

**Volvo Models****Volvo Model** VNL , VNM , VHD , VAH**Engine family**

Engine family Cummins , Volvo , D12 , 16L Engine

Emission Standard

Emission Standard US04

**** SOLUTION ******Title** Volvo Chassis - Charging Lamp (Battery Light, Alternator Light) Illuminated (ON) In The Instrument Cluster After The Cluster Is Replaced - **US04 Emissions, Model Years 2005 to 2007****Cause** The low battery warning / charging light remains on after a replacement cluster has been installed in a Volvo US04 chassis.**Solution** On a Volvo US04 Chassis that has had a replacement cluster just installed and the low battery warning is being displayed, advise to confirm if there is a diode in the circuit wire number " 14 " . This will be indicated by a bulge in the harness approximately 1 foot from the back of the cluster.from connector port " C " pin " 7 " wire number " 14 " . This diode must be removed before the light will go off. Note: Some chassis have been found to have the diode installed in circuit wire number " 14 " at the alternator end of the circuit especially on VHD models.Solution visibility [Dealer distribution](#)**Function(s)/component(s) affected**

Function affected dashboard/information display , MID 140 – IC04 / IC05

Function Group

Function Group 31 battery; energy storage system; mounting parts , 32 alternator and charge regulator , 381 combined instrument

Customer effect

Main customer effect diagnostics/methodology , fault code/display

Lights/Messages on information display message on display , ALTERNATOR , ALTERNATOR No longer charging Risk of immobilization , GO TO WORKSHOP BATTERY VOLTAGE FAULT

Conditions

Vehicle operating mode when driving , when stationary

Warning light/lamps /pictograms red

Other conditions after a workshop procedure on the vehicle

Administration

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Last modified by RU4469V

Creation date 17-03-2016 18:03

Date of last update 14-08-2018 22:08

Status Published