

SERVICE BULLETIN



B-091

Safety Recall Code 0838

April 17, 2009

1125R, XB12R AND XB12Scg BRAKE LINE RECALL

Purpose

Buell Distribution Company, LLC. has determined that a defect relating to motor vehicle safety exists on certain XB12R, 1125R and XB12Scg model motorcycles.

These motorcycles have a front brake line which may contact the front tire. The condition could cause a hole to develop in the front brake line, allowing brake fluid to leak.

In the interest of motor vehicle safety and customer satisfaction, Buell Motorcycle Company has elected to initiate a voluntary recall (Campaign 0838) 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

Model year 2008 1125R motorcycles built October 30, 2007 through July 17, 2008; 2009 model year XB12R motorcycles built July 2, 2008 through February 12, 2009; and 2009 model year XB12Scg motorcycles built July 1, 2008 through February 10, 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](http://h-dnet.com/ServiceToolbox/Safety%20Campaign%20and%20Open%20VIN%20lists). Select 0838 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 administered 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 VINs 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 April 20, 2009. All kits will be shipped no charge, transportation paid via UPS1.

If 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 and the VIN of the motorcycle involved. A small number of motorcycles are expected to require a line replacement. Please order replacement kits only as needed.

NOTE

No kit orders will be accepted prior to April 20, 2009. Orders received prior to April 20, 2009 will be discarded.

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 0838 Kits

| PART NO. | FITMENT | ROUTE | REPLACE |
|----------|------------------|-------|---------|
| 94741Y | 1125R | X | - |
| 94742Y | XB12R XB12Scg | X | - |
| 94743Y | 1125R, XB12R | X | X |
| 94744Y | XB12Scg | X | X |

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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**Table 2. Safety Recall Code 0838
Kit 94741Y Contents**

| QUANTITY | PART NO. | DESCRIPTION |
|----------|-----------|-------------------------|
| 1 | H0418.5AN | Guide, front brake line |
| 1 | C0440.7AA | Rhino tape |

**Table 3. Safety Recall Code 0838
Kit 94742Y Contents**

| QUANTITY | PART NO. | DESCRIPTION |
|----------|-------------|-------------------------|
| 1 | H0418.5AN | Guide, front brake line |
| 1 | C0440.7AA | Rhino tape |
| 2 | M0106.02A8A | Reflectors |
| 2 | H0412.01A0 | Crush washers |

**Table 4. Safety Recall Code 0838
Kit 94743Y Contents**

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

**Table 5. Safety Recall Code 0838
Kit 94744Y Contents**

| QUANTITY | PART NO. | DESCRIPTION |
|----------|-------------|---------------------------|
| 1 | H1531.8AE | Front brake line assembly |
| 1 | C0440.7AA | Rhino tape |
| 2 | M0106.02A8A | Reflectors |

Required Dealer Action

Inspect the Front Brake Line

All Models: Inspect the front brake line for tire contact damage. If the contact damage does not penetrate to the steel braided layer, the front brake line can be re-routed and continue to be used. Damage to the steel braided layer requires replacement using the appropriate recall kit. Re-route the front brake lines on all affected motorcycles and replace the front brake lines that are damaged. Select the corresponding safety recall kit for service.

Re-Route the Front Brake Line

1125R: Kit No. 94741Y

XB12R: Kit No. 94742Y

- XB12R:** Remove the reflectors on the outer fork tubes and install **new** reflectors provided in the kit pressed up against the lower triple clamp.

- XB12R/1125R:** Fit the rhino tape against the lower edge of the outer fork tube and press into place.
- Remove the P-clamp from the lower triple clamp.
- Disconnect the front brake switch connector [121].
- Remove the master cylinder/reservoir clamp.
- Route the reservoir through the fork tubes and back around to the outside of the front fork.
- Position the master cylinder/reservoir for rider posture and tighten the fasteners to 80-90 **in-lbs** (9-10 Nm).
- Join the brake switch connector housing [121] to the brake switch.
- Remove the P-clamp from the brake line and press the rubber grommet around the front brake line into the front brake line guide.
- Install the guide and tighten to 36-60 **in-lbs** (4-7 Nm).
- Discard the crush washers provided in the kit and discard the reflectors if servicing an 1125R.

