



® *Premium Quality Remanufactured Products*

PRODUCT WARRANTY INFORMATION

Congratulations on your decision to purchase a quality product from NAPA® Ironclad. We appreciate your business and confidence in the NAPA® Ironclad brand, our products, and our personalized customer service and support.

This document explains, in detail, the warranty coverages that apply to the product you've purchased. Please keep it available for future reference.

Important information you should know

KNOW WHEN YOUR WARRANTY BEGINS

Your warranty period begins as of the date of first installation or 10 days following the original purchase date, whichever comes first. The warranty period continues for the period of time specified in the table on page 5.

REGISTERING YOUR WARRANTY

While warranty registration is not necessary to obtain warranty coverage on NAPA® Ironclad products, we strongly suggest that you register your product. Information on registering your product is available on page 9.

If you do not register your product, you must save your proof-of-purchase receipt. If you're not able to provide proof of the initial purchase date at the time of warranty service, the manufacturing date of the product will be used to determine the warranty period.

WHAT THIS WARRANTY COVERS

This warranty covers issues related to defective material and/or workmanship of the purchased product only. It does not cover the replacement or refund of the equipment in which the product may be installed.

NAPA® Ironclad shall not be responsible for lost profits (sales or income) or injury to person or property,

towing charges, storage fees, telephone calls, freight, substitute transportation, lodging, or unauthorized repairs. Your sole and exclusive remedy against NAPA® Ironclad for breach of contract, warranty, or performance shall be for the repair or replacement of the purchased product as set forth in this document.

MAINTAIN YOUR VEHICLE PROPERLY

It is your responsibility to make sure that all of the scheduled maintenance is performed and that materials used for maintenance meet engineering specifications. Failure to perform scheduled maintenance as specified may invalidate warranty coverage on your product.

IF YOU NEED CUSTOMER ASSISTANCE

When you need warranty repairs, you have the freedom to use the Licensed Automotive Repair Facility of your choice. You may also visit <https://MyCarCare.info> and select Warranty Claims or contact NAPA® Ironclad Customer Service at 800-831-5947 regarding warranty service information.

NAPA® Ironclad product warranty policy

LIMITED WARRANTY

NAPA® Ironclad will repair or replace, free of charge, any part of the product that is defective in material or workmanship or both.

Transportation charges on products submitted for repair or replacement under this warranty will be covered by NAPA® Ironclad. This warranty is effective for and is subject to the time periods and conditions stated in this warranty document. For warranty service, please visit <https://MyCarCare.info> and select Warranty Claims or contact Customer Service at 800-831-5947.

This is NAPA® Ironclad's only express warranty. Warranties implied by law, including those of merchantability and fitness for a particular purpose, are limited to one year from purchase (to the extent permitted by law), and all other implied warranties are excluded. NAPA® Ironclad shall not be liable for incidental or consequential damages to the extent exclusion is permitted by law.

Some states or countries do not allow limitations on how long an implied warranty lasts, and some states

or countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation and exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state and country to country.

GOVERNING LAW AND VENUE

The terms and provisions of this limited warranty shall be governed by and construed according to the laws of the State of Illinois, without reference to its rules relating to choice of law provisions. Any action at law, suit in equity or judicial proceeding for the enforcement of this limited warranty or any provision thereof shall be brought exclusively before the United States District Court for the Northern District of Illinois or any state court sitting in Cook County, Illinois.

This limited warranty gives you specific legal rights. You may also have other rights, which vary from state to state.

STANDARD WARRANTY TERMS

Commercial Fleet Applications	
Automobiles and Light Trucks less than 11,000 lbs. Gross Vehicle Weight	- 4 years, unlimited miles - \$50/hour labor reimbursement
Medium/Heavy Duty Trucks 11,000 lbs. Gross Vehicle Weight or heavier	- 12 months, 12,000 miles - \$50/hour labor reimbursement

Compressed Natural Gas (CNG) Engines	
Automobiles and Light Trucks less than 11,000 lbs. Gross Vehicle Weight	- 4 years, unlimited miles - \$50/hour labor reimbursement
Medium/Heavy Duty Trucks 11,000 lbs. Gross Vehicle Weight or heavier	- 12 months, 12,000 miles - \$50/hour labor reimbursement
Stationary Engines	- 12 months, 2,000 hours - \$50/hour labor reimbursement - \$350 reimbursement cap

