

SERVICE BULLETIN

Buell
AMERICAN MOTORCYCLES

B-006

August 10, 1995

SAFETY RECALL 0803 – INSTRUMENT PANEL STABILIZER

GENERAL

The Buell Motorcycle Company has determined that there is a safety related defect in the front fairing mount of certain 1995 S2-Thunderbolts. Installation of a stabilizer bracket kit, Part No. 58892-95Y, corrects the problem.

Vehicles Involved

All vehicles previously delivered to your dealership, sold or unsold that do not have the stabilizer bracket installed, must be updated. All vehicles, sold or unsold, which were previously updated must be inspected for cracked fairing mounts.

IMPORTANT NOTE

Attached is a list of all sold/unsold vehicles delivered to your dealership. All vehicles are listed whether or not they have been serviced under Product Program BP1.

Only registered owners will receive notification from Buell Distribution Corporation. Please perform the update on all your dealer stock vehicles prior to delivery to the customer.

Dealer Action

Under Buell Product Program BP1 (Service Bulletin B-002, March 1995) a kit for each motorcycle previously delivered to your dealership was shipped to you, no charge, transportation paid, direct from Buell Motorcycle Company.

This safety recall requires all vehicles to be inspected for cracked front fairing mounts. Should a dealer find a cracked mount, order a **new** mount, Part No. 58234-94Y, and install it in conjunction with an instrument panel stabilizer.

The instrument panel stabilizer kit, Part No. 58892-95Y, contains all the necessary parts and hardware and an instruction sheet detailing the installation procedure. Should you require additional kits, please contact Sarah Ottallah, Buell Distribution Corporation Representative, at 1-414-935-4358.

NOTE

Please check your parts stock to be sure you have used all kits previously shipped to your dealership before ordering additional kits.

Stabilizer Kit Contents

QTY DESCRIPTION (Part Number)

- 1 Fairing link (L0910.8)
- 1 Mirror stabilizer bracket (L0911.8)
- 1 Bracket mounting hook, left (L0912.8)
- 1 Bracket mounting hook, right (L0913.8)
- 1 Bracket hook link tube (L0914.8)
- 6 Flat washer, .25" (B0613.1Z)
- 1 Socket head cap screw, .25" x .625" (AA0405.2CZ)
- 1 Socket head cap screw, .25" x .75" (AA0406.2CZ)
- 4 Locknut, .25" (DA0400.3CZ)
- 2 Tape strip, 2" x 1.25" (C0104.8)

INSTRUCTIONS

Fairing Mount Inspection

See Figure 1. Inspect the fairing mount forward of the pinch bolts. If the fairing mount is cracked, order a **new** mount through your Parts Account Representative and install it in conjunction with an INSTRUMENT PANEL STABILIZER KIT, Part No. 58892-95Y, if not previously installed. If the fairing mount is not damaged, install the stabilizer as described below.

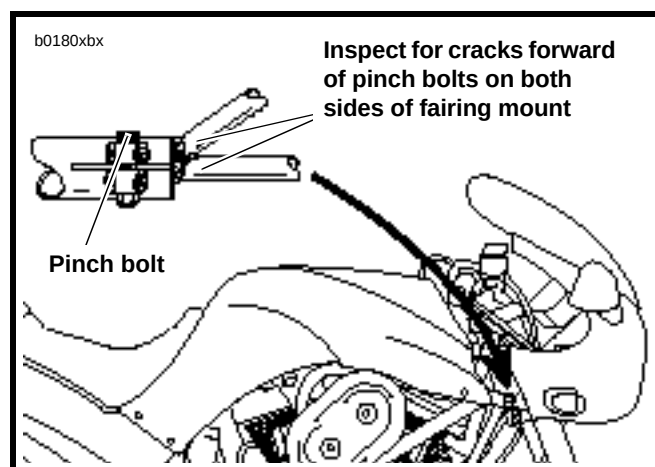


Figure 1. Inspection Area

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									

Stabilizer Bracket Kit Installation (Fairing Mount Not Damaged)

1. Remove seat and fuel tank cover.
2. Remove 3 Phillips screws and plastic washers securing dash panel to front fairing mount.

CAUTION

Speedometer cable assembly has limited range of movement when attached to speedometer. Use caution not to damage speedometer cable when moving dash panel.

3. Move dash panel forward and to the right to provide maximum working clearance.
4. See Figure 2. Remove any dirt or grease from front of steering stem and fairing mount. Install tape strips as shown.
5. See Figure 3. Place bracket hook link tube (2) on left bracket mounting hook (3). Slide link tube and left bracket mounting hook under motorcycle frame tubes as shown in Figure 2.
6. Install right bracket mounting hook (1) to complete assembly. Do not pinch fuel tank vent hose.
7. Place mirror stabilizer bracket (4) over right and left bracket mounting hooks (1, 3). Loosely install one flat washer (5) and locknut (6) on each side. Do not tighten at this time.
8. Loosely attach fairing link (7) to dash panel mounting post with screw (9), two flat washers (5) and locknut (6).

