

SERVICE BULLETIN



B-097

September 21, 2009

BUELL 2009 XB12Ss SAFETY RECALL 0839

Purpose

Buell Distribution Company, LLC has decided that a defect which relates to motor vehicle safety exists on certain 2009 model year XB12Ss model motorcycles. The front brake line on the subject motorcycles may contact the front tire. This contact could cause a hole to develop in the front brake line, allowing brake fluid to leak. This condition might cause an ineffective front brake and lead to a crash, which could result in injury or death to the rider.

In the interest of motor vehicle safety and customer satisfaction, Buell Motorcycle Company has elected to initiate a voluntary recall (Campaign 0839) to remedy this defect. As required by law, you may sell but **NOT DELIVER** any affected motorcycles to your customers until the remedy is completed.

See Required Dealer Action to perform the recall service.

Motorcycles Affected

This recall applies to certain 2009 Buell XB12Ss motorcycles manufactured between June 30, 2008 and June 4, 2009.

A VIN list specific to vehicles shipped to your dealership is available via h-dnet.com. This list may be found by following this path:

h-dnet.com/ServiceToolbox/Safety Campaign and Open VIN lists. Select 0839 campaign to view VIN list.

NOTE

If the vehicle does not appear on your dealer VIN list, refer to Safety and Product Campaign History by VIN link to verify if vehicle is affected.

Customer Notification

In accordance with Federal regulations administrated by NHTSA, Buell Motorcycle Company will send a letter to registered owners of affected products in the United States notifying them of this safety-related condition and instructing them to contact their dealer for the replacement service. A sample of the customer letter is attached. Customers outside the United States market may not receive this notification.

To protect the safety of our riders, it is our mutual responsibility to ensure the recall service is performed on all affected motorcycles. Therefore, we strongly urge you to perform the recall service even if the motorcycle was not purchased from your dealership.

You are also required to perform the recall service on all affected vehicles in your dealership inventory prior to delivering, renting or leasing those vehicles.

If you are not sure that a safety recall has been completed on a particular motorcycle, check the recall records available on TALON and h-dnet.com.

IMPORTANT NOTE

Because only registered owners in the United States will receive notification from us, we request that you contact any owners of vehicles that your records show 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 to enable us to mail them an owner's letter, as required by the National Traffic and Motor Vehicle Safety Act (as amended).

Kit Ordering Information

There will be no wave shipments performed. Orders will be accepted and processed beginning the week of September 21, 2009. All kits will be shipped no charge, transportation paid via UPS1.

If additional kits are needed, fill in the attached order form and fax it to the Warranty department at 414-343-8346. You must include your dealer number.

Upon completion of the recall on any vehicle, please be certain to follow the instructions listed under Credit Procedure and submit your recall claims promptly.

Table 1. Safety Recall Code 0839 Brake Line Guide Kit XB12Ss (Part No. 94750Y)

QUANTITY	PART NO.	DESCRIPTION
1	Y0301.CB	Wire tie black
1	H0418.4AN	Guide, front brake line

Table 2. Safety Recall Code 0839 Brake Line Kit XB12Ss (Part No. 94751Y)

QUANTITY	PART NO.	DESCRIPTION
1	C0440.7AA	Rhino tape
1	H1531.5AN	Front brake line assembly
2	M0106.02A8A	Reflectors

IMPORTANT NOTE

In the interest of preserving customer safety and satisfaction, always check for outstanding recalls whenever any motorcycle is brought into your dealership for either maintenance or service.

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

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Required Dealer Action

Inspect the Front Brake Line

Inspect the front brake line for tire contact damage.

- If the damage does not penetrate to the steel braided layer, re-route the front brake line using:
Brake Line Guide Kit XB12Ss (Part No. 94750Y)
- If there is damage to the steel braided layer of the brake line, replace the front brake line using:
Brake Line Kit XB12Ss (Part No. 94751Y)

Re-route the Front Brake Line: Brake Line Guide Kit XB12Ss (Part No. 94750Y)

1. Remove the brake line P-clamp fastener on the lower fork clamp.
2. Remove the P-clamp from the brake line grommet.
3. See Figure 1. Turn the P-clamp around and install over the grommet at 180 degrees from its original position.

