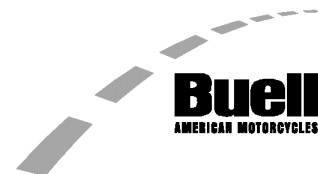


SERVICE BULLETIN



B-001

Date Dec., 1994

SAFETY RECALL CODE 0800 - FRONT BRAKE LINE

General

Routine testing has revealed the possibility of a crack developing in the front brake line. This could result in fluid leakage and subsequent loss of braking ability.

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 front brake line on all potentially affected vehicles.

We have attached a list of registered owners of vehicles and unregistered vehicles delivered to your dealership which are involved in this recall. 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 **Buell Distribution Corporation** at **1-414-935-8400** for a computer check of recall records.

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 VINS 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.

Shipment of your brake line kits, P/N 93748Y, will begin on or before December 12, 1994. The kit will contain:

Qty.	Description	P/N
1	Brake line	45142-94YA
2	Master Cyl. gaskets	41733-88
2	Caliper gaskets	41731-88A

All kits will be shipped no charge, transportation paid.

NOTE

New brake line can be identified by a blue stripe at the end of the caliper fitting.

Brake Line Replacement Procedure

WARNING

D.O.T. 5 brake fluid can cause eye irritation. In case of contact with eyes, flush with plenty of water and get medical attention. KEEP BRAKE FLUID OUT OF THE REACH OF CHILDREN!

CAUTION

Whenever a hydraulic brake line assembly or fitting is opened the fitting should be flushed with brake fluid and the brake system must be bled. Do this to eliminate any air or contaminants from the brake system. Air in the fluid will cause the brake pedal to have a spongy feel. If a contaminant becomes lodged in the seat of a fitting, leakage of fluid could occur, and/or air could be drawn into the system.

1. Open bleeder nipple cap on front brake caliper. Install end of a length of plastic tubing over caliper bleeder valve, while placing free end in a suitable container. Open bleeder valve about 1/2-turn. Pump brake hand lever to drain brake fluid.
2. See Figure 1. Remove screw (4) to detach brake line clamp (5) from front fork lower bracket (right side).
3. See Figure 2. Remove front fender attachment screws (7) metric and plastic washers (6). Remove front fender attachment screws (3), spacers (4) and locknuts (5).
4. Raise fender to remove screw (6), clamp (7), plastic flat washer (8), and nut (9) to detach brake line from fender.
5. Remove banjo bolt (1) and master cylinder gaskets (2) to detach brake line from master cylinder body. Discard gaskets.
6. Remove banjo bolt (11) and caliper gaskets (10) to detach brake line from front brake caliper. Discard gaskets.
7. Position **new** master cylinder gaskets (2) on each side of the banjo fitting. Insert banjo bolt (1) through gaskets and banjo fitting. Loosely install bolt into master cylinder.
8. From the master cylinder, the brake line runs downward in front of the right handlebar, where it turns inboard at the front fork upper bracket. Loosely install clamp (5), and screw (4) to attach front brake line to right side of front fork lower bracket.

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									

1994 Buell Distribution Corporation

9. Orient clamp. Tighten nut (9), plastic flat washer (8), clamp (7) and screw (6) to attach brake line to fender.
10. Secure front fender using screws, washers and locknuts removed in step 3. Tighten all hardware to 8-13 ft-lbs (12-18 Nm) torque.
11. Position **new** gaskets (10) on each side of banjo fitting at free end of brake line. Insert banjo bolt (11) through gaskets and banjo fitting. Loosely install bolt into caliper.
12. Tighten clamp screw (4) at bottom of front fork lower bracket to 30 **in-lbs** (3.4 Nm) torque.
13. Tighten banjo bolt (1) into master cylinder to 17-22 ft-lbs (23-30 Nm) torque.
14. Tighten banjo bolt (11) into brake caliper to 17-22 ft-lbs (23-30 Nm) torque.
15. Install bleeder valve if removed. Refill master cylinder and bleed brakes. See BLEEDING HYDRAULIC SYSTEM Page 2-30, 1995 Thunderbolt Service Manual P/N 99489-95Y.
16. Pump the brake several times and check carefully for leaks.
17. Test ride motorcycle to ensure proper operation of front brake.

