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DAYTIME RUNNING LAMPS (G2342559)

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DESCRIPTION AND OPERATION

OVERVIEW

Daytime Running Lamps (DRLs) are sections of the headlamps that illuminate to make the vehicle more visible to other road users. The DRLs help to identify the vehicle more quickly and thus decrease the potential for accidents.

For additional information, refer to: [Exterior Lighting](#) (417-01 Exterior Lighting, Description and Operation).

DRL is a market requirement in certain countries.

The DRL function is inoperative in following markets:

- Libya
- Syria
- Yemen
- Sudan.

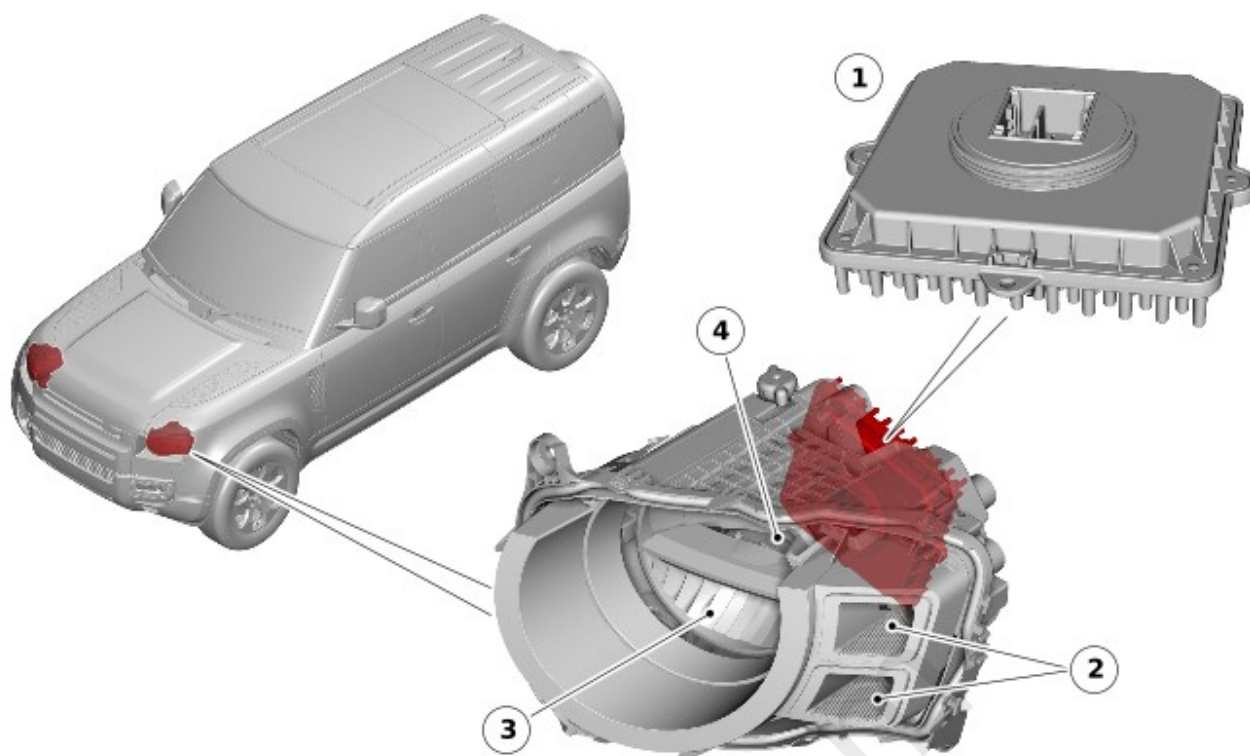
DESCRIPTION

LIGHT EMITTING DIODES HEADLAMP REFLECTOR WITH DAYTIME RUNNING LAMP



NOTE:

Vehicle with 5 doors is shown, vehicle with 3 doors is similar.



