SERVICE BULLETIN

B-085 November 5, 2008

BUELL 1125 MODEL SUSPENSION SETTINGS

Purpose

Buell Motorcycle Company has identified that updated suspension components and publishing dates for service literature have caused confusion over suspension settings.

The suspension settings published in the 2008 Owner's Manual are correct for the suspension components on 1125R Models (DOM, CAL and CAN) built through July 7, 2008.

After July 7, 2008, different suspension components were installed on 2008 and later 1125R Models and on 2009 1125CR Models. Suspension settings compatible with the later components were published in the 2008 and 2009 Service Manuals and in the 2009 Owner's Manual.

In the interest of customer satisfaction, Buell Motorcycle Company has elected to publish this Service Bulletin and Supplement to match the factory recommend suspension settings to the suspension component part numbers.

Motorcycles Affected

This Service Bulletin and Supplement applies to all 2008 and 2009 Buell 1125R/CR Models.

Required Dealer Action

Print copies of the attached supplement and insert in the owner's manual of all 2008 1125R motorcycles in your inventory prior to customer delivery.

Print copies of the attached supplement to insert in copies of the 2008 1125R Service Manual. Update any other existing documentation at your dealership as necessary.

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
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BUELL 1125 MODELS SUSPENSION SETTINGS

Suspension Part Numbers

Match suspension part numbers to a recommended suspension settings table.

1. See Figure 1. Record the rear shock part number.

NOTE

See Figure 2. The part numbers for the left and right fork assemblies are etched into the inside of the slider axle clamps.

2. Record the right (R) and left (L) front fork assembly part numbers.
3. Match the recorded part numbers to a year and model row in the suspension part numbers table. Refer to Table 1.
4. Read across the row to identify the recommended suspension settings table. See **Suspension Setting Tables**.

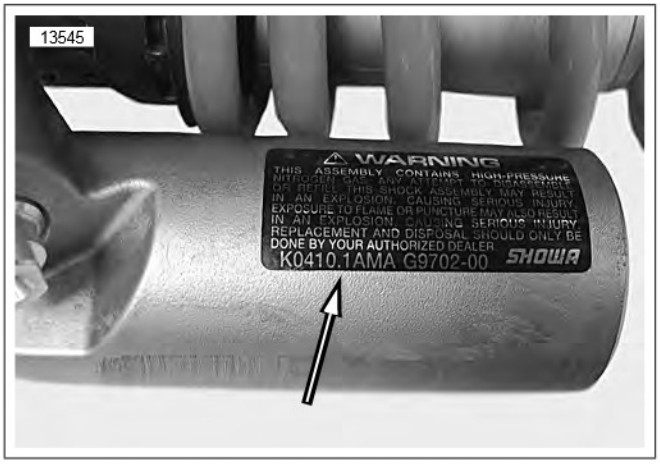

Figure 1. Rear Shock Part No. Location

Figure 2. Right Front Fork Assembly Part No. Location

Table 1. Suspension Part Numbers

REAR SHOCK PART NO.[1]	RIGHT FORK PART NO.[2]	LEFT FORK PART NO.[2]	YEAR AND MODEL	SUSPENSION SETTINGS
K0410.1AMB	J0122.1AMB	J0121.1AMB	2009: 1125R	Refer to Table 2.
K0410.1AMB	J0122.1AT	J0121.1AT	2009: 1125CR	Refer to Table 2.
K0410.1AMB	J0122.1AMB	J0121.1AMB	2008: 1125R After 7/7/08	Refer to Table 2.
K0410.1AMA	J0122.1AMA	J0121.1AMA	2008: 1125R Through 7/7/08	Refer to Table 3.

1. On motorcyles with mixed shock and fork part numbers, match the rear shock part number to its suspenson settings table.
2. On motorcycles with mixed fork part numbers, refer to Table 2.

Suspension Setting Tables

Table 2. Recommend Suspension Settings
All Models and Markets after July 7, 2008

LOAD		FRONT FORK			REAR SHOCK		
		PRELOAD	COMPRES-SION	REBOUND	PRELOAD	COMPRES-SION	REBOUND
kg	lb	Turns in from Min.	Turns out from Max.	Turns out from Max.	Notch	Clicks out from Max.	Turns out from Max.
Under 77	Under 170	6	1 3/4	1 3/4	3	20	1 1/4
77-86	170-190	7	1 5/8	1 1/2	4	18	1
86-95	190-210	7	1 1/2	1 1/2	5	16	1
95-104	210-230	7	1 1/2	1 1/2	6	14	7/8
104-113	230-250	7 1/2	1 3/8	1 3/8	7	12	3/4
113-122	250-270	7 1/2	1 3/8	1 3/8	8	10	1/2
122 to GVWR	270 to GVWR	8	1 1/4	1 1/4	9	10	1/2

Table 3. Recommend Suspension Settings
1125R DOM, CAL and CAN Only through July 7, 2008

LOAD		FRONT FORK			REAR SHOCK		
		PRELOAD	COMPRES-SION	REBOUND	PRELOAD	COMPRES-SION	REBOUND
kg	lb	Turns in from Min.	Turns out from Max.	Turns out from Max.	Notch	Clicks out from Max.	Turns out from Max.
Under 77	Under 170	5	2 1/2	2	1	20	3 1/4
77-86	170-190	5 1/2	2 1/4	2	2	20	3
86-95	190-210	6	2	1 7/8	3	18	2 3/4
95-104	210-230	6 1/2	1 7/8	1 3/4	4	18	2 5/8
104-113	230-250	7	1 3/4	1 5/8	5	16	2 1/2
113-122	250-270	7 1/2	1 5/8	1 1/2	6	14	2 1/4
122 to GVWR	270 to GVWR	8	1 1/2	1 1/2	7	12	2