# **SERVICE BULLETIN**



B-056 November 20, 2003

## SAFETY RECALL CODE 0827 - THROTTLE CONTROL SYSTEM

# **Purpose**

The Buell Motorcycle Company has determined that a defect related to motor vehicle safety exists in the throttle control system of the 1999 and certain 2000 model year fuel injected motorcycles identified below. The idle control cable can become dislodged from the fuel injection system cable guide due to improper adjustment of the throttle control system. Should this occur, the throttle may not return to the idle position when the operator's hand is removed from the twist grip, but will return with light hand pressure applied.

# **Motorcycles Affected**

This campaign involves all 1999 model year fuel injected models (X1 and S3) plus 2000 model year fuel injected models (X1, S3 and S3T) manufactured on or before June 15th 1999.

## **Customer Notification**

Attached is a complete list of all vehicles shipped to you that are involved in this recall campaign. To protect the safety of our riders, it is our mutual responsibility to ensure that 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 also are required to perform the recall service on all affected vehicles in your dealership inventory prior to delivering or leasing those vehicles.

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

### **IMPORTANT NOTE**

Because only registered owners as shown on the attached list will receive notification from us, we request that you contact any owners of vehicles still listed as unregistered by your dealership. 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 VIN'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).

# **Throttle Clamp Kit**

#### NOTE

The kit below is for all world X1 models, all S3 and S3T models.

The Throttle Control Clamp recall kit (Part No. 94240Y) consists of:

Table 1. Kit No. 94240Y

Quantity	Part No.	Description
1	Q0115.0	Fuel line clamp
1	Y0303.2B	Cable Tie
1	C0126.K	Clamp, throttle cable
1	C0129.K	Clamp, throttle cable
1	AN0604.2CZ	Screw, throttle cable clamp

A shipment of Safety Recall Code 0827 kits, Part No. 94240Y, will contain approximately 65% of your total estimated kit requirements. Shipments will begin the week of December 1st. 2003.

All kits will be shipped no charge, transportation paid. If additional kits are needed, fill in the attached order form and fax it to the Warranty Department at 414-343-8346.

#### NOTE

Do not send in orders for additional kits <u>until</u> you have received your one and only initial shipment and have determined your remaining kit requirements. Orders received before the initial shipment is complete will be discarded. Buell Motorcycle Company reserves the right to conduct wave shipments in lieu of processing individual orders and/or adjusting order quantities, depending on the availability of replacement parts and dealers' recall completion rates.

To avoid an excess of unneeded kits in the field, please order responsibly.

#### **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	TECHNICIAN NO. 4	RETURN THIS TO
INITIAL HERE									

## **Required Dealer Action**

#### **IMPORTANT NOTE**

Obtain the 2001 X1 and S3 Buell Service Manuals (Part No.'s 99490-01Y/sections 2.24, 4.37 and 99489-01Y/sections 2.25, 4.36, respectively).

#### **A**WARNING

A Service Manual is necessary for installation of this kit as the rider's safety depends upon correct installation. Improper installation could result in death or serious injury. When reviewing the sections referenced below, be sure to take note of all warnings and cautions.

Remove seat.

## **A**WARNING

Always disconnect the negative battery cable first. If the positive cable should contact ground with the negative cable installed, the resulting sparks may cause a battery explosion which could result in death or serious injury.

- 2. Disconnect battery ground.
- 3. Cut cable strap that atttaches vapor vent hose to vent hose fitting on top of fuel tank. Detach vent hose.

## **A**WARNING

The gasoline in the fuel supply line downstream of the fuel pump is under high pressure (49 psi [338 kPa]). To avoid an uncontrolled discharge or spray of gasoline, always purge the system of high pressure gas before attaching fuel pressure gauge. Gasoline is extremely flammable and highly explosive. Inadequate safety precautions could result in death or serious injury.

- Remove fuel tank. Refer to Service Manual sections indicated above for fuel tank removal/installation instructions.
- 5. Verify correct throttle cable adjustment.
- See Figure 1. Apply Loctite 242 to fastener and loosely install cable clamp (1) over throttle cables and slide down to the cable ends.

