

REFERENCE:	Nova Bus Manuals
SECTION:	14 Heating and ventilation
RS N°:	MQR 7621-566
EFFECTIVE IN PROD.:	—

APPLICATION DEADLINE:
2014MA11

SUBJECT:	Thermo king HVAC Return air filter
JUSTIFICATION:	Retainers are missing which may allow air to bypass the filter.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Replace the grills by a new concept of grill	Client	Client	2h
2	—	—	—	—

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
52 LF	8861205	—	TAPE V778 1/4" THK X 3/4"WIDTH	—
26	N11821	—	BOLT HEX M6 GR8.8 YP DIN933	—
6	N24153	—	SCREW M6X20	—
6	N24407	—	LOCKNYL M6 SS GR A2 DIN 985	—
8	N26256	D	HINGE VENTILATION GRILL	—
24	N26262	—	RIVET	—
26	N30499	A	RIVNUT M6 YL OP 0.7-4.2	—
12	N58149	—	LATCH QUARTER TURN	—
4	N66233	B	GRILL AIR RET TKA (WHITE) NYCT	—
4	N66235	B	FILTER AIR RET TKA	—
1	N68128	—	SHEET STR	—
1	N68129	—	SHEET STR	—
1	N68130	—	SHEET STR	—
1	N68131	—	SHEET STR	—
1	N72580	—	RETAINER FILTER STR	—
1	N72581	—	RETAINER FILTER STR	—
1	N72582	—	RETAINER FILTER STR	—
1	N72583	—	RETAINER FILTER STR	—
LEVEL 2				
—	—	—	—	—

Materials will be available within 45 days. To order, please contact Prevost Parts by phone at 1-800-771-6682, by fax at 1-888-668-2555 or by email at prevostparts.commandes@volvo.com. Specify document number, quantity of parts required and shipping address.

DISPOSAL OF PARTS

REMOVED PARTS ARE:	DISCARDED *	RETAINED	* Dispose of the unused parts and the defective parts in accordance with local environmental standards in effect.
	Yes	–	

REVISION HISTORY

REV.	DATE	CHANGE DESCRIPTION	WRITTEN BY
NR	2013FE06	Initial release	Danielle Lacroix

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
New York City Transit - New York	L670	5771	5857	S92U9B4000147	S92U3B4000242	87

**WARNING**

Follow your internal safety procedures.

PROCEDURE

- 1.1. Remove the grills of the HVAC Return air system by removing the screws while holding the grill. See Figure 1.
- 1.2. Attach two hinges to each new grill using three rivets per hinge. See Figure 2.
- 1.3. Install the latches on the grill, the tongue must face towards the middle in the unlocked position. Torque the nuts as indicated in Figure 2.
- 1.4. Install the foam tape inside the grill, on the outside perimeter. Don't tape over the hinges. See Figure 2.

