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Kawasaki 900/1100 Billet Head Installation Instructions

<u>Quantity</u>	<u>ADA Part#</u>	<u>Description</u>
1	KA900	Billet head shell
3	KA90cc	900 Domes, (last 2 #'s = dome volume)
3	KD12cc	1100 Domes, (last 2 #'s = dome volume)
3	OR020	Upper dome o'ring - groove in dome
3	OR024	Upper dome o'ring - groove in shell
3	ORE603	900 Compression o'ring - viton
3	OR043	1100 Compression o'ring - viton
1	ORKA900	Outer head shell o'ring - water sealing
2	BF18PLG	1/8" npt brass plugs

Note:

On the 900 model you must remove the cylinder head locating dowel pins. On the 1100 this is not necessary. On both models, you must use aftermarket flame arrestors that do not hang over the cylinder head. The stock flame arrestor will NOT work.

Install the ADA Racing® billet cylinder head with the water outlets on the intake side.

Do not use silicone on any of the orings or surfaces!

Installation Procedure

- 1) Remove stock head and clean the top surface of the cylinder.
- 2) Remove the stock water fitting from the stock head and install it in the ADA Racing® billet head in the center cylinder location. Install the 1/8" npt brass plugs in the 2 outer cylinder locations.
- 3) Install all o'rings in the ADA Racing® billet head, use small amounts of grease to hold them in place, do not use super glue or silicone.
- 4) 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.
- 5) Make sure all the o'rings are in place and place the head on top of the cylinder with the water outlet on the intake side. You must be sure that none of the o'rings slip out of their groove, as this will cause an o'ring to get pinched and a water or compression leak could result.
- 7) Torque all of the nuts to 15ft/lbs, in a center-out criss-cross pattern. Now, torque them again to 18ft/lbs.
- 8) After the 1st time out riding the head should be re-torqued.
- 9) The 2 additional 1/8" npt holes in the ADA Racing® billet head come with brass plugs, but barbed fittings can be installed for custom water routing applications.