



# MAINTENANCE INFORMATION

## MI20-88

DATE : 29	April 2019	SECTION : 18	BODY
SUBJECT :	<b>PLYWOOD REFURBISHMENT, PASSENGERS AREA</b>		

First Release

12-22-2020

### *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
Volvo 9700 Model Year : 2013 - 2018

### DESCRIPTION

This Maintenance information bulletin describes the plywood refurbishment procedure of the passenger's area on Volvo coaches.

### MATERIAL

Include the following parts:

Part No.	Description
8714867	Bostik butyl tape 9000-92
8715036	Sealant Marvilflex
70358043	Heat insulation
8714430	Adhesive Sealant

Date	Part No.	Name	Description	Variant
2013w07	21674738	Plywood Floor	Floor - WCL	WCL
	21674736	Plywood Floor	Floor - UWCL	UWCL
	70368852	Cross Recessed Sunk Screw, 10-24 Phillips	N° 10-24*28 Steel Zn	

	70372860	Cross Recessed Sunk Screw, 10-24 Phillips	10-16 Phillips Oval Head	
	8715036	Sealant	Rellenador Marvilflex	
	8714430	Adhesive Sealant	Sikaflex 221-Black	
	8714867	Bostik Butyl Tape 9000-92		
	21385047	Floor, Vinyl Mat US10	Pvresv17 2000x2.1 (Wxt)	
	70357816	Cord	Welding Grey (Pvc Resins)	
2013w19	21674738	Plywood Floor	Floor - WCL	WCL
	21674736	Plywood Floor	Floor - UWCL	UWCL
	70368852	Cross Recessed Sunk Screw, 10-24 Phillips	N°10-24*28 Steel Zn	
	70372860	Cross Recessed Sunk Screw, 10-24 Phillips	10-16 Phillips Oval Head	
	21385047	Floor, Vinyl Mat US10	Pvresv17 2000x2.1 (Wxt)	
	70357816	Cord	Welding Grey (Pvc Resins)	
2014w11	21674738	Plywood Floor	Floor - WCL	WCL
	21674736	Plywood Floor	Floor - UWCL	UWCL
	70368852	Cross Recessed Sunk Screw, 10-24 Phillips	N°10-24*28 Steel Zn	
	70372860	Cross Recessed Sunk Screw, 10-24 Phillips	10-16 Phillips Oval Head	
	70357816	Cord, Welding Grey	Welding Grey (Pvc Resins)	MAT-L1
	21385047	Floor, Vinyl Mat US10	Pvresv17 2000x2.1 (Wxt)	
	22255711	Floor Covering		MAT-L2
	21959378	Cord, Welding Honey	Honey Color	

2014w25	21674738	Plywood Floor	Floor - WCL	WCL
	21674736	Plywood Floor	Floor - UWCL	UWCL
	70368852	Cross Recessed Sunk Screw, 10-24 Phillips	N°10-24*28 Steel Zn	
	70372860	Cross Recessed Sunk Screw, 10-24 Phillips	10-16 Phillips Oval Head	
	70357816	Cord, Welding Grey	Welding Grey (Pvc Resins)	MAT-L1
	21385047	Floor, Vinyl Mat US10	Pvresv17 2000x2.1 (Wxt)	
	22255711	Floor Covering		MAT-L2
	21959378	Cord, Welding Honey	Honey Color	
2014w51	21674738	Plywood Floor	Floor - WCL	WCL
	21674736	Plywood Floor	Floor - UWCL	UWCL
	70368852	Cross Recessed Sunk Screw, 10-24 Phillips	N°10-24*28 Steel Zn	
	70372860	Cross Recessed Sunk Screw, 10-24 Phillips	10-16 Phillips Oval Head	
	70357816	Cord, Welding Grey	Welding Grey (Pvc Resins)	MAT-L1
	21385047	Floor, Vinyl Mat US10	Pvresv17 2000x2.1 (Wxt)	
	22255711	Floor Covering		MAT-L2
	21959378	Cord, Welding Honey	Honey Color	
2016w24	21674738	Plywood Floor	Floor - WCL	WCL
	21674736	Plywood Floor	Floor - UWCL	UWCL
	70368852	Cross Recessed Sunk Screw, 10-24 Phillips	N°10-24*28 Steel Zn	
	70372860	Cross Recessed Sunk Screw, 10-24 Phillips	10-16 Phillips Oval Head	

