Driving Lights and Daytime Running Lights

Introduction

This Fact Sheet provides general guidelines for the fitting of aftermarket lights to motor vehicles, excluding motorcycles, with a gross vehicle mass less than or equal to 4.5 tonne.

General Requirements

All lights fitted to a vehicle must be fitted and adjusted correctly so not to dazzle the driver of the vehicle and the driver of other vehicles.

Driving lights and LED light bars

Additional driving lights, including LED light bars, may be fitted without need for approval, provided they comply with the requirements in relevant Australian Design Rules (ADR) and the South Australian Road Traffic (Light Vehicle Standards) Rules 2018, including:

- The lights must be facing forward.
- The colour of the emitted light must be white.
- The maximum number of additional lights allowable is 4.
- The lights should, as far as is possible, be installed symmetrically in pairs to the front of the vehicle.
- If lights are not fitted as pairs, they must be fitted to the front of the vehicle, symmetrically at the centre.
- The light must be wired so they can only operate when the vehicle's main beam headlights are on.
- The placement of lights and associated brackets must not increase the risk of bodily injury to any person.
- The lights must not be fitted to the top of a bull bar or above the bonnet line.
- The lights must not protrude forward of the bumper bar or bull bar;
- The lights may be fitted on the roof of a vehicle provided they do not increase glare to the driver.

Aftermarket Daytime Running Lights (DRL)

Aftermarket Daytime Running Lights (DRL) may be fitted without an application for modification, provided they comply with the requirements in relevant ADR and the South Australian Road Traffic (Light Vehicle Standards) Rules 2018, including:

- The colour of the emitted light must be white. Where fitted on the pre-October 1991 model vehicles, the colour of the emitted light can be white or amber and not use over 25 watts of power;
- The number of the lights must be 2;
- They must be symmetrically fitted on the front of the vehicle, equidistant to the centre line of the vehicle (Figure 1);
- They cannot be fitted to the roof, bonnet or side rear vision mirrors of the vehicle;
• They must switch on automatically when the engine is switched on. Daytime running lights may remain OFF while the following conditions exist:
  o The automatic transmission control is in the park position; or
  o The parking brake is in the applied position; or
  o Prior to the vehicle being set in motion for the first time after each manual activation of the engine.
• They must switch off automatically when the engine is turned off.
• They meet the dimension requirements shown in the Figure 1.

![Figure 1](image)

Note: -

Where OEM daytime running lights are obscured such as by the bull bar, these must be replicated by ADR compliant daytime running lights that meet the ADR requirements for visibility:

• Horizontal - 20° to either side

• Vertical - 10° up and down

Further information
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The information and data on this fact sheet is subject to change without notice. The Government of South Australia may revise this information at any time by updating this factsheet.