

## Safety Recall Code 0804

### S2-T Handlebars and Touring Handlebar Kit, Part No. 55899-94Y

#### GENERAL

Buell Motorcycle Company has decided that the tall handlebars used on certain 1996 Buell S2-T motorcycles may crack and could eventually become detached from the cuff which provides attachment to the front fork tubes.

Parts and Accessories Kit Part No. 55899-94Y, shipped with a packaging date prior to 11/95, may also be subject to this condition.

As a precautionary measure, Buell Motorcycle Company elected to initiate a voluntary recall in the interest of motor vehicle safety. The condition will be remedied by replacing the handlebars on all potentially affected vehicles, and/or removing and returning affected kits from dealer stock. A vehicle and dealer inventory procedure is contained within this bulletin. **DO NOT SELL ANY TOURING HANDLEBAR KITS PREVIOUSLY SHIPPED TO YOU.**

#### Dealer Action, Affected Vehicles

Buell Distribution Corporation has attached a complete list of all vehicles involved in this recall. This list is in V.I.N. order. To ensure the safety of all affected riders, it is your responsibility to perform the required service on all affected vehicles, even if the motorcycle was not purchased from your dealership.

If you are not sure that a safety recall has been completed on a particular Buell motorcycle, contact the recall hotline at 1-800-448-1708.

Also included with this bulletin is a sufficient supply of owner notification letters to assist you with the notification process for customers who may have received these parts at the retail level. As Buell Motorcycle Company has no record of who may have received these parts, it is your responsibility to notify each of your customers. In this case, since the recall involves parts and not a vehicle, the recall hotline referenced above **WILL NOT BE ABLE TO ASSIST YOU.**

#### IMPORTANT NOTE

**Because only registered owners, as shown on the attached list, will receive notification from Buell Distribution Corporation, we request that you contact any owners of vehicles still listed as unregistered. Advise them of the safety recall and make arrangements for them to come in for recall service. We also require that you provide us with their names, addresses and V.I.N.s as soon as possible. This will enable us to mail them an owner's letter as required by the National Traffic and Motor Vehicle Safety Act, as amended.**



Figure 1. Affected Handlebars

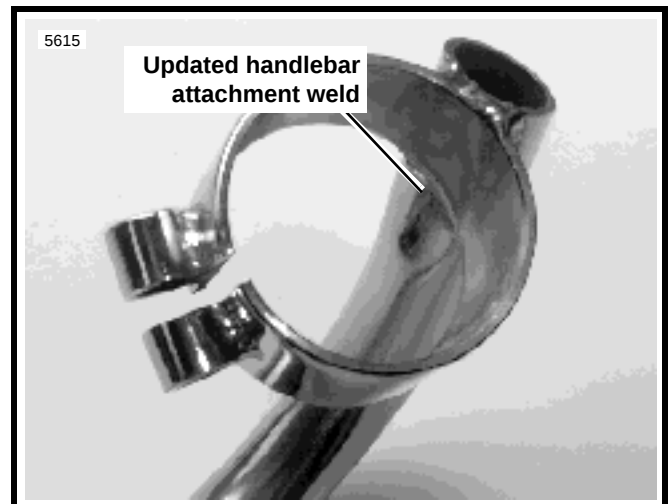


Figure 2. Replacement Handlebars

Shipment of replacement original equipment handlebar kits, Part No. 93771Y, **for affected vehicles only**, will begin on or before November 2, 1995. All kits for vehicles originally equipped with affected handlebars will be shipped direct from Buell Motorcycle Company, no charge, transportation paid.

| ROUTING      | SERVICE<br>MANAGER | SALES<br>MANAGER | PARTS<br>MANAGER | LEAD<br>TECHNICIAN | TECHNICIAN<br>NO. 1 | TECHNICIAN<br>NO. 2 | TECHNICIAN<br>NO. 3 | TECHNICIAN<br>NO. 4 | RETURN<br>THIS TO: |
|--------------|--------------------|------------------|------------------|--------------------|---------------------|---------------------|---------------------|---------------------|--------------------|
| INITIAL HERE |                    |                  |                  |                    |                     |                     |                     |                     |                    |

## HANDLEBAR REMOVAL

### Right Handlebar

1. Cut cable straps holding wiring harness to right and left handlebars.
2. Remove master cylinder mounting screws, washers and clamp. Free master cylinder assembly from handlebar.
3. Using a pencil, mark gap location of existing handlebar collar on fork tube.
4. Loosen the two screws to separate upper switch housing from lower housing. Spread upper and lower switch housings.
5. Remove and retain handlebar mounting bolt. Discard nut.
6. Remove right handlebar from front fork.
7. Slide switch housing assemblies and throttle control grip from right handlebar.