Cylinder Heads	
Cylinder Heads	- 12 months, 12,000 miles - \$50/hour labor reimbursement
Bare heads sold	- Fit and finish only - No labor reimbursement

Differentials (Transaxles)	
Automobiles and Light Trucks less than 11,000 lbs. Gross Vehicle Weight	- 3 years, unlimited mileage - \$50/hour labor reimbursement
Medium/Heavy Duty Trucks 11,000 lbs. Gross Vehicle Weight or heavier	- 12 months, 12,000 miles - \$50/hour labor reimbursement

Farm, Lift Truck, and Industrial applications	
Farm, Lift Truck, and Industrial applications	- 12 months, unlimited hours - \$50/hour labor reimbursement - \$350 reimbursement cap

Gasoline Engines	
Automobiles and Light Trucks less than 11,000 lbs. Gross Vehicle Weight	- 4 years, unlimited mileage - \$50/hour labor reimbursement
Medium/Heavy Duty Trucks 11,000 lbs. Gross Vehicle Weight or heavier	- 12 months, 12,000 miles - \$50/hour labor reimbursement

High Performance	
High Performance	- 2 years, unlimited mileage - \$42/hour labor reimbursement - \$350 reimbursement cap
Short block	- 90 days - No labor reimbursement
Bare block	- Fit and finish only

Marine Engines	
Marine Engines	- 18 months, unlimited hours - \$50/hour labor reimbursement - \$800 reimbursement cap

Transfer Cases	
Automobiles and Light Trucks less than 11,000 lbs. Gross Vehicle Weight	- 3 years, unlimited miles - \$50/hour labor reimbursement
Medium/Heavy Duty Trucks 11,000 lbs. Gross Vehicle Weight or heavier	- 18 months, 18,000 miles - \$50/hour labor reimbursement

Transmissions	
Automatic Transmissions less than 11,000 lbs. Gross Vehicle Weight	- 3 years, unlimited miles - \$50/hour labor reimbursement
Automatic Transmissions – Road Ripper series less than 11,000 lbs. Gross Vehicle Weight	- 18 months, 18,000 miles - \$50/hour labor reimbursement
Automatic Transmissions 11,000 lbs. Gross Vehicle Weight or heavier	- 18 months, 18,000 miles - \$50/hour labor reimbursement
Manual Transmissions	- 12 months, 12,000 miles - \$50/hour labor reimbursement - \$300 reimbursement cap

There may be additional warranty coverage that was not determined at time this list was created. For the current warranty terms for your product, visit NAPAIroncladEngines.com. To establish a warranty claim, visit <https://MyCarCare.info> and select Warranty Claims or contact Customer Service at 800-831-5947.

About your warranty

NAPA® Ironclad welcomes warranty repairs and extends apologies to you for any inconvenience.

You have the freedom to use the Licensed Automotive Repair Facility (FACILITY) of your choice. Any FACILITY may perform warranty repairs.

Most warranty repairs are handled routinely, but sometimes requests for warranty service may not be appropriate. If you disagree with the decision of an NAPA® Ironclad Warranty Technician and/or the FACILITY, an investigation will be made to determine whether the warranty applies.

In this case, ask the FACILITY to submit all supporting facts to NAPA® Ironclad for review. If NAPA® Ironclad decides that the claim is justified, you will be fully reimbursed for those items that are defective. To avoid misunderstanding, some of the causes of engine failure that the warranty does not cover are listed below.

NORMAL WEAR

Our products, like all mechanical devices, need periodic parts service and replacement to perform correctly. NAPA® Ironclad's warranty will not cover repair when normal use has exhausted the life of any part of our product.

Additionally, NAPA® Ironclad's warranty would not apply if damage to the product has occurred because of misuse, lack of routine maintenance, shipping, handling, warehousing, or improper installation. Similarly, our warranty is void if the serial number of the product has been removed or the product has been altered or modified.

IMPROPER MAINTENANCE

The life of a mechanical device depends upon the conditions under which it operates and the care it receives. Wear, when caused by dirt, dust, spark plug cleaning grit, or other abrasive material that has entered the engine because of improper maintenance, is not covered by warranty.

