-97Y

REV. 8-21-97

BILLET ALUMINUM LOW HANDLEBARS

General

This Billet Aluminum Low Handlebar Kit is designed to fit Pro Series, and all S1, except White Lightning, and M2 models.

This Kit contains:

QTY 1 1 1 2 2 2 4 4	PART NO. 50513-97Y 55851-97Y 55852-97Y 55853-97Y 6309Y 6307Y 7607Y 6349Y	DESCRIPTION Center mount plate Handlebar, Left Handlebar, Right Handlebar Plate Spacer 1/4-20x7/8 SHCS-SS 1/4-20x3/4 SHCS-SS 1/4-20 Jam Nut 5/16-18x1.25 SHCS-SS

NOTE

A Service Manual for your motorcycle is available from your Buell Dealer.

Removal

- Remove front brake master cylinder.
 - a) Drain brake fluid into a suitable container. Discard used fluid according to local laws.
 - b) Open bleeder valve about 1/2-turn.
 - c) Install a length of plastic tubing over caliper bleeder valve. Place free end in a suitable container.
 - d) Pump brake hand lever to drain brake fluid. Tighten bleeder valve to 4-6 ft-lbs. (5.4-8.1 Nm).
- 2. Remove mirror (metric, left hand threads) from right handlebars.

ACAUTION

Damaged banjo bolt seating surfaces will leak when reassembled. Prevent damage to seating surfaces by carefully removing brake line components.

- Remove banjo bolt (metric) and two gaskets to disconnect brake line from master cylinder. Discard gaskets.
- Remove screw, lockwasher and washer to detach brake lamp switch.
- Remove two screws (metric) and clamp to detach master cylinder assembly from handlebar.
- Remove left handlebar switch housing. Cut left handlebar grip and remove.



Figure 1.

- 7. Remove screws on right handlebar switch housing, but do not detach throttle grip assembly from handlebar.
- 8. Remove instrument support to free handlebars.
- Detach clutch hand control from handlebars.
- Slide handlebars out of throttle grip assembly to remove.

Installation

- Align the upper handlebar clamp (previously removed from the conventional handlebars), with the four mounting holes of the new center mounting plate.
- Insert the four furnished 5/16 -18x1.25 SHCS-SS bolts through the upper handlebar clamp and the center mount plate.
- Install the two handlebar plate spacers below the center mount plate on the two bolts toward the rear of the motorcycle. Install this assembly.
- 4. Attach the right handlebar to the center mounting plate using a 1/4-20x7/8 bolt and Jam nut in the hole toward the front of the motorcycle, and a 1/4-20x3/4 bolt and Jam nut in the hole toward the rear of the motorcycle.
- Slide handlebar into throttle grip assembly and then fasten right handlebar switch housing to handlebar.
- 6. Install clutch hand control.

Attach the left handlebar to the center mounting plate using a 1/4-20x7/8 bolt and Jam nut in the hole toward the front of the motorcycle, and a 1/4-20x3/4 bolt and Jam nut in the hole toward the rear of the motorcycle.

Install left switch housing.

Install a new left handgrip.

NOTE

A desired choice of 7/8 inch diameter style handgrips must be purchased by the customer.

- Clean end of handlebar with M600.
- Place LOCTITE 411 ADHESIVE around inside of grip.
- Push grip onto handlebar end. Twist grip on bar until end touches left switchgear housing.
- Wipe off excess adhesive with a rag.
- 9. Install instrument support.
 - Route right hand control wires under handlebar and in front of fork tube and handlebar clamp.
 - Route left hand control wires under handlebar and in front of fork tube and handlebar clamp.
 - Tighten the two instrument support screws nearest the headlamp (using the furnished 1/4-20x3/4 SHCS-SS and Jam Nuts) to 10-12 ft-lbs. (13.6-16.2 Nm).
 - Then tighten the two instrument support screws nearest the fuel tank (using the 1/4-20x7/8 SHCS-SS and Jam Nuts) to 10-12 ft lbs. (13.6-16.2 Nm).
- 10. Install front brake master cylinder as follows:
 - Fasten master cylinder to handlebar by installing clamp and screws (metric). Tighten to 80-90 in-lbs. (9.0-10.2 Nm).

ACAUTION

To avoid leakage, verify that gaskets, banjo bolt, hydraulic brake line, caliper bore and master cylinder bore are completely clean.

 Connect new brake line to master cylinder using the new furnished sealing gaskets. Tighten banjo bolt (metric) to 17-20 ft-lbs. (23.0-27.1 Nm).

- 11. Install the existing brake line wire form to secure and provide proper routing of the brake line. Attach the wire form to the brake line at same location as the other brake line and attach using the existing hardware.
 - Connect brake line to caliper using the other new sealing gaskets. Tighten the banjo bolt to 16-20 ft-lbs (21.7-27.1 Nm)
 - Attach brake lamp switch with screw, lockwasher and washer
 - Remove two master cylinder cover screws, cover and cover gasket.
 - With the master cylinder in a level position, add D.O.T.
 SILICON HYDRAULIC BRAKE FLUID. Bring fluid level to within 1/8 in. (3.2 mm) of molded boss inside front master cylinder reservoir.

ACAUTION

To avoid leakage, verify that gaskets, banjo bolt, hydraulic brake line and master cylinder bore are completely clean.

- Verify proper operation of the master cylinder relief port. Actuate the brake lever with the reservoir cover removed. A slight spurt of fluid will break the surface if all internal components are working properly.
- Attach master cylinder cover and cover gasket with two cover screws. Tighten to 9-13 in-lbs. (1.0-1.5 Nm).
- Bleed brake system per details in the Service manual.
- Install mirror parallel to handlebars. Mirror mount has metric, left hand thread.
- Turn ignition key switch to IGN. Apply brake hand lever to test brake lamp operation.

-J00967 2 of 2