

SERVICE BULLETIN



B-051A

October 31, 2003

WHEEL BEARING UPGRADE FOR XB9R AND XB9S MODELS (PRODUCT PROGRAM NO. BP9)

Purpose

The Buell Motorcycle Company is providing a no cost wheel bearing upgrade to owners of some 2003 XB9R and XB9S model motorcycles. The new wheel bearing provides improved seal quality and grease retention capabilities. The purpose of this revised bulletin is to provide you with updated service information found on page 2.

Motorcycles Affected

All 2003 XB9R and XB9S models produced before November 7th, 2002. Attached is a list of affected motorcycles that were shipped to your dealership.

Replacement Wheel Bearings

Old wheel bearing part numbers are E0005.02A8 (rear) and E0004.02A8 (front). New wheel bearing part numbers are E0005.02A8A (rear) and E0004.02A8A (front).

See [Figure 1](#). Old wheel bearings can be identified by a black seal area visible without disassembly to the vehicle. New wheel bearings can be identified by an orange seal area.

Wheel bearing kits, Part No. 94197Y, will be shipped in two waves, the first wave being shipped on or before March 17, 2003. Wave two will ship on or before March 24, 2003. All kits shipped in the wave shipments will be sent no charge, transportation paid.

NOTES

- No orders will be accepted until wave shipments are completed. Electronic orders for the kit, Part No. 94197Y, will be accepted only between March 25 and May 31, 2003.
- The no charge wave shipments and subsequent order shipments will cease June 1, 2003. After this date, any subsequent wheel bearings must be ordered by individual part number as the kit will be obsolete. You will be billed for all wheel bearings ordered and shipped after the above date of June 1st. File your BP9 claim listing the quantity of each individual bearing, in order to receive appropriate credit for bearings you have ordered after June 1, 2003.

Customer Notification

Because only registered owners, as shown on the attached list, will receive notification from us, we request that you contact owners of vehicles still listed as unregistered, advise them of this Program and make arrangements with them to come in for the required services.

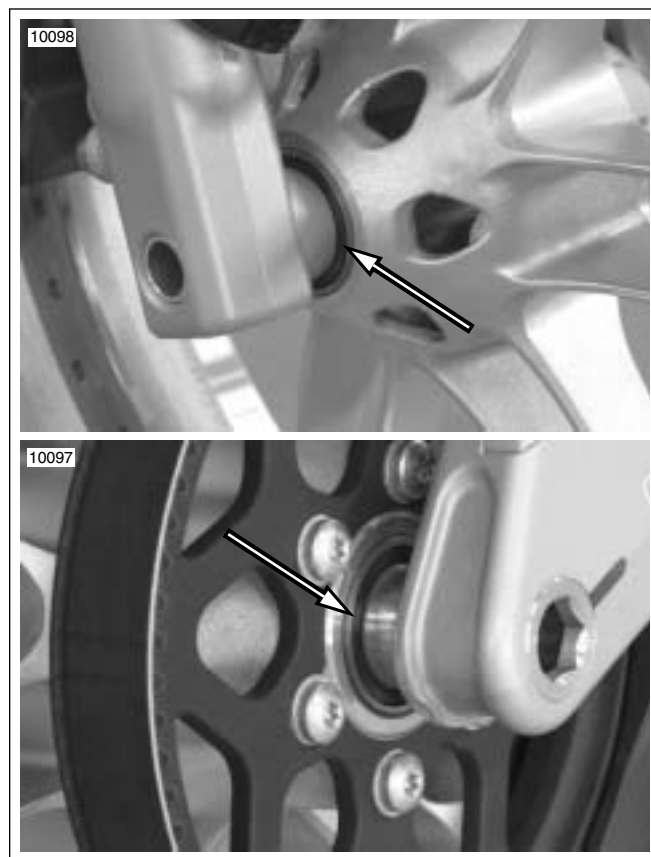


Figure 1. Wheel Bearing (Seal Area) Identification
(Black=replace) (Orange=New)

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

Check VIN list for motorcycles that were shipped to or sold by your dealership. If your dealership has in stock or has sold any of the motorcycles on the VIN list, perform all actions required by this bulletin.

