

## Application for Warranty Transfer

The remaining Ironclad warranty in effect can be transferred with the sale of the vehicle in which the engine was originally installed. To transfer the warranty, include the following information and return it within 15 days of ownership change, along with a check or money order for \$25.00, made payable to:

NAPA Ironclad Remanufactured Engines  
1102 W. N. Carrier Pkwy., Suite 100  
Grand Prairie, TX 75050

\*If GSA Transfer \$55.00

**IMPORTANT!** You must include the following information to transfer the Ironclad warranty:

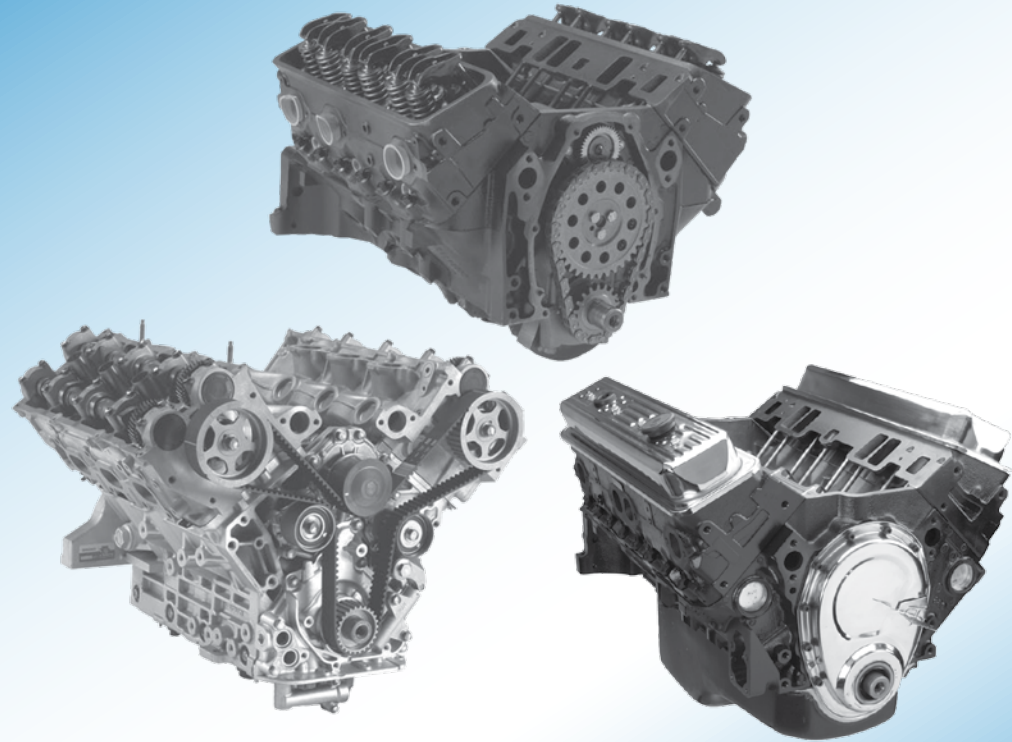
- Original Owner's Name, Address and Phone Number
- New Owner's Name, Address and Phone Number
- Vehicle Make, Model & V.I.N. (Vehicle Identification Number)
- Engine Type and Serial Number
- Date of Sale and Vehicle's Mileage

### Warranty Registration

To register and validate your warranty, please call 800-831-5947. To register and validate your warranty online, please go to [www.atkvege.com](http://www.atkvege.com). and select "Product Registration" from the menu bar.

**Affix Label Here**

Warranty Registration Date: \_\_\_\_\_



## Remanufactured Engine Owner's Manual



LIMITATIONS: This warranty applies to products originally supplied by Ironclad.