### **A**WARNING

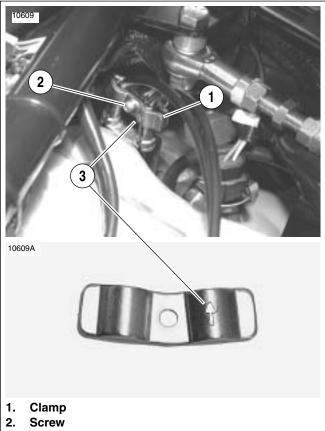
Do not install cable clamp over the cable guide bracket. This will not allow the clamp to tighten properly onto the throttle cables.

#### IMPORTANT NOTE

Throttle clamp is directional. Please note arrow (3) on right side of clamp which points straight up when properly installed.

- With cable clamp in place tighten fastener (2) to 24-27 inlbs (2.7-3.0 Nm).
- 8. Verify proper throttle operation.
- Install fuel tank. Refer to Service Manual sections indicated above for fuel tank removal/installation instructions.
- 10. Install vapor vent hose on vent hose fitting and install cable strap.

11. Verify proper throttle operation while turning front forks to the full lock position, left and right.



3. Arrow (UP)

Figure 1. Throttle Cable Clamp Installed

### **WARNING**

Always connect the positive battery cable first. If the positive cable should contact ground with the negative cable installed, the resulting sparks may cause a battery explosion which could result in death or serious injury.

Connect negative battery cable to negative battery terminal.

## **AWARNING**

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 which could result in death or serious injury.

13. Install seat.

# Credit Procedure-Vehicle Repair

For each vehicle serviced, place a "C" in the letter box on the Buell Dealer Service Card.

Upon receipt of the properly completed Buell Dealer Service Card, you will be credited 0.5 hrs. labor, which includes 0.1 hr. administration time. No credit will be issued for parts as parts were sent no charge, transportation paid.

2 of 2 B-056

Bu	
AMERICAN	MOTORCYCLES

# **BUELL MOTORCYCLE COMPANY** P.O. BOX 594, MILWAUKEE, WI U.S.A 53201 **PARTS & ACCESSORY ORDER**

TYPE CODE	ORDER TYPE	VEHICLE
R	REGULAR	IDENTIFICATION
Р	POLICE	NUMBER
D	DOWN VEHICLE	
W	WARRANTY	
RC		

WARRANTY CLAIM NO.	
ORDER TYPE	RC
DEALER NO.	
ORDER DATE	
DEALER ORDER	

## B-056 **RC-0827**

NAME	S	NAME		
U L	I	ADDRESS SAME	FOR OF	FICE USE ONLY
D ADDRESS	Р	ADDRESS	ACCT.	111-633.0
CITY/STATE/ZIP	T 0	CITY/STATE/ZIP	FRT. ACCT	111-633.0

QUANTITY	PART NUMBER	
	94240Y	Code 0827: THROTTLE CONTROL SYSTEM CLAMP KIT
		NOTE: All orders 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.
		WARRANTY CODE 0827
		ODE 082
		Y COUL
		2017
		INARRAM

**PLEASE USE PART NUMBERS** DO NOT USE FOR CORRESPONDENCE

#### ALL ORDERS SUBJECT TO ACCEPTANCE AT MILWAUKEE, WI 53201

All goods covered by this order, including goods back-ordered, will be billed at prices current at the time of shipment. Goods are purchased for resale and delivery is made to purchaser F.O.B. factory, Milwaukee, Wisconsin or other point of origin. If accepted, this order as accepted shall be subject to availability of goods to seller for delivery to purchaser. Any delay in shipment shall not relieve purchaser of responsibility for his accepted order and seller shall not be liable for any loss or damage due to delay in shipment or failure to deliver. Any request for cancellation of this order or any part thereof must be received by seller prior to the date of shipment, and in case of reconsignment or return of goods to seller, purchaser shall pay the entire cost connected therewith, plus zero, ten or twenty-five percent of selling price, as determined by Company policy from time to time, as liquidated damages for loss of sale. Purchaser will be responsible for collection and payment of all Federal, State and local taxes that apply on the retail sales.

**PLEASE USE PART NUMBERS** DO NOT USE FOR

CORRESPONDENCE PRINTED IN U.S.A.