



DELOREAN MOTOR CARS OF AMERICA  
Division of DeLorean Motor Company

# SERVICE BULLETIN

NUMBER ST-09-10/82

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CATEGORY: TECHNICAL

ATTN: ALL DMC DEALERS/SERVICE MANAGERS

SUBJECT: ENGINE COOLING SYSTEM BLEEDING

Because the De Lorean is equipped with an aluminum engine, it is extremely important that the engine's cooling system be absolutely free of any air. If the cooling system is opened for service or any other reason or after a leak has been repaired THE SYSTEM MUST BE BLED.

#### Bleeding Procedure:

- 1) Fill the coolant reservoir tank with fresh 50/50 coolant mixture.

NOTE: The coolant level must not fall below the minimum (MIN) level indicated on the reservoir tank during the bleeding procedure to avoid air from being drawn into the system.

- 2) Attach a suitable length of hose to the bleed screw located on the thermostat housing. Route this hose clear of all belts and pulleys and place the other end into a container holding coolant mixture. The hose must remain in the coolant during the bleeding.
- 3) Start and run the engine until normal operating temperature is reached.

Thermostat starts to open at 185° F

Thermostat full open at 212° F

- 4) While running the engine between 1500-2000 RPM, open the bleed screw to allow the trapped air to escape. Close the bleed screw. Because of the low pressures and remote location of the radiator in this system, this step must be repeated until all air pockets are removed.

Continued . . .

Reimbursement

Due to the special attention required, we are increasing the time allowance for this procedure.

<u>Oper. No.</u>	<u>Description</u>	<u>New Time Allowance</u>
13101	Pressure & Leakage Test	.7 hr
13102	Drain & Refill Cooling System (includes #13101)	.8 hr
13103	Remove & Replace Radiator (includes #13102)	2.5 hr
13104	Remove & Replace Hose, Coolant (includes #13102)	.9 hr

Please inform all personnel accordingly.

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