NOTE

The tab on the brake line guide limits guide rotation. Index the tab on the lower surface of the lower triple-clamp.

4. See Figure 2. Install the front brake line guide over the top of the P-clamp and install onto the lower fork clamp with the fastener.
5. Tighten the fastener to 36-60 **in-lbs** (4-7 Nm).
6. See Figure 3. Install the cable strap around the fork tube and brake line between the upper and lower fork clamps just below the turn signal.
7. Cut the excess cable strap and rotate the end to a point behind the headlamp module.

WARNING

Be sure that all lights and switches operate properly before operating motorcycle. Low visibility of rider can result in death or serious injury. (00316a)

8. Test ride the motorcycle and test the brake lights.

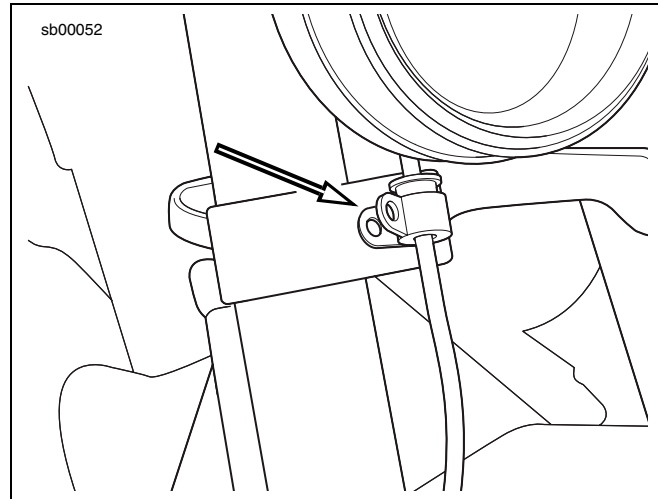


Figure 1. P-clamp Installed at 180 Degrees

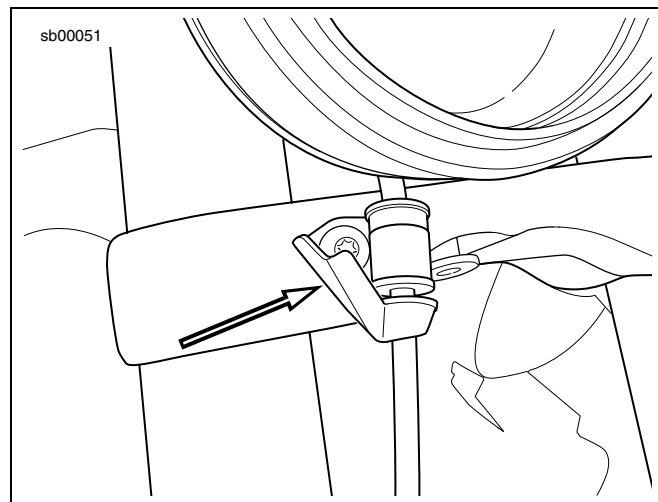


Figure 2. Front Brake Line Guide over P-clamp

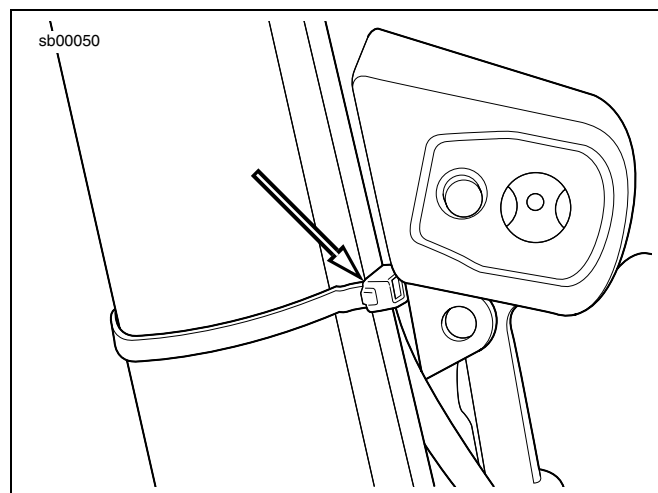


Figure 3. Cable Strap Location (turn signal removed)

Replace the Front Brake Line: Brake Line Kit XB12Ss (Part No. 94751Y)

1. Remove and discard the reflectors on the outer fork tubes.
2. See Figure 4. Install the **new** reflectors (1) pressed up against the lower triple clamp.