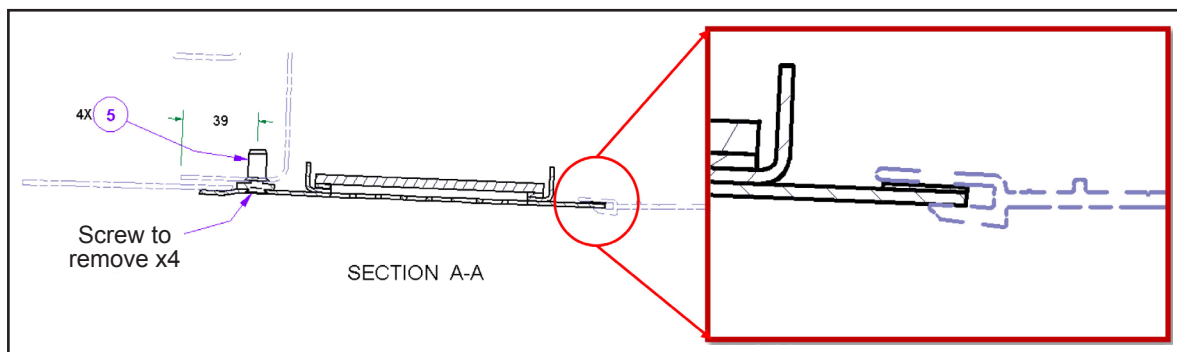


Figure 1- Removal of the Current Grill

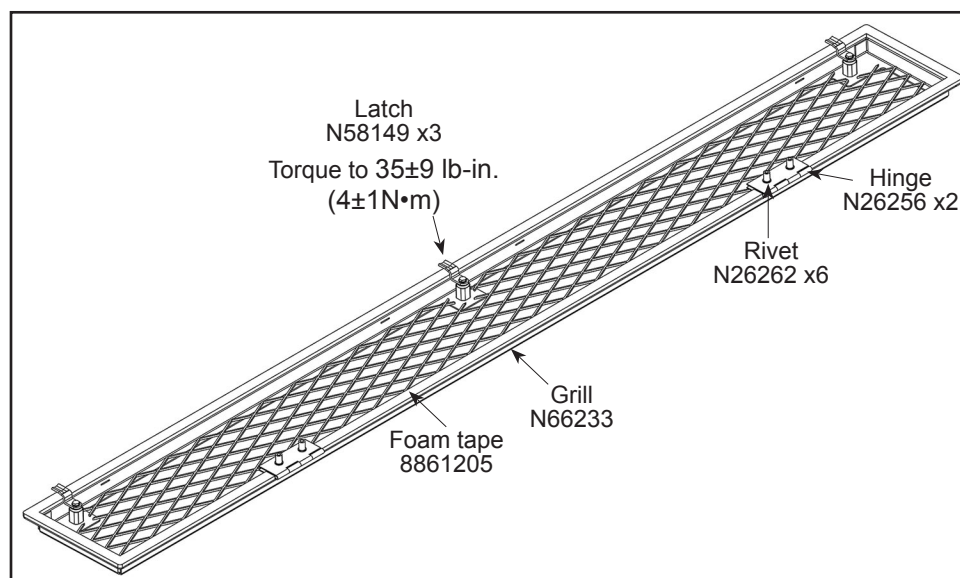


Figure 2 - Preparation of the New Grill

- 1.5. Install the locking plates on the structure to allow the locking of the latches. See Figures 3 and 4 for the FRONT part of the vehicle and Figures 5 and 6 for the REAR part of the vehicle.

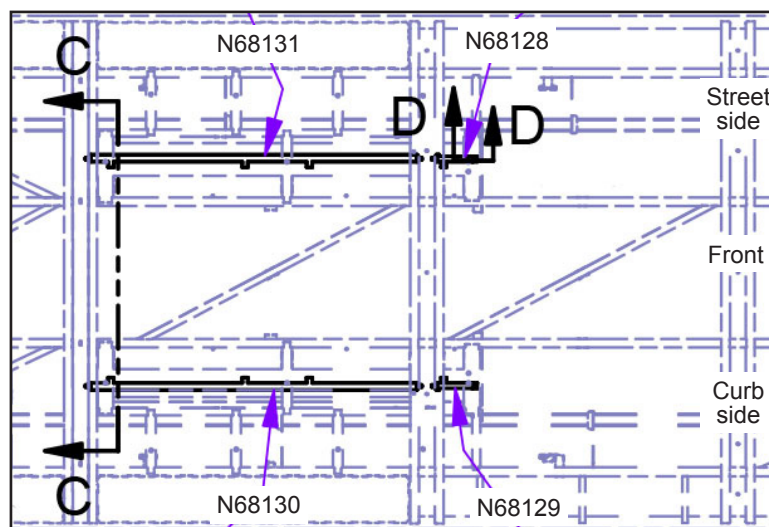


Figure 3 - Location of the Front Locking Plates (View From Inside)

