



MAINTENANCE INFORMATION

MI20-89

DATE : 29	April 2019	SECTION : 18	BODY
SUBJECT :	PLYWOOD	REFURBISHMENT,	LUGGAGE COMPARTMENT.

First Release

22-12-2020

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 From Model Year : 2017

DESCRIPTION

This Maintenance Information bulletin describes the plywood refurbishment procedure of the luggage compartment on Volvo coaches.

MATERIAL

Include the following parts:

Part No.	Variant	Description	Qty
8714867		BOSTIK BUTYL TAPE 9000-92	53 m
8715036		SEALANT AND CATALYST (100 ml sealant and 2 ml catalyst)	500 ml
8714628		ADHESIVE SEALANT, SIKAFLEX 221-GREY	600 ml
8714628		GLUE, PROBST 4000	3750 ml
70368863		BLIND RIVET	50
70368852		SCREW 10-24 PHILLIPS	220
70368861		CROSS RECESSED SCREW, 8-18 X 3/4 METAL	12
21552859 (1)	UWCL	PLYWOOD, FLOOR	1
1542770 (2)	UWCL	PLYWOOD, FLOOR	1
21542766 (3)	UWCL	PLYWOOD, FLOOR	2
21542772 (4)	UWCL	PLYWOOD, FLOOR	1

21609627 (5)	UWCL	PLYWOOD, FLOOR	1
21609635 (7)	WCL	PLYWOOD, FLOOR	1
21609633 (8)	WCL	PLYWOOD, FLOOR	1
21609631 (9)	WCL	PLYWOOD, FLOOR	1
21542772 (10)	WCL	PLYWOOD, FLOOR	1
21542766 (11)	WCL	PLYWOOD, FLOOR	1
21609627 (12)	WCL	PLYWOOD, FLOOR	1
21300395		FLOOR PLATE, LUGGAGE COMPARTMENT	1
21276269		FLOOR PLATE, LUGGAGE COMPARTMENT	2
21276271		FLOOR PLATE, LUGGAGE COMPARTMENT	1
21276267	UWCL	FLOOR PLATE, LUGGAGE COMPARTMENT	1
21291309	WCL		
21276265	UWCL	FLOOR PLATE, LUGGAGE COMPARTMENT	1
21291308	WCL		
70368852		SCREWS (PLYWOOD)	100
70357816		CORD, WELDING GREY	8 m

NOTE

Material can be obtained through regular channels.

PROCEDURE



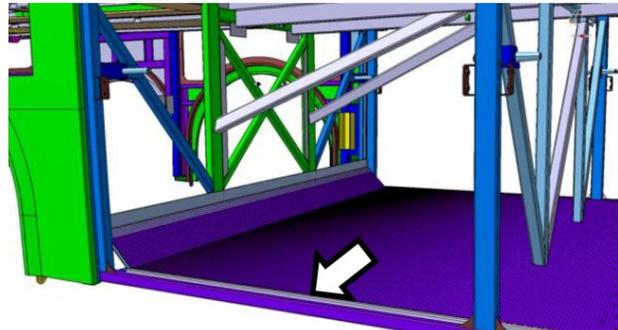
DANGER

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.

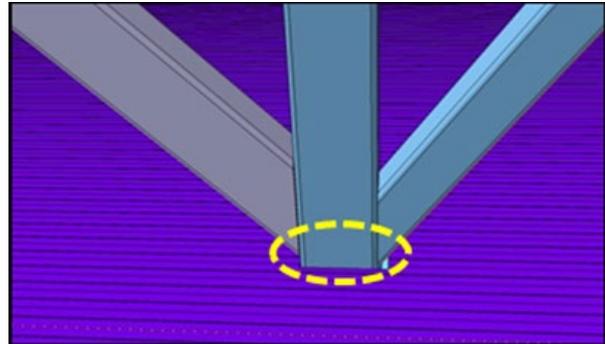
Lock out & Tag out (LOTO) must be performed during set-up, maintenance or repair activities. Refer to your local procedure for detailed information regarding the control of hazardous energy.

