

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).

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									

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 until 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.

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).

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.

1. Remove seat.

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 attaches vapor vent hose to vent hose fitting on top of fuel tank. Detach vent hose.

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.

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

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.

7. With cable clamp in place tighten fastener (2) to 24-27 in-lbs (2.7-3.0 Nm).
8. Verify proper throttle operation.
9. 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.

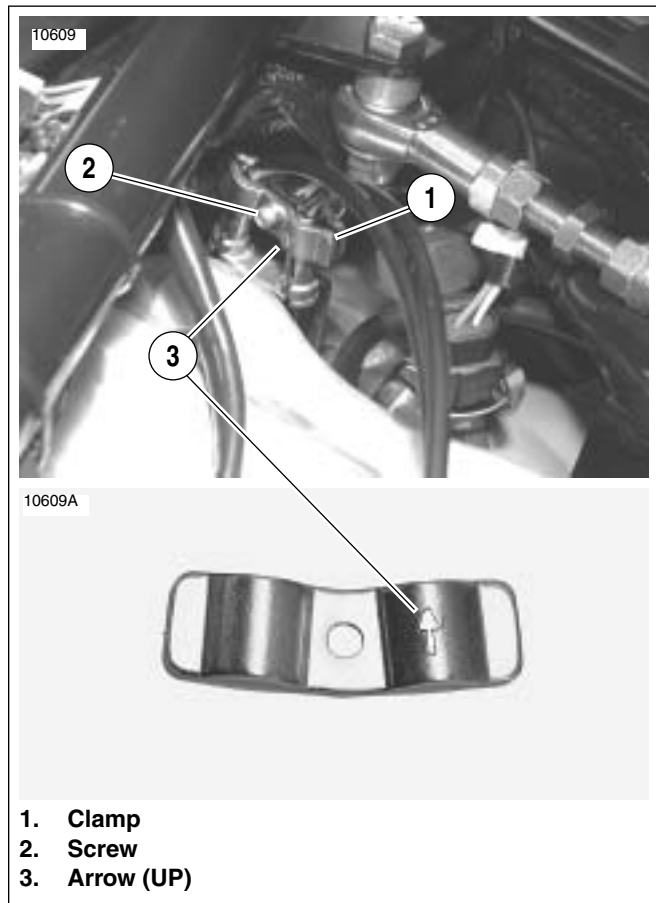


Figure 1. Throttle Cable Clamp Installed

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.

12. Connect negative battery cable to negative battery terminal.

WARNING

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.

