



754 Rice Street • St. Paul, MN 55117 • 651.224.9479

**KEEP FOR WARRANTY RECORDS**

**ALL MOTORS AND TRANSMISSIONS CARRY A 30-DAY WARRANTY FROM THE DATE OF PURCHASE. ONE-YEAR PARTS ONLY AND ONE-YEAR PARTS AND LABOR WARRANTIES ARE ALSO AVAILABLE AT THE TIME OF PURCHASE ONLY.**

- A 30-day part replacement warranty applies unless otherwise noted on your invoice. All claims for warranty must be made within this time. Any claim made after the expiration of the warranty will not be considered. The warranty term is based on the original purchase date.
- One-year Parts and Labor Warranties are available for an additional cost and will be indicated on your invoice.
- The original invoice must accompany any claim for warranty.
- Defective driveline components must be available for inspection/analysis by Ace Auto Parts, or a representative of Ace Auto Parts, while still installed in the vehicle before warranty coverage will be considered.
- The defective or malfunctioning mechanical part must be returned to Ace Auto Parts free and clear of any liens and other expenses such as transportation, packing and installation relating to the exchange or replacement of your mechanical part.
- Brand new fluids, filters, seals and gaskets must be used in the installation of the driveline component. All lubricants and fluids used must be of proper viscosity recommended by the vehicle manufacturer. Receipts for these installation items must accompany claim for warranty and purchase date of said items must coincide with part purchase date.
- If Ace Auto Parts is unable to exchange your part within a reasonable time, we will refund the original purchase price of your mechanical part.
- Engine assemblies are understood to consist of a short block assembly and cylinder head(s). Any other parts left on the engine assembly at the time of sale are included for the purchaser's convenience only and are to be used at the purchaser's option only; these parts are not covered under the warranty.
- All warranties are for the original purchaser only and are not transferable.

**OUR WARRANTY DOES NOT COVER THE FOLLOWING ITEMS:**

- The purchaser's loss of time, inconvenience, loss of use of vehicle, towing expense, installation expense, commercial loss, rental cars or other consequential damages.
- On driveline components, fluids, gaskets, seals, filters, intake manifolds, exhaust manifolds, clutches, water pumps, wiring thermostats, sensors, hoses, belts, frost plugs, spark plugs, and injectors are not guaranteed, including any leaks due to gaskets or seals.
- Claims that result from accident, abuse, neglect, alteration, improper maintenance or improper installation.
- Claims that result from the failure of other existing components.
- Claims that result from overheating due to cooling system failure.
- Parts installed in vehicles used for commercial, racing or off-road purposes, or parts used for any purpose other than the original application or under conditions that would cause greater than normal wear.

**MOTOR WARRANTY**

All motors have been run and compression checked. Warranty coverage as follows:

- Will not use more than one quart of oil in 600 miles
- Covers hard parts only: block, heads, crankshaft, pistons, timing gears, camshaft, etc.
- Does not cover oil leaks due to gaskets or seals
- Does not cover any labor costs
- Refund or replacement only
- **Warranty void if heat tab removed or melted (indicates extreme heat)**

**TRANSMISSION WARRANTY**

All transmissions have been tested. The following pre-installation maintenance must be performed:

- Replace front seals
- Replace axle seals
- Install new transmission filter kit
- Flush and inspect cooler and cooling lines
- Add fluid levels to manufacturer's recommended levels
- Add fluid type per manufacturer's recommendation
- Make sure all final drives are full
- Properly align torque converter
- Adjust throttle position sensor cable
- Make sure pins in connector are properly aligned and seated into plug
- Does not cover oil leaks due to gaskets or seals

Warranty is void if the pre-installation maintenance is not performed. Installing a transmission is complicated. If you find that your transmission is not functioning as inspected after installation, we will evaluate it in our shop subject to the following rates:

Diagnostic: \$75.00  
 Labor: \$65.00 per hour  
 Parts: Additional parts will be billed separately

If we determine that we sold a faulty transmission, no charges will apply.

**CYLINDER HEAD WARRANTY**

**Warranty is void if heat tab is removed or melted (indicates extreme heat)**

I HAVE READ THE ABOVE INFORMATION REGARDING WARRANTIES ON MOTORS, TRANSMISSIONS AND CYLINDER HEADS, AND AGREE TO THE TERMS. IF AN EXTENDED WARRANTY WAS PURCHASED, ADDITIONAL CONDITIONS LISTED ON THE REVERSE ALSO APPLY.

Print Customer Name

Telephone Number

Customer Signature

Date

Invoice Number

**Customer Copy**

## IF YOU PURCHASED AN ACE AUTO PARTS ENGINE OR TRANSMISSION EXTENDED WARRANTY:

- Parts and Labor Warranties purchased will be indicated on your invoice. Labor claims will be based on Mitchell1 Labor Estimating Guide and paid at a flat rate of \$65.00 per hour. Approved warranty labor payment will be made directly to the repair shop, not the consumer.
- Ace Auto Parts reserves the right to provide warranty repair at a facility of its choice.
- Labor claims will only be considered if a Parts and Labor Warranty purchase is indicated on your invoice. Customers declining, or failure to purchase, a Labor Warranty releases Ace Auto Parts from all labor claims.
- All labor warranty claims must be pre-approved. To initiate a claim on this warranty you must:**
  - Call Ace Auto Parts Warranty Claims Line at 651.717.4241; if you get voicemail leave your name and contact phone number or visit our location in person.
  - Explain that you are having a product problem and may need warranty assistance.
  - It is the customer's responsibility to bring the item (or vehicle) to Ace Auto Parts or a repair facility of our choice for inspection.
  - All warranties are for the original purchaser only and are not transferable.