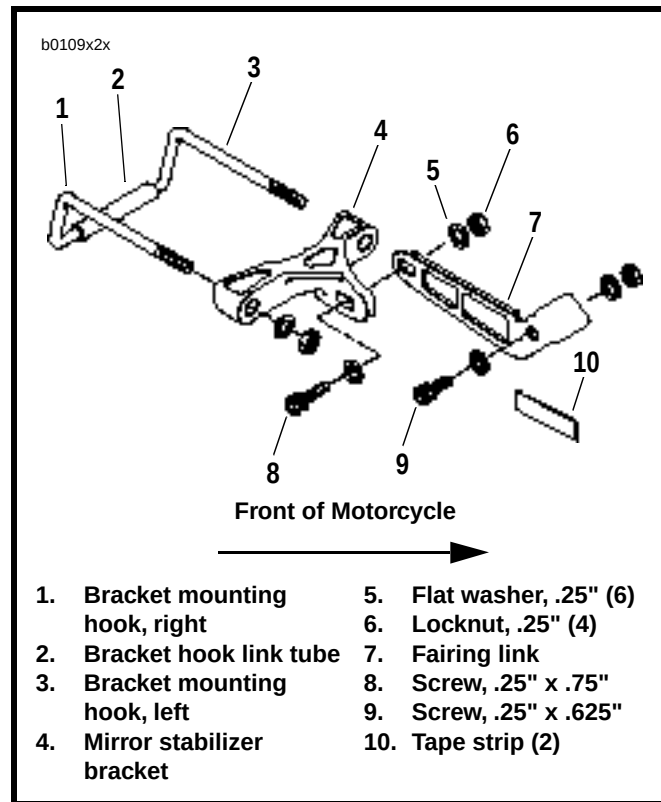


Figure 3. Kit Contents

9. Install screw (8), two flat washers (5) and locknut (6) to connect fairing link to mirror stabilizer bracket. Do not tighten at this time.