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)

- Test ride motorcycle and test brake lights.

XB12Scg: Kit No. 94742Y

- Remove the reflectors on the outer fork tubes and install **new** reflectors pressed up against the lower triple clamp.
- Fit the rhino tape against the lower edge of the outer fork tube and press into place.

NOTE

Discard used fluid according to local laws.

- Drain the brake fluid. See the service manual.
- Remove the banjo bolt at the front brake caliper.
- Remove the P-clamp from the lower triple clamp and the line.
- Re-route the brake line outside of the front fork.
- Install the banjo bolt with **new** crush washers. Tighten to 16-20 ft-lbs (22-27 Nm).
- Press the rubber grommet around the front brake line into the front brake line guide.
- Install the guide and tighten to 36-60 **in-lbs** (4-7 Nm).

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)

- Fill and bleed the front brake. See the service manual.
- Test ride motorcycle and test brake lights.

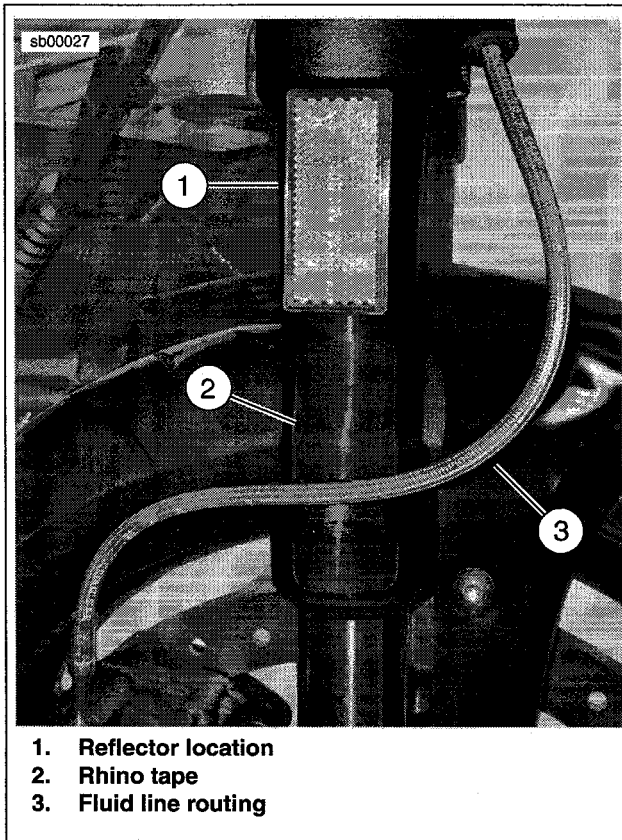


Figure 1. Reflector/Rhino Tape Location (XB12Scg)

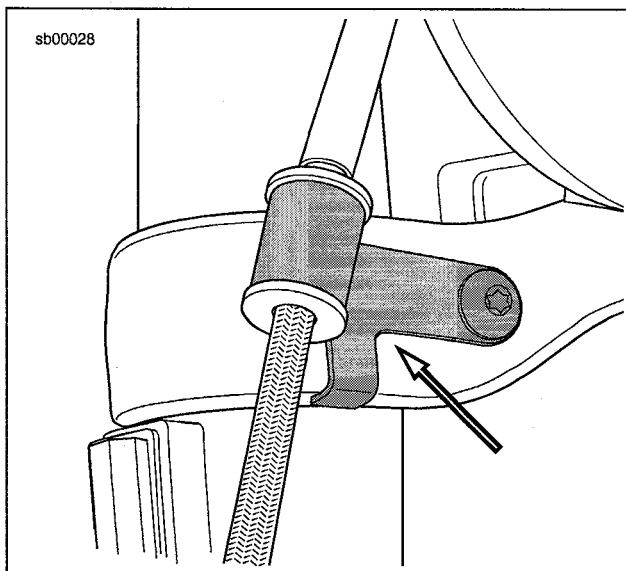


Figure 2. Front Brake Line Guide

Replace the Front Brake Line

1125R/XB12R: Kit No. 94743Y

XB12Scg: Kit No. 94744Y

1. **XB12R/XB12Scg:** See Figure 1. Remove the reflectors on the outer fork tubes and install **new** reflectors pressed up against the lower triple clamp.

