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Stealth Aluminum Cylinder Head Installation Instructions:

Thank you for purchasing Stealth Aluminum Cylinder heads from 440 Source. Before installing your heads, there are several details you should read and follow exactly to assure the best performance from your new heads.

#1. Head bolts used must include a hardened washer to avoid galling the cylinder head. When installing head bolts, you **MUST** use either ARP lube or 30 wt. oil on the threads and on both sides of the hardened washers. If using ARP lube, bolts must be torqued to exactly 60 ft/lbs. If using 30 wt. oil bolts must be torqued to exactly 70 ft/lbs. The bolts should be torqued in three equal steps, such as 20,40, 60 if using ARP lube, or 40, 55, 70 if using 30 wt. oil. We recommend re-torquing the head bolts after initial startup (once operating temp is reached and/or cam is broken in) and cool down.

#2. When torquing rocker shaft hold-down bolts, torque to 25 ft/lbs, using 30wt. motor oil on the threads.

#3. These heads use ¾" extended reach plugs (similar to a small block or Hemi), such as Champion RC12YC. Be sure to apply anti-seize lubricant to the plugs during installation, and torque to 10 ft/lbs.

#4. The pushrod channels in our Stealth heads are designed for factory diameter (5/16") pushrods. If you are using a larger diameter aftermarket (usually 3/8") pushrod and/or aftermarket (roller) rockers, depending on your specific combination, some slight clearancing of the pushrod channels (usually along the side of the intake port) may be required. We recommend mocking up your heads and valvetrain before final assembly in order to check if any additional clearancing is required. Clearancing can be easily performed with a die grinder or dremel tool if necessary.

#5. Prior to use, or before doing any additional modifications to these heads (such as porting, etc.) all areas of the heads should be thoroughly inspected. This includes valve seats & guides, port walls, deck surfaces, all threaded holes, etc.

If you have any further questions or problems feel free to contact us. We thank you once again for your purchase!