

# **Center State Engine, Inc**

**CENTERSTATEENGINE.COM**

## **New & Reman Marine & Automotive Engines and Components**

1. We have put forth great effort to build the best possible product, using quality parts and the latest equipment and with highly trained personnel. With this we offer this warranty.
2. Center State Engine warrants our New and Reman marine engines to the original purchase to be free of defective parts and workmanship for a period of 12 months. This warranty begins on the day of invoice.
3. This warranty is limited to the total amount of our charges for the work we performed. Distributor, water pump, fuel pump, carburetor, emission control devices, gaskets, seals, fluids and other things that we classify as accessories are not included. It is also limited to one replacement engine only.
4. Other exemptions are the following: a) Any partial operation, or machine only where the engine is assembled, by one of our employees at our shop. b) Any engine used in competition racing or related purposes. c) Any engines with melted or tampered heat level indicators (Heat Tabs). d) Engines used in any vehicle having any modifications of prop size, or gear ratios. e) Damage to a non-covered part(s) failure, or to a covered part(s) failure, or to a covered part(s) by a non-covered part(s) f) Damage caused by detonation, pre-ignition, improper tuning or timing. g) Engine with any aftermarket accessories such as, carburetor, intake manifolds, etc. h) Damage due to contamination of any kind. I) Overheating or lack of lubrication and Water Ingestion.
5. Each of the following renders void of warranty: a) Any engine, which has a melted heat tab that we apply to every rebuilt engine or any other damage clue as a result of overheating or lack of lubrication. b) Damage due to improper maintenance. (Oil & Filter must be changed after first 10 hours.) c) Damage due to improper or modified fuel. d) Damage from overheating caused by the failure of the cooling system including: waterpump, hoses connections fittings, drive belts, heater and by-pass hoses; thermostat, radiator or restricted circulation or contamination from oil coolers; or from any other cause.
6. Other conditions not covered: a) Damage due to the engine as a result of fire, accidents, abuse, negligence or objects striking it. Also any damage due to overheating, racing, etc... b) improper adjustments, modifications, tampering, disconnection, alterations or modifications, to the engine not complying the manufacturer's specifications. c) Any malfunctioning accessory (water pump, fuel pump, belts, hoses, carburetor, etc...) Engines in boats that hour meter is not working or show signs of being changed so that hours cannot be readily determined, d) Out of balance harmonic balance, flywheel, clutch, or any transmission related problems. Shipping on return or re-placement engine.
7. This warranty does not cover any expenses such as towing, lodging, alternate transportation, telephone, etc. Removal and installation is not covered or Center State Engine does not cover any other engine repairs without written approval.

8. If this warranty is not returned to us, filled out completely within 30 days, the warranty automatically will be converted to a 3-month warranty.
  9. Engines that do not qualify for this warranty extension are: (330,361,391,447), IH (345,392,549), all turbo and diesel engines, Mitsubishi, Vega, GMC (305-478), Saab, Cadillac 4.1L (252), Audi, BMW, Fiat, Mercedes, Jaguar, Triumph, VW, Volvo, Porsche, Austin Healy, MG, Rolls Royce, all other exotic, motor home, or industrial engines.
  10. This warranty is the only express warranty made by Center State Engine applicable to its engines. Any implied warranty of merchantability or fitness for a particular purpose applicable to such engines is limited to the duration and condition of this written warranty. CENTER STATE ENGINE shall not be liable for consequential or commercial damages resulting from breach of this warranty. This warranty is not valid until all spaces below have been affixed and is not transferable.
  11. The total of all benefits paid or payable under shall not exceed the lesser of: a) the price of the engine plus 10 hours labor at \$40- per hour (this does not include misc., parts and labor). **OUR liability shall not exceed the price YOU paid for the engine. Any claim for more than the above will be denied.**
  12. Warranty:
    - a) A labor allowance of \$50.00 per hour for field repair work will be paid according to the time to perform such work as listed in CHILTON'S FLAT RATE at the WARRANTY or Center State Engine ALLOTTED TIME ONLY. This labor allowance will only be paid for engines found defective due to poor workmanship or defective parts ONLY. No labor will be paid due to abuse or negligence or non-mfg Defects and does not include shipping.
    - b) Labor for replacing our engines found to be defective, due to poor workmanship or defective parts couldn't exceed \$500.00 or 10 hours for long blocks, and \$220.00 for short blocks.
  13. Maintenance Requirements:
    - a) YOU must, at your own expense have the valves readjusted (if necessary), and the oil and filter changed at 10 hours of engine use. Failure to have these services performed will VOID this warranty.
    - b) YOU must have the engine oil and filter changed every four (4) months or 50 hours WHICHEVER OCCURS FIRST.
    - c) Keep a record of the maintenance performed, and keep receipts and work orders. Make sure that the parts labor, date, hours, and services performed are written on the receipts.
    - d) Oil coolers must be replaced and a copy of this must be supplied with the warranty to complete the warranty if applicable.
  14. Attorney Fees: If Center State Engine of this warranty institutes legal action relating to the validity, enforceability, or alleged breach. Any formal litigation must take place in Ocala FL by either party. Any suites filed elsewhere will be non-binding and considered breach of warranty.
- 

