

2008 Buell 1125R New Model Information

1. 1125R MIRRORS-WARNING STICKERS

The stickers that are affixed to the 1125R mirrors should only be removed by the customer. It is important that the owner read and understand how to adjust the position of the mirrors to avoid possible damage to the mirror components. Please inform all necessary staff of this procedure, I.E. Technicians, Sales Associates, and Detail Staff.

2. SERVICE INTERVALS

Please note the service intervals on the 1125R are different than other Buell models.

First service is 620 miles (1,000 KM)

The following service is 6200 miles (10,000 KM) and at every 6200 miles (10,000 KM) Intervals.

3. CHECKING/ ADDING COOLANT / COLOR OF COOLANT

Checking Coolant

1. Allow the engine to cool.
2. With the motorcycle on its side stand, locate the coolant expansion tank sight gauge inside the right radiator cowling.
3. If fluid is visible in the sight gauge, the coolant level is at or above the COLD FULL line.

Adding Coolant in Expansion Tank

1. Remove six screws from the outer shroud of the right cowling. Remove the outer shroud.
2. Check coolant level in expansion tank with coolant cold and motorcycle on its side stand.
3. If level is below "COLD FULL" line on tank, remove cap from expansion tank. Add HARLEY-DAVIDSON EXTENDED LIFE ANTIFREEZE & COOLANT (Part No. 99822-02) until fluid level reaches the "COLD FULL" line.
4. Replace the cap on the expansion tank.
5. Install outer shroud on right radiator cowling. Tighten six screws to 80-88in-lbs (7-11 Nm)

NOTE

The HARLEY-DAVIDSON EXTENDED LIFE ANTIFREEZE & COOLANT (Part No. 99822-02) is Orange. The fluid from the engine could have a different color (Blue or Green) Even though the color is different, the type of coolant is the same.

4. SPARK PLUG CLEANING PROCEDURE

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.

5. 1125R SECURITY SYSTEM OPERATION.

This is a brief overview of the 1125 Security System operation. You should review the Owners Manual 99480-08y for complete instructions. There are three Theft Modes that can be accessed on the Instrument Cluster: On, Off and Ask. You can change the Theft Mode by turning the key switch to the ON position and pressing the TOGGLE and MODE buttons for five seconds then, using the TOGGLE button, scroll to the THEFT SETTING menu. In the ON mode, the security system will arm itself each time vehicle is turned off. In the OFF mode, the system will never arm. In the Ask mode, the rider will be asked to enter the PIN every time the vehicle is turned off. If no PIN is entered, within 4 minutes, the system will remain disarmed. To arm or disarm the system, you will need to enter a four digit PIN using the TOGGLE button. If an incorrect PIN is entered more than 20 times, the system will lock for 30 minutes.

NOTE

The factor default PIN is 0000. Use this when changing the PIN for the first time.

6. FUEL PRESSURE

The fuel system is different on the 1125R. The 1125R uses a fuel pressure sensor compared to the XB, which uses a fuel pressure regulator. The XB needed a constant pressure (49-51 PSI) With the 1125R the fuel pressure will vary.

At key on the fuel pressure is 75psi and the range of the fuel pressure is 58-80psi.

NOTE

The fuel pump may come on for up to 20 minutes after key off to maintain system pressure.

7. OPERATING TEMPERATURE AND FAN OPERATION

At key on, the fans will turn on at 77C and off at 71C.

At key off, the fans will stay on for 1 minute if the temperature is above 87C (less then 1 minute if the temperature drops below 76C)

8. TIRE MOUNTING-PREVENTING TIRE DAMAGE

Use care when replacing tires on the 1125R. Lube the inner and outer wall of the tire bead. Be sure that the installed bead is in the center of the valley to relieve pressure on the portion that is being installed. Damage to the tire bead as a result of improper installation will not be covered under warranty.

9. CLUTCH PISTON SERVICE

When removing the clutch diaphragm assembly, it will be necessary to remove the nut from the clutch release pin. Use caution when removing this nut as spring pressure behind the clutch piston will force it out of the cover bore. You will need to hold the piston in the bore as you loosen the release pin nut then, slowly allow the piston to come out. It is recommended that the brake fluid be drained from the system before service to prevent it from contacting painted parts.

10. MAINTENANCE SPECIFICATIONS

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| Engine oil | 3 qts w/filter change, SYN-3 | 2.5 qts w/o filter change SYN-3 |
| Oil filter # | Q1064.1AM | |
| Coolant | 0.8 gallon | 99822-02 |
| Tire sizes | Front: CORSA III 120/70ZR17 BW | Rear: CORSA III 180/55ZR17 BW |
| Tire Pressure | Front: 34 | Rear: 36 |
| Brake fluid | DOT 4 | |
| Brake pads | Front: H0300.1AMA | Rear: H0301.1AM |
| Battery # | 65958-04 | |
| Air cleaner # | P0213.1AMA | |
| Spark Plug | V0075.1AM | |
| Fork Oil | type E | |