NOTES

- See [Figure 1](#). Inspect bearings to determine which seal is present. If black seal is present, replacement is needed. If bearings need to be replaced, refer to the appropriate service manual for the model being serviced for instructions on replacing wheel bearings.
- During inspection, if wheel bearings have completely failed please call Technical Services at 414-343-4887 for additional instructions.

IMPORTANT NOTES

- Review *Service Bulletin B-050 regarding belt handling precautions before starting service procedure.*
- Press the rotor side bearings in first ensuring it is seated on the shoulder of the wheel. Followed by pressing the alternate side until it contacts the spacer.

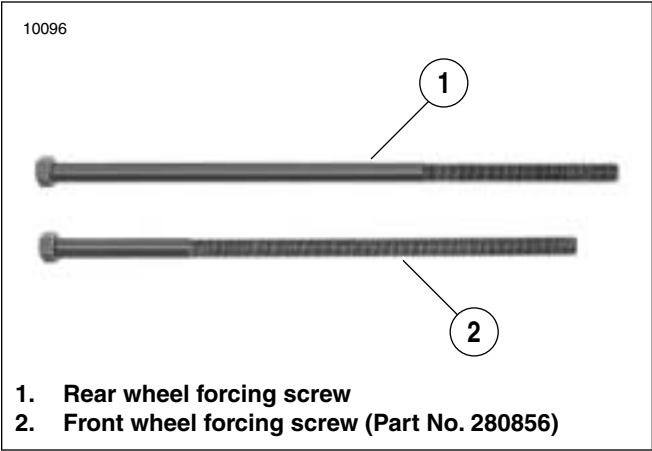


Figure 2. Forcing Screws Used for Front and Rear Wheel Bearing Installation

See [Figure 2](#). When installing rear wheel bearings it is necessary to use the FORCING SCREW (1) from the STEERING HEAD BEARING RACE INSTALLER (Part No. HD-39302).

When installing front wheel bearings it is necessary to use the FORCING SCREW (2) (Part No. 280856) from the WHEEL BEARING REMOVER & INSTALLER KIT (Part No. HD-44060).

Table 1. B-43993-50 Wheel Bearing Remover and Installer Kit Contents

P/N	ITEM
(B-43993-50)	Wheel Bearing Remover and Installer
(B-43993-7)	Front Wheel Bearing Remover Collet
(B-43993-8)	Rear Wheel Bearing Remover Collet
(B-43993-9)	Rear Wheel Bearing Installer
(B-43993-10)	Front Wheel Bearing Installer
(B-43993-11)	Backing Plate (front wheel)
(B-43993-12)	Backing Plate (rear wheel)

IMPORTANT NOTE

This information is not included in your 2003 Buell Service manuals and should be added to the appropriate sections.

Credit Procedure- Vehicle Repair

After servicing each vehicle, file a warranty claim referencing Service Bulletin B-051 in the "Description of Repair" or "Comments" section of the claim. Fill in the rest of the claim as follows:

Table 2. Credit for Labor

Claim Type*	BP9
Event 1, Qty & Problem Part Nos.	0-E0005.02A8 0-E0004.02A8
Event 1, Additional (Replacement) Qty & Part No.	0-94197Y
Part Description	wheel bearings
Primary Labor Code	2145
Time: (includes anti-seize)	1.8 hr (All Models)
Customer Concern Code	9203
Condition Code	2108

Credit Procedures - Dealer Stock Parts

Remove and destroy all bearings with black seals from your inventory.

To receive credit, complete a regular warranty claim referencing Service Bulletin B-051 in the "Description of Repair" section. Fill in the rest of the claim as follows.

Table 3. Credit for Parts

Claim Type	BDS
Quantity	See Note Below
Problem Part Nos.	E0005.02A8 E0004.02A8
Part Description	Wheel Bearings
Customer Concern Code	9203
Condition Code	2108

NOTE

"Quantity" may vary depending upon what you have in stock.

Upon receipt of properly completed claim for parts in dealer stock, you will receive the appropriate credit for parts. Affected parts have been superseded. **Remove and destroy all bearings with black seals from your inventory.** Order parts as required to restock your inventory. Order by individual part number for front and rear bearings. Do not order the program kit part number to restock your inventory.