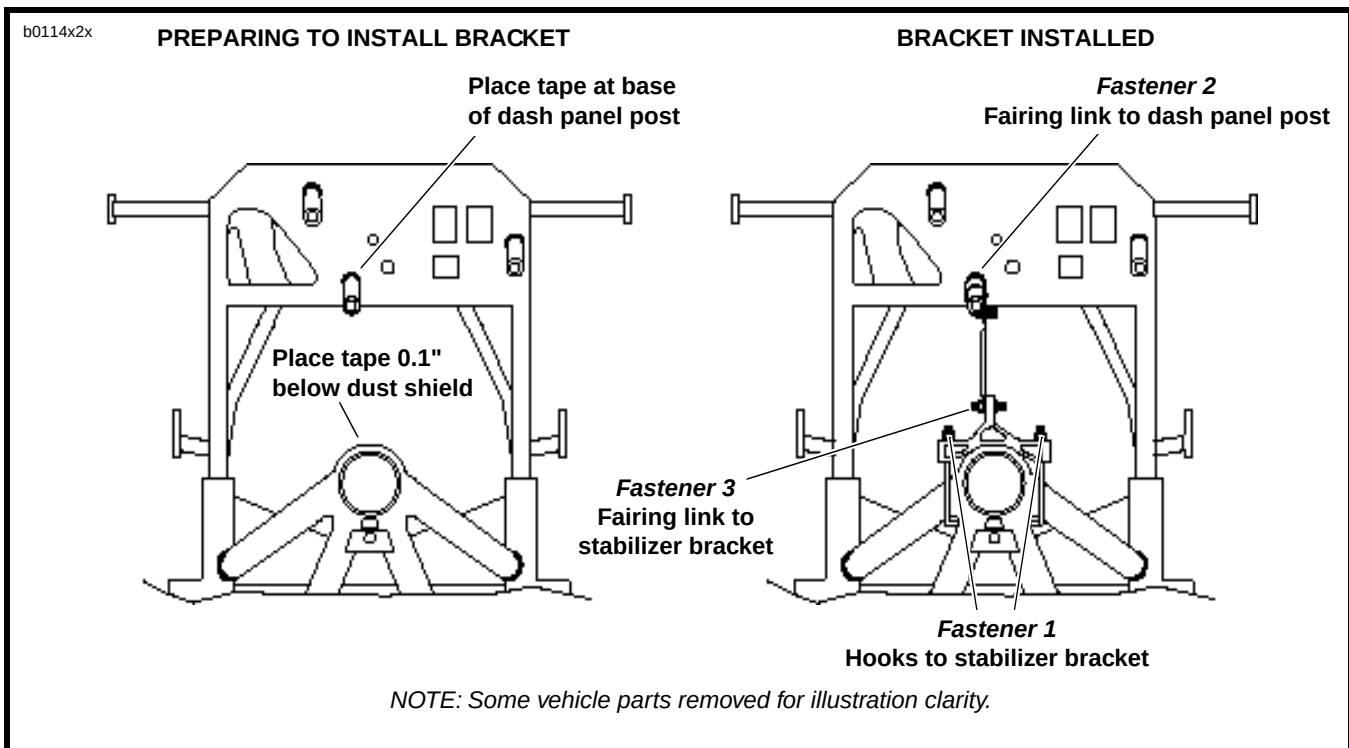


Figure 2. Mirror/Instrument Panel Stabilizer Installation

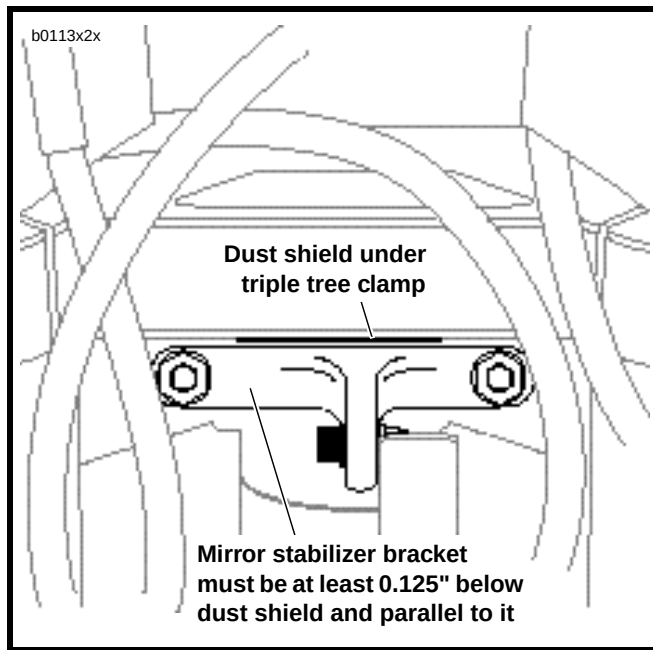


Figure 4. Checking Installation

⚠ CAUTION

Fastener tightness may vary according to individual motorcycle. Do not overtighten fasteners. Overtightening fasteners may bend mounting hooks.

10. Fastener tightness depends upon the Vehicle Identification Number (V.I.N.) found on motorcycle frame. Torque fasteners according to Table 1 specifications. Tighten in order shown in Figure 2.
11. See Figure 4. Check distance between top of mirror stabilizer bracket and dust shield below upper triple tree clamp. Bracket and dust shield must be parallel and have a gap of at least 0.125".
12. Place dash panel on fairing mount. Secure dash panel to fairing mount with 3 Phillips screws and plastic washers.

⚠ 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 during vehicle operation and startle the rider, causing loss of control and personal injury.

13. Install seat and fuel tank cover.

Installation of Replacement Fairing Mount and Stabilizer Bracket Kit

FAIRING MOUNT REMOVAL

1. Remove left and right mirrors.
2. Cut cable straps securing turn signal wires to fairing mount. Disconnect bullet connectors.
3. Remove left and right turn signals.
4. Slide front fairing from front fairing mount.
5. Remove dash panel Phillips screws and plastic washers. Detach speedometer cable from speedometer. Move dash panel off to the side.
6. Detach turn signal and headlamp ground wires from fairing mount.
7. Disconnect headlamp and fairing mount connectors.
8. Remove headlamp.
9. Remove horn.
10. If previously installed, remove any remaining mirror stabilizer hardware.
11. Detach front fairing mount from frame by loosening pinch bolts and sliding fairing mount forward. If necessary, use a rubber mallet to remove mount from frame.
12. Remove well nuts from front fairing mount. The 3 dash panel well nuts and the 4 headlamp well nuts are interchangeable. Save for reinstallation.

FAIRING MOUNT AND STABILIZER BRACKET INSTALLATION

1. Apply LOCTITE ANTISEIZE LUBRICANT to plug ends of **new** fairing mount. Install mount on frame and tighten pinch bolts.
2. See Figure 2. Remove any dirt or grease from front of steering stem and fairing mount. Install tape strips as shown.
3. See Figure 3. Place bracket hook link tube (2) on left bracket mounting hook (3). Slide link tube and left bracket mounting hook under motorcycle frame tubes as shown in Figure 2.
4. Install right bracket mounting hook (1) to complete assembly. Do not pinch fuel tank vent hose.

