CARBURETOR

The carburetor has been specifically designed for emissions control operation. All jets are fixed at the factory.

Carburetor controls include throttle, auto enrichener and idle speed adjusting screw. Check all carburetor controls for proper operation at every maintenance interval.

CAUTION

Operation at altitudes above 4000 ft. (1200 m) elevation may require carburetor modifications for best engine performance. See your Buell Dealer for these adjustments. Failure to do so may result in equipment damage.

We recommend that any carburetor service be performed by your Buell Dealer.

Auto-Enrichener Operation

Your Blast is equipped with an auto-enrichener that automatically richens the fuel mixture provided to the carburetor at start-up eliminating the need for a manual choke or enrichener. The auto-enrichener increases the idle speed at start-up until the engine is warmed up to the proper operating temperature and then gradually decreases to the correct idle speed. Allow the bike to warm up (idle speed returns to normal) before beginning forward movement.

CLUTCH

Oil and adjust the clutch control cable every 5,000 miles (8,000 km) with LUBIT-8 TUFOIL CHAIN AND CABLE LUBE (Part No. 94968-85TV). Clutch control cable adjustment is required at this interval to compensate for normal clutch lining wear. If the clutch slips under load, or drags when released, adjust the clutch control cable. See your Buell Dealer.

AIR CLEANER

See Figure 21. The engine air cleaner prevents foreign material from entering the carburetor and engine, trapping airborne dust and dirt in a reusable filter element. Inspect the filter element at least every 10,000 miles (16,000 km), or more often under dusty conditions.

Removal/Installation

1. See Figure 21. Release five latches that secure air box cover to air box. Remove phillips head screw and air box cover from backplate.
2. Pull conical filter element from air box.
3. Clean the air box and cover with a slightly damp cloth.
4. Replace the filter element if damaged.

⚠WARNING

Do not use gasoline or solvents to clean the filter element. Volatile or flammable cleaning agents may cause an intake system fire, which could result in death or serious injury.

5. To clean filter element, wash in warm, soapy water. To remove soot and carbon, soak element for 30 minutes in warm water and mild detergent. Allow filter to air dry.

NOTE

Do not use air cleaner filter oil on the filter element.

6. Hold the filter element up to a strong light source. The element can be considered sufficiently clean if light is uniformly visible through the filter media.

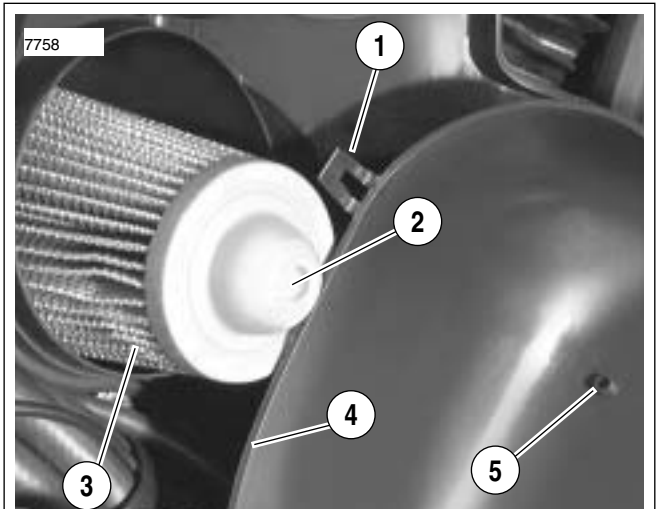
7. Install filter element into airbox.

8. See Figure 21. Note position of index pin on air box cover and depression on filter element. Position air box cover onto air box so that pin engages depression.

9. Push cover onto backplate and install phillips head screw. Lock five latches around perimeter of air box cover while pushing on the cover.

CAUTION

Do not run engine without filter element in place. Debris could be drawn into the engine causing damage.



1. Latches (5)
2. Depression
3. Filter Element
4. Air Box cover
5. Index Pin

Figure 21. Air Cleaner and Filter Element