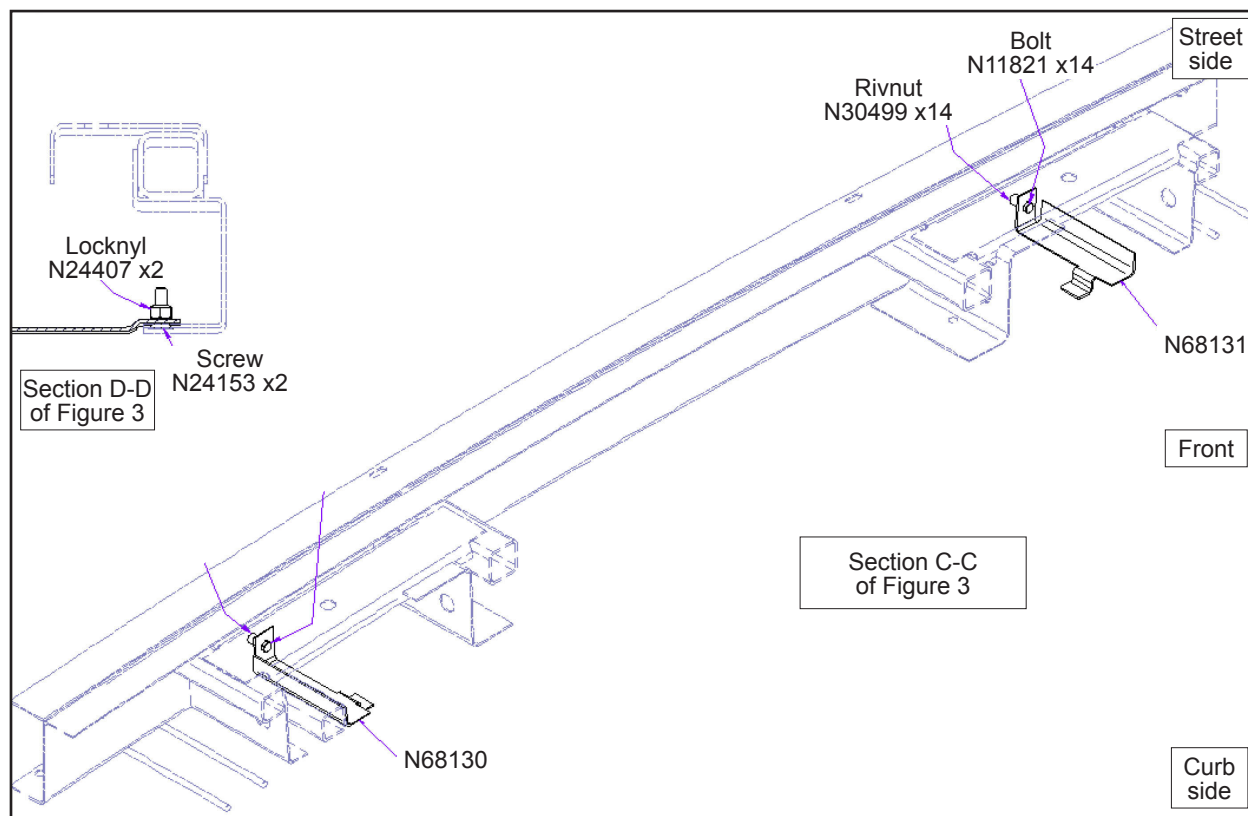


Figure 4 - Installation of the Front Locking Plates

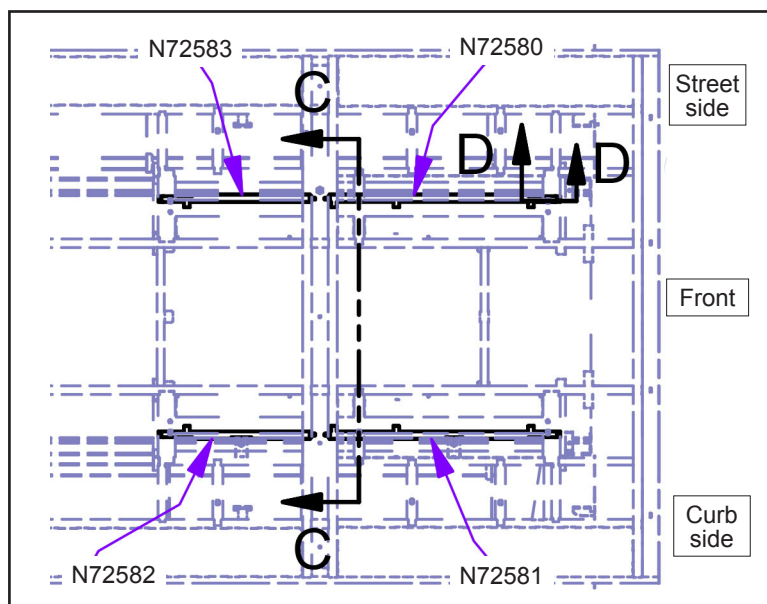


Figure 5 - Location of the Rear Locking Plates (View From Inside)