This warranty does not apply to any of the following:

- A. Damage as a result of OVERHEATING, LACK OF LUBRICATION, FUEL WASH OR CONTAMINATION.
- B. Damage resulting from PRE-IGNITION or DETONATION. This includes but is not limited to melted or broken pistons, broken piston rings, damaged cylinder heads, leaking head gaskets, etc. For more information regarding pre-ignition and detonation please contact our Customer Service Department at 1-800-831-5947.
- C. Repair or replacement required as a result of any accident or misuse.
- D. Repair or replacement of any accessory or service item, including specifically but not limited to: all components of the cooling, fuel, electrical and ignition systems in addition to all belts, hoses and filters.
- E. Any product used for competition, racing or related purposes.
- F. Any product to which a device or accessory not conforming to original manufacturer's specifications has been installed.
- G. Damage as a result of electrolysis, including but not limited to, deterioration of engine components as a result of excessive electrical current or improperly maintained coolant, and/or any product on which periodic maintenance services required by the original manufacturer have not been performed.
- H. Crankshaft Thrust Surface worn due to excessive forward pressure placed on the rear of the crankshaft.
- I. Damage resulting from improper repair(s) or attempted repair(s) by any service technician.

#### LIMITED LIABILITY:

Ironclad's liability under this warranty is limited solely to the repair or replacement of the defective product. Ironclad shall not be liable for any incidental, special, consequential or exemplary damages, including but not limited to rental cars, towing fees or for any service not expressly provided for herein, relating to or arising from the Ironclad product.

LIMITED WARRANTY: This warranty is given in lieu of all other warranties, expressed or implied, including any warranty of merchantability, or fitness for a particular purpose, on the part of Ironclad or the dealer installing the engine. No dealer nor any agent or employee thereof, is authorized to extend or modify this warranty.

#### LABOR PAYMENTS:

Ironclad authorized repairs will be compensated at a rate not to exceed the Mitchell Repair Manual's published applicable flat rate schedule. Hourly rates for all authorized labor claims will be paid in accordance with the original installation rate, not to exceed \$50.00 per flat rate hour. Do-it-yourself repairs, and repairs performed by unlicensed repair facilities do not qualify for labor reimbursement.

#### GSA APPROVED PAYMENTS:

Ironclad approved repairs will be compensated at a rate not to exceed the Mitchell, Manual published flat rate schedule. Under this GSA hourly rates for all approved labor claims performed by licensed repair facilities will be paid at their posted labor rate, not to exceed \$85 per flat rate hour. MARINE: Under this GSA the maximum compensation for all approved repairs on Marine engines is \$700. DIY: Under this GSA, hourly rates for all approved labor claims for do-it-yourself repairs, and repairs performed by unlicensed repair facilities will be paid at a rate not to exceed \$30 per hour, and not to exceed the Mitchell Manual published flat rate guide.

#### PARTS PAYMENTS

Ironclad authorized repairs will have parts reimbursed at the original purchase price. Proof of purchase may be required. Fluid and filter costs will be reimbursed for the first 2,000 miles of service, on approved claims only.

**It's Not too Late!  
You can still get  
GSA Coverage**



## Gold Seal Supplemental Warranty Coverage

*The industry's strongest warranties just got stronger!*

NAPA remanufactured engines are already covered by the strongest warranties in the business. For even greater protection, you can now purchase NAPA #GSA1 (Gold Seal Agreement), an optional warranty supplement that will increase your warranty coverage on approved claims to include the following:

**Increases Hourly Labor Rates** - Reimbursement from NAPA's standard rate of \$50 to a maximum of \$85 per flat rate hour.

**Rental Car Expense** - Covers rental car reimbursement up to 5 days @ \$30 per day... to a total of \$150.

**Towing Coverage** - Towing expenses reimbursed up to \$100.

**Fluids** - Cost of fluids is reimbursed up to \$25.

For full details on the NAPA Ironclad Gold Seal Service Agreement, contact your local NAPA AUTO PARTS store.

## - Remanufactured Engines -

### Break-in Procedures, Owner/User Obligations, Maintenance

Ironclad engines are designed to provide years of trouble-free service. In order for your Ironclad remanufactured engine to perform to our mutual expectations, it must be installed correctly, driven responsibly and properly maintained. Once the engine has been installed, it is the owner's/driver's responsibility to break-in the engine properly. After the break-in period and 600 miles checkup, the engine must be maintained to the original manufacturer's specifications. If you have questions regarding these instructions please contact your local NAPA AUTO PARTS store.