Most engine and transmission failures are due to preventable installation errors. If you have purchased an extended warranty (indicated by separate line item on your original invoice) the following *checklist* is provided to guide you and must be completed to validate your warranty. Failure to follow your manufacturer's recommendations on lubricants and fluids, and not using brand new fluids will invalidate this warranty. In the event of a warranty claim, your original sales invoice, this completed *checklist*, and all of your new purchase receipts pertaining to installation, maintenance and servicing of your engine or transmission must accompany all warranty claims. If you have any questions about these instructions, please call our Extended Warranty Specialist, David at 651-717-4241.

### ENGINE EXTENDED WARRANTY CHECKLIST:

| Date Done | Item(s) to Complete (BE SURE TO SAVE ALL RECEIPTS IN THE EVENT OF A WARRANTY CLAIM)   |
|-----------|---|
|           | Compare the replacement engine with the old one. Are there obvious differences? Unless the engine is from the same model year, there may be electrical components that need to be compared and/or replaced. If in doubt, call us.   |
|           | Install or remove the pilot bearing. We advise you to replace the rear main seal.   |
|           | Flush oil cooler and lines (if applicable).   |
|           | Install new: <ul style="list-style-type: none"> <li>thermostat</li> <li>air, fuel, breather and oil filters</li> <li>spark plugs</li> <li>distributor cap and rotor (if applicable)</li> <li>all drive belts and timing belts (if applicable)</li> <li>inspect and replace all coolant hoses (if applicable)</li> </ul> |
|           | Fill oil filter with brand new oil before installing. Prime oil pump if it, or the oil pan or timing cover, has been removed or replaced. Fill with brand new oil referring to the owner's manual for capacity and viscosity.   |
|           | Test radiator cooling fan and install a new fan temperature sensor.   |
|           | Flush, pressure test and fill radiator and recovery tank with coolant only.   |

### AT TIME OF INITIAL START:

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|  | While cranking, make sure oil light goes out within seconds, or gauge shows oil pressure.   |
|  | Checks for oil, fuel and coolant leaks especially around the intake manifold. Use dish soap and water spray to check for bubbles indicating a leak. |
|  | Stabilize the cooling system.   |
|  | Run engine until normalized, continuously monitoring coolant level and temperature.   |
|  | With distributor fired engines, set timing to factory specifications using a timing light.  |
|  | Shut engine down.   |
|  | Recheck oil and coolant levels carefully checking for any oil, fuel or coolant leaks.   |
|  | Recheck belt tension.   |
|  | Continue to check fluid levels DAILY for two weeks.   |

You are being charged for the BLOCK AND HEAD ASSEMBLY only. Attached parts, including seals and gaskets, left on the part to facilitate installation are not covered by the warranty. Ace Auto Parts does not cover any oil leaks.

### TRANSMISSION EXTENDED WARRANTY CHECKLIST:

| Date Done | Item(s) to Complete (BE SURE TO SAVE ALL RECEIPTS IN THE EVENT OF A WARRANTY CLAIM)   |
|-----------|---|
|           | Replace: <ul style="list-style-type: none"> <li><input type="checkbox"/> Front Seals</li> <li><input type="checkbox"/> Axle Seals</li> </ul>  |
|           | Install a new transmission filter kit and all seals. Save your receipts as proof of purchase.   |
|           | Properly install and align torque converter. Rotate torque converter while pushing it in to 'seat' it into the transmission. It should rotate freely until it is seated. While mounting the transmission to the engine, if the torque converter is not fully seated, DO NOT FORCE IT. Reseat torque converter and try again. The torque converter should rotate freely until it is bolted to the flywheel on the engine.          |
|           | VERY IMPORTANT: Remove rust inhibitors from converter flange and lubricate torque converter hub with Automatic Transmission Fluid (ATF). Note: For rebuilt transmissions, add one (1) quart of recommended fluid before installation of the converter.  |
|           | Flush and inspect transmission cooler and cooling lines to avoid stuck valves and metal contamination. If flow is restricted, replace cooler. Save your transmission cooler flush receipt. Our rebuilt transmissions have cooler flush provided. You may purchase our transmission flush (part#) for easier installation.   |
|           | BEFORE STARTING THE ENGINE: Add four (4) quarts of manufacturer recommended transmission fluid. Then start the engine, shift into reverse, 1 <sup>st</sup> gear, neutral, then into all other gears. Finally, fill according to the manufacturer's specification with brand new fluid. DO NOT OVERFILL. Some transmissions require additional fluid in differential. Check with your manufacturer if you are unsure of your type. |
|           | Adjust throttle position sensor cable. Electronically controlled transmissions need to have the Vehicle Transmission Codes (VTCs) cleared by a certified shop.  |
|           | When interchanging between years and models, it may be necessary to change wiring, linkages and speedometer gears/sensors.  |

### AFTER INSTALLATION REQUIREMENTS:

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|  | USED TRANSMISSIONS: Recheck for leaks during the first two (2) weeks. |
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