NOTE

Discard used fluid according to local laws.

3. Drain the brake fluid. See the service manual.

NOTE

The XB12Ss requires partial disassembly of the front lighting module. See the service manual.

4. Remove the banjo bolt at the master cylinder/reservoir. Discard the copper washers.
5. Remove the banjo bolt at the front brake caliper. Discard the copper crush washers.
6. Remove the upper P-clamp from the headlamp module and the lower P-clamp from the fork clamp. Discard the brake line.
7. Fit the rhino tape (2) against the lower edge of the outer fork tube and press into place.
8. Route the **new** brake line (3) behind the headlamp module and around the outside of the front fork along side the rhino tape.
9. Install both banjo bolts with **new** copper crush washers. Tighten to 16-20 ft-lbs (22-27 Nm).
10. Install the upper P-clamp to the headlamp module and tighten to 36-60 in-lbs (4-7 Nm).
11. See Figure 5. Install the front brake line guide and tighten to 36-60 in-lbs (4-7 Nm). Fill and bleed the front brake. See the service manual.

⚠ WARNING

After repairing the brake system, test brakes at low speed. If brakes are not operating properly, testing at high speeds can cause loss of control, which could result in death or serious injury. (00289a)

⚠ WARNING

Be sure that all lights and switches operate properly before operating motorcycle. Low visibility of rider can result in death or serious injury. (00316a)

