

SERVICE BULLETIN

B-066

Safety Recall Code 0833

February 12, 2007



2006-2007 ULYSSES XB12X BANK ANGLE SENSOR RECALL

Purpose

Buell Motorcycle Company has determined that a condition affecting motor vehicle safety exists on certain 2006 and 2007 Buell Ulysses XB12X motorcycles. These vehicles may have a vibration at the mounting location of the bank angle sensor which, if combined with the misrouting of various wires that impinge on the sensor or its pigtail, can compromise the isolation of the bank angle sensor. Under certain circumstances, this may create a false "tip" signal and cause the engine to quit while an operator is riding the motorcycle. This could result in an accident, which could cause 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 0833) to move the BAS from the original location on the battery tray, to the current production location on the seat latch. As required by law, you may sell but **not deliver** any affected motorcycles to your customers until the remedy is completed.

Motorcycles Affected

This recall applies to 2006 and 2007 Ulysses XB12X model motorcycles built from March 24th, 2005 through October 5th, 2006. A VIN list specific to vehicles shipped to your dealership is available via h-dnet.com and is no longer attached to mailed bulletins. This list may be found by following this path:

h-dnet.com/Service/Safety Campaign and Product Campaign/Safety Campaign and Open VIN lists. Select 0833 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 provide notice to all owners of record of affected products with direction to bring the vehicle in for the recall service.

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 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).

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	LEAD TECHNICIAN	TECHNICIAN NO.1	TECHNICIAN NO. 2	TECHNICIAN NO. 3	WARRANTY PROCESS MANAGER	RETURN THIS TO
INITIAL HERE									

Kit Ordering Information

Initial wave shipments of recall kits (Part No. 94504Y) will be made the week of February 26, 2007. 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.

NOTE

*No kit orders will be accepted prior to the termination of the wave shipment date. Orders received prior to the termination of the wave shipments **will be discarded**. Termination notice of wave shipments will be sent.*

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.

Required Dealer Action

NOTE

For both 2006 and 2007 models, refer to the 2007 Buell Ulysses Model Service Manual (Part No. 99494-07Y).

Removal

1. Remove seat.

WARNING

To prevent accidental vehicle start-up, which could cause death or serious injury, disconnect negative (-) battery cable before proceeding. (00048a)

2. Disconnect negative battery cable.
3. See Figure 1. Remove screws and washers to detach BAS.
4. Unplug bank angle sensor connector and remove BAS.

Installation

1. See Figure 2. Install bank angle sensor to the underside of the mounting bracket with original fasteners. Tighten fasteners to 12-36 **in-lbs** (1.4-4.1 Nm).
2. Connect harness extension cord to main harness connector [134].
3. See Figure 4. Route the harness extension cord under the ECM and along the right tail section to the tail loop.
4. Route the harness extension cord below the rear auxiliary power outlet and behind the seat latch bracket.
5. Connect harness extension cord to BAS.
6. See Figure 4. Install the BAS mounting bracket to seat latch bracket using the original seat latch fasteners. Tighten the fasteners to 60-96 in-lbs (6.7-11 Nm).
7. See Figure 3. Using the wire retaining clips with self adhesive backing, attach the harness extension cord to the right tail section.
8. Connect negative battery cable. Tighten fastener to 72-96 in-lbs (8-11 Nm).

WARNING

After installing seat, pull upward on front of seat to be sure it is in locked position. While riding, a loose seat can shift causing loss of control, which could result in death or serious injury. (00070a)

9. Install seat.

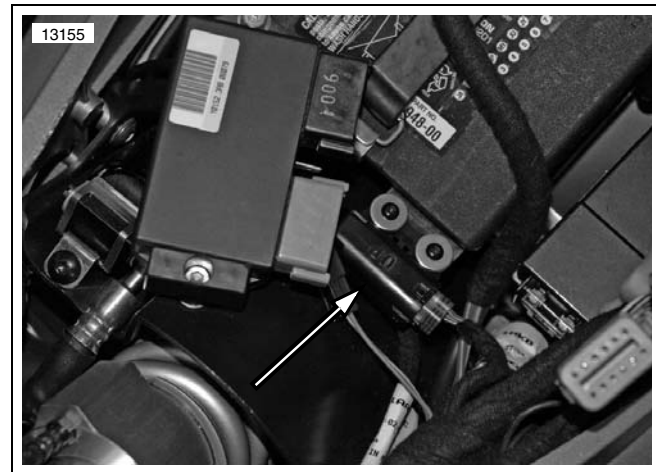


Figure 1. Bank Angle Sensor (current location)

NOTE

It is not necessary to disconnect the ECM to remove the BAS. (The ECM was disconnected for photo purposes only)

