

Volvo Chassis - Exterior Lights - Converting From Incandescent To LED Lamps; Hardware And Software Requirements And Programming Information - Model Year 2008 Through 2017



> Internal Content

Related links and attachments

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Change Parameters

When Changing lights from Incandescent to LED change the following parameters and parts on trucks build after 2008 and with US 2007 Emmisions.

Requirements

- Light Control Module (LCM) Hardware part numbers - 20865208, 20976406, 21326144, 21803280, 23274017
- Software part number - 21501276 or 21965197 **or higher** ([Update software as needed](#))
-

Note: If parameters are not changed, the LCM will set an current below normal, or open circuit fault

VN: Headlights

Accessory Kit : 85141183

- 22141241 Headlamp, LED, LH, Long, HL-LED
- 22141268 Headlamp, LED,RH, Long, HL-LED

VNM: Headlights

- No LED lights available

VHD/VAH

- 84731759 Headlamp, LED, Assy, RH,VHD/VAH
- 84731761 Headlamp, LED Assy, LH, VHD/VAH

Headlights Parameters

- DWU = 0 Head light high beam left low current
- DWV = 0 Head light high beam right low current
- ANJ = 0 Low beam left low current detection
- ANK = 0 Low beam right low current detect

Side Marker Lights

- HOY = 0 Right side LED low current fault deactivated
- HOW = 0 Left side LED low current fault disable

Tail Lights

- 21148937 Series 44 LED
- 21849284 Series 44 LED module
- 21148937 Super 44 LED module
- 84009061 Series 40 Incandescent Tail
- 82750867 Combination Incandescent Tail
- 21612155 Combination LED Tail
- 82731539 Series 60 LED Stop tail TL-LED60
- 21892480 Series 60 LED multi light Stop tail

Tail Lights Parameters

- BDC = 0 Rear parking lights low current
- BDD = 0 Brake lights / indicators low current
- BDE = 0 Brake lights/indicator low current
- SCA = 0 Direction Indicator/Rear Brake Lamp, L,Min Current
- SCC = 0 Direction Indicator/Rear Brake Lamp, R,Min Current
- SAY = 0 Park Lights, Rear (+LP), Snorkel Lamp, Min Current

Back of cab working lights Parameters

- MOG = 0 Back of cab fault detection
- BUT = 0 Back of cab light

Fog lights Parameters

- SBO = 0 Fog lights min current



Tags

LED

K63404356



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