



Ferrari North America

Technical Information

Date: February 2021
Bulletin #: 2720
Campaign #: 461
Supersedes:
Section: 9



Subject: Replacing engine compartment lid Lexan screen

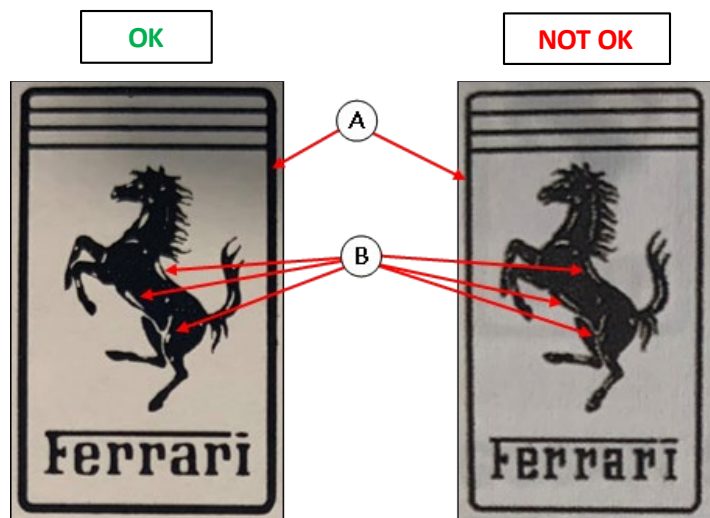
Please note that it may be necessary to replace the Lexan screen of the engine compartment lid on vehicles of the aforementioned model from **Assembly No. 173719** to **Assembly No. 177202** (from **VIN No. 251790** to **VIN No. 256595**).

The list of these vehicles may be viewed directly from the **New Modis** portal, by selecting the section "**Recall and Service Campaign Management**" and entering the campaign number indicated.

Checking Lexan rear screen

To determine if it is necessary to replace the Lexan screen of the engine compartment lid, inspect the **Ferrari** logo printed on the component carefully to check the following:

- A. That the border line around the logo is of the correct thickness and clearly defined;
- B. That the demarcation and difference in contrast between the printed black zones and the unprinted clear zones are clear and easily distinguishable.



If the logo meets is **OK**, it is not necessary to replace the Lexan screen.

If the logo is **NOT OK**, replace the component as described below.



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Procedure

To perform this campaign, the following component must be ordered from the Spare Parts Department:

- Engine compartment lid Lexan screen - part No. 070006367
- Gluing kit with cleaner/primer/sealant - BETASEAL F8 KIT part No. 079601407

-IMPORTANT-

Please note that one gluing kit 079601407 is sufficient to repair two vehicles.

- IMPORTANT -

Note the expiration date indicated on the Lexan screen, as the primer coating in the screen-printed area has a lifespan of 3 months.

If the screen has expired, but within the past 9 months, the primer may be reactivated using Betaclean 3300.

If the expiration date has been exceeded by over 9 months, the Lexan screen must be discarded.



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1. Removing engine compartment lid and trim

- IMPORTANT -

The engine compartment lid is removed during the following procedure: this operation must be carried out by at least two operators to help ensure that the component is supported adequately and to help prevent the risk of damage to the component itself.

- Disconnect the upper ends of the engine compartment lid gas struts from the respective ball head pins – Fig.1 & 2.

Note: only applicable for vehicles with standard engine compartment lid. On vehicles with an optional carbon fiber engine compartment lid, a simple prop is used instead.





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- Unscrew the two screws fastening the engine compartment lid to the left hand hinge and retrieve the spacer (Fig. 3 & 4). Repeat this step on the right hand side.