REMOVAL

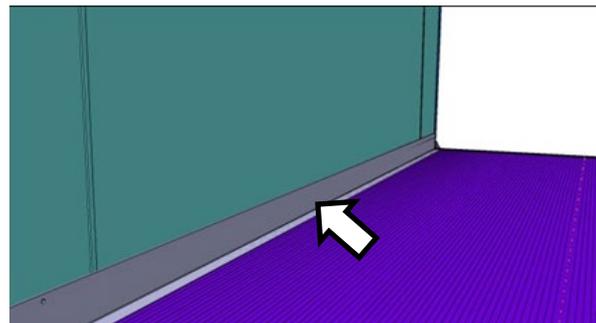
1. Remove the rivets from the moulding by using a drill bit.

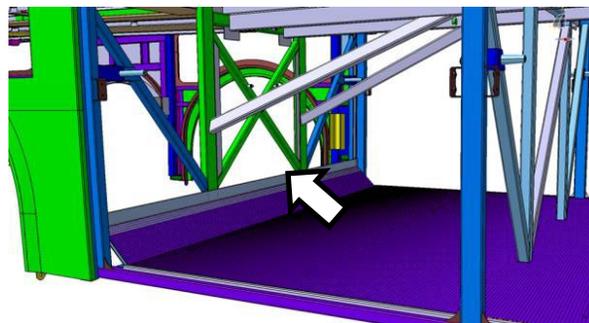


2. Cut off the sealant around the profiles.



3. Remove the cord between the linoleum.
4. Remove the edge plates.





5. Remove the linoleum.
6. Remove the plywood.

NOTE : This will be used as reference to mark the new plywood.

7. Remove the Bostik butyl tape.

INSTALLATION

8. Clean the surface with a cloth.



9. Paste the new Bostik butyl tape 8714867 on the profile surface.



10. Apply sealant 8714628 on the perimeter of the luggage compartment profiles.

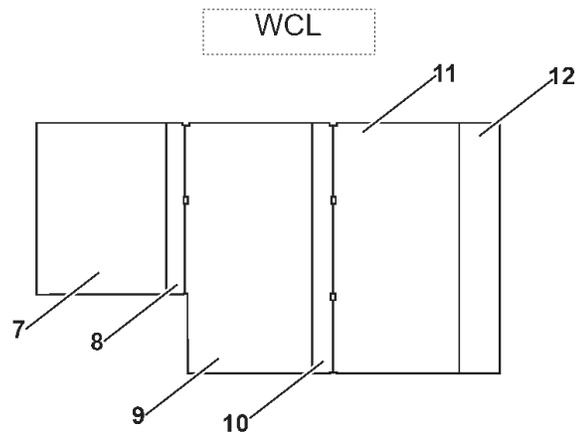
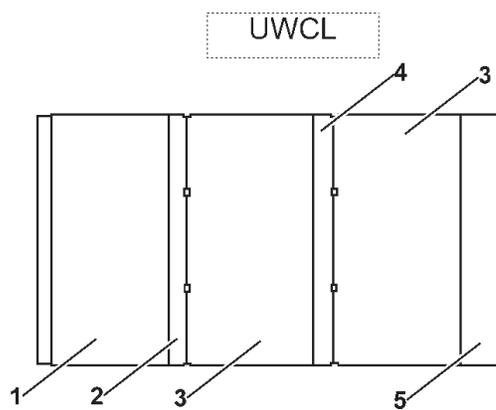


11. Reuse the old plywood as shape reference in order to mark the perimeter of the cutouts on the new plywood.

12. Install the plywood as showed in the illustration. Use a self-drilling screw 70368852; avoid fixing the screw on original drilled holes.

NOTE: The clearance between each fixation just as reference 450mm. Should be screwed closer depending of plywood level position.

Complement with reference drawing
22732671



NOTE: The fixation between plywood should be as the following illustration.



13. Mix the sealant and catalyst 8715036, and then apply it on the wood imperfections in order to have a flat surface.

NOTE: Let dry the paste base for 20 minutes.