### Initial Startup

When applicable, valves must be readjusted to your vehicle's manufacturer's specifications. Due to various component designs, cylinder head retorque may or may not be required in your vehicle's specific application. Refer to the factory shop manual.

### Break-in Procedures

Your Ironclad remanufactured engine requires special care during its initial "break-in" period. To ensure your engines long life expectancy and proper engine performance, please follow these procedures during the first 600 miles of operation:

- **Do not drive for long periods at any single speed, always vary your speed.**
- **Do not tow a trailer or put other heavy loads on the vehicle.**
- **Check the engine oil and coolant levels daily.**
- **600 miles Checkup:**
  - **Check fuel and ignition settings.**
  - **Change engine oil and filter.**
  - **Adjust Valves, retorque cylinder head(s), where applicable.**

*Please retain all service records (repair orders, invoices, etc.) related to engine maintenance and service. In the event of an engine failure you will be required to provide copies of installation invoice and all engine maintenance records.*

*Failure to perform these procedures can result in engine damage that may not be covered under your warranty.*

## Ironclad Remanufactured Engine Limited Warranty

*Ironclad warrants to the original purchaser that each engine sold by Ironclad shall be free of defects in material and workmanship under normal use and with periodical maintenance as set forth by the original manufacturer subject to the following terms and conditions.*

### DEFINITIONS:

Engine: As used in this warranty refers to the remanufactured assembly (basic block, cylinder head and internal components) as supplied by Ironclad. Cylinder Head: As used in the warranty refers to the remanufactured cylinder head including those parts and accessories as supplied by Ironclad.

### TERM:

STANDARD WARRANTY: Please refer to the label affixed to page 8 of this owner's manual for the standard warranty term of this engine. The information on this label applies only to the *term* of the warranty; all other terms and limitations of the warranty are as follows. Warranty term begins on date of installation or within 10 days of original purchase date. The standard warranty applies to all Ironclad engines with the following exceptions:

EUROPEAN and DIESEL ENGINES and extreme use engines carry a warranty term of 12 Months or 12,000 miles whichever occurs first.

HM Part Number DIESEL ENGINES carry a warranty term of 2 Years, unlimited miles.

VEHICLES OVER 11,000 GVW (Gross Vehicle Weight) carry a warranty term of 12 months or 12,000 miles whichever occurs first.

MOTORHOMES: Class A or Motorhomes over 11,000 GVW are NOT COVERED by the Ironclad warranty. Ironclad expressly does not offer engines for these applications. Please be aware that only engines designed expressly for large motorhomes should ever be used in such an application. Ironclad does not catalog nor prepare engines for these applications and therefore takes no responsibility when an Ironclad engine is used in this manner.

MARINE: Engines cataloged and sold as Marine Engines are specially prepared for this use and carry a warranty term of 12 Months with a maximum labor liability of \$350. Engines used in marine applications that are not cataloged carry a warranty term of 30 days with no provision for labor claims. Ironclad does not recommend engines be used as marine engines unless cataloged as such.

FARM, LIFT TRUCK and INDUSTRIAL applications carry a warranty term of 12 Months with a maximum labor liability of \$350.

PRODUCT REPLACED UNDER WARRANTY: Product replaced under warranty carries the remainder of the original product's warranty term.

STANDARDS: Subject to limitations listed herein. Ironclad, at its option, shall repair or replace a product within the warranty term after determination by Ironclad that the product is defective. All products are to be returned to Ironclad for inspection. Products not returned to Ironclad will not be warranted. All repairs and/or replacements covered by this warranty must be authorized by Ironclad. Unauthorized repairs will not be paid. Inspected products that are not covered by this warranty will be held in storage for a period of 60 days. After 60 days product will be disposed of.