	70357816	Cord, Welding Grey	Welding Grey (Pvc Resins)	MAT-L1
	21385047	Floor, Vinyl Mat US10	Pvresv17 2000x2.1 (Wxt)	
	22255711	Floor Covering		MAT-L2
	21959378	Cord, Welding Honey	Honey Color	
2018w29	23399832	Plywood	Restroom	SEATRF/WC L
	23399839	Plywood	Restroom	SEATRF/UW CL
	22314214	Plywood	Restroom	USETRF/WC L
	23399784	Plywood	Restroom	USETFR/WC L
	23399786	Plywood	Restroom	USETFR/UW CL
	21959378	Cord, Welding Honey	Honey Color	MAT-L3
	22255711	Floor Covering		MAT-L3
	23248027	Floor Covering	Gray With Silver Sparkles	MAT-L4
	70357816	Cord, Welding Grey	Welding Grey (Pvc Resins)	MAT-L1
	21385047	Floor, Vinyl Mat US10	Pvresv17 2000x2.1 (Wxt)	MAT-L1
	70368857	Cross Recessed Sunkscrew 8x1 1/4"		
	70368859	Cross recessed sunk screw		

<b>NOTE</b>
<i>Material can be obtained through regular channels.</i>

## 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. Drain the coolant.
  - a) Switch off the power supply.
  - b) Open the service hatches.
  - c) Close the cocks for the bus heating system.
  - d) Remove the cap from the expansion tank.
  - e) Position the coolant vehicle under the engine. Connect drain hose 9996049 to the nipple under the engine and drain off the coolant.
  - f) Place a collection vessel under the radiator.
  - g) Remove the lower radiator hose on the radiator and drain off the coolant.
  - h) If the vehicle is fitted with a retarder, drain this also.

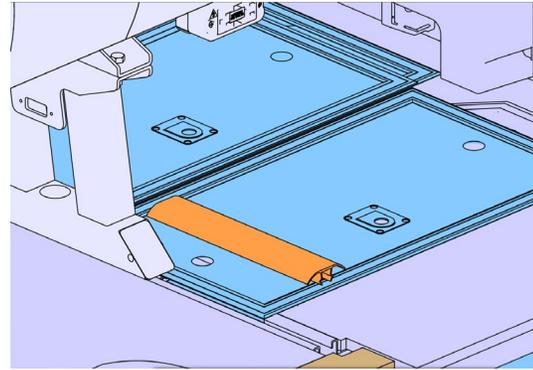
**NOTE:** If it is necessary to empty the remaining amount of coolant from the radiator, remove the radiator's drain plug.

2. Unplug the connectors from the harness seat power outlet.

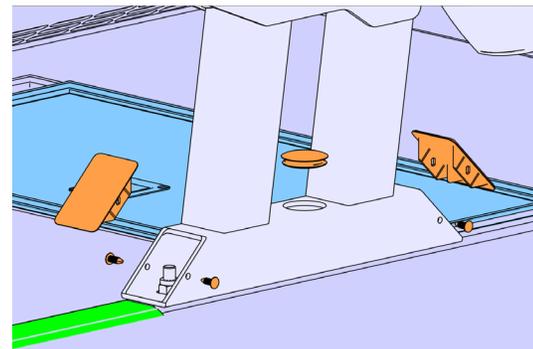


3. Unplug the connectors from the screens

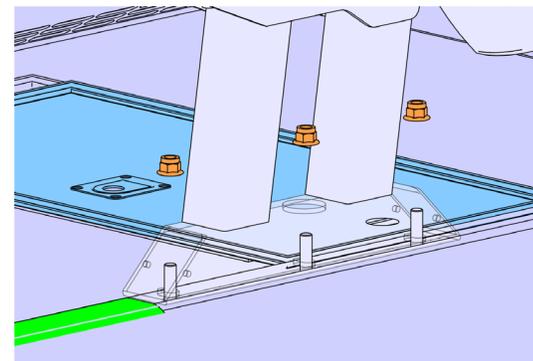
4. Remove the passenger seats.
- a) Mark the passenger seat position on the rails.
  - b) Remove the plastic covers.



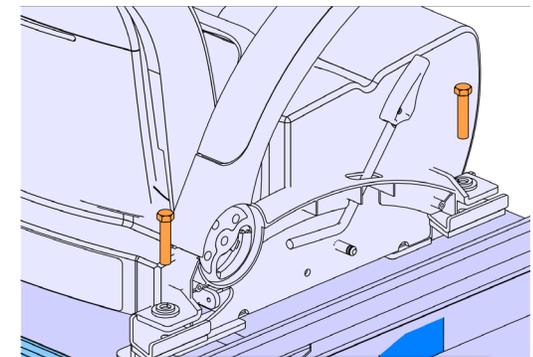
- c) Remove the rear, middle and front caps to access the nuts.



- d) Remove the nuts.



- e) Remove the screws from the aluminum rails.

