

**Heavy Commercial Vehicles**

Information bulletin to be circulated to:	Service manager	Warranty Manager	Parts Manager	Chief Technician	Service consultant	BMIS
	✓	✓	✓	✓	✓	✓

<b>Subject</b>	Sunroof (roof window) Water Leakage Problem in F-Max vehicles
<b>Model</b>	F-Max Vehicles
<b>Summary</b>	In case of water ingress into the cabin in the sunroof area, the bolts of the sunroof area in the bulletin should be tightened to the required torque value.

**Workmanship:**

Labor Code	Work Name	Duration
25C084J	Sunroof Frame S/T	0,33 hr
25C088J	Sunroof S/T	0,75 hr

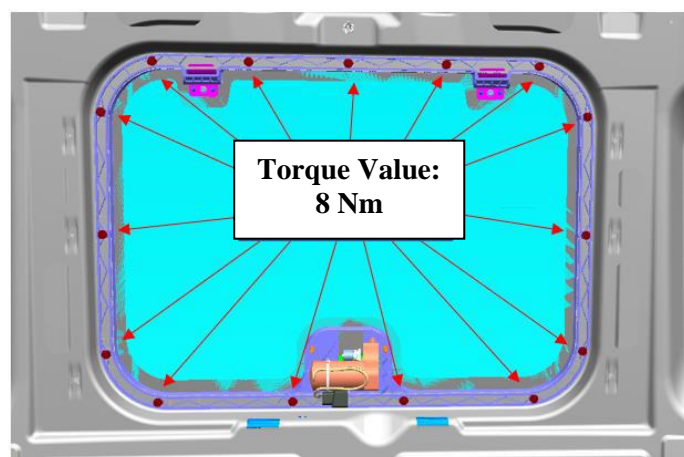
**General Information:**

The procedure specified in this file should only be applied on F-MAX vehicles with water leaks from the sunroof area.

**Service Application:**

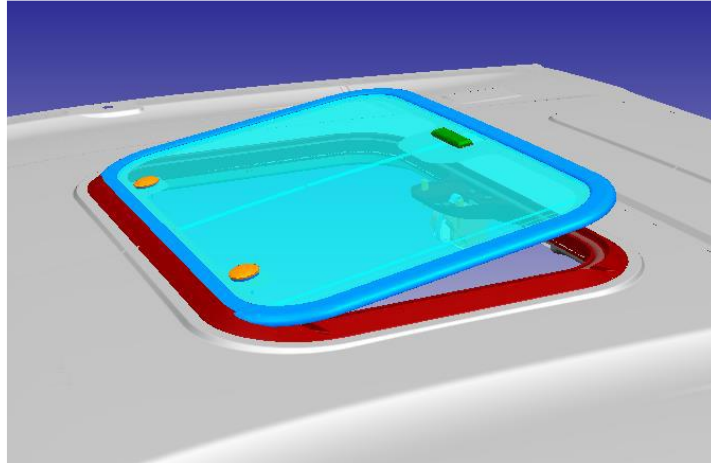
Service applications should be performed as described below.

- 1- When the sunroof water leakage problem is encountered, the part should not be replaced first, but the sunroof should be checked with the following steps.
- 2- For the sunroof bolts to be visible, the sunroof bezel must be removed (the specified bezel is in the interior ceiling area).
- 3- In the sunroof part with water leakage, it should be checked whether there is a loss of torque in the 15 connection bolts specified below (Figure 1). Each bolt must be brought to a torque of 8 Nm in the tightening direction.



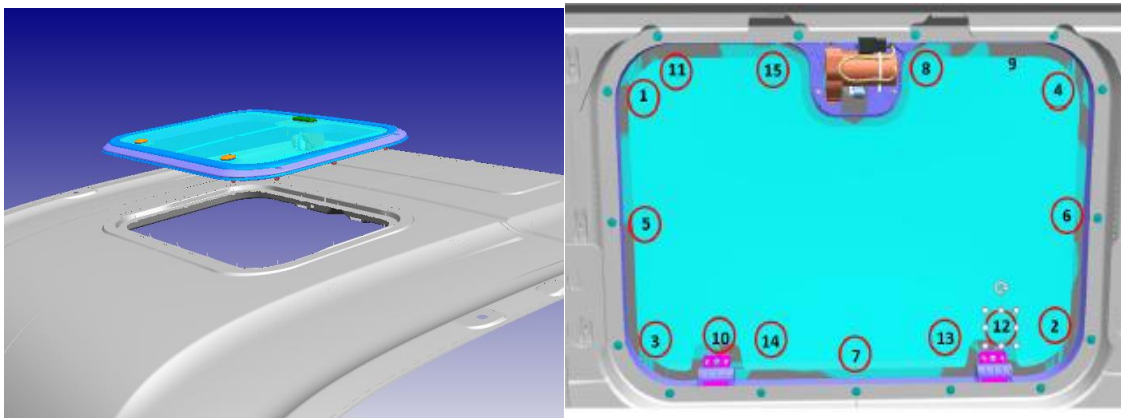
**Figure 1:** Cabin Sunroof View

- 4- While the sunroof is open, the wick area on the open-close surface (the area shown in red below) and the surface where the wick presses (the sunroof shown in blue) should be checked for contamination (dust, dirt, mud, oil, etc.) and wiped with a clean cloth. After the process, the water test should be repeated and the water inlet should be checked. If no water leakage is detected, the process should be terminated. If there is water ingress, proceed to step 5



**Figure 2:** Sunroof Open Position

5- The sunroof (ceiling frame) should be dismantled and the ceiling panel on which the sunroof wick presses should be wiped with a dry cloth. Afterwards, the sunroof must be reassembled (Figure 3). Connection bolts should be tightened with a torque of 8 Nm by applying the tightening sequence given in Figure 3. After the process, the water test should be done again. If no water leakage is detected, the process should be terminated. If the water ingress recurs, the technical service should be contacted.



**Figure 3:** The trim panel area under the sunroof wick should be cleaned with a dry cloth.