Air Injection System Removal Kit
Yamaha Road Star & V-Star 1100
BA-2521-00

READ ALL INSTRUCTIONS AND VIEW PHOTOS PRIOR TO INSTALLATION!
For correct installation of this product, please read and follow these guidelines

1. You will first need to remove the following items from your motorcycle: fuel tank, left side cover and rectifier/regulator.

2. Loosen hose clamp securing air injection head pipe line to each 90-degree elbow fitting in heads (Fig. A), then remove AIS pipe lines from bike. Next, remove air injection pump along with all associated rubber lines and brackets - for Road Star applications refer to Fig. B & C. On V-Star 1100s, the pump is located under left-side chrome cover near battery. Trace vacuum hose up to intake manifold, and remove hose, saving the clamp. **Install supplied rubber cap onto this vacuum tap using the stock clamp.** Reinstall rectifier/regulator to its stock location.

3. Use a large (minimum 12 inches) heavy-duty flat-blade screwdriver (or other suitable driver long enough to reach each 90-degree air fitting from right side of bike) (Fig. D). Insert the tool into elbow area of the air fitting (Fig. E), and FIRMLY drive the fitting from cylinder head with a hammer. **NOTE: The air fittings are very tight in the cylinder head.** We have found that when driving out the air fittings, the 90-degree joint may start to tear apart. If this happens, simply insert removal tool in hole in fitting (Fig. F) and continue driving out fitting. Sometimes fittings can be removed with a vice-grip type plier.

3a. On V-Star 1100 applications, you must remove right side frame tube by loosening foot rest and brake master cylinder bolts so they drop down out of the way. Then remove the two bolts on rear of the right frame piece and the upper two bolts near frame neck under plastic cover. There is no need to disconnect any hoses or wires, as the frame only needs to be moved aside to allow access to the cylinder head so the supplied hole plug may be driven in correctly. **NOTE: SKIPPING THIS STEP WILL RESULT IN CRACKING OF CYLINDER HEAD WHERE PLUG GETS DRIVEN IN! YOU CANNOT DRIVE THE PLUG IN STRAIGHT IF YOU SKIP THIS STEP.**

4. Once air fittings are removed from cylinder heads (and frame section is clear on V-Star 1100 models), insert supplied Baron self-centering aluminum hole plugs into air fitting holes (Fig. G) and push into holes by hand as far as possible. Using a hammer, along with the supplied Baron aluminum drift, firmly drive these plugs into cylinder head **until fully seated** (Figs. H & I)

5. Reinstall fuel tank and right side cover. Installation is now complete.

**WARNING:** This product is not DOT/EPA approved and is not for use on public highways. This product is intended only for off-road/closed-course racing use only. **This product is intended for installation on Yamaha Road Star and V-Star 1100 models only. Baron accepts no responsibility for any damage incurred when installing this product on any other motorcycle.**

Our install guides provide a basic outline on the proper installation of our products. Further tuning and/or fitment may be required. Baron bears no responsibility on installation costs associated with this product.

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Air Injection Removal Kit
Installation Photos

Figure A

Figure B

Figure C

Figure D

Figure E

Figure F

Figure G

Figure H

Figure I