Table 1. Fastener Tightness By Vehicle Identification Number

V.I.N. Number	Fastener Location as Shown in Figure 2		
	Fastener 1 Hooks to Stabilizer Bracket	Fastener 2 Fairing Link to Dash Panel Post	Fastener 3 Fairing Link to Stabilizer Bracket
4MZRT11H1S3133064 and below	Tighten snug and then turn an additional 1 1/2 – 2 turns	4-6 ft-lbs (5.4-8.1 Nm) torque	4-6 ft-lbs (5.4-8.1 Nm) torque
4MZRT11H1S3133065 and above	Tighten until hook threads are flush with nut or slightly protruding	4-6 ft-lbs (5.4-8.1 Nm) torque	4-6 ft-lbs (5.4-8.1 Nm) torque

5. Place mirror stabilizer bracket (4) over right and left bracket mounting hooks (1, 3). Loosely install one flat washer (5) and locknut (6) on each side. Do not tighten at this time.
6. Loosely attach fairing link (7) to dash panel mounting post with screw (9), two flat washers (5) and locknut (6).
7. Install screw (8), two flat washers (5) and locknut (6) to connect fairing link to mirror stabilizer bracket. Do not tighten at this time.
8. Reinstall headlamp and dash panel well nuts into **new** fairing mount.
9. Plug connectors into fairing mount. Attach turn signal and headlamp ground wires.
10. Install headlamp.
11. Install horn.

CAUTION

Fastener tightness may vary according to individual motorcycle. Do not overtighten fasteners. Overtightening fasteners may bend mounting hooks.

12. Stabilizer fastener tightness depends upon the Vehicle Identification Number (V.I.N.) found on motorcycle frame. Torque fasteners according to Table 1 specifications. Tighten in order shown in Figure 2.
13. See Figure 4. Check distance between top of mirror stabilizer bracket and dust shield below upper triple tree clamp. Bracket and dust shield must be parallel and have a gap of at least 0.125".
14. Attach speedometer cable to speedometer. Place dash panel on fairing mount. Secure dash panel to fairing mount with 3 Phillips screws and plastic washers.
15. Install **new** cable straps for turn signal wires.
16. Place mirror mounting pads on front fairing mirror posts. Slide front fairing over front fairing mount.
17. Apply LOCTITE THREADLOCKER 242 (blue) to turn signal threads.
18. Loosely install left and right mirrors.
19. Loosely install left and right turn signals. Connect bullet connectors on turn signal wires.
20. Tighten mirrors and turn signals to secure fairing to fairing mount. Tighten mirror hardware to 15 **in-lbs** (1.7 Nm); torque turn signal nuts to 40 **in-lbs** (4.5 Nm).

WARNING

Check all electrical equipment and switches including headlamp, turn signals and horn for proper operation. Failure to check operation may lead to component failure and personal injury.

CREDIT PROCEDURE

NOTE

If the instrument panel stabilizer has already been installed and the fairing mount is not cracked, please fill out a Buell Distribution Corporation Warranty claim form, Part No. 99520-95Y, indicating "Repaired under BP1" in the "Description of Repair" section of the claim form. This will enable us to accurately track all previously serviced vehicles and credit the dealership for its prior unrecorded repair work.

After servicing each vehicle, complete a Buell Distribution Corporation Warranty claim form Part No. 99520-95Y, referencing Safety Recall 0803 in the "Description of Repair" section. Depending upon the service required, fill in the remainder of the claim form as follows:

Installation of Stabilizer Kit Only

Claim Type	BRC
Event 1 Problem P/N	58892-95Y
Quantity (QTY.)	0
Part Description	Instrument Panel Stabilizer
Primary Labor Code	6514
Time	0.5
Customer Concern Code	9902
Condition Code	9110

Upon receipt of the claim you will be credited for labor code 6514 for 0.5 hrs. which includes 0.1 hr. administrative time.

Installation of New Fairing Mount and Stabilizer Kit

Claim Type	BRC
Event 1 Problem P/N	58892-95Y
Quantity (QTY.)	0
Part Description	Instrument Panel Stabilizer
Additional Parts (QTY.)	1
Part Description	Front Fairing Mount
Primary Labor Code	6512
Time	0.8
Customer Concern Code	9902
Condition Code	9110

Upon receipt of the claim you will be credited for Part No. 58234-94Y and labor code 6512 for 0.8 hrs. which includes 0.1 hr. administrative time.

Installation of New Fairing Mount (Stabilizer Kit Previously Installed)

Claim Type	BMC
Event 1 Problem P/N	58234-94Y
Quantity (QTY.)	1
Part Description	Front Fairing Mount (stabilizer kit previously installed)
Primary Labor Code	6265
Time	0.7
Customer Concern Code	6300
Condition Code	2205

Upon receipt of the claim you will be credited for Part No. 58234-94Y and labor code 6265 for 0.7 hrs.