### Left Handlebar

1. Remove the two screws to separate upper switch housing from lower housing. Spread upper and lower switch housings and remove housings from handlebar.
2. Remove clutch control clamp screws and washers. Separate assembly of clutch cable upper section, clutch control and clutch lever bracket from left handlebar.
3. Using a pencil, mark gap location of existing handlebar collar on fork tube.
4. Remove and retain handlebar mounting bolt. Discard nut.
5. Remove left handlebar from front fork.

## HANDLEBAR INSTALLATION

### Right Handlebar

1. Install throttle control grip over end of **new** handlebar. Loosely attach upper switch housing to lower switch housing using screws.
2. Mount right touring handlebar loosely on top of fork leg using bolt and **new** nut supplied with kit. Align gap in collar with pencil marks on fork tube.
3. Fasten master cylinder assembly to handlebar by installing clamp, screws and washers. Do not final tighten at this time.
4. Verify that master cylinder is tight against switch housing. Tighten master cylinder screws to 70-80 **in-lbs** (7.9-9.0 Nm) torque. Tighten switch housing screws to 18-24 **in-lbs** (2.0-2.7 Nm) torque.



**Throttle cables must not pull tight when handlebars are turned fully to left or right fork stops. Be sure wires and throttle cables are clear of fork stops at steering head so they will not be pinched when fork is turned against stops. Steering must be smooth and free with no binding or interference which could cause loss of control or personal injury.**

5. Move handlebar through full range of motion. Check for proper fuel tank cover and fairing clearance.

6. Tighten handlebar clamp bolt to 12-15 ft-lbs (16-20 Nm) torque. Erase any alignment marks with a pencil eraser.
7. Fasten wiring harness to outside of handlebar using a **new** cable strap.
8. Adjust throttle control freeplay according to THROTTLE CONTROL, ADJUSTMENT in Section 2 of the 1995 BUELL S2-THUNDERBOLT SERVICE MANUAL (Part No. 99489-95Y).
9. Test operation of brake lamp with the front brake applied and the ignition/headlamp switch turned ON.

### Left Handlebar

1. Mount **new** left touring handlebar loosely on top of fork leg using bolt and **new** nut supplied with kit. Align gap in collar with pencil marks on fork tube.
2. Position clutch control clamp and assembly of clutch cable upper section, clutch lever and clutch lever bracket onto left handlebar. Loosely install using screws and washers.
3. Place upper switch housing over left handlebar and secure to lower switch housing using screws. Do not final tighten at this time.
4. Move handlebar through full range of motion. Check for proper fuel tank cover and fairing clearance.
5. Tighten handlebar clamp bolt to 12-15 ft-lbs (16-20 Nm) torque. Erase any alignment marks with a pencil eraser.
6. Verify handgrip is tight against switch housing and clutch control clamp. Tighten clutch control clamp screws to 70-80 **in-lbs** (7.9-9.0 Nm) torque. Tighten switch housing screws to 18-24 **in-lbs** (2.0-2.7 Nm) torque.
7. Fasten wiring harness to outside of handlebar using a **new** cable strap.



**Clutch cable must not pull tight when handlebars are turned fully to left or right fork stops. Be sure cable is clear of fork stops at steering head so it will not be pinched when fork is turned against stops. Steering must be smooth and free with no binding or interference which could cause loss of control or personal injury.**

8. If necessary, adjust clutch cable freeplay according to CLUTCH RELEASE MECHANISM, ADJUSTMENT in Section 6 of the 1995 BUELL S2-THUNDERBOLT SERVICE MANUAL (Part No. 99489-95Y).
9. Test operation of all handlebar controls:  
Right Handlebar:
  - a. Start switch
  - b. Engine stop switch
  - c. Right turn signal
  - d. Front brake and brake lamp
  - e. Throttle controlLeft Handlebar:
  - a. Headlamp (high/low positions)
  - b. Horn
  - c. Left turn signal
  - d. Clutch control
10. Fasten left and right handlebar wiring harnesses together with a **new** cable strap. Strap should be placed in front of upper triple clamp.

# CLAIM FILING PROCEDURES

## NOTE

It is important that these specific instructions be followed as outlined in each case. This will allow for accurate tracking and reporting as required by the National Highway Traffic Safety Administration. Following these instructions will also insure more timely credits.

