STAR ONLINE PUBLICATION

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Symptom/Vehicle Issue: Condensation Or Water Infiltration In Headlights, Daytime Running Lights (DRL), Turn Signals, Fog Lights, Taillights.

Models Affected:

2017-2026 Alfa Romeo Giulia (GA) 2018-2026 Alfa Romeo Stelvio (GU)

Discussion: Before proceeding with the replacement of a lamp housing, it is necessary to carry out preliminary checks to determine whether the event is due to damage/misuse (not manageable under warranty) or due to an issue in the component.

• The device must be examined beforehand for cracks on the outer surface of the lens and on the mating surface between the outer lens and the housing (welds) or cracks on the housing (black part).

If the cracks or breakages are due to external impact damage, the repair cannot be covered under warranty.

A - Cracked Welding Line
B - Impact in the corner

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous case details that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechConnect, eCONTACT or Service Library entry if no solution is found.

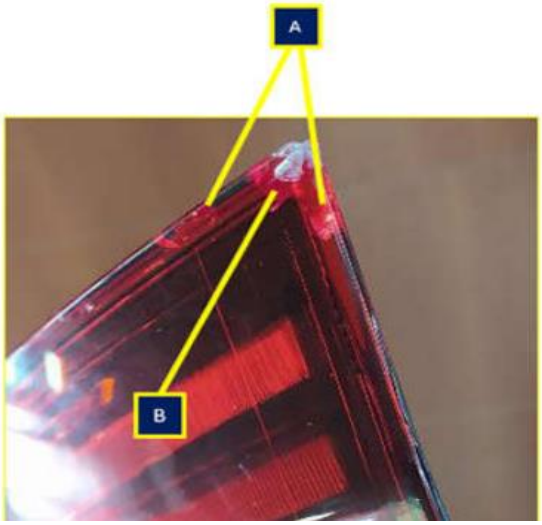

Fig. 1
Impact Damage To The Taillight

• The lamp assemblies are made of Acrylic. They are highly sensitive to the combined action of heat (intense solar radiation) and aggressive cleaning products used to clean the surface. Cleaning these components (especially when hot) with aggressive liquids can break the weld line between the lens and the lamp body, causing leaks and water ingress (see below for a description of this type of problem). Owner's manual provides guidance for care of exterior items (Fig. 2).

Front Headlights

Use a soft cloth soaked in water and detergent for washing vehicles.

Note:

- Never use aromatic substances (e.g. gasoline) or ketones (e.g. acetone) for cleaning the plastic lenses of the headlights.
- When cleaning with a pressure washer, keep the pressure washer at least eight inches (20 cm) away from the headlights.

Fig. 2
Owner Manual Headlamp Care Example.

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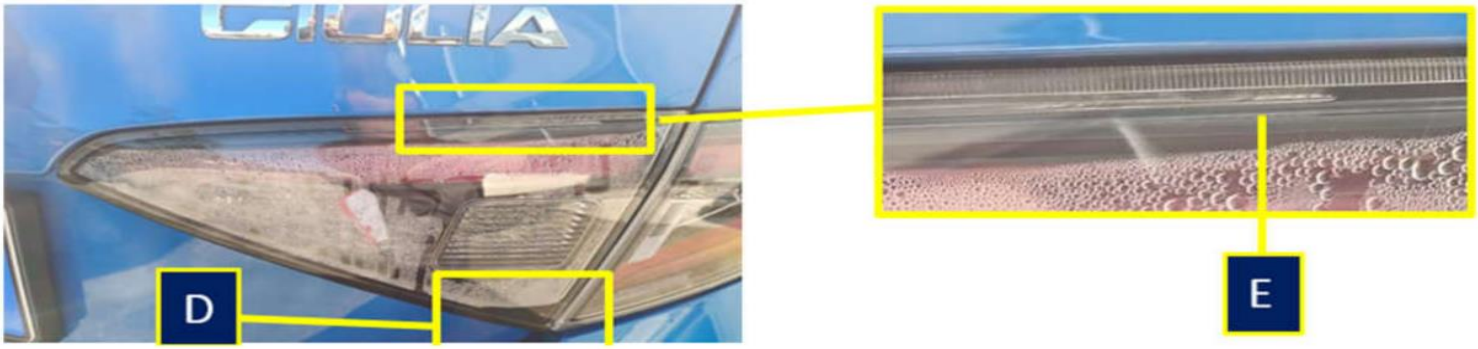

Fig. 3

Fig. 3 - Water inlet due to breakage of the welding line. No signs of impact. “D” shows water puddling inside the lamp. “E” shows the root cause- cracked weld like. The welding line is black in color; once broken it becomes shiny / transparent

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