

CIRCUIT OPERATION

Dipped Beam Headlamps

Operation of the headlamp switch will activate the LH and RH dipped beam headlamps, regardless of the state of the ignition switch.

Headlamp Delay

The term “headlamp” used throughout this section is assumed to be either dipped beam or main beam, as selected by the main beam changeover switch. This switch will continue to function for the duration of the delay period.

The headlamps will operate when the headlamp switch is set to the headlamp position, regardless of the status of the ignition switch.

If the ignition switch is turned off and the key removed whilst the headlamps are on, and the headlamp switch is subsequently turned off with a dwell of less than 1 second in the side lamp position, then a 25 second headlamp delay will be initiated.

If the ignition switch is turned off and the key removed while the headlamps are on and the headlamp switch is subsequently turned to the side lamp position for greater than 1 second then the headlamps will be switched off and parking lamps will remain on until the headlamp switch is turned off, or turned back to the headlamp position.

The headlamp delay may be cancelled immediately at any time while it's active (master lighting switch in the off position) by the following actions:

- Insertion of the ignition key or selection of auxiliary /ignition (all exterior lamps will be extinguished).
- Turning the headlamp switch to the side lamp position. In this case the exterior lamps will immediately revert to parking lamps mode.
- Turning the headlamp switch to the headlamps position. In this case the headlamps and normal side lamps (i.e. not parking lamps) will be active.

Main Beam/Side lamp Warning lamps

The main beam warning lamp will be activated whenever the main beam lamps are on, regardless of the state of the ignition switch. The side lamp warning lamp will be active whenever the side lamp switch is on and the side lamps are operating in side lamp mode, but not when the key is removed and the parking lamp mode is on.

Main Beam Headlamps

The main beam change over switch has a momentary action, which will cause the headlamps to switch between dipped and main beam on each operation.

Operation of the main beam changeover switch, while the dipped beam headlamps are activated and the front fog lamps are inactive, will cause the dipped beam lamps to be extinguished and both main beam 1 and main beam 2 lamps to be illuminated.

Operation of the main beam changeover switch, while both dipped beam and front fog lamps are active, will cause the dipped beam lamps to be extinguished and the main beam 1 lamps to be illuminated.

Daytime Running lamps

This feature is a requirement for vehicles for the Canadian, Norwegian, Swedish and Finnish markets.

On these vehicles, with the engine running, daytime running loads will be active regardless of the state of any switches.

This feature will in no way effect the operation of any of the other lighting systems.





