

# INSTALLATION INSTRUCTIONS

## DRAG SPECIALTIES CRANKCASE BREATHER KIT FOR 93-04 BIG TWIN MODELS P/N DS-289620

**ATTENTION INSTALLER** (if other than owner): Please forward this instruction sheet to the purchaser of this product. These instructions contain valuable information necessary to the end user.

**INTRODUCTION:** These instructions describe the procedure for properly installing this crankcase breather kit on 93-04 Big Twin Evolution and Twin Cam models.

Review instructions carefully before beginning, as they contain important information. Please retain for future reference.

The following notations distinguish particularly important information in the instructions:

**NOTE:** A NOTE provides key information to make procedures easier or clearer.

**CAUTION:** A CAUTION indicates special procedures that must be followed to avoid damage to the motorcycle and/or accessories.

**WARNING!:** A WARNING indicates special procedures that must be followed to avoid injury to a motorcycle operator or person inspecting or repairing the motorcycle.



### COMPONENTS:

- 1- Breather crossover assembly
- 2- 1/2" banjo bolts (Evolution)
- 2- 5/16" banjo bolts (Twin Cam)
- 6- 1/2" sealing washers
- 4- Stepped adapter washers

### PROCEDURE:

1. Remove the OEM air filter assembly and backing plate.

#### FOR EVOLUTION MODELS:

2. Take the two 1/2" banjo bolts and install a sealing washer on each bolt.
3. Place the banjo bolts through the breather crossover tube, install another sealing washer and install the banjo bolts into the cylinder heads. Tighten the banjo bolts securely. Skip steps four through seven.

#### FOR TWIN CAM MODELS:

4. Take the two 5/16" banjo bolts and install a stepped adapter washer on each. Make sure the raised portion of the washer faces away from the bolt head.
5. Install a sealing washer on each bolt, centering it on the stepped adapter washer.

6. Place the banjo bolts through the breather crossover tube, install another sealing washer and stepped adapter washer onto the banjo bolts. The stepped portion should face the breather.
7. Install the banjo bolts into the cylinder heads. Tighten the banjo bolts securely.

**NOTE:** The breather crossover bracket can be installed with the hose fitting to the front or rear, whichever most suits your particular installation. Make sure that there is sufficient clearance between the breather bracket, breather hose and any moving parts on the carburetor.

8. Install the breather hose, not included, routing the hose to either the air cleaner or crankcase breather filter as desired. Make sure there are no kinks in the hose.

**WARNING!:** Before operating motorcycle, be sure all hardware is tight.

## DRAG SPECIALTIES

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