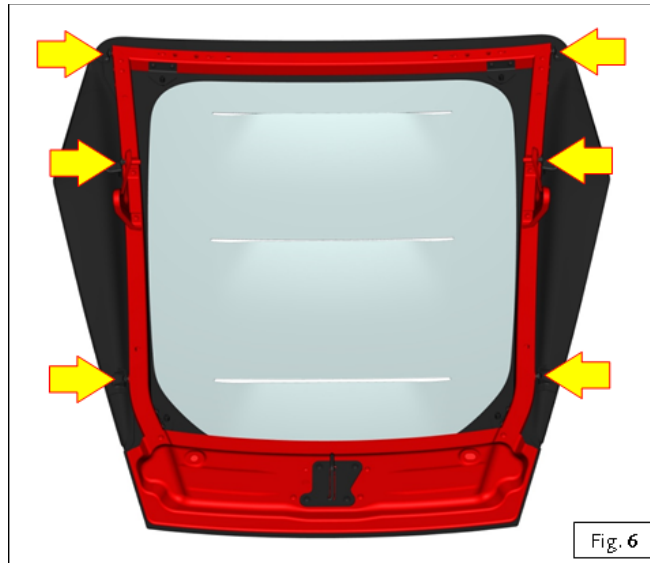
- Remove the engine compartment lid (Fig. 5), using caution to not damage the lid itself or the bodywork of the vehicle. After removal, we recommend placing the engine compartment lid on suitable stands, with the inner side facing up.



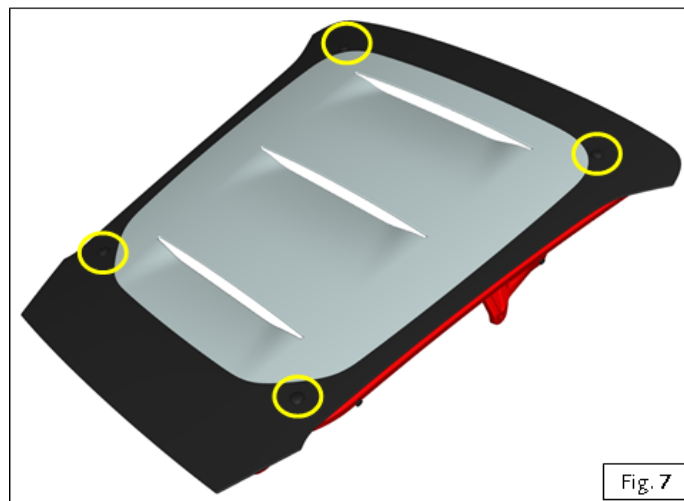


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- Remove the two grills of the engine compartment lid, releasing the indicated fasteners – Fig.6.



- Remove the 4 screws fastening the window to the frame. Keep the original screws and the relative seals as they will be reused to fasten the new Lexan window – Fig.7.