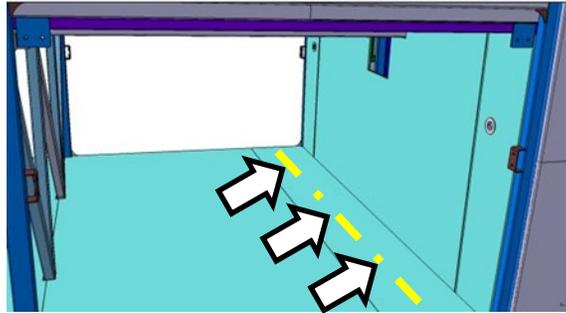


14. Perform a soft sanding over the paste applied in order to obtain a smooth surface.





15. Apply adhesive 8714628 over plywood surface.



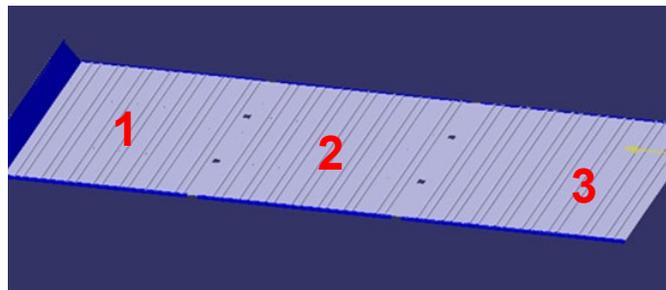
16. Place the linoleum by starting from the wall and press uniformly with a wedge tool in order to secure the edges pasted.



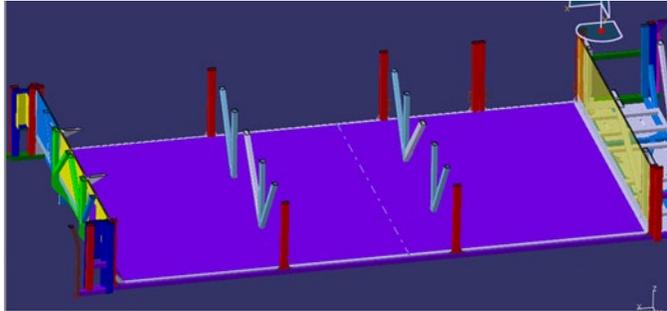
NOTE : Never start pasting the linoleum in the middle of the plywood.



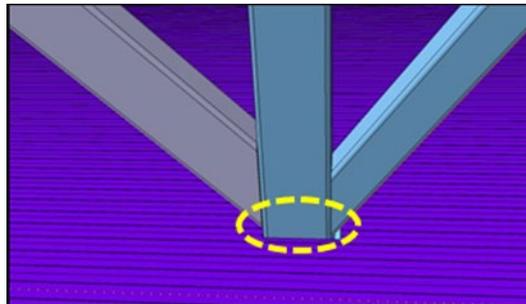
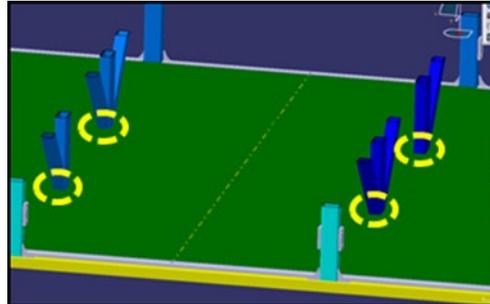
17. The linoleum installation has to be performed in three sections.



18. Apply the cord welding grey 70357816 between the linoleums already installed.



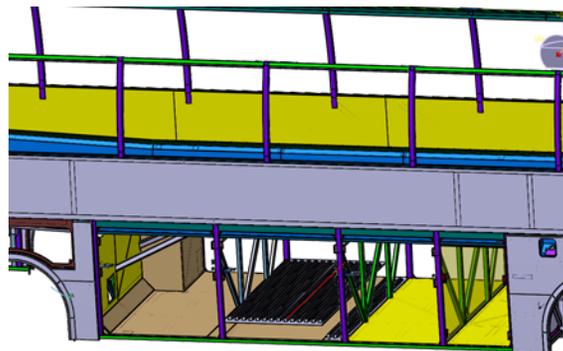
19. Seal 8714428 the gap between the linoleum and profiles.