NOTE

Discard used fluid according to local laws.

2. **1125R/XB12R/XB12Scg:** Drain the brake fluid. See the service manual.

NOTE

XB12Scg: Refer to the service manual for replacement of the front brake line.

3. Remove the banjo bolt at the master cylinder/reservoir.
4. Remove the banjo bolt at the front brake caliper. Discard the crush washers.
5. Remove the P-clamp and the front brake line. Discard the P-clamp.
6. Fit the rhino tape (2) against the lower edge of the outer fork tube and press into place.
7. Route the **new** brake line (3) around the outside of the front fork along side the rhino tape.
8. Install both banjo bolts with **new** crush washers. Tighten to 16-20 ft-lbs (22-27 Nm).
9. **XB12R/1125R:** Install the P-clamp. Tighten to 36-60 in-lbs (4-7 Nm).
10. **XBScg:** See Figure 2. Install the front brake line guide. Tighten to 36-60 in-lbs (4-7 Nm).
11. Discard the reflectors provided in the kit if servicing an 1125R.

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)

12. Fill and bleed the front brake. See the service manual.
13. Test ride motorcycle and test brake lights.

**Credit Procedures for Talon/
h-dnet.com/Lightspeed Users: See
Tables 6-11 on next page.**

Table 6. Inspect and Re-route: 1125R

| ENTRY FIELD | ENTER |
|--|-------------|
| Claim Type | SRC |
| Problem Part | H1531.1AM |
| Quantity | Leave Blank |
| * Primary Labor Code | 2705 |
| Time | 0.2 |
| * Customer Concern Code | 0838 |
| Condition Code | 9981 |
| Replacement Kit Part No. | 94741Y |
| Quantity | 1 |
| *These new codes may need to be downloaded into your system. | |

Table 7. Inspect and Re-route: XB12R

| ENTRY FIELD | ENTER |
|--|-------------|
| Claim Type | SRC |
| Problem Part | H1531.6AA |
| Quantity | Leave Blank |
| * Primary Labor Code | 2725 |
| Time | 0.3 |
| * Customer Concern Code | 0838 |
| Condition Code | 9983 |
| Replacement Kit Part No. | 94742Y |
| Quantity | 1 |
| *These new codes may need to be downloaded into your system. | |

Table 8. Inspect and Re-route: XB12Scg

| ENTRY FIELD | ENTER |
|--|-------------|
| Claim Type | SRC |
| Problem Part | H1531.4AN |
| Quantity | Leave Blank |
| * Primary Labor Code | 2735 |
| Time | 0.6 |
| * Customer Concern Code | 0838 |
| * Condition Code | 9985 |
| Replacement Kit Part No. | 94742Y |
| Quantity | 1 |
| *These new codes may need to be downloaded into your system. | |

Table 9. Inspect, Replace and Re-route: 1125R

| ENTRY FIELD | ENTER |
|--|-------------|
| Claim Type | SRC |
| Problem Part | H1531.1AM |
| Quantity | Leave Blank |
| * Primary Labor Code | 2715 |
| Time | 0.9 |
| * Customer Concern Code | 0838 |
| Condition Code | 9982 |
| Replacement Kit Part No. | 94743Y |
| Quantity | 1 |
| *These new codes may need to be downloaded into your system. | |

Table 10. Inspect, Replace and Re-route: XB12R

| ENTRY FIELD | ENTER |
|--|-------------|
| Claim Type | SRC |
| Problem Part | H1531.6AA |
| Quantity | Leave Blank |
| * Primary Labor Code | 2730 |
| Time | 0.9 |
| * Customer Concern Code | 0838 |
| Condition Code | 9984 |
| Replacement Kit Part No. | 94743Y |
| Quantity | 1 |
| *These new codes may need to be downloaded into your system. | |

Table 11. Inspect, Replace and Re-route: XB12Scg

| ENTRY FIELD | ENTER |
|--|-------------|
| Claim Type | SRC |
| Problem Part | H1531.4AN |
| Quantity | Leave Blank |
| * Primary Labor Code | 2740 |
| Time | 0.9 |
| * Customer Concern Code | 0838 |
| * Condition Code | 9986 |
| Replacement Kit Part No. | 94744Y |
| Quantity | 1 |
| *These new codes may need to be downloaded into your system. | |

Credit Procedures for all other Warranty Claim System Users - 2008 1125R

For each 2008 1125R serviced, file a claim supplying all necessary information as follows:

Dealer Number

Repair Order Number

Claim Date

Product Campaign (0838)

Fix I.D. (C) Inspect and re-route

Fix I.D. (R) Inspect, replace and re-route

Full seventeen-character VIN.