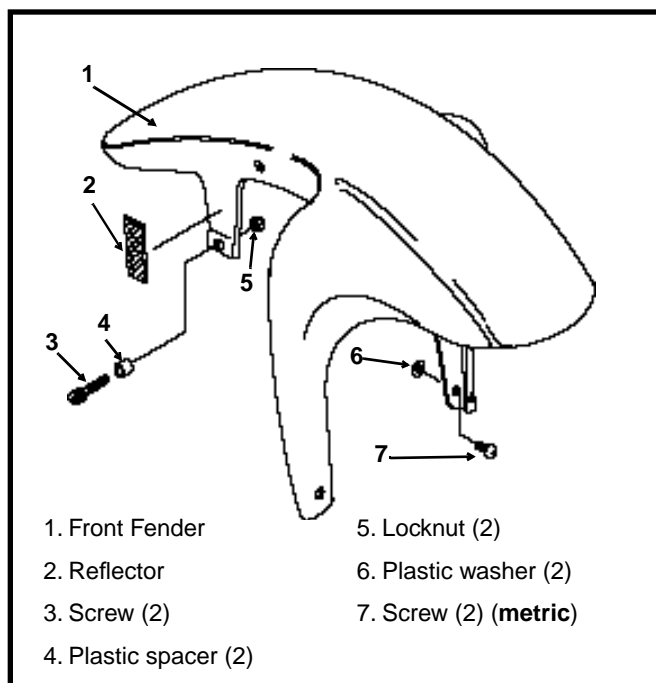


Figure 2. Front Fender

Credit Procedure

After servicing each vehicle complete a Buell Distribution Corporation Warranty claim form P/N 99520-95Y, referencing Safety Recall 0800 in the "Description of Repair" section. Fill in the rest of the claim form as follows.

Claim Type	BRC
Qty.	0
Event 1, Problem Part	93748Y
Part Description	Front Brake Line
Primary Labor Code	2407
Time	0.8
Customer Concern Code	0800
Condition Code	0800

Return the replaced brake line with your claim form to Buell Distribution Corporation. Upon receipt of the claim you will be credited for labor code 2407 for 0.8 hrs. which includes 0.1 hr. administrative time, 0.1 to compensate for brake fluid, and return postage. No credit will be issued for the kits as they were sent no charge transportation paid.

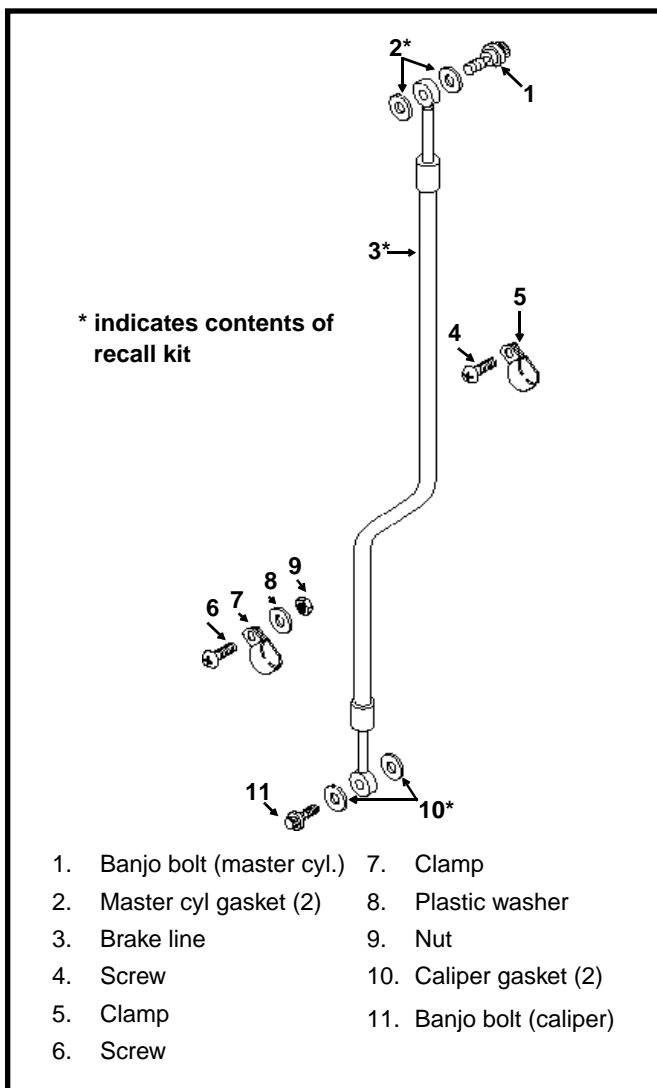


Figure 1. Front Brake Line