## 1. Parts in Dealer Stock

Remove all affected handlebar kits, Part No. 55899-94Y, from your stock. If you wish to replace the kit with non-affected handlebar kits, you must place a regular P&A order for the desired quantity of Part No. 55899-94Y. To receive credit for parts from stock, complete a Buell Warranty Claim Form, Part No. 99520-95Y, referencing Service Bulletin B-007 in the "Description of Repair" section. Fill in the rest of the claim as shown in Table 1.

**Table 1. Parts in Dealer Stock**

|                                  |                           |
|----------------------------------|---------------------------|
| <b>Claim Type</b>                | BPR                       |
| <b>Quantity</b>                  | See NOTE below            |
| <b>Event 1, Problem Part No.</b> | 55899-94Y                 |
| <b>Part Description</b>          | P&A Touring Handlebar Kit |
| <b>Customer Concern Code</b>     | 9902                      |
| <b>Condition Code</b>            | 3206                      |

## NOTE

Quantity will vary depending upon dealer stock.

## 2. Parts Sold Over the Counter, Not Installed

Follow the same claim filing procedure as "Parts in Dealer Stock." For each customer purchased handlebar kit, the dealer must provide a replacement or a full refund. You must provide Harley-Davidson with a customer receipt in addition to the completed claim form.

## 3. Affected Original Equipment Vehicles and Dealer Installed Kits

Buell Motorcycle Company will ship replacement handlebar kits, Part No. 93771Y, only for your affected vehicles. Your appropriate number of kits will be shipped no charge, transportation paid. **You do not need to order kits for your vehicles originally equipped with the affected handlebars.** For each affected Buell motorcycle serviced, fill out a separate Buell Warranty Claim Form as shown in Table 2.

**Table 2. Affected Original Equipment Vehicles**

|                                          |                      |
|------------------------------------------|----------------------|
| <b>Claim Type</b>                        | BRC                  |
| <b>Quantity</b>                          | 0                    |
| <b>Event 1, Problem Part No.</b>         | 93771Y               |
| <b>Part Description</b>                  | Recall Handlebar Kit |
| <b>Primary Labor Code</b>                | 2210                 |
| <b>Time (includes 0.1 hr admin time)</b> | 0.5                  |
| <b>Customer Concern Code</b>             | 9902                 |
| <b>Condition Code</b>                    | 3206                 |

## NOTE

You must provide the affected vehicle V.I.N. on the claim form, one claim per affected vehicle serviced.

For those vehicles not originally equipped with the affected handlebars on which P&A kit 55899-94Y was installed, you must call Sarah Ottallah, Buell Distribution Corporation, 1-414-935-4358 for a replacement. You will be required to provide the V.I.N. of the vehicle in order for a replacement kit to be shipped. These kits will also be sent no charge, transportation paid.

For the vehicles on which P&A Kit 55899-94Y was installed, fill out a separate Buell Warranty Claim form as shown in Table 3.

**Table 3. Dealer Installed P&A Kit**

|                                          |                           |
|------------------------------------------|---------------------------|
| <b>Claim Type</b>                        | BPR                       |
| <b>Quantity</b>                          | 1                         |
| <b>Event 1, Problem Part No.</b>         | 55899-94Y                 |
| <b>Part Description</b>                  | P&A Touring Handlebar Kit |
| <b>Primary Labor Code</b>                | 2210                      |
| <b>Time (includes 0.1 hr admin time)</b> | 0.5                       |
| <b>Customer Concern Code</b>             | 9902                      |
| <b>Condition Code</b>                    | 3206                      |

## NOTE

You must provide the V.I.N. of the vehicle on which the affected P&A kit was installed on the claim form, one claim per affected kit replaced.

# CREDIT PROCEDURES

## 1. Vehicle Claims Only

Upon receipt of the properly completed claim form(s), you will receive a bar coded label(s) requiring you to return the affected handlebars removed from the vehicle(s). Return the tagged and labeled handlebars following normal warranty parts return procedures using the red, white and blue shipping label, Form 1248, by the date shown on the bar coded label. Once returned, you will receive appropriate credit for parts, labor and any postage costs incurred.

## 2. Parts in Dealer Stock Claims

Upon receipt of a properly completed claim form, you will receive a bar coded label(s) requiring you to return the affected kit(s). However, you are required to return all affected kits from stock directly to Buell Motorcycle Company at the address listed below.

Buell Motorcycle Company  
2815 Buell Drive  
East Troy, WI 53120  
Attn: Handlebar Kits

Please be sure the kits are properly tagged and that you note on the tag, "Kits From Stock." You will receive appropriate credit for your parts from stock and any postage incurred in this case as well.