

RADIATOR INSTALLATION SHEET

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COOLING SYSTEM MAINTENANCE AND RADIATOR REPLACEMENT PROCEDURES

COMMON PROBLEMS

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○ ELECTROLYSIS

Electrolysis is caused by inadequate ph level in the system or bad electrical accessory grounds.

○ CONTAMINATION AND ADDITIVES

Contamination and additives can clog passages and reduce overall heat transfer. Pure coolant liquid or mixing different types of liquids will also cause sludging in the system. **Only use a 50/50 mix of water and coolant liquid.**

○ INADEQUATE Ph LEVEL

Inadequate ph level of the cooling liquid causes inner tube blooming that restricts flow and increases engine temperature. Prevent these conditions with proper cooling system maintenance.

○ PRESSURE CAP

The pressure cap maintains constant system pressure to prevent cooling liquid from boiling. Coolant needs to be circulated from the overflow reservoir to prevent air from entering the system. The cap must be inspected on a regular basis.

○ MAINTENANCE

Regular maintenance requires that the thermostat be replaced each time the coolant is flushed or during radiator replacement. Install the proper temperature range thermostat for maximum engine performance and fuel efficiency.

○ EXCESSIVE EXTERNAL WEAR

Radiator excessive external wear is mostly caused by aging or road debris. Deteriorating or damaged cooling fins will reduce overall heat transfer. Replacement is necessary with complete system testing.