

Vehicle: All Technical Service Bulletins

Coolant - Revision

Group: 19

Number: 96-01

Date: Oct. 30, 1996

Subject:
New Coolant

Model(s):
All Watercooled All m.y.

Production

A new coolant, G 012 A8D A1 is being used in production as follows:

- ^ German production:
from 07.96
- ^ Mexican production:
running change scheduled for 01.97

Coolant G 012 A8D A1 is red in color.

This newly developed product permits a cooling system fill that lasts the service life of the engine and was designed with all-aluminum engines in mind.

Advantages:

- ^ Improved corrosion protection
- ^ Improved thermal stability
- ^ Improved heat transfer/control
- ^ Improved hard water tolerance
- ^ Improved environmental protection

CAUTION!

G 012 A8D A1 must NEVER be mixed with ANY other coolant. Engine damage will result!

Contamination of G 012 A8D A1 with other colored coolants is identifiable by discoloration (brown, purple etc.). This mixture causes a foamy deposit to appear in the expansion tank/radiator.

This mixture is to be drained immediately and the cooling system flushed as described in this bulletin.

Flushing procedure:

Engine at operating temperature (older vehicles with heater valve: heater on).

- Drain coolant -> Repair Manual, General Engine, Repair Group 19.
- Apply compressed air to expansion tank or radiator to blow out remaining coolant.
- Close cooling system, fill with distilled water.
- Run engine for a minimum of 2 minutes.

- Drain water and apply compressed air to expansion tank as before.
- Close cooling system and fill with appropriate mixture ratio of G 012 A8D A1 and distilled water --> Repair Manual, General Engine, Repair Group 19.
- Test drive, check coolant level and add if necessary.

Note:

Coolant G 012 A8D 01 may be used in older vehicles when the original coolant is drained and cooling system flushed as described above.

- Inform customer that a new coolant is used and that ONLY water or G 012 A8D A1 be used to replenish.

CAUTION!

- Never reuse old coolant when performing engine repairs.
- Dispose of old coolant properly.

Flushing as specified above, or engine damage resulting from the use of a mixture of G 012 A8D A1 and other coolants is not covered by the new vehicle warranty.

CAUTION!

Part numbers are for reference only. Always check with your Parts Dept. for the latest parts information.