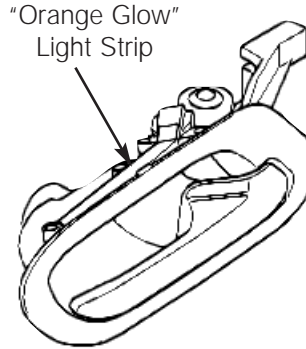


INTERIOR DOOR HANDLE LIGHTING

COMPONENTS/OPERATION

Interior door handle illumination is provided by orange glow light strips illuminated by LED's.

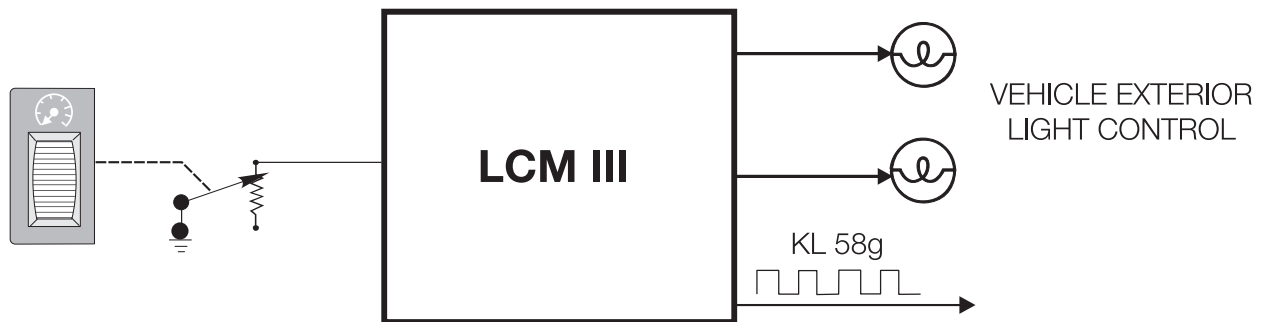
- The light strips are part of the door handle shell and are not replaceable.
- The LED's are individually replaceable (P/N 63 31 8 381 051).



Replacement LED
P/N 63 31 8 381 051

The LED's are connected to the KL 58g interior panel lighting circuit. KL 58g is an output pulse width modulated control signal from the LCM III. The duty cycle changes when the LCM III detects a change in the voltage drop at the light dimmer input signal.

Interior Door Handle Lighting is on whenever the vehicles lights are switched on.



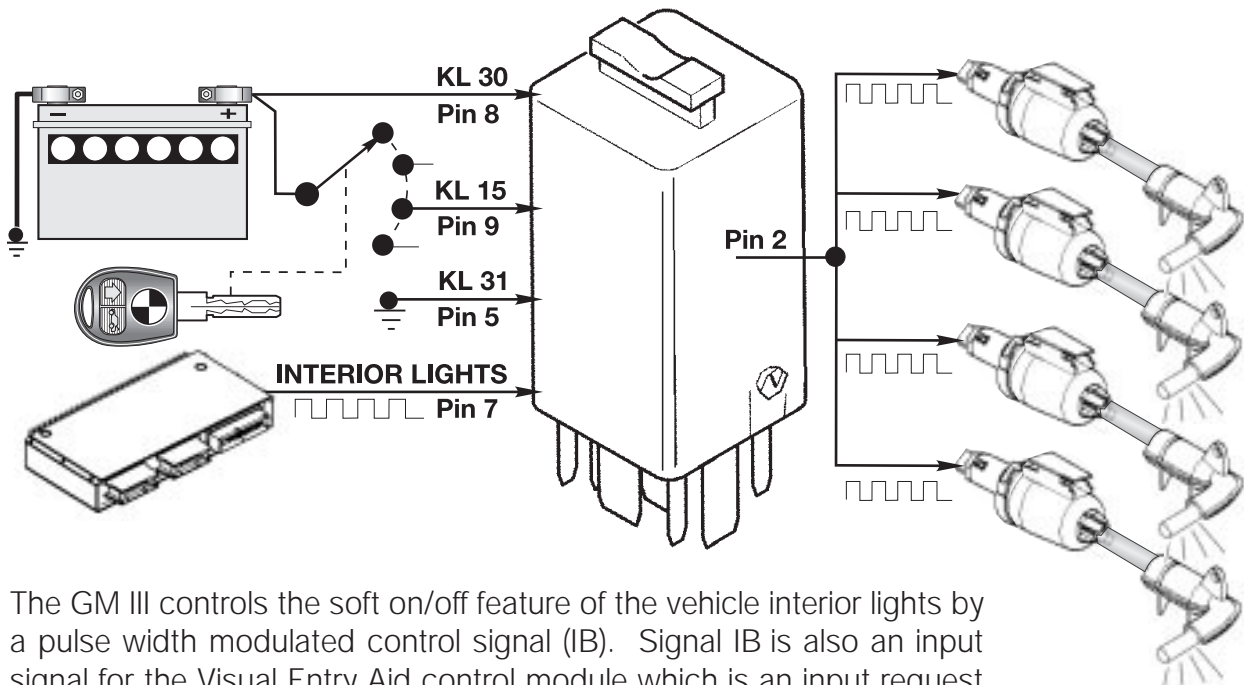
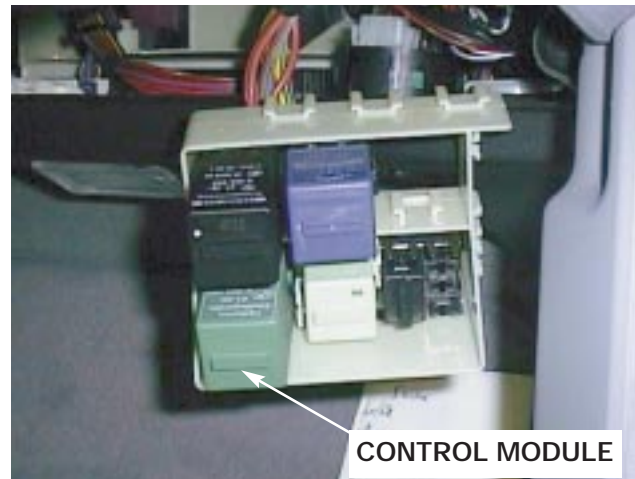
EXTERIOR DOOR HANDLE LIGHTING