**WARRANTY INFORMATION TO:  
PO BOX 3668 CRANSTON, R.I. 02910  
1-877-639-2881**

IN EVENT OF A BREAKDOWN

Follow these claims procedures:

1. YOU must call Center State Engine for instructions prior to proceeding with any repairs.
2. YOU must present this limited warranty and required proof of maintenance to the repair facility. We will only pay an ASE Certified Technician.
3. YOU must, prior to proceeding with repairs, insure the repair facility calls Center State Engine with an estimate of repairs and receives an authorization number from Center State Engine.

IMPORTANT!

YOU assume all liability for the payment of unauthorized repairs.

Liability for teardown rests with you on non-covered parts.

Failure to follow the above procedures will cause delays in authorizing your repair.

\*\*\*PLEASE PRINT

Signature: \_\_\_\_\_

Owners Name: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_

Zip Code: \_\_\_\_\_ Phone: \_\_\_\_\_

Installed by: \_\_\_\_\_ Invoice/Date: \_\_\_\_\_

VIN or Serial number: \_\_\_\_\_ Hours : \_\_\_\_\_

Limit of Liability: Engine & \$480– 12 Months/Unlimited Hours  
(See #11 above)

I have read, understand and agree to the terms and conditions of this limited engine warranty.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

\*\*Please return one copy of this page and a copy of oil cooler purchase if motor warrants to Center State Engine to validate your warranty if applicable. 3/00

---

**SEND WARRANTY INFORMATION TO:  
P.O. Box 3668 – Cranston, R.I. 02910  
1-877-639-2881**

\*Please Sign & Return

IN EVENT OF A BREAKDOWN

Follow these claims procedures:

1. YOU must call Center State Engine Exchange Inc. for instructions prior to proceeding with any repairs.
2. YOU must present this limited warranty and required proof of maintenance to the repair facility. We will only pay an ASE Certified Technician.
3. YOU must, prior to proceeding with repairs, insure the repair facility calls Center State Engine Exchange Inc. with an estimate of repairs and receives an authorization number from Center State Engine Exchange Inc.

IMPORTANT!

YOU assume all liability for the payment of unauthorized repairs.

Liability for tear down rests with you on non-covered parts.

Failure to follow the above procedures will cause delays in authorizing your repair.

\*\*\*PLEASE PRINT

Signature: \_\_\_\_\_

Owners Name: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_

Zip Code: \_\_\_\_\_ Phone: \_\_\_\_\_

Installed by: \_\_\_\_\_ Invoice/Date: \_\_\_\_\_

VIN or Serial number: \_\_\_\_\_ Hours : \_\_\_\_\_

Limit of Liability: Engine & \$400– 12 Months/Unlimited Hours  
(See #11 above)

I have read, understand and agree to the terms and conditions of this limited engine warranty.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

\*\*Please return one copy of this page and a copy of oil cooler purchase if motor warrants to Center State Engine Exchange Inc. to validate your warranty if applicable. 3/00

**SEND WARRANTY INFORMATION TO:  
P.O. Box 830178 – Ocala, FL 34483  
1-877-639-2881**

# YOUR LIMITED WARRANTY

## A MUST READ DOCUMENT

We warrant our engines assemblies for a period of twelve (12) months/unlimited miles against defects in materials and workmanship, but we limit our liability to our replacement of defective material supplied by us, NO LABOR REIMBURSEMENT IS IMPLIED OR INTENDED. We will not be responsible for damage to parts which were not furnished by us. We will not be liable for damage to parts which we not furnished by us. We will not be liable for damage to cylinder head assemblies due to improper installation, lack of lubrication, overheating, or the presence of foreign material, dirt, etc.