Credit Procedures for all other Warranty Claim System Users - 2009 XB12R

For each 2009 XB12R serviced, file a claim supplying all necessary information as follows:

Dealer Number

Repair Order Number

Claim Date

Product Campaign (0838)

Fix I.D. (F) Inspect and re-route

Fix I.D. (I) Inspect, replace and re-route

Full seventeen-character VIN

Credit Procedures for all other Warranty Claim System Users - 2009 XB12Scg

For each 2009 XB12Scg serviced, file a claim supplying all necessary information as follows:

Dealer Number

Repair Order Number

Claim Date

Product Campaign (0838)

Fix I.D. (A) Inspect and re-route

Fix I.D. (D) Inspect, replace and re-route

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-091 SAFETY RECALL CODE 0838

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

| |
|---------------|
| ORDER DATE |
| DEALER NUMBER |

| QUANTITY | PART NUMBER | ITEM |
|----------|---------------|---|
| | 94741Y | Code 0838 Brake Line Guide Kit, 1125R |
| | 94742Y | Code 0838 Brake Line Guide Kit, XB12R/XB12Scg |
| | 94743Y | Code 0838 Brake Line Kit, 1125R/XB12R |
| | 94744Y | Code 0838 Brake Line Kit, XB12Scg |
| | | 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 (if 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.

SAMPLE

Dear Buell Motorcycle Owner:

This notice is being sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Buell Distribution Company, LLC. has decided that a defect which relates to motor vehicle safety exists on certain model year 2008 1125R motorcycles built October 30, 2007 through July 17, 2008; 2009 model year XB12R motorcycles built July 2, 2008 through February 12, 2009; and 2009 model year XB12Scg motorcycles built July 1, 2008 through February 10, 2009.

The front brake line on the model motorcycles built between the above dates may contact the front tire. The condition could cause a hole to develop in the front brake line, allowing brake fluid to leak. This condition might cause an ineffective front brake, which may lead to a crash and potential injury or death of the rider.

Our records indicate that you purchased one of the model motorcycles listed above that may have the condition involved in this recall.

We strongly urge you to contact your dealer to make arrangements to have the appropriate service performed as soon as possible.

Please contact your Buell motorcycle dealer immediately and arrange an appointment to have your motorcycle repaired. The actual dealer labor time to perform this service will be less than one hour; however, due to scheduling, the dealer may require your motorcycle for a longer period of time. The parts and labor will be free of charge to you. Recall kits will be available at your dealership beginning the week of April 20, 2009.

To verify that the service has been completed, your Dealer will ask you to sign a recall claim. If you have sold your motorcycle, please forward the appropriate contact information about your purchaser. This will enable us to contact him/her and advise that person of this recall. Also, Federal regulation requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

If you have had this defect repaired before you received this letter, you may be eligible to receive reimbursement for the cost of obtaining a pre-notification remedy of the problem associated with

this recall. For more information contact Buell Distribution Company, LLC at 1-414-343-8400. Should you choose to ride your motorcycle prior to this service, we urge you to be aware of this condition.

If you take your motorcycle to your dealer on a mutually agreed upon date and they do not perform the required service to your satisfaction, please contact Buell Distribution Company, LLC. for immediate assistance at the address or telephone number listed on this letterhead. If your dealer or Buell Distribution Company, LLC. fails or is unable to remedy your motorcycle without charge within a reasonable time, you may wish to inform the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE, Washington, DC 20590, or call the toll-free Auto Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or contact NHTSA at <http://www.safercar.gov>.

We regret any inconvenience this may cause you, but we are initiating this action in the interest of your personal safety and satisfaction with our products. Thank you for your cooperation.

Sincerely,

Buell Distribution Company, LLC.
0838