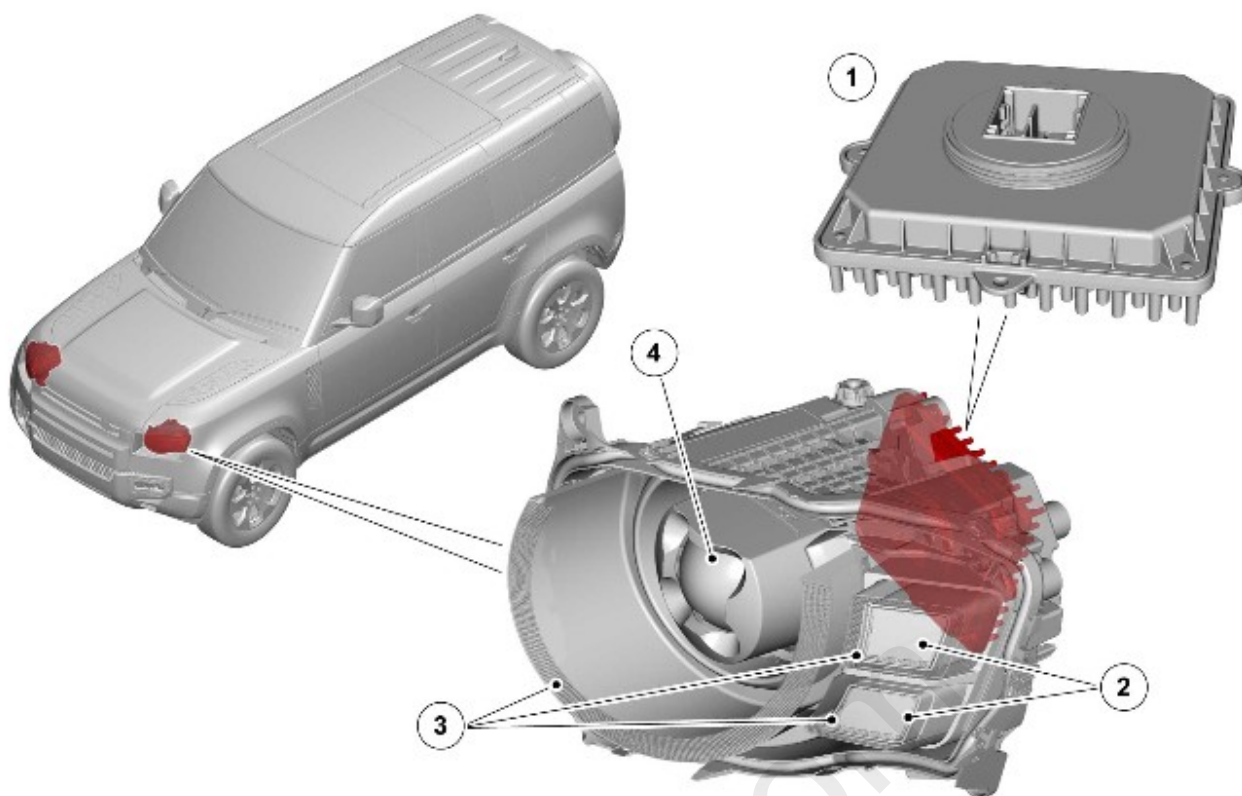
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ITEM	DESCRIPTION
1	Headlamp Control Module A (HCM)
2	Turn Signal Indicator, DRLs, Front Position Lamp (ROW)/Parking Lamp (NAS)
3	High beam
4	Low beam

PREMIUM LIGHT EMITTING DIODES HEADLAMP WITH DAYTIME RUNNING LAMP

NOTE:

Vehicle with 5 doors is shown, vehicle with 3 doors is similar.



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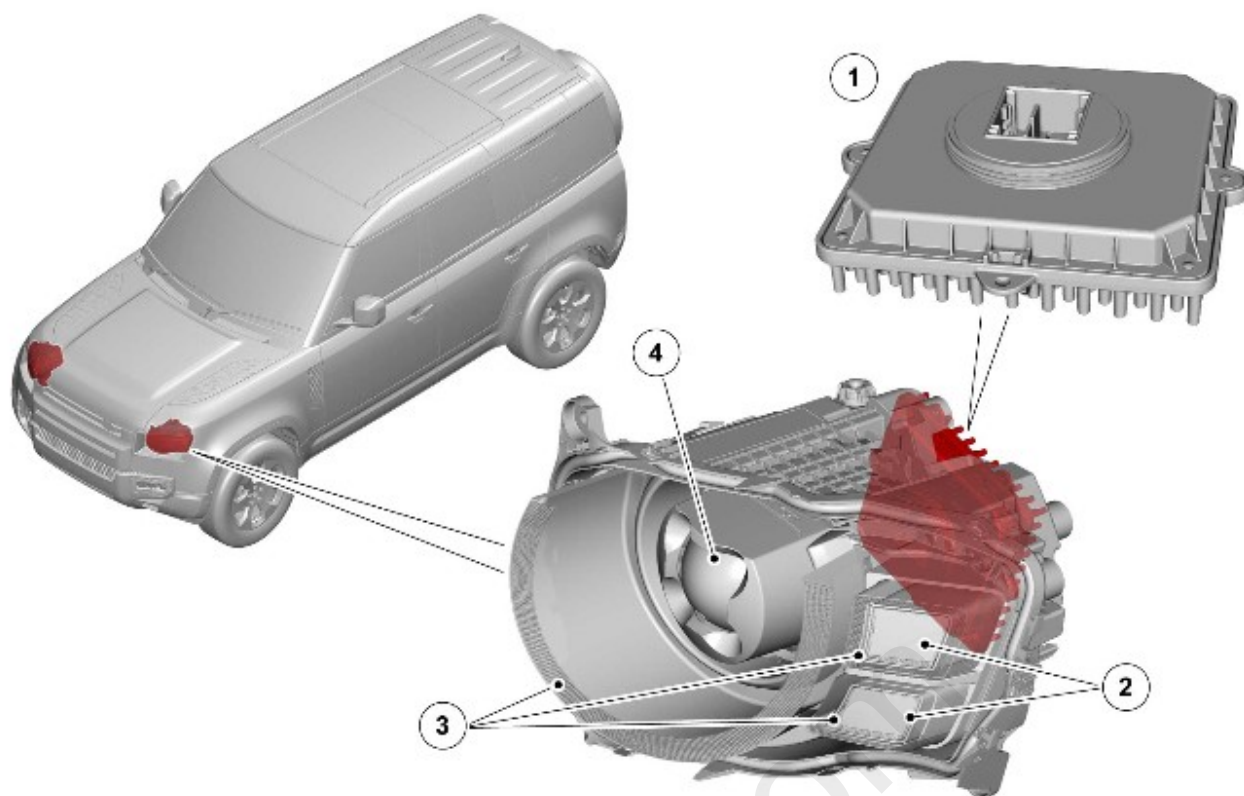
ITEM	DESCRIPTION
1	HCM
2	Turn Signal Indicator
3	DRLs, Front Position Lamp (ROW)/Parking Lamp (NAS)
4	Premium Light module - Low Beam and High Beam

