

Classification:

EL03-031e

Reference:

ITB03-051e

Date:

January 4, 2010

EXTERIOR LAMP FOGGING

This bulletin has been amended. The Applied Vehicles and Service Procedure sections have been revised. Please discard all previous versions. [This bulletin supersedes ITB08-019a.](#)

APPLIED VEHICLES: 2001-2010 Infiniti, All Models

SERVICE INFORMATION

Occasionally customers may notice water vapor or fog in the exterior lamps. This is generally NOT due to a defect.

The following information, illustrations, and flow chart are provided to help you in determining if an incident for water/condensation in lamps is normal or not.

All current exterior lamp assemblies are vented to the atmosphere (not sealed).

- This is necessary to allow for expansion and contraction of air from temperature "variations" (warmer or colder) without damage to the lamp.
- Moisture in the air sometimes "travels" into and out of the lamp assembly through these vents.
- Certain environmental conditions may cause moisture to condense.
- The fogging/cloudiness should disappear over time when the lamp is in a dry environment.

Infiniti Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Infiniti dealer to determine if this applies to your vehicle.

Fog may temporarily form inside the lens of the exterior lights based on environmental conditions or sudden temperature changes (such as in a car wash). This is normal. See Figure 1.

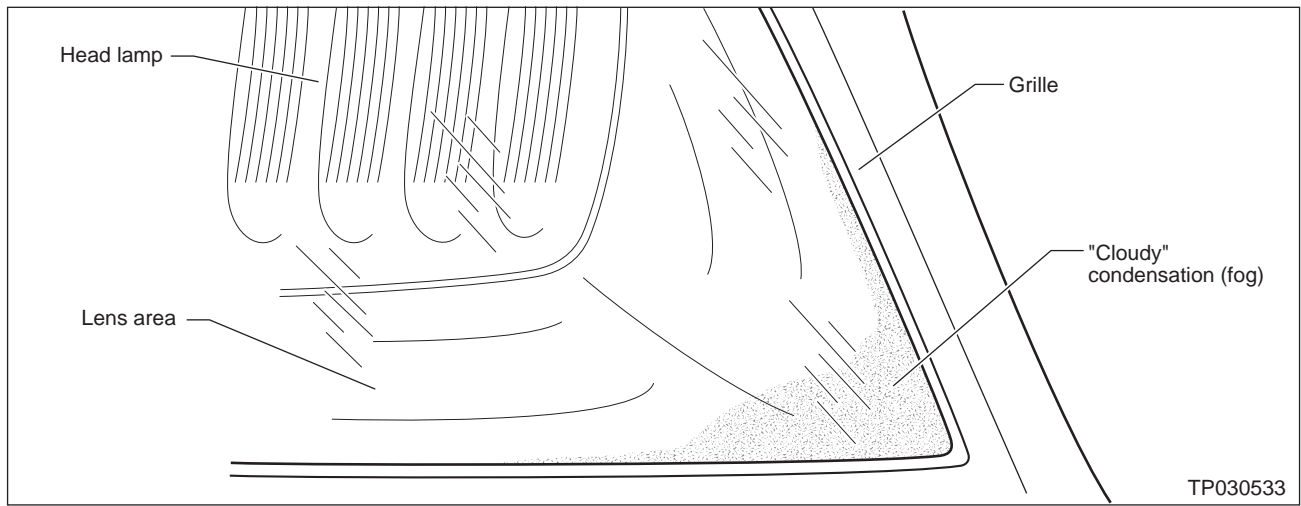


Figure 1: Example of normal condensation, ok

NOTE: This condensation can appear anywhere on the outer lens, typically at its coldest location.

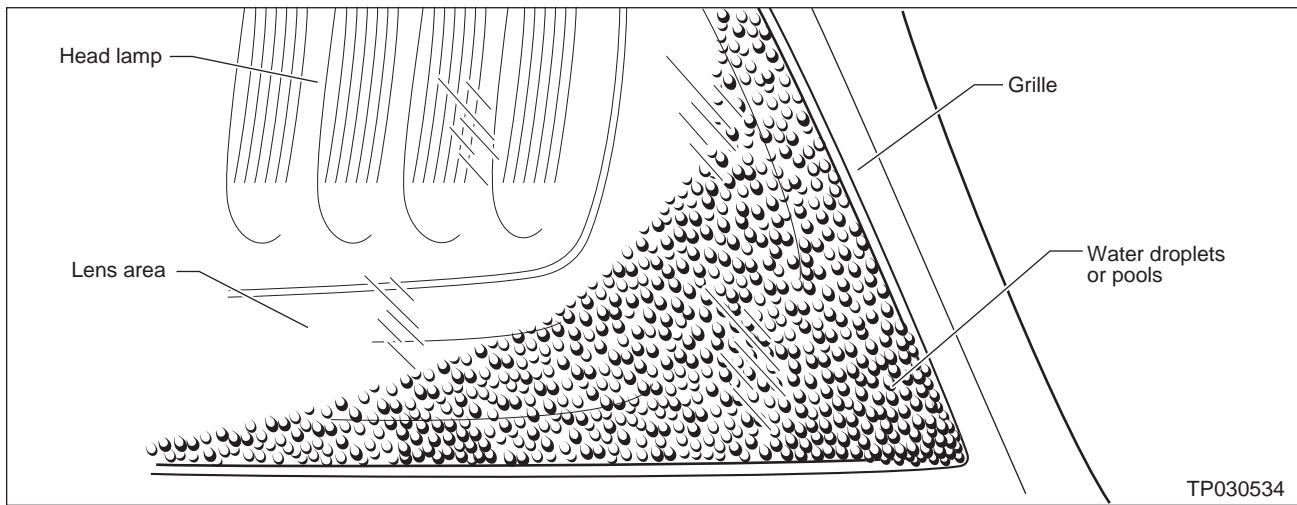


Figure 2: Condition may not be normal

If the moisture trickles, drips, or pools, it may not be considered normal and the headlamp assembly may have a water leak path. See Figure 2 for an example.

If large drops of water collect inside the lens, refer to the flow chart on page 3 to find the next step to take.

SERVICE PROCEDURE

Should a customer note water in a lamp assembly, please use the following flow chart to determine if the condition is normal or requires lamp replacement.

