2008 Buell 1125R New Model Information

1. CHARGING SYSTEM
(See also WWW.BUELL.COM FAQ page)

The 1125R is equipped with a 432 watt alternator designed to manage the original equipment manufacturers vehicle electrical loads and supplied 10 amp accessory plug. This system is designed to maintain and recover the battery's charge under normal operating conditions, which is considered ride time over 3000 rpm's. In some instances, the duty cycle and current draw may create a charging system deficit below 2000 RPM. In riding situations where the customer experiences excessive idle time or extended riding below 2000 RPM or is using high wattage accessories in conjunction with the high beams under 2000 RPM, it may cause the charging system to operate at a deficit. In any of these situations, maintenance with a Battery Tender is recommended while the vehicle is not in use.

The 1125R is equipped with a 10 amp accessory plug under the front module. Power to the accessory plug is controlled by the ECM through a relay. If the battery voltage drops below 11.9 volts the ECM will remove power from the accessory plug until the battery recharges to 12.4 volts. This system feature is designed to maintain the battery's charge. Buell offers heated grips that adapt directly to the accessory plug.

The 1125R charging system is designed to operate with the original equipment manufacturers vehicle electrical loads plus the heated grip accessory. Additional accessory electrical loads may cause the charging system to operate at a deficit regardless of RPM, which will discharge the battery. Accessories connected directly to the battery will draw electrical current regardless of the battery's charge voltage or vehicle operation. We do not recommend adding unauthorized accessories directly to the battery. If other accessories are added to the electrical system, they should be wired directly into the accessory plug so that the ECM can shut off power to the accessory in the event battery voltage drops below 11.9 volts.

2. MIRRORS

When installing the mirrors, you will need to pull a little slack in the wire above the mounting bracket so the wire won't be stressed during folding the mirrors.

3. DATA LINK PLACEMENT

The data link can be found on the left side of the motorcycle, just rear of the left radiator outer cover, tucked under the frame.

4. INITIAL CARE CALL LINE REMINDER

The Initial Care Call line is active until June 27, 2008.
The number to call is 414-343-8357 (USA only) and follow prompts for the 1125R Initial care line.

5. PDI / SET UP DOCUMENT LOCATION

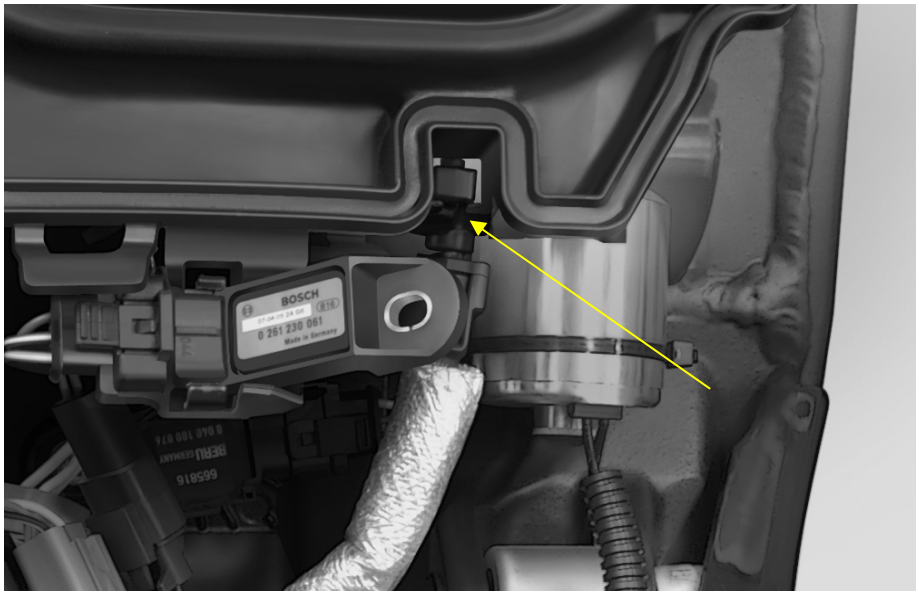
The PDI / Set up document is located on HD-Net under;
Service,
Literature and Publications,
Product literature and catalogs,
Pre-delivery and set up information,
2008 PDI Manual,
2008 Buell Pre-delivery and set up instructions.