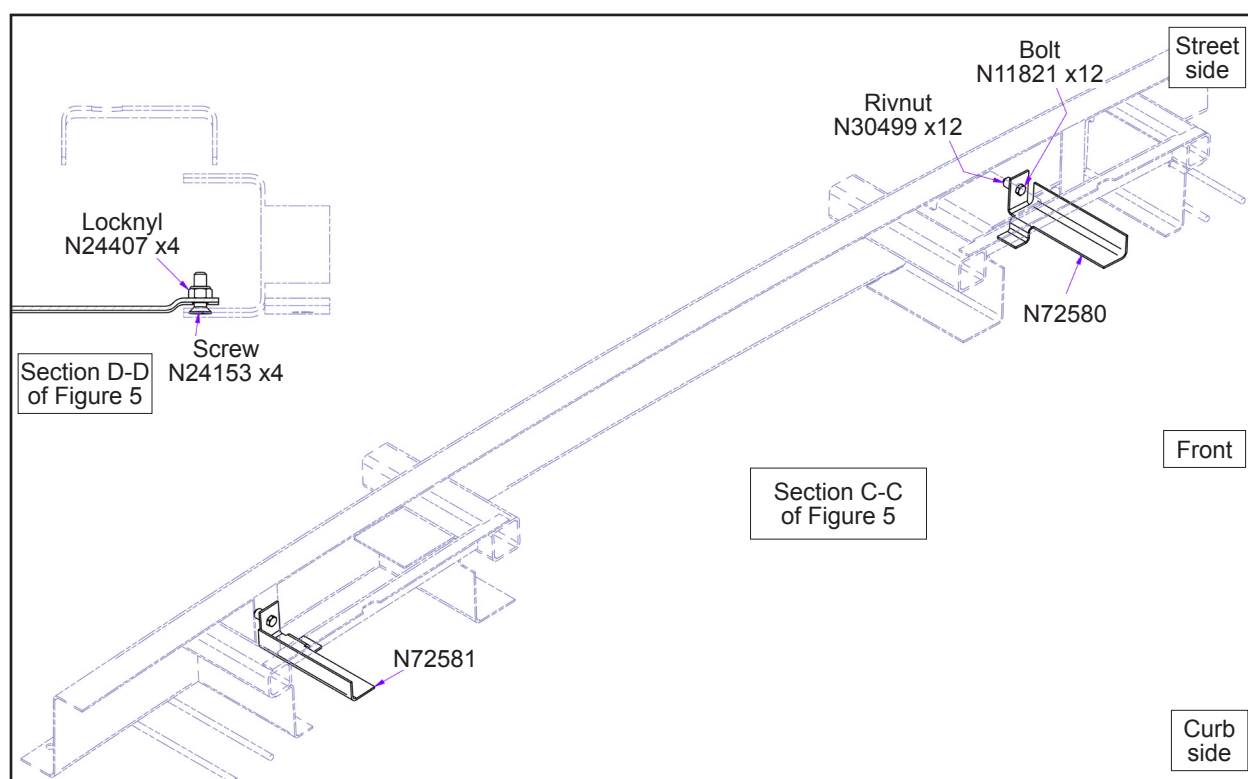
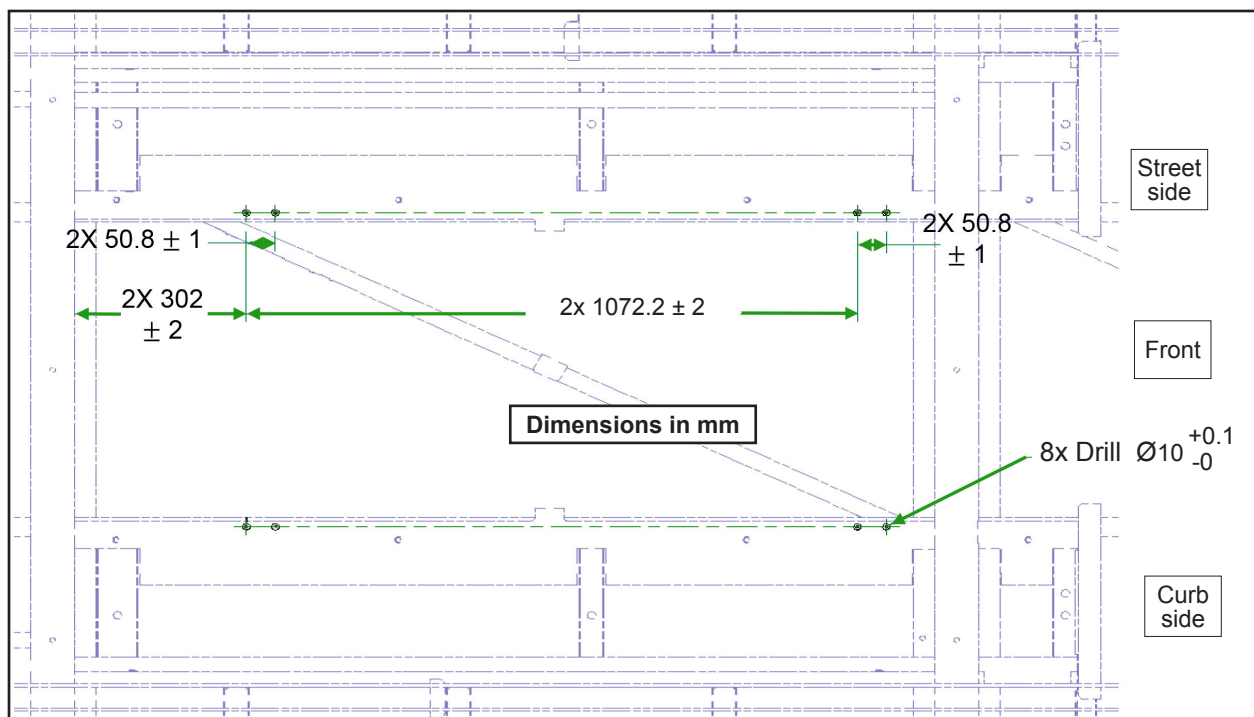
