A1 AUTOMOTIVE COOLING

318-320 St Asaph Street
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Manufacturer Warranty - Important Notice

Warning: Electrolysis or corrosion could damage your new radiator within a few weeks

***** THIS CARD MUST BE PASSED TO THE CAR OWNER *****

Failure to follow this procedure will void the warranty.
A warranty claim will not be accepted for assessment without producing a fully completed and signed installation record (see next page), accompanied by a copy of the vehicle owner's purchase invoice

... INSTALLATION INSTRUCTIONS AND WARRANTY INFORMATION ...

1 YEAR UNCONDITIONAL WARRANTY

Radiator cores, PTR assemblies and heater cores supplied by A1 Automotive Cooling are warranted to be free of any defects for a period of 12 months or 50,000 kms whichever comes first.
Should any defect be discovered within the warranty period A1 Automotive Cooling will replace the goods or in the case of services, supply the services again regardless of the cause. Any products that are replaced free of charge must be returned to A1 Automotive Cooling where they will be credited and assessed to ascertain why they failed. Should we find the part was damaged by causes other than faulty materials or workmanship A1 Automotive Cooling will communicate those causes to the customer so they can undertake whatever remedial action is required. Should the recommended remedial action not be undertaken and the parts fail again, then the warranty is void. Unconditional replacement of the parts or services within the warranty period is the full extent of this warranty.
Please note A1 Automotive Cooling will not be responsible for any consequential damages or other company's charges.

CUSTOM MANUFACTURED PARTS

Custom alloy radiators, heaters, intercoolers and oil coolers will have a 2 year "Materials and Workmanship" warranty and will be replaced if there is a manufacturing or materials fault. Corrosion is not covered under this warranty for these items.

IMPORTANT INFORMATION FOR THE RADIATOR FITTER

ELECTROLYSIS is a highly destructive reaction caused by the passage of electrical current through coolant and destroys its corrosion protection properties. It is a menace that attacks radiators and heaters, and can destroy an entire engine in as little as 20,000kms. Electrolysis occurs when current flows through engine coolant in search of an earthing point. It is most commonly caused when an electrical component or accessory somewhere in the vehicle loses earth, usually from a loose or broken earth wire. When an electrical device loses its normal electrical path to the chassis or battery the current then needs to find the next path of least resistance, which can often be found in the cooling system itself. Electrical currents as small as .05 volts can cause damage to a cooling system and its components. It is therefore a condition of warranty that an electrolysis test is conducted on the system before any new products are installed. Failure to rectify an electrolysis problem before a new product is installed will void the warranty.

RADIATOR INSTALLATION PROCEDURE

1. Before installing a new product an electrolysis test must be conducted on the system. To test the cooling system for electrolysis use an analogue voltmeter (with a sensitivity of .05 volts) or a stray current detector and place the positive lead directly into the coolant through the filler neck on the radiator or the coolant bottle, making sure the terminal is not in contact with any surrounding metal surfaces. Attach the negative lead to the negative terminal on the battery and turn on all of the vehicles electrical systems one at a time, first with the engine running and then repeat the process with the engine turned off. A reading of or more than .05 volts or a "positive" red light indicates electrolysis is likely to be causing damage to the system and needs to be isolated and rectified either by the qualified fitter or an auto electrician. Do not proceed to step two until any stray current problems have been rectified.
2. Totally drain any old coolant from the system.
3. Add a quality alkaline cooling system flush to the system and follow the instructions for use on the packaging to ensure the correct flushing procedure for the product is used. Make sure the vehicle's heater control is on or open and the coolant overflow bottle is cleaned. Turn the vehicle's engine on to allow the alkaline flush to thoroughly circulate the cooling system for the time specified on the product's instructions.
4. Drain any flushing solution and water from the cooling system and flush the entire system with clean running water until the water exiting out of the system is running completely clean.
5. Remove the old radiator and check any mounts or other components for wear to ensure no damage is caused to the new product being installed.
6. Install the replacement radiator correctly, paying close attention to any additional requirements outline in the vehicle manufacturers service manual.
7. Add a concentrated corrosion inhibitor or anti-freeze anti-boil coolant (which must adhere to the specifications outlined in the vehicle manufacturer's service manual) to the cooling system. Follow the directions on the coolant being used to ensure the correct mixture is being used.
8. Perform another electrolysis test as outlined in step one, to ensure no earth wires have been broken or disconnected during the removing and refitting of the new product.
9. Make sure the vehicles cooling system is serviced and flushed every 12 months or 50,000 kms (whatever comes first) to ensure the cooling system remains in PERFECT WORKING ORDER.

Installation Details - This Must be Completed for any Warranty to be Assessed			
The Vehicle Owner:		**Date Installed:**	
Address:		**Invoice Number:**	
		Phone Number:	
Vehicle Make:		**Model & Year:**	
Registration Number:		**Odometer Reading (km):**	
Radiator Part Number:		**Coolant & Ratio/Dosage:**	
Stray Current/ Electrolysis Readings:		**Checked By:**	
Name of Installer:			
Address:		**Phone Number:**	

The installer of this hereby certifies that I/we have completed the radiator installation in strict accordance with the above warranty conditions.

Signature of Installer: …….

….. To the Vehicle Owner …..

The care and maintenance of your vehicle's cooling system is now your responsibility. Failure to follow the vehicle manufacturer's recommended maintenance routine, and/or the maintenance requirements of the radiator manufacturer, including the failure to maintain a quality coolant (at the correct dosage), that meets the minimum specification will void the warranty applicable to your radiator. Neglecting these requirements may result in premature deterioration of your vehicle's engine cooling system components which will likely cause serious, and expensive damage to the vehicle's engine, transmission or both at your own expense.

Maintenance Schedule	12 Months - 25,000 kms	24 Months - 50,000 kms	36 Months - 75,000 kms
Service Date			
Service Centre			
Odometer			
Stray Current Check			
Coolant Inspection			
Name & Signature			

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