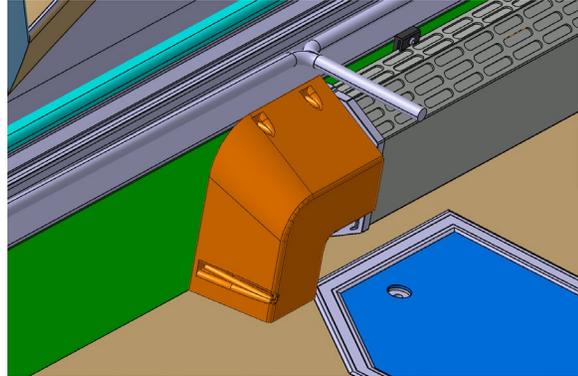


- f) Remove the seat through the rail.
- g) Remove the seat.

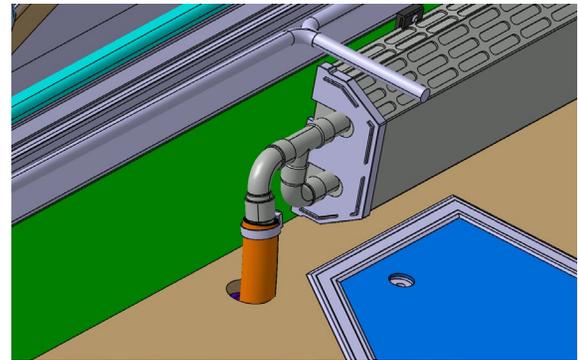
**NOTE :** Remove the seats from the front to the rear section.

5. Remove the heater system.

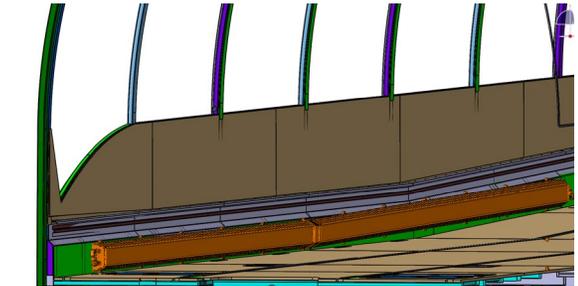
a) Remove the protecting covers (front and rear section)



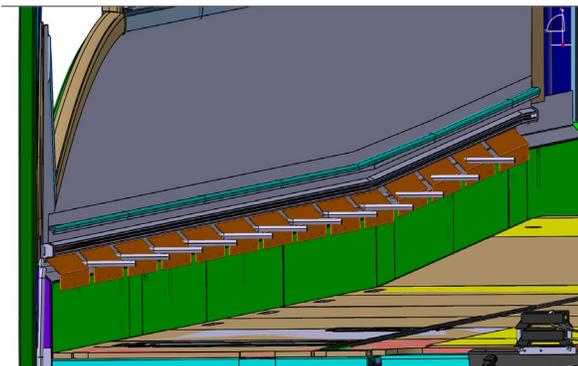
b) Remove the clamp and disconnect the hose from the heater assembly on the front and rear section.



c) Remove the heater convector.

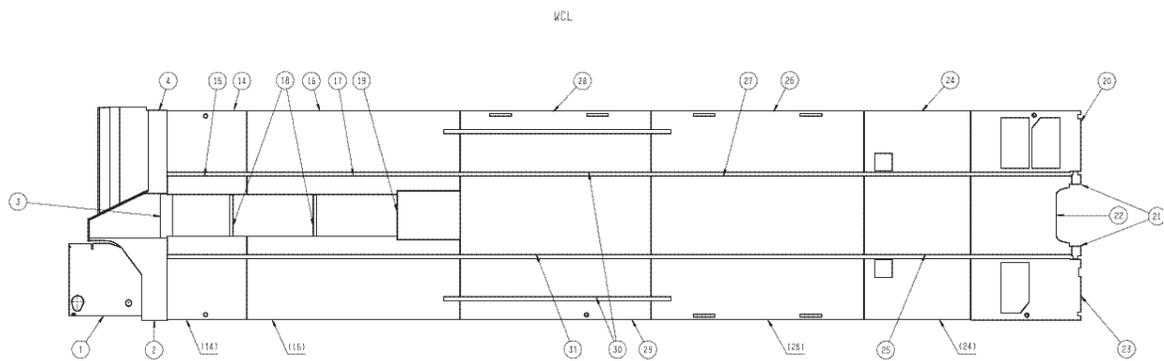
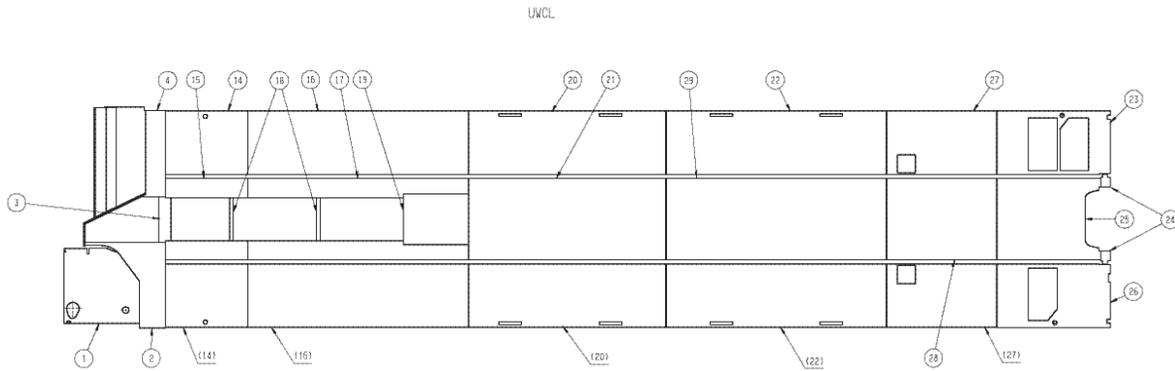