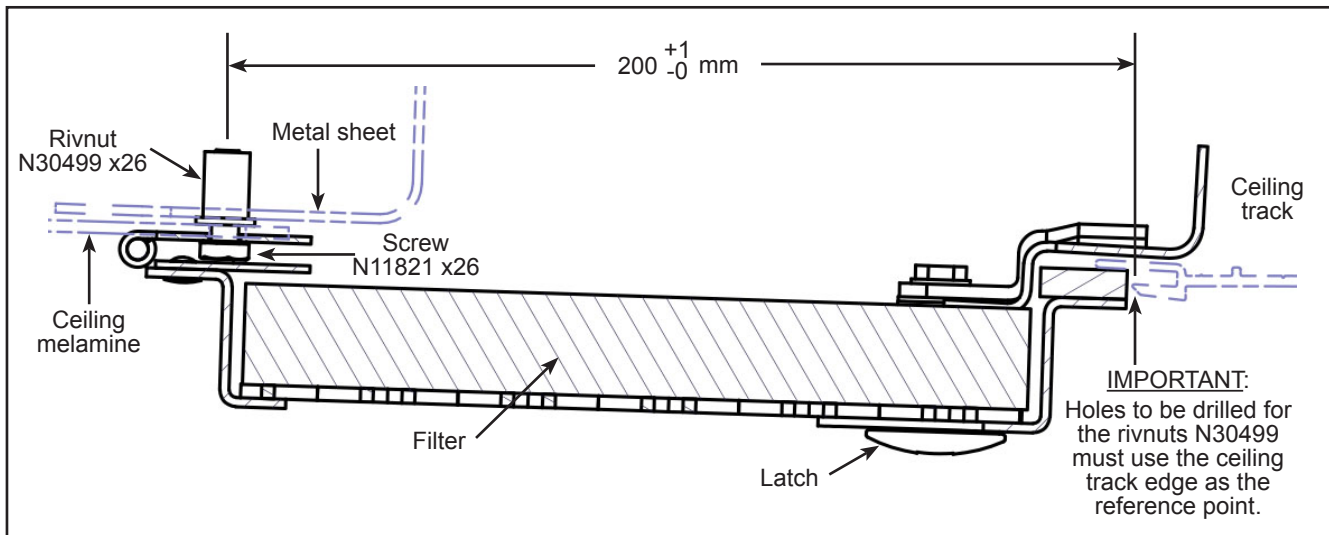


