BA-2070-13
BIG AIR KIT
KAWASAKI EFI MODELS

Revision: 1.1 - 07/10/2013

CAUTION! We Strongly recommend that a qualified technician install this kit if you do not completely understand the instructions prior to the install.

INSTRUCTIONS:

1. Remove fuel tank per Kawasaki service manual instructions. Note vent and drain hoses for later reconnection.

2. Remove both round chrome air filter covers, left and right side.

3. Remove left backing plate and mounting bracket.

4. Remove right side backing plate and ISC Valves (the valves will not be reinstalled).

Remove hoses from the two valves where they come into the backing plate. (A on Fig. 1)

Remove screws holding backing plate to the cross-over tube. (D on Fig. 1)

Remove remaining screws and pull backing plate from throttle body, pushing the hose out as you go.

Remove crankcase vent from rear of the backing plate. (D on Fig 2)

Disconnect electrical connection to the valves. (B on Fig 1 and C on Fig 2)

Remove Inlet Air Temperature Sensor from backing plate. (B on Fig 2)

5. The vent hose on the left side can be traced under left side cover to the canister. Disconnect hose and cap the canister nipple with one of the supplied rubber caps (California models only).

6. Now is the most difficult part of the installation - you must remove the cross over air tube from between the cylinders. Cut the flange off of the left side of the tube and pull out from right side - the more flange you can cut off the easier the removal will be. Note: You could remove the tube by first removing the throttle bodies and fuel injection system, but this will add approximately 3 to 4 hours to the job.

7. Install Inlet Air Temperature Sensor to the rear of new Baron backing plate.

8. Install intake adaptor to the throttle bodies with the supplied M6x12mm hardware.

9. Install backing plate to intake adaptor with supplied M6x12mm screws.

10. Attach crank vent hose to nipple on backing plate.

11. Plug in the electrical connection to the Inlet Air Temperature Sensor.

12. Plug the two steel tubes coming into backing plate center (that went to the ISC Valves) with supplied rubber caps.

13. Place 1/4 -28 bolts, 1/4" lock washers & black BAK spacers into center holes of backing plate from back. It may help to use some masking tape to hold them in place. 14. Install performance air filter onto backing plate,

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making sure edge fits into backing plate groove all the way around filter.

15. Insert aluminum filter spacers onto mounting bolts.

16. Install a fuel mapping device such as a Power Commander or TFI box according to the instructions provided with that product.

17. Reinstall fuel tank per service manual instructions.

Figure 1

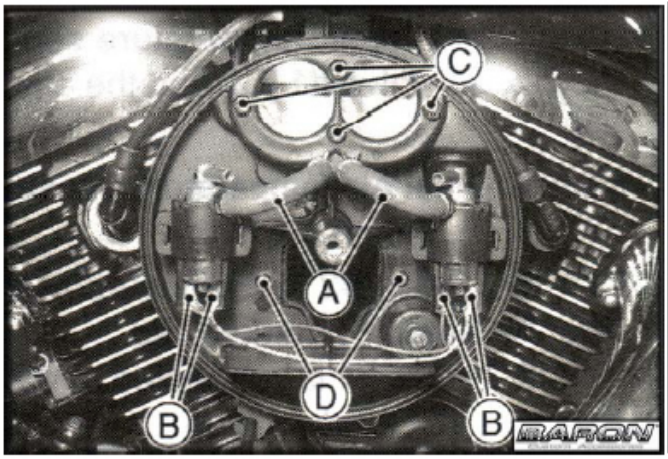
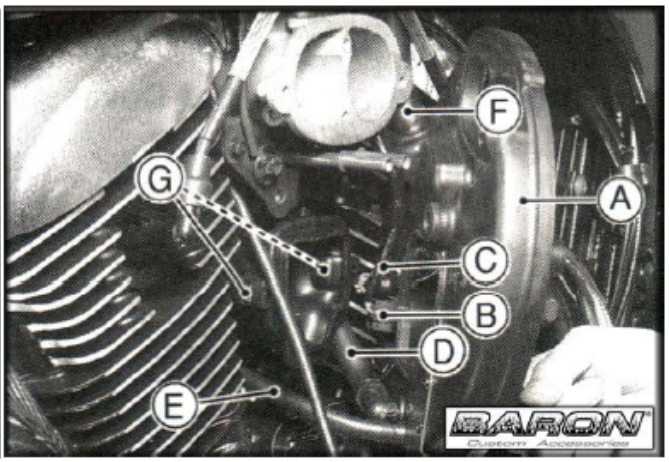


Figure 2



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