6. Remove the cover moulding



7. Remove the floor covering

8. Check if the wood is damaged. If the wood is damaged, replace it. Identify the damage area.



9. Remove the cross recessed sunk screw
10. Take off the plywood

## INSTALLATION

1. Clean the floor frame.



2. Check over the frame, if the central pieces need to be cut so that the wood fits the frame.
3. If an adjusted is required do it with a suitable tool.
4. Place bostik butyl tape on the frame.

5. Remove the butyl cover.



6. Apply Sika Flex on the frame on both sides and in the luggage compartment area.



7. Place the central pieces and press them.

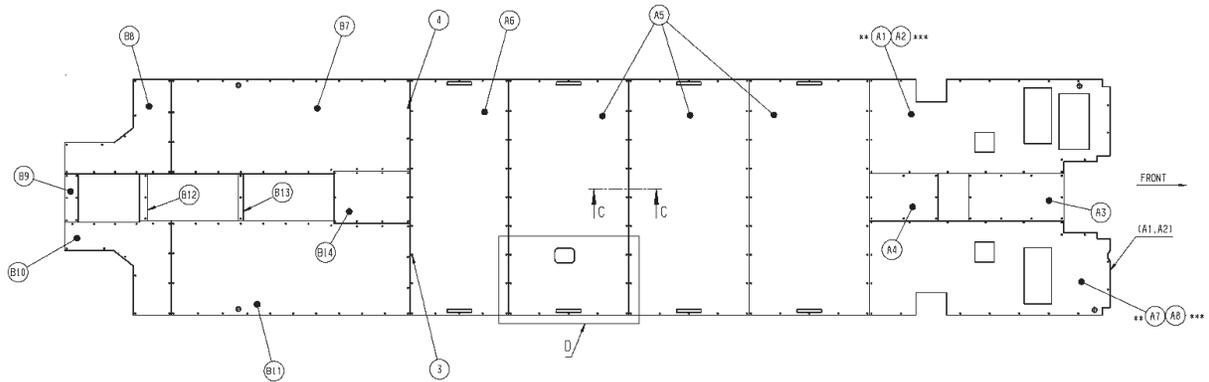


8. Mark the place where the cross recessed sunk screw will be installed.



9. Drill holes on the marked places and install the cross recessed sunk screw.





10. Adhere the heat insulation.
11. Place the pieces with heat insulation on the frame.
12. Polish the unions before paste them.
13. Apply filler Marvilflex in the unions of plywood and on the screws to avoid marking in the linoleum. Paste the unions and the cross recessed sunk screw

8715036 Sealant Marvilflex.

14. Polish the excess of sealant.



### Install the floor covering

15. Polish or fiber lamination dust covers.



16. Sweep the wood floor so that remove dust and/or wood remains. Then use a wet cloth with thinner or alcohol to clean the plate.



17. Remove the linoleum cover and extend it



18. Place the linoleum by turning it over and stick it little by little as shown



19. Make cuts as required in corners and joints to ensure sealing under the rail and without of bends.



20. Press the linoleum to ensure the adhesion.



21. Apply heat with the gun to make the linoleum more flexible and ensure a better adhesion.



22. Place accord weld for linoleum as show the image.



23. Install the heater system.

24. Install the passenger seats according with the marks.

25. Plug the connectors of the harness.

26. Fill the coolant.
- a) Connect the filler hose to the engine.
  - b) Fill with the correct amount of coolant via the engine's nipple, or fill with coolant through the expansion tank. Remove the filler hose.
  - c) Fit the cap on the expansion tank.
  - d) Open the cocks to the bus heating system.
  - e) Turn on the main switch.
  - f) Warm up the engine and check for leaks. Top up with coolant as necessary.  
Note: Different types of coolants must not be mixed.
  - g) If necessary, bleed the heating system. See directions for the respective models.
  - h) Close the service hatches.

## **PARTS / WASTE DISPOSAL**

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