6. FLAT RATES

PDI / SET UP	= 1.2 hours
SERVICES:	
620 miles (1000 km)	= 0.9 hours
6,200 miles (10,000 km)	= 0.8 hours
12,400 miles (20,000 km)	= 4.2 hours
18,600 miles (30,000 km)	= 0.8 hours
24,800 miles (40,000 km)	= 5.1 hours
31,000 miles (50,000 km)	= 0.8 hours
37,200 miles (60,000 km)	= 4.2 hours

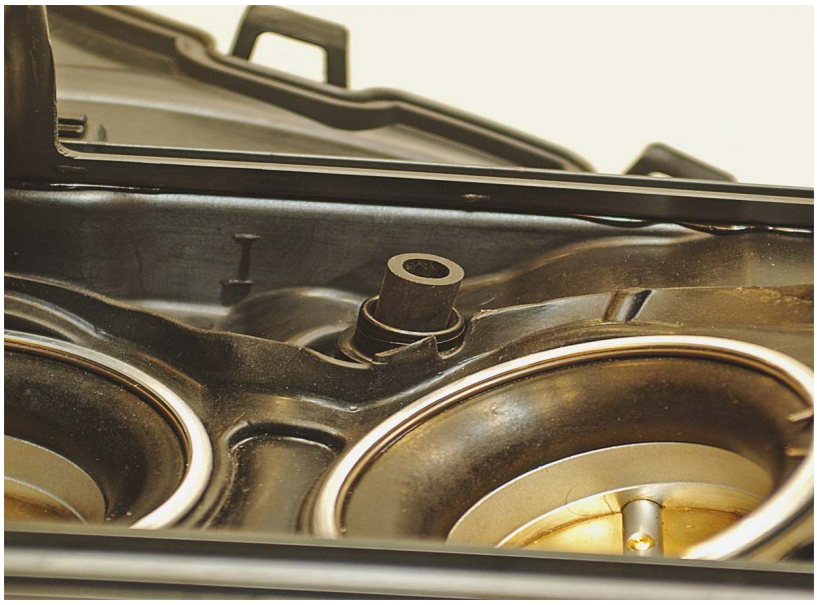
7. FUEL RAIL

Before removing the airbox baseplate, be sure to unhook the fuel rail at rear of baseplate. Care should also be taken whenever disconnecting the fuel line from the manifold. You should support the fuel rail with one hand while pushing the connector forward and depressing both tabs to release.



8. IAC HOSE TO BE PULLED UP THROUGH THE BASEPLATE

When installing the airbox base plate, make sure the IAC hose is pulled up to show 10mm of hose. This will prevent contact between the hose and the throttle body linkage.



9. SPARK PLUG CLEANING STRATEGY REMINDER

Similar to the 2008 XB, the 1125R has the ability to clear residual fuel from the combustion chamber if a flooded engine or fouled spark plugs are suspected. This is achieved by opening the throttle to wide open, setting the Run/Stop switch to Run then, turning the ignition switch ON. This will fire the spark plugs for approximately 4 seconds, burning any fuel left over in the combustion chamber. It may be necessary to repeat this procedure several times to allow a severely flooded engine to start.

NOTE

Motorcycle should be in Neutral.

10. NEW ENGINE OIL CHECK AND OIL CAPACITY

(See also Service Bulletin # B070)

Oil Level Cold Check

For pre-ride inspection, perform engine oil level **Cold Check** as follows:

1. With the vehicle upright on level ground, unscrew and remove dipstick from oil filler hole. Wipe dipstick clean.
2. Insert dipstick into oil filler hole, screwing dipstick in completely.
3. Unscrew and remove dipstick. Verify oil registers on the dipstick.
    a. If oil level registers on dipstick, proceed to Oil Level Hot Check.
    b. If oil does not register on the dipstick, proceed to the next step.

4. If oil is not present, add only enough oil in increments of 3.4 fl. Oz. (0.1L) to bring the level to be visible on dipstick. Then proceed to Oil Level Hot Check.

Oil Level Hot Check

Perform engine oil level **Hot Check** as follows:

1. Ride motorcycle for approximately 10 minutes. Ride at least 5 miles (8 kilometers) to ensure the oil is hot and the engine is at normal operating temperature. Readings taken with colder oil could lead to an overfull engine condition.
2. Stand the motorcycle upright (not leaning on sidestand) on a firm level surface. An uneven surface will produce a false oil reading.
3. Idle the motorcycle for three minutes. Shut off the motorcycle.
4. Wait 3-4 minutes after shutdown (with vehicle still upright) before reading the oil level, or false readings may result.
5. Unscrew and remove dipstick from oil filler hole. Wipe dipstick clean.
6. Insert dipstick into oil filler hole, screwing dipstick in completely.
7. Unscrew and remove dipstick and note oil level. An indicated oil level between MIN and MAX (measured after performing steps 1 through 6) is acceptable for safe engine operation. Oil should be added in 3.4 fl. Oz. (0.1 L) increments, depending on how far the level is from the MAX reading. Confirm oil level by repeating steps 1 through 7.

Note

If the oil level is at (or above) the OVERFULL mark, drain oil at 6.8 fl. Oz. (0.2 L) increments until the oil level is between the MIN and MAX marks on the dipstick. Repeat steps 1 through 7 to confirm proper level.

8. Hand tighten dipstick into oil filler hole.

Engine Oil Capacities:

Engine oil (including oil filter) = 2.7 Quarts (2.6 Liters)
Engine oil (not including oil filter) = 2.4 Quarts (2.3 Liters)