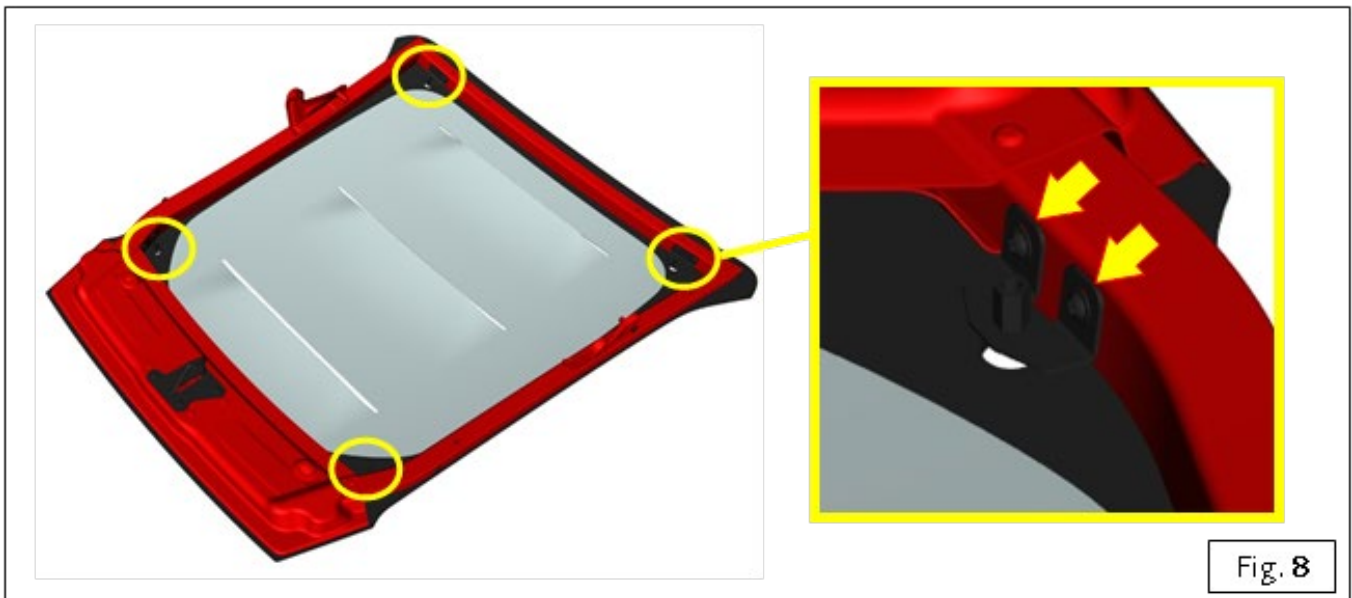




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- Remove the 4 brackets with threads for the screws for fastening the Lexan window to the frame – Fig.8.

Note: The standard version of the engine compartment lid is shown in these figures. On vehicles with optional carbon fiber engine compartment lid, the brackets face outwards.





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2. Removing the engine compartment lid Lexan window

- IMPORTANT -

Protect all painted parts of the bodywork adequately to prevent damage when cutting the sealant and installing the new Lexan window.

- Using a screen adhesive removal tool (cable saw or similar), cut the sealant around the perimeter indicated in green (Fig.10), between the engine compartment lid and the Lexan screen.



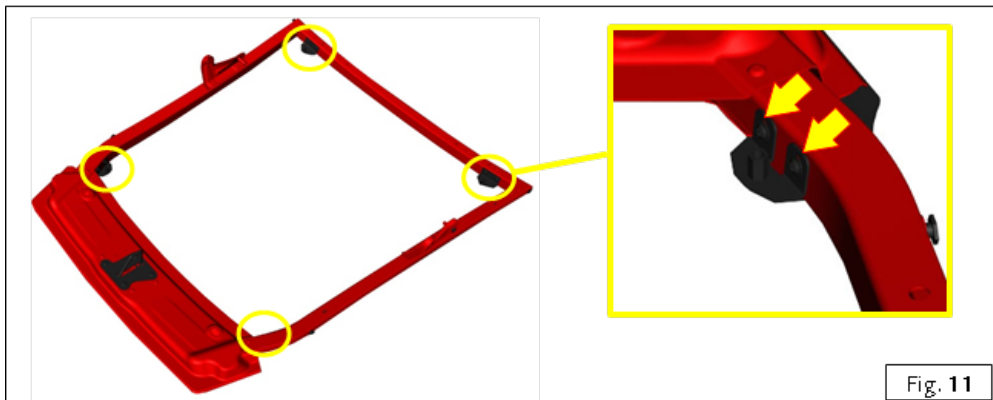


3. Refitting engine compartment lid and trim

- IMPORTANT -

The engine compartment lid is refitted during the following procedure: this operation must be carried out by at least two operators to help ensure that the component is supported adequately and to help prevent the risk of damage to the component itself.

- Separate the Lexan screen from the engine compartment lid frame and remove all residue of sealant from the frame, using caution to not damage the paintwork (damage to the paintwork may lead to corrosion).
- Refit the 4 brackets with threads for the screws fastening the screen to the frame, tightening the screws to a torque of **3 Nm class B** – Fig.11.



- Fit the frame of engine compartment lