

DETERMINATION OF ODOR IN A COMPLETELY EQUIPPED VEHICLE**Application**

This method is used to determine the odor originating from interior trim parts such as the roof headlining assembly and the rear package tray in a completely equipped vehicle.

Apparatus Required**Water Tank**

With heating capable of maintaining a temperature of 100 +/- 2 °C

Infrared Lamps**Hot Air Blower**

2000 W

Materials Required**Distilled or Deionized Water**

20 micromhos/cm at 25 °C maximum conductivity (ASTM D 1125)

Procedure

1. Put the water tank into the vehicle.
2. Add 1 litre of distilled or deionized water to the tank.
3. Boil the water until complete evaporation.

Note: It is necessary that during this period all doors are closed.

4. When evaporation is finished, wait 10 minutes.

Date	Action	Revisions
2001 03 28	Revised	Editorial – no technical change A. Cockman
1994 08 22		

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5. Then immediately go into the car and rate odor. Use two observers for 2- door cars and 4 observers for 4-door cars, minimum.

Odor Rating Evaluation

- | | |
|----|-------------------------------|
| 1. | No smell |
| 2. | Detectable but not disturbing |
| 3. | Disturbing |
| 4. | Extremely disturbing |
| 5. | Obnoxious |
| 6. | Unbearable |

Report the rating as taken at 23 +/- 2 °C.

6. After this procedure, dry the compartment with a hot air blower for 1 h.
7. Heat the compartment up to 60 +/- 2 °C by infrared radiation. The infrared lamps are to be placed in front of the windshield. Then follow the same procedure as described in steps 1 - 4. Report the rating as taken at 60 °C.

Chemicals, materials, parts, and equipment referenced in this document must be used and handled properly. Each party is responsible for determining proper use and handling in its facilities.