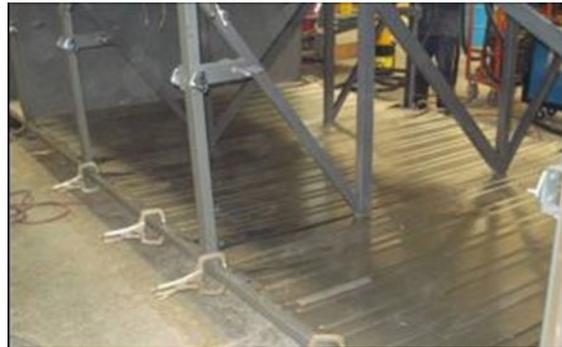


20. Apply sealant 8714628 on the plywood.

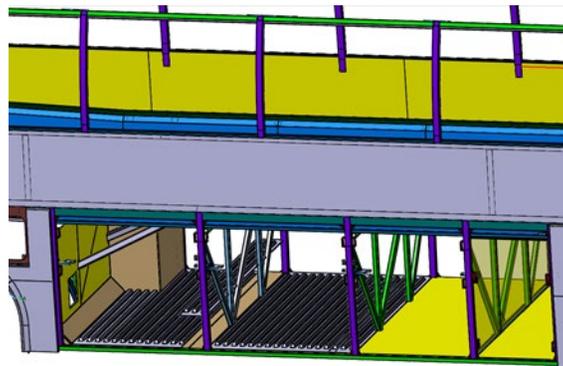


21. Install the central floor plates 21276271 and 21276269 and hold them with C-pliers on the edge.

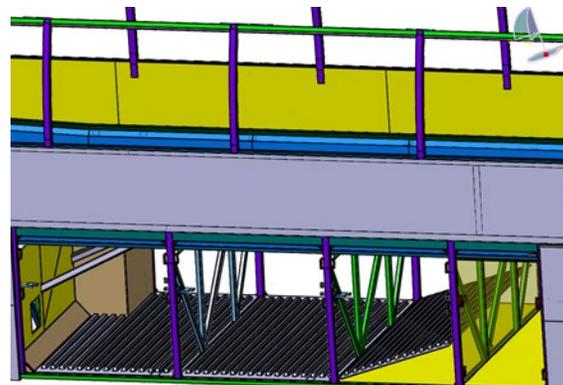




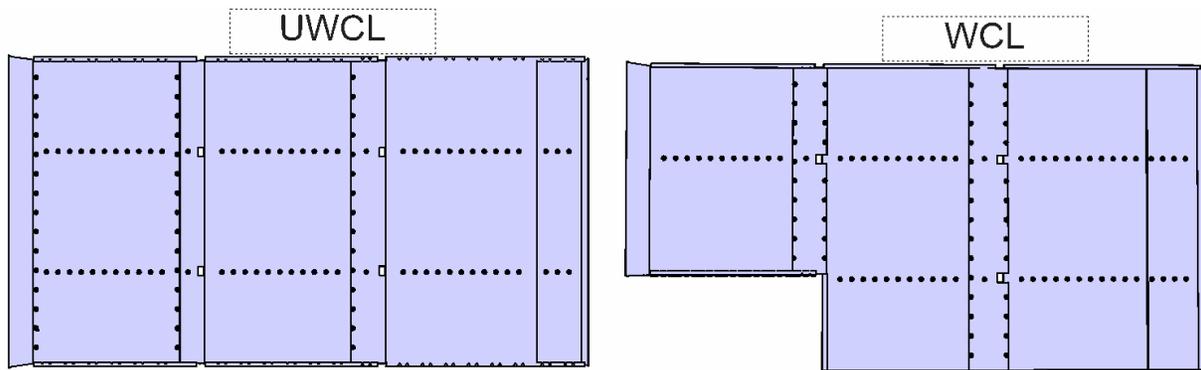
- 22. Install the central floor plates 21276265 and 21276267 for UWCL variant or 21291308 and 21291309 for WCL variant; and hold them with C-clips on the edge.