The obligations assumed under this warranty are limited and are in lieu of all other expressed obligations, warranties, or guarantees. All implied warranties which may be applicable to this item are hereby limited in duration to the warranty period herein granted.

## ***THE FOLLOWING IS VERY IMPORTANT***

*All cylinder heads have a HEAT TAB attached to them by a special aluminum paste.*

### **HEAT TABS DO NOT FALL OFF.**



If the heat tab on the left IS, melted, distorted, and/or dimpled, this condition **VOIDS** the warranty.

This center is OK, NOT melted, distorted and/or dimpled in any way.

A HEAT TAB IS A ROUND METAL DISK WITH A SPECIAL CENTER MATERIAL THAT IS DESIGNED TO MELT, DISTORT, OR DIMPLE IS THE CYLINDER HEAD EXCEEDS A SAFE OPERATING TEMPERATURE.

**WARRANTY IS VOID IF THE HEAT TAB IS MISSING, MELTED, DISTORTED, OR DIMPLED IN ANY WAY.**

- **CRACKS IN A CYLINDER ARE THE RESULT OF A PROBLEM, NOT THE CAUSE**
- **A WARPED CYLINDER HEAD IS A RESULT OF A PROBLEM, NOT THE CAUSE.**

## MARINE ENGINE BREAK-IN PROCEDURES

### “Break-In” Procedures for 4-cycle GM/MerCruiser Engines

**IMPORTANT:** The first 20-hours of operation will have a dramatic affect relative to overall engine performance and expected engine life. Proper break-in practices reduce the potential for excessive oil consumption. It also helps to achieve better engine performance levels for a longer period of time.

#### FIRST 20-HOURS:

1. Change Oil & Filter after First **10-15 hours** of use.
2. ALWAYS let the engine warm up to normal operating temperature before accelerating.
3. Avoid fast accelerations and don't carry or pull a heavy load during this period.
4. Check the engine oil frequently.
5. During the 1st 50-100 hours, the engine can use more oil than usual. Maintain oil at proper level but do NOT overfill.
6. Vary the boat speed during break-in.
7. Do not run on the same RPM for very long.
8. Vary the boat speed during break-in.
9. Observe gauge readings and check for loose mountings, fittings, nuts, bolts, and clamps.
8. Vary the boat speed during break-in.

#### BREAK IN STEPS:

1. For the 1st hour, do not exceed 2000 RPM and vary RPM continuously.
2. For the 2nd hour, do not exceed 3000 RPM.
3. For the next 5 hours, do not exceed 4000 RPM.
4. After the first 10 hours of operation, change your engine oil and oil filter and have an engine checkup. If you do not know how to do this procedure, then have a certified mechanic or boat dealer properly do this.
5. During the final ten hours of break-in, after warming the engine to operating temperature, it is permissible to operate at full throttle for five to ten minutes at a time. Momentarily reduce then increase engine speed to assist break-in of rings and bearings.
6. Occasionally reduce engine speed to idle to provide cooling periods.
7. After the break-in, your engine may be operated at any RPM within the limits for the engine.
8. Vary the boat speed during break-in.
9. Observe gauge readings and check for loose mountings, fittings, nuts, bolts, and clamps.
8. Vary the boat speed during break-in.

#### ENGINE OIL REQUIREMENTS:

- Center State Engine recommends using 15W40 Oil meeting the API specifications of SJ/CH4/CG4 is acceptable.
- Penzoil Marine 15W-40 is recommended.
- Synthetic oil that meets the API specifications of SJ/CH4/CG4 is acceptable to use AFTER 100 hours of operation with the recommended conventional oil.

**AFTER FIRST 20-HOURS:**

To help extend the engine life for a new GM/MerCruiser engine, consider the following recommendations.

1. Refrain from extended periods of Wide-Open-Throttle. We recommend cruising at  $\frac{3}{4}$  throttle or below for longer term operation.
2. Change the oil and filter regularly.