MATRIX LIGHT EMITTING DIODES HEADLAMP WITH SIGNATURE DAYTIME RUNNING LAMP – EXCEPT NORTH AMERICAN SPECIFICATION



NOTE:

Vehicle with 5 doors is shown, vehicle with 3 doors is similar.



E246973

ITEM	DESCRIPTION
1	HCM
2	Turn Signal Indicator
3	DRLs, Front Position Lamp
4	Matrix headlamp Light module - Low Beam and High Beam

The DRL operates at a higher intensity than the side lamp illumination. For all headlamp variants, the DRL and front side lamps utilize the same light sources.

The DRLs are incorporated into the headlamp assemblies. The DRLs use Light Emitting Diodes (LEDs) to illuminate shaped reflectors or lenses in the headlamps.

For additional information, refer to: [Exterior Lighting](#) (417-01 Exterior Lighting, Description and Operation).

OPERATION

REST OF THE WORLD

The DRLs switch ON in 'AUTO' mode when the following conditions are met:

- In Power Mode 7 (engine running) and the rain/light sensor does not request low beam headlamps.
- The low beam is not set to on with the left steering column switch.
- The front fog lamps are not switched on.

The DRLs remain OFF if:

- PARK is still selected.
- NEUTRAL is selected and while the Electric Park Brake (EPB) is applied.

If low beam headlamps are ON by manually selected activation, then DRLs are switched ON and low beam headlamps switched OFF if:

- The left steering column switch is set to OFF.
- The left steering column switch is set to AUTO and the rain/light sensor does not request low beam.
- The vehicle is not stationary.

DRLs switch OFF if:

- In Power Mode 4 (accessory (vehicle unlocked and Smart Key present)) or lower.
- The left steering column switch is set to low beam.
- The rain/light sensor requests low beam headlamps.
- The front fog lamps are switched ON.
- The left steering column switch is set to OFF.

Manual selection of DRL OFF cancels and 'AUTO' mode starts when the vehicle speed exceeds 10 km/h (6 mph) or has traveled 100 meters. This is accompanied by a message center alert.

DRLs switch OFF during the entire operation cycle of the turn signal indicators or hazard warning signal indicators.

DRLs switch OFF when the headlamps are used for flash.

When a turn signal indicator is ON, the related DRL switches OFF (the opposite DRL stays ON). When the turn signal indicator goes OFF, the related DRL fades ON to its maximum intensity.

When DRLs are switched OFF or deactivated during interaction with turn signal indicators, they are faded off from their maximum intensity.

NORTH AMERICAN SPECIFICATION

The DRLs switch ON when the following conditions are met:

- In Power Mode 7 (engine running) and the rain/light sensor does not request low beam headlamps.
- The left steering column switch is set to low beam.

In addition after the engine is started, the DRL are switched OFF if:

- PARK is still selected.
- NEUTRAL is selected and while the EPB is applied.

The DRL are switched OFF when the following conditions occur:

- The rain/light sensor requests low beam headlamps.
- The left steering column switch is set to low beam.
- The front fog lamps switch ON.
- In Power Mode 4 (accessory (vehicle unlocked and Smart Key present)) or lower.

The DRLs are illuminated at a higher intensity than the side lamp operation.

The DRL switches OFF when the turn signal indicator on that side is active. For example, if the left turn signal indicator is active, the left DRL switches OFF until the turn signal indicator becomes inactive. The opposite headlamp DRL remains ON at full intensity.

If the hazard warning lamps become active, the DRLs are switched OFF until the hazard warning lamps are deactivated.

DRLs switch OFF when the headlamps are used for flash.

When DRLs switch ON or reactivate after interaction with turn signal indicators, they fade on to their maximum intensity.

When DRLs switch OFF or deactivate during interaction with turn signal indicators, they fade off from their maximum intensity.