DO-IT-YOURSELF INSTALLATION AND REPAIRS

DIY installations, DIY repairs, repairs performed by unlicensed repair facilities, or repairs made to units not originally installed by a Licensed Automotive Repair Facility **do not** qualify for labor reimbursements. Warranty repairs must be completed by Licensed Automotive Repair Facilities.

WHAT THIS WARRANTY DOES NOT COVER

NAPA® Ironclad's warranty **does not** extend to repairs required because of:

1. Problems caused by parts that are not NAPA® Ironclad parts.
2. Damage as a result of overheating, lack of lubrication, fuel wash, or contamination.
3. Damage resulting from pre-ignition or detonation, including but 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 coverage, please contact Customer Service at 800-831-5947.
4. Repair or replacement required as a result of any accident or misuse.
5. 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.
6. Any product used for competition, racing, or related purposes.
7. Any product to which a device or accessory is installed that does not conform to the original manufacturer's specifications.
8. Damage as a result of electrolysis, including but not limited to, deterioration of engine components as a result of excessive electrical current, including corroded freeze plugs, head gaskets, cylinder heads, or blocks.
9. Improperly maintained or incorrect coolant and/or any product on which periodic maintenance services required by the original manufacturer have not been performed.
10. A crankshaft thrust surface that is worn due to excessive forward pressure placed on the rear of the crankshaft.
11. Damage resulting from improper repair(s) or attempted repair(s) by any service technician.
12. Leaking carburetors, clogged fuel pipes, sticking valves, or other damage, caused by using contaminated or stale fuel.
13. Parts which are scored or broken because an engine was operated with insufficient or contaminated lubricating oil or an incorrect grade of lubricating oil. Engine damage may occur if oil level is not properly maintained. Check and refill when necessary, and change at recommended intervals.
14. Repair or adjustment of associated parts or assemblies such as clutches and transmissions.

15. Damage or wear to parts caused by dirt, which entered the engine because of improper air cleaner maintenance, re-assembly, or use of a non-original air cleaner element or cartridge. At recommended intervals, clean and/or replace the filter as stated in your vehicle's operator's manual.
16. Engine or equipment parts broken by excessive vibration caused by a loose engine mounting, improper attachment of equipment to engine crankshaft, or other abuse in operation.
17. Lack of routine tune-ups or adjustments of the engine.
18. Engine or engine component failure (e.g., combustion chamber, valves, valve seats, valve guides, or burned starter motor windings) caused by the use of alternate fuels such as liquefied petroleum, natural gas, altered gasolines, etc.
19. Products used in a manner that violates the terms of the NAPA® Ironclad's warranty or are used for purposes other than their original intended use.

This warranty does not apply to products installed on any recreational vehicles over 11,000 lbs. Gross Vehicle Weight, which includes most Class A, Class B, and Class C motorhomes and bus conversions. Additionally, products used in competitive racing or on commercial or rental racetracks are not covered.

NAPA® Ironclad's warranty does not cover products if they are used in an application for which they were not engineered (e.g., using standard gasoline engines in a marine application).

PRODUCT REPAIRS OR REPLACEMENTS

All repairs and/or replacements to the product must first be authorized by NAPA® Ironclad before the repair or replacement takes place. NAPA® Ironclad will not pay for any unauthorized repairs.

NAPA® Ironclad, at its option, will repair or replace a product once it determines that the product is defective. For a product to be determined defective, it must be sent to NAPA® Ironclad

for inspection. NAPA® Ironclad will schedule the pickup of the product and pay for its transportation. Any products that are not returned to NAPA® Ironclad for inspection will not be covered by this warranty.

Products sent to NAPA® Ironclad for inspection that are deemed not covered by warranty will be held in storage for a period of seven (7) days. After seven days, products will be disposed of by NAPA® Ironclad. (*Effective Jan 1, 2011.*)

Replacement products must be of the same displacement as the original products. These are VIN-specific.

Pre-paid transportation for part returns under this warranty is limited to domestic United States shipments.

Any product replaced under warranty carries the remainder of the original product's warranty term.