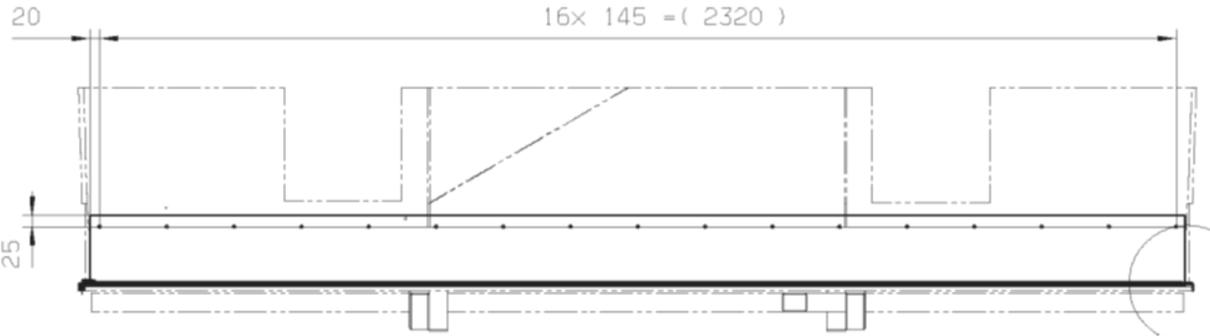
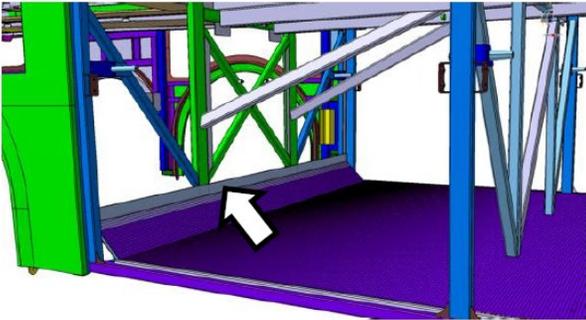
- 23. Install the central floor plates 21300395 and 21276269 and hold them with C-pilers on the edge.



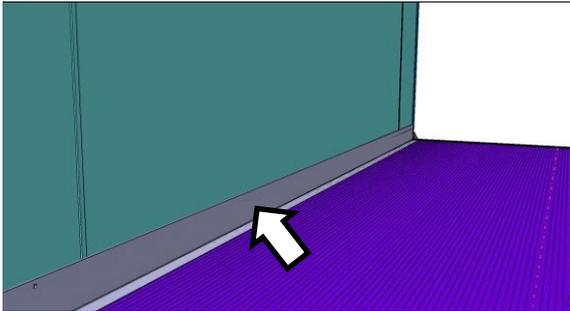
- 24. Place screws 70368852 between floor plates and in the middle of the plates as the image show it.



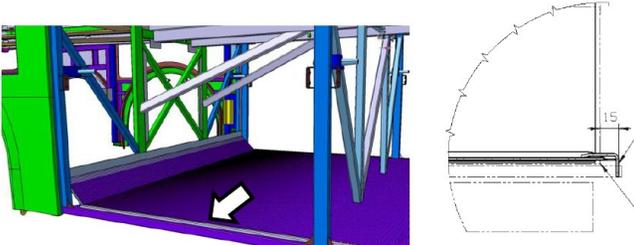
25. Install the plate moulding with 17 cross recessed sunk screws 70368852 distributed along the plate as showed the diagram below. Reuse the drill hoses.



26. Install the front plate with 12 cross recessed sunk screw 7036886. Reuse the drill holes.



27. Reinstall the moulding and fix with blind rivets 70368863. Reuse the drill holes.



PARTS / WASTE DISPOSAL

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