12. Test ride the motorcycle and test the brake lights.

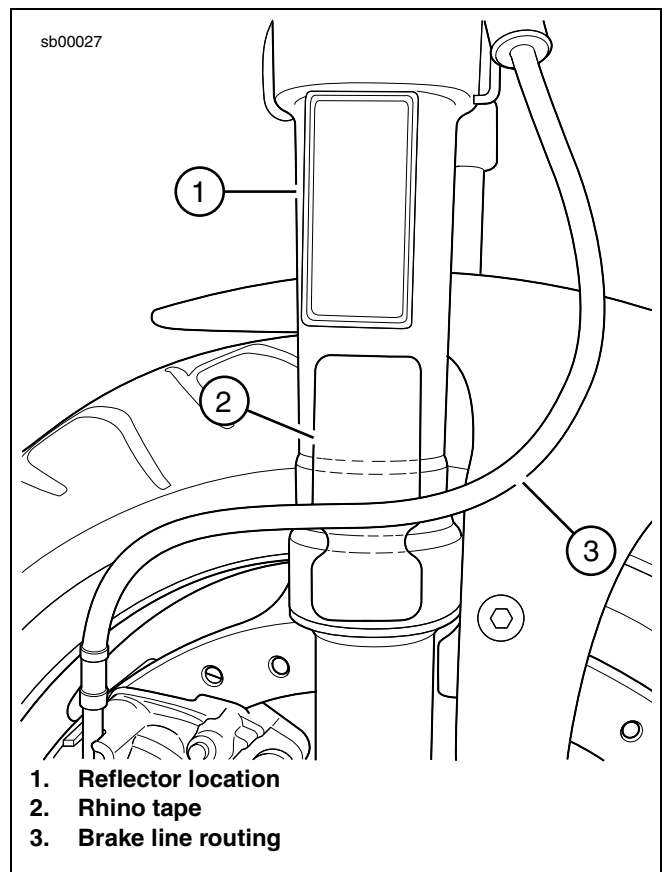


Figure 4. Reflector/Rhino Tape Locations

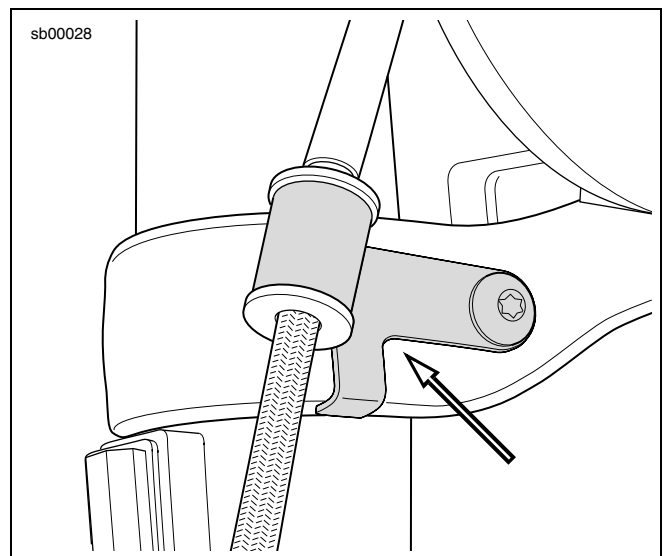


Figure 5. Front Brake Line Guide

Credit Procedures for Talon/ h-dnet.com/Lightspeed Users:

Table 3. Inspect and Re-route

ENTRY FIELD	ENTER
Claim Type	SRC
Problem Part	H1531.4AN
Quantity	Leave Blank
* Primary Labor Code	2750
Time	0.2
* Customer Concern Code	0839
Condition Code	9981
Replacement Kit Part No.	94750Y
Quantity	1
*These new codes may need to be downloaded into your system.	

Table 4. Inspect and Replace

ENTRY FIELD	ENTER
Claim Type	SRC
Problem Part	H1531.4AN
Quantity	Leave Blank
* Primary Labor Code	2755
Time**	1.0
* Customer Concern Code	0839
Condition Code	9982
Replacement Kit Part No.	94751Y
Quantity	1
*These new codes may need to be downloaded into your system. **Includes coverage for brake fluid.	

Credit Procedures for all other Warranty Claim System Users

For each vehicle serviced, file a claim supplying all necessary information as follows:

Dealer Number

Repair Order Number

Claim Date

Campaign Number (0839)

Fix I.D. (F) Inspect/Install Guide Kit

Fix I.D. (C) Inspect/Install Brake Line Kit

Full seventeen-character VIN

Upon receipt of the properly completed recall claim, you will be credited for labor time for performing the recall procedure plus appropriate market administrative time. The recall record will be updated. Each vehicle recall completion must be filed on an individual claim. Please do not submit additional warranty events on these claims.

HARLEY-DAVIDSON MOTOR COMPANY
P.O. BOX 594, MILWAUKEE, WI U.S.A 53201
RECALL AND PRODUCT CAMPAIGN ORDER FORM

B-097 SAFETY RECALL CODE 0839

TYPE CODE	ORDER TYPE	VEHICLE IDENTIFICATION NUMBER(S)
RC	RECALL	
PC	PRODUCT CAMPAIGN	

ORDER DATE
DEALER NUMBER

QUANTITY	PART NUMBER	ITEM
	94750Y	Code 0839 Brake Line Guide Kit XB12Ss
	94751Y	Code 0839 Brake Line Kit XB12Ss
		NOTE: All orders are subject to approval. You may not receive the total quantity of kits ordered due to parts availability. If this happens, please submit another order for the balance, following all order procedures indicated in the Service Bulletin. Fax orders to the warranty department: 414-343-8346. You must include VIN number (required) and your dealer number.

ALL ORDERS SUBJECT TO ACCEPTANCE AT MILWAUKEE, WI USA 53201

NOTE: An order acknowledgement is automatically generated and faxed to your dealership's fax number as listed in GDIS the same day as your order is entered at HDMC. This acknowledgement will provide you with the order status and order number. To retrieve order information based on the Harley-Davidson order number, go to P&A Order Inquiry on h-dnet.com under the Parts and Accessories link, select H-D Order Number, enter the order number and click "Submit". At the bottom of the page, click on "Track Part" to view tracking information for the order.