LABOR PAYMENTS FOR APPROVED CLAIMS

Authorized repairs will be reimbursed at a rate not to exceed the Mitchell® Repair Manual published applicable flat-rate schedule. Hourly rates for all authorized repairs will be paid in accordance with rate paid for the original installation but not to exceed the hourly rates set forth for your product in the table on page 5.

Coverage excludes labor for removal of accessories that are not specific to the original manufacturer chassis.

DIY repairs and repairs performed by unlicensed repair facilities will not be reimbursed.

PAYMENT FOR WARRANTABLE PARTS

Covered parts on approved claims will be reimbursed at the purchase price. Proof of purchase is required—a 20% deduction will be incurred for claims without the original parts bill.

Fluid and filter replacement costs will only be reimbursed for the first 2,000 miles of service.

Please retain all service records (repair orders, invoices, etc.) related to the NAPA® Ironclad product's maintenance and service. In the event of a product failure, you may be required to provide copies of your installation invoice and any maintenance records regarding the installed product.

Installation, break-in procedures, and maintenance

NAPA® Ironclad remanufactured products are designed to provide years of trouble-free service. In order for your NAPA® Ironclad remanufactured product to perform as expected, it must be installed correctly, operated responsibly, and properly maintained.

Failure to perform these procedures may result in damage to the product. This damage may not be covered under warranty.

ENGINES AND CYLINDER HEADS

Once the product has been installed, it is your responsibility to “break in” the product properly.

After the break-in period and 600-mile checkup, you must maintain the product to the original manufacturer’s specifications. If you are unsure of the maintenance schedule or have questions regarding your NAPA® Ironclad engine or cylinder head, please contact Customer Service at 800-831-5947.

INITIAL STARTUP

When applicable, valves must be readjusted to your vehicle’s manufacturer’s specifications. Refer to the factory shop manual or contact Customer Service for the proper procedure for your engine type.

BREAK-IN PROCEDURES FOR ENGINES

Your NAPA® Ironclad remanufactured engine requires special care during its initial break-in period.

To ensure your engine’s long life expectancy and proper engine performance, please follow these procedures during the first 600 miles of operation.

- ✓ Vary your driving speed. Do not drive for long periods at any single speed.
- ✓ Do not tow a trailer or subject your vehicle to other heavy loads.
- ✓ Check the engine oil and coolant levels daily.

600-MILE CHECKUP FOR ENGINES

- ✓ Check fuel and ignition settings.
- ✓ Change the engine oil and filter.
- ✓ Adjust valves (*where applicable*).
- ✓ NAPA® Ironclad does not recommend using synthetic engine oil until *after the first 5,000 miles* of service. Follow your vehicle owner’s manual for service intervals.

AUTOMATIC TRANSMISSIONS

NAPA® Ironclad remanufactured transmissions are built to Original Equipment Manufacturer (OEM) specifications. When properly maintained and operated, they should provide many years of trouble-free service.

It is your responsibility to maintain your transmission in accordance with the original manufacturer’s specifications.

FIRST 500 MILES OF SERVICE

Newly-installed, remanufactured transmissions do not require any type of break-in procedure.

However, NAPA® Ironclad recommends checking the transmission fluid level every 100 miles for the first 500 miles of service. Please refer to your vehicle’s owner’s manual for instructions on checking fluid levels and adding additional transmission fluid.

If the fluid level is low, add the proper amount of the correct type of fluid and return to a Licensed Automotive Repair Facility for a check of all transmission lines and seals.

scheduled as outlined in the vehicle's owner's manual. If you are unsure of the maintenance schedule or have questions regarding your NAPA® Ironclad transmission, please contact Customer Service at 800-831-5947.

SCHEDULED MAINTENANCE

In order to keep your NAPA® Ironclad warranty in effect, you must follow the transmission maintenance

Register your product

We encourage you to register your product for optimal warranty coverage and service. For your convenience, you can register your NAPA® Ironclad product online quickly and easily.

Visit our website at NAPAIroncladEngines.com and click the Warranty Info link. Select the "Register your engine's warranty" and provide your information. Then, click Submit.

Be sure to have your product part number, serial number, VIN, mileage-at-installation, and installation date available when you visit NAPAIroncladEngines.com to register.