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Yamaha Banshee Billet Head Installation Instructions

<u>Quantity</u>	<u>ADA Part#</u>	<u>Description</u>
1	YB350	Billet head shell
2	YB35cc	Domes, (last 2 #'s = dome volume)
2	OR020	Upper dome o'ring - groove in dome
2	OR024	Upper dome o'ring - groove in shell
2	OR039	Compression o'ring - viton
2	OR046	Outer head shell o'ring - water sealing
10	HW8MMACRN	8mm acorn nut
10	HW8MMFLT	8mm flat washer
10	OR600-442-516	5/16" o'ring washer

Note: Do not use the stock head gasket. Also, silicone is not necessary on the head or cylinder surface.

Installation Procedure

- 1) Drain coolant from radiator. Remove stock head and gasket, then clean the top surface of the cylinder.
- 2) Install all o'rings in the ADA billet head, use small amounts of grease to hold them in place, do not use super glue or silicone.
- 3) Apply a small amount of grease to the small (OR020) o'ring at the top of the dome. This will allow the dome to easily slip into the head shell. Be careful when turning the head upside down to install onto the cylinder, as the domes can slide out of the head shell.
- 4) Make sure all the o'rings are in place and set the head on top of the cylinder. You must be sure that none of the o'rings slipped out of their groove, as this will cause an o'ring to get pinched and a water and/or compression leak could result.
- 5) Apply grease on both sides of the 5/16" o'ring washers, then install them onto the studs. Then install the 8mm flat washers. Now hand tighten the 8mm acorn nuts onto the studs.
- 6) Torque all of the 8mm nuts to 15ft/lbs, in a center-out criss-cross pattern. Now, torque them again to 18ft/lbs. After the 1st time out riding the head should be re-torqued again.
- 7) Re-install coolant hoses onto both sides of head. Securely tighten both hose clamps.
- 8) Re-fill radiator with coolant. After running for a few minutes, check for any leaks and re-torque head nuts.