

- TIMING SHOULD BE SET SO IT NEVER ADVANCES PAST 32 DEGREES TOTAL ADVANCE
- WHEN PREPARING YOUR ENGINE FOR INSTALLATION DO NOT ATTACH THE VACUUM ADVANCE. THE DIRECT AND PORTED LINES ON THE CARBURETOR HAVE TO BE PLUGGED OFF. THE VACUUM CANISTER ON THE HEI DISTRIBUTOR MUST BE PLUGGED OFF AS WELL.

The following instructions are an exercise to check and recheck specifications.

### Preinstall Instructions Before Starting Engine

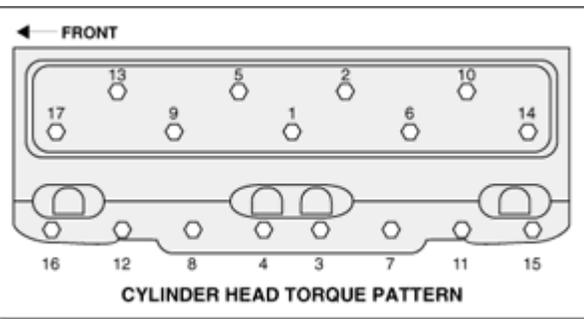
1. Retorque Heads
2. Retorque Intake
3. Verify distributor timing is on #1 cylinder
4. Remove any thermostat rated above 160 degrees. In cold climates use a 160 degree thermostat with two 1/8 inch holes drilled in the thermostat housing. In warm climates, use a restrictor plate that regulates the engine temperature no to exceed 190 degrees.

NOTE:

- A. The cooling system on your airboat installation is critical. Use the tried and proven system that we developed for the airboat industry.
- B. **WHEN PREPARING YOUR ENGINE FOR INSTALLATION DO NOT ATTACH THE VACUUM ADVANCE. THE DIRECT AND PORTED LINES ON THE CARBURETOR HAVE TO BE PLUGGED OFF. THE VACUUM CANISTER ON THE HEI DISTRIBUTOR MUST BE PLUGGED OFF AS WELL.**

### Preinstall Instructions After Starting Engine

1. **DO NOT ATTACH VACUUM ADVANCE.**
2. **TIMING SHOULD BE SET SO IT NEVER ADVANCES PAST 32 DEGREES TOTAL ADVANCE** when the engine is wide open, full throttle. This check can be made when the airboat is on the trailer, in an open field. Make sure your airboat is securely strapped to the trailer and that the trailer is secured to a vehicle. If this is confusing, please call us so we can assist.
3. Check oil pressure to make sure it is adequate.
4. Set RPM's at 800 to 900.
5. Engine water temperature should be 160 degrees. If greater than 190 degrees call factory. If less than 140 degrees call factory.



### Preinstall Instructions After One Hour Of Run Time

1. Change factory engine oil after first run. Avoid 40 and 50 weight oils.
2. Replace oil filter.
3. Check timing that it did not "jump timing" and stayed on 32 degrees max total advance when engine is wide open throttle.
4. Check your gauges for proper operation.
5. Check all hoses, clamps, and fittings for secure fits and proper tightness.
6. Check propeller bolts for proper torque.

Note:

When we deliver a unassembled engine package to you, it is automatically assumed in the industry that you have skills that are sufficient to understand installing a marine engine in an airboat application and that you are mechanically inclined to make a proper marine engine installation in an airboat application. The factory is always ready to assist you and answer questions, but you must call the get helpful advice. Remember there is a big difference in setting up an engine that is to be used in a marine environment than setting up an engine in a car or race car.

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