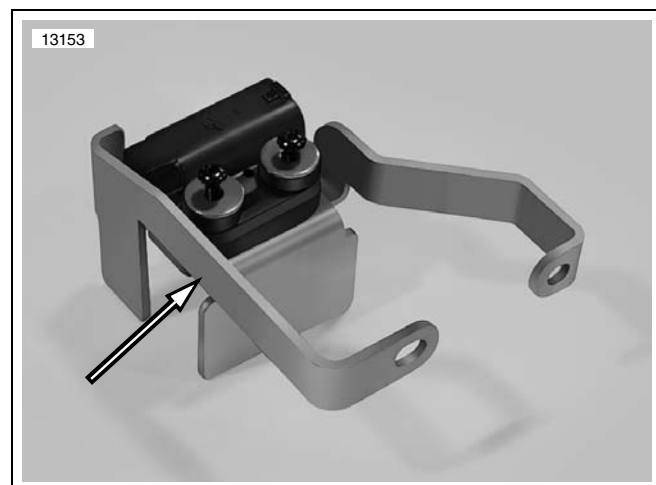


Figure 2. Bank Angle Sensor Bracket (Mounting bracket turned upside down for clarity)

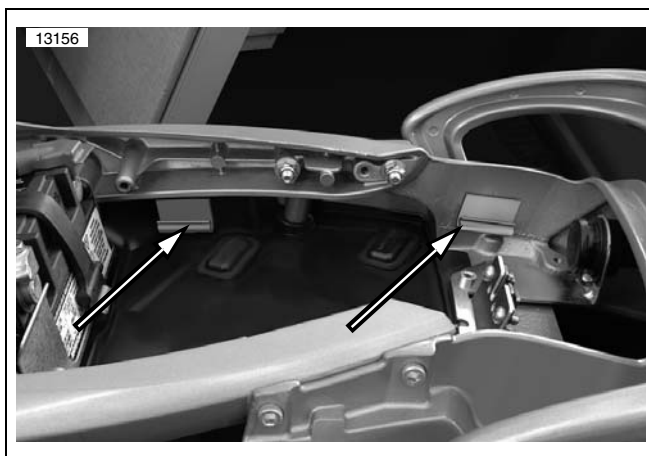


Figure 3. Extension Cord Retaining Clips

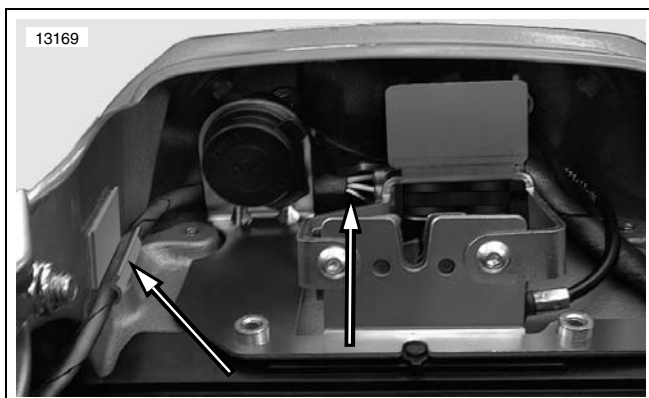


Figure 4. Correct Routing for the Harness Extension Cord with Bank Angle Sensor Mounted Correctly

Table 1. Recall Kit Parts List 94504Y

Quantity	Part No.	DESCRIPTION
1	L0056.2AK	Bracket
1	Y0466.2AK	Extension cord
2	Y1001.2AK	Retaining clips

Credit Procedures for all Talon/ h-dnet.com/Lightspeed Warranty Claim Users

Upon receipt of the properly completed recall claim, you will be credited 0.3 hours of labor for performing the procedure, plus appropriate market administrative time.

For each vehicle serviced, file an electronic recall claim as follows:

**Table 2. Credit Procedures for Talon/
h-dnet.com/Lightspeed**

ENTRY FIELD	ENTER
Claim Type	SRC
Problem Part	S0131.02A8
Quantity	Leave Blank
* Primary Labor Code	7872
Time	0.3
* Customer Concern Code	0833
Condition Code	9981
Relocation Kit Part No.	94504Y
Quantity	1
*These new codes may need to be downloaded into your system.	

NOTE

Each vehicle recall completion must be filed on an individual claim. Please do not submit additional warranty events on these claims.

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

Product Campaign (0833)

Fix I.D. (C)

Full seventeen-character V.I.N.

Upon receipt of the properly completed recall claim, you will be credited 0.3 hours of labor for performing the procedure, plus appropriate market administrative time.