COMPONENTS/OPERATION

Control Module: The Visual Entry Aid Control Module is located in the electrical carrier forward of the glovebox.

To control the system, the Visual Entry Aid control module requires:

- KL 30
- KL 15
- KL 31
- Interior Light control signal (GM Output)



The GM III controls the soft on/off feature of the vehicle interior lights by a pulse width modulated control signal (IB). Signal IB is also an input signal for the Visual Entry Aid control module which is an input request to simultaneously control (soft on/off) each exterior door light source.

Control Module Function:

Lights ON: The exterior visual entry aid lighting is activated "on" when the vehicle interior lights are activated "on" automatically by the GM III.

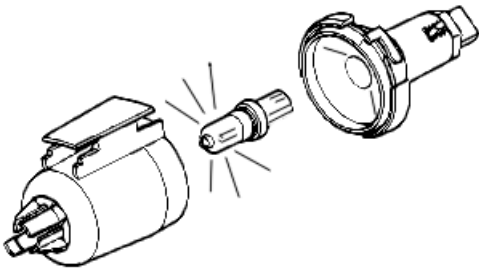
Lights OFF: Immediately after KL 15 recognition (immediate off -- no soft off function).

Soft off after a short delay once all doors are closed

After a maximum of 20 seconds "on" time (control module switches exterior visual entry aid lighting off regardless of interior light status).

Light Source Modules: Mounted in each door are the light source modules. The light source modules are made up of the housing, halogen bulb and reflector.

The reflector holds the bulb and focus the bulbs light into the housing. The bulbs are available for individual replacement (P/N 63 31 8 371 610).



Fiber Optic Light Conductor Cable: The fiber optic cables carry the light to their respective light output modules at each exterior door handle. **Installation note:** the bending radius of the fiber optic cable should be less than 20mm when installing.



PROTRUDING END OF LIGHT OUTPUT MODULE

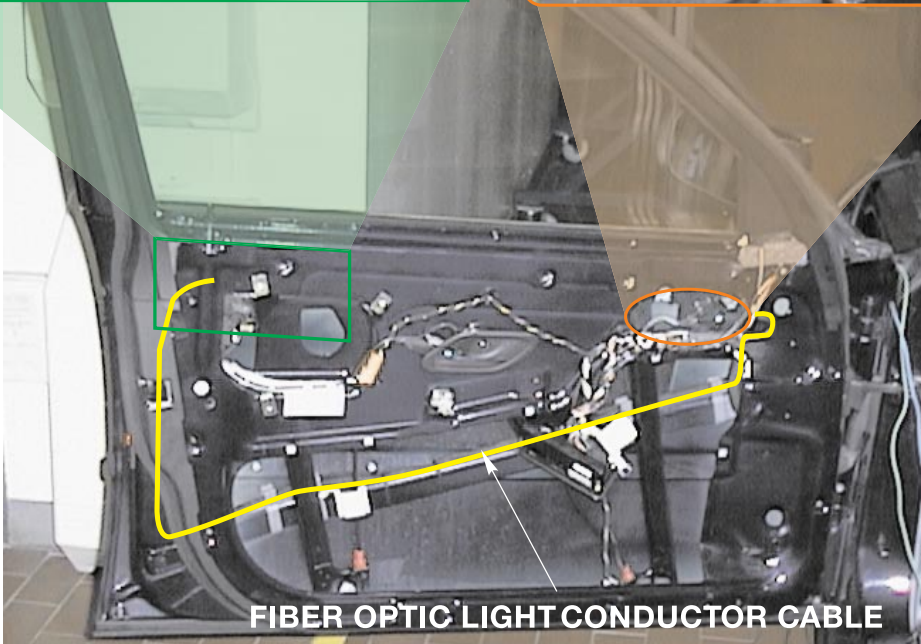
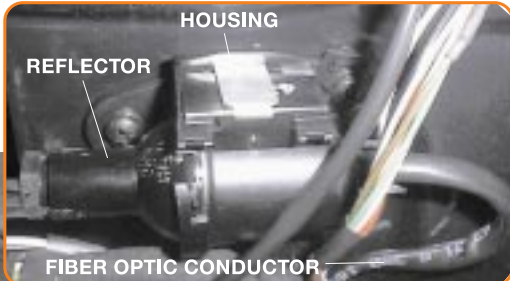
LIGHT OUTPUT MODULE



Light Output Modules: The exterior door handle frames have an additional mount to accept the light output module.

The light output modules carry the light from the conductor cables to the exterior door handle recess as well as casting a soft exterior light on the outside floor area.

LIGHT SOURCE MODULE



FIBER OPTIC LIGHT CONDUCTOR CABLE