Figure 6 - Installation of the Rear Locking Plates

- 1.6. Mark the position of the holes for the hinges. See Figure 7 for all the grills, Figure 8 for the FRONT grills, and Figure 9 for the REAR grills. MAKE SURE THAT THE POSITIONS ARE COMPATIBLE WITH THE HINGES OF THE GRILL BY HOLDING THE HINGE AGAINST THE STRUCTURE.
- 1.7. Drill holes on the marked positions and install the rivnuts (14 for the FRONT, and 12 for the REAR). Ceiling melamine must be drilled for clearance for the rivnut insertion.
- 1.8. Secure the hinge in position with the screws.



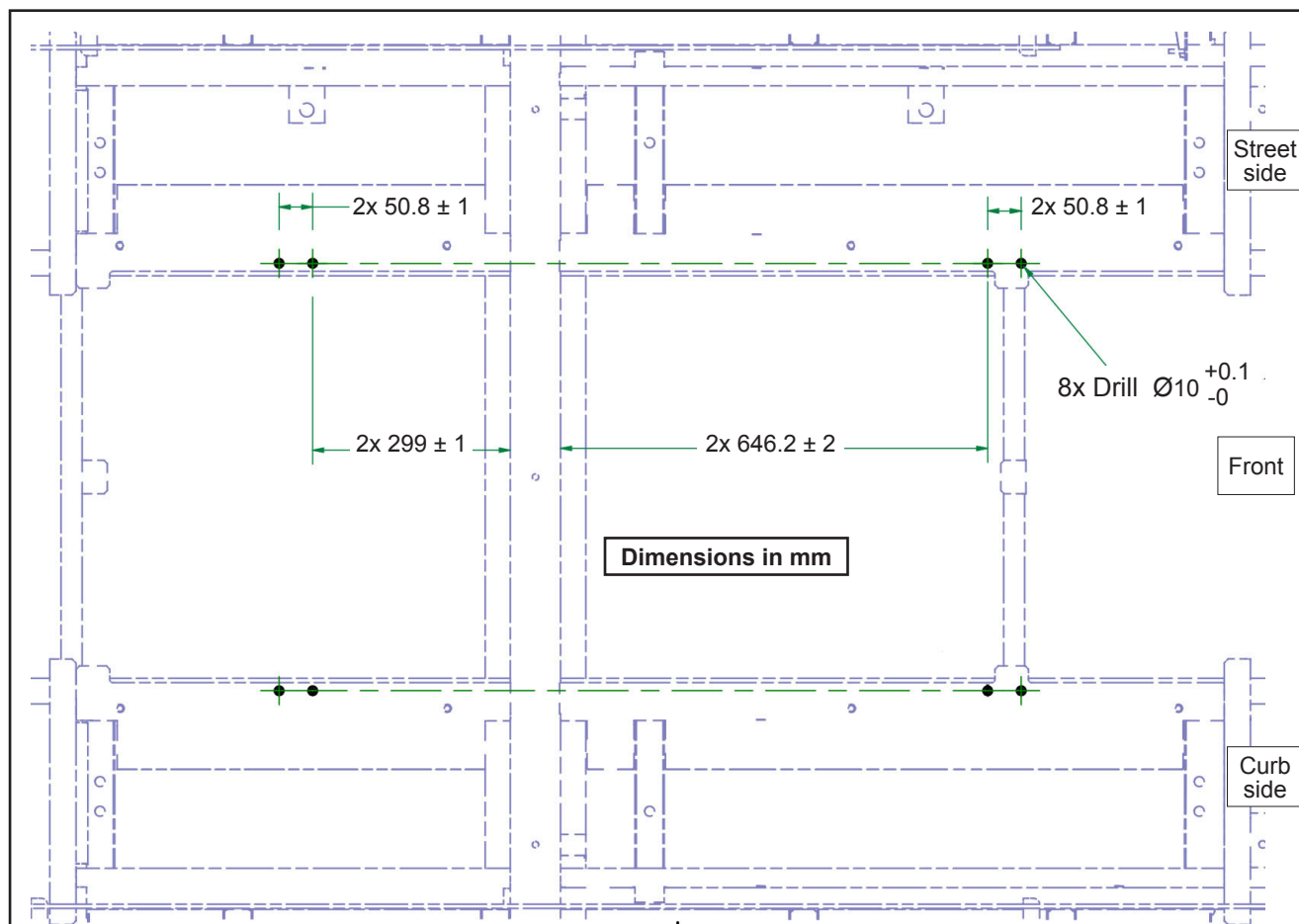


Figure 9 - Dimensions for the Rear Grills (Shown From Inside)

- 1.9. Climb onto the roof, and vacuum the accumulated dirt from the evaporator coil. See figure 10. ❖



WARNING

Use proper safety harnesses and any other internal support equipment to prevent accidental falls from the roof area.



Figure 10 - Dirt on Evaporator Coil