

PRODUCT PROGRAM BP2 – TOURING HANDLEBAR REPLACEMENT 1996 BUELL S2-T MOTORCYCLES

GENERAL

In October 1995, Buell Distribution Corporation advised you of a voluntary recall involving certain 1996 Buell S2-T motorcycles equipped with tall touring handlebars. Also involved were tall touring handlebar kits, Part Number 55899-94Y shipped with a packaging date prior to 11/95. Rather than stop the shipment of S2-T motorcycles, they were shipped with short handlebars in place of the tall touring bars subject to the recall.

Buell Distribution Corporation is sending you the appropriate amount of recently produced tall touring handlebars which will allow you to replace the short bars on these particular vehicles. All handlebars will be shipped no charge, freight prepaid. Shipment will begin on or about January 30, 1996. Your packing list will contain the V.I.N. of the affected vehicles.

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 two 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). Tighten switch housing screws to 18-24 **in-lbs** (2.0-2.7 Nm).

WARNING

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.

ROUTING	SERVICE MANAGER	SALES MANAGER	PARTS MANAGER	LEAD TECHNICIAN	TECHNICIAN NO. 1	TECHNICIAN NO. 2	TECHNICIAN NO. 3	TECHNICIAN NO. 4	RETURN THIS TO:
INITIAL HERE									

6. Tighten handlebar clamp bolt to 12-15 ft-lbs (16-20 Nm). 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 1995/1996 BUELL S2 & S2-T SERVICE MANUAL (Part No. 99489-96Y).
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). 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). Tighten switch housing screws to 18-24 **in-lbs** (2.0-2.7 Nm).
7. Fasten wiring harness to outside of handlebar using a **new** cable strap.

WARNING

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 1995/1996 BUELL S2 & S2-T SERVICE MANUAL (Part No. 99489-96Y).

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 control

Left 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

Upon completion of the recommended service, send in a properly completed Buell Warranty Claim Form (Part No. 99520-95Y). Fill out the claim form as shown in Table 1.

Table 1. S2-T Handlebar Replacement

Claim Type	BP2
Quantity	0
Event 1, Problem Part No.	55899-94Y
Part Description	Touring Handlebar
Primary Labor Code	2210
Time (includes 0.1 hr admin time)	0.5
Customer Concern Code	6105
Condition Code	3102

DO NOT RETURN THE REPLACED (SHORT) HANDLEBARS. Send your Buell Warranty Claim Form to Buell Distribution Corporation. Upon receipt of the claim form you will be credited for labor as noted above. No credit will be issued for the parts as they were sent no charge, transportation paid.