# INSTRUCTION SHEET



-J01206 Kit Number 65150-98Y REV. 2-16-98

## RACE MUFFLER REPACK KIT

## General

# **A**CAUTION

This repack kit is designed and intended for use in Buell Race Muffler 65398-96Y, any other use is not recommended. The Race Muffler is intended for high-performance racing (off road use) applications only. Operation on public roads may be prohibited or limited by local, state or federal laws and maybe restricted to closed-course competition. The Race Muffler is not legal for sale or use in California on any pollution-controlled motor vehicles.

#### NOTE

Fiber packed mufflers may require repacking in as little as 1000 miles of extreme use.

## **Muffler Removal**

 Remove lower bolts, locknuts and washers from both rear muffler supports. It is recommended that you replace the used locknuts with new (7541Y) 5/16-18 Locknuts.

#### NOTE

On 1998 models - remove the complete Z - bracket.

2. Loosen front muffler clamp. Remove muffler.

## Muffler Repacking Instructions

- Place muffler on a work bench or other suitable flat stable surface.
- In an inconspicuous area of the muffler scribe or mark a line from the rivet flange of the front muffler end cap onto the muffler body. This line will be used to insure correct alignment during the reassembly of the muffler.
- Using a suitable (variable speed is suggested) hand held drill remove the rivets from the front muffler end cap using the following procedure.
  - Place a sharp 3/16" or #10 high speed steel drill bit into the drill.

### **AWARNING**

Always wear adequate eye protection when operating a drilling tool or when using a hammer or personal injury may occur.

b. Drill into the flange head of each of the rivets that hold the front muffler end cap to the muffler body and continue to drill into the rivet body until the rivet is completely dislodged from the muffler assembly. If necessary use a suitable punch and hammer to push the headless rivets out of the muffler end cap and muffler body into the interior of the muffler.

## **A**CAUTION

Inspect the holes in the muffler body and both end caps. If the holes are elongated, the entire muffler must be replaced. Continued use of the muffler with elongated holes may result in structural failure of the muffler.

- Inspect the holes in the muffler body and both end caps.
  If the holes are elongated, the entire muffler must be
  replaced. Do not attempt to reassemble. Continued use
  could cause structural failure of the muffler.
- Remove front end cap from the muffler body. Remove perforated core tube and fiber packing material. Discard used fiber packing material.
- Tightly roll the new fibrous packing material around perforated core. Insert combination into the muffler body making certain perforated tube slides over outlet tube of the rear muffler end cap.
- Using a suitable solvent, clean the inside surface of the front end cap and the outside surface of the muffler body in the area where it contacts the front end cap. Make certain all old sealing material is removed from these areas.
- Place a thin coating of red RTV sealer on the inside flange surface of the front muffler end cap.
- Install front muffler end cap onto muffler body making certain that the perforated core tube slides over the inlet tube of the front muffler end cap. Also, make certain that the front muffler end cap is positioned correctly on the muffler body using the previously scribed line for alignment.
- Using a suitable rivet tool install the new rivets from the kit into the muffler assembly using the existing holes.

## **Muffler Installation**

- Inspect muffler clamp (65829-97Y) and muffler support (65333-94Y on 98 models). If either show signs of damage or wear replace as necessary.
- 2. Slide muffler onto the header collector. Install muffler support bolts washers and locknuts, do not tighten.
- 3. Align muffler, tighten muffler clamp to 50-55 ft-lbs (67.8-74.6 Nm). Tighten rear muffler locknuts.

## **AWARNING**

Before tightening muffler hardware, position muffler to provide adequate clearance from rear shock absorber, side stand spring post and rear tire. Failure to provide adequate clearance may cause personal injury during motorcycle operation.