



MAINTENANCE INFORMATION

MI20-81

DATE :	April 2020	SECTION :	06 ELECTRICAL
SUBJECT :	AVOID WATER INFILTRATION IN MARKER LIGHTS		

First Release

05-05-2020

IMPORTANT NOTICE

This modification is recommended by PrevoSt to increase your vehicle's performance. Note that no reimbursement will be awarded for carrying out this modification.

APPLICATION

Model	VIN
Volvo 9700 Model Year : 2019 -2021	 Before 3CET2V922L5200491.

DESCRIPTION

This maintenance information explains the correct installation of marker lights, to avoid water infiltration on Volvo coaches.

MATERIAL

Order the following parts:

Part No.	Description	Qty
8714430	Adhesive Sealant, Sikaflex 221-Black	1*200
8714384	Aktivator 100, Adhesion Promoter	1*50

Order the following parts as required:

Part No.	Description	Location	Qty
20480486	Side Marking Lamp, With Reflex Reflector	Front	1
21277203	Lamp, Sidemarker DOT-Amber	Side Front	1
21277205	Lamp, Sidemarker DOT-Red	Side Rear	1
70364302	Side Marking Lamp, With Reflex Reflector	Rear	1

TOOLS:

Part No.	Description	Qty
9998081	Torque Wrench (0.6 N/m - 6 N/m)	1

PROCEDURE



DANGER

Park vehicle safely, apply parking brake, stop engine. In the battery box, set the battery cut-off switch to the OFF position prior to working on the vehicle.

Lock out & Tag out (LOTO) must be performed during set-up, maintenance or repair activities. Refer to your local procedure for detailed information regarding the control of hazardous energy..

REMOVAL

1. Turn OFF the vehicle.
 1. Remove the key.
 2. Wait at least 20 seconds.
 3. Turn OFF the main switch.
 4. Turn OFF the batteries switch.

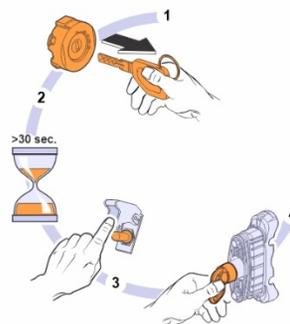


FIGURE 1

2. Remove the marker light cover.
Remove the marker light.
Unplug the connector from harness.



FIGURE 2

3. Remove the remaining adhesive and sealant from surface where the marker light was placed.



FIGURE 3

- Clean the surface where the marker light was placed with **Sika® Aktivator 100**.

NOTE

Drying time Specified on “Adhesive and Sealant” document available on Impact.



FIGURE 4

INSTALLATION

- Apply sealant **Sika® 221** around the hole where the harness pass and the surface where the marker light will be place.



FIGURE 5

- Plug the connector to the harness.
Install the marker light.
Install the marker light cover.

NOTE

Use the marker light as required.



FIGURE 6

- Use a screwdriver to install the marker light until it has seated against the bus. Make sure to screw the marker light down evenly and to not over tighten the screws.

NOTE

Do not tighten the screws.



FIGURE 7

8. Using the torque wrench tighten the screws to 2.1 ± 0.1 N/m.



FIGURE 8

9. Apply sealant **Sika® 221** around the marker light.



FIGURE 9

10. Turn ON the vehicle.
 1. Turn ON the batteries switch.
 2. Turn ON the main switch.
 3. Wait at least 20 seconds.
 4. Insert the key and turn on the vehicle.

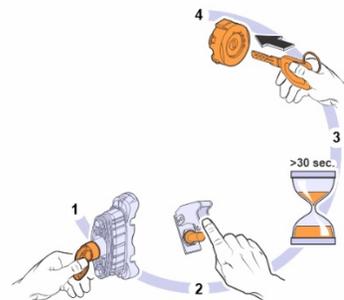


FIGURE 10

PARTS / WASTE DISPOSAL

Discard according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)