



INSTRUCTIONS

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REV. 12-2-98

Kit Numbers 29308-93 and 29310-93

EVOLUTION 1340 BREATHER MANIFOLD KIT

General

Kit Part No. 29308-93 must be used when installing Screamin' Eagle 40mm Carburetor Kit, Part No. 29151-90 on 1993 and later 1340 models.

Kit Part No. 29310-93 must be used when installing Screamin' Eagle High Flow Air Cleaner Kit, Part No. 29008-90 on 1993 and later 1340 models.

Kit 29308-93 contains the following components:

QTY	DESCRIPTION
1	Clamp
3	Cable strap
2	Bracket, air cleaner
2	Banjo bolt
1	Manifold, engine breather
6	Washer
1	Hose

Kit 29310-93 contains the following components:

QTY	DESCRIPTION
3	Cable strap
2	Bracket, air cleaner
2	Banjo bolt
1	Manifold, engine breather
6	Washer

Installation

1. Remove stock air cleaner and backplate following the instructions given in the appropriate Service Manual.

CAUTION

Loosen each backplate-to-carburetor screw a few turns at a time while pulling backplate away from carburetor. This will prevent screws from engaging threads in backplate inserts. If screws engage insert threads, the inserts may be pulled out of backplate.

2. See Illustration. Locate banjo bolts (4) included with kit. Place one gasket (2) over each banjo bolt (4). Insert bolts through holes in mounting brackets (1). Place a second gasket (2) over bolts (4). Position manifold assembly (3) with manifold fitting toward rear of motorcycle. Insert banjo bolts (4) into housing in breather manifold. Install remaining gaskets (2) over the ends of banjo bolts (4).

NOTE

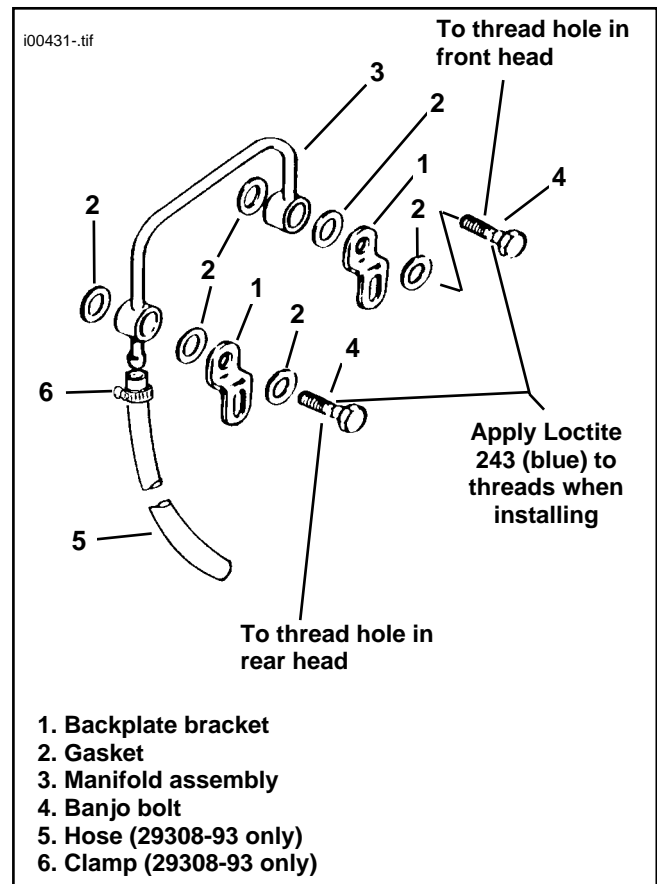
When installing banjo bolts in the next step, apply Loctite 243 (blue, HD P/N 99642-97, not included) to threads.

3. Apply Loctite 243 (blue) to banjo bolts (4) and, holding assembly together, insert banjo (4) bolts into tapped holes in cylinder head. Tighten each bolt a little at a time, until assembly is held loosely in place.

4. After installing the air cleaner backplate, as detailed in the instructions included with Screamin' Eagle 40mm Carburetor Kit, Part No. 29151-90 or Screamin' Eagle High Flow Air Cleaner Kit, Part No. 29008-90, tighten banjo bolts (4) to 10-12 ft-lbs torque. Tighten bolts holding backplate to brackets, until secure.
5. Locate hose (5) included with Kit 29308-93. Install one end on breather manifold fitting and secure with worm drive clamp (6) included with kit. Route per the instructions included with Screaming Eagle 40mm Carburetor Kit, Part No. 29151-90

NOTE

Hose routing for Kit 29310-93 is detailed in Screamin' Eagle Air Cleaner Instruction Sheet, Part No. 29008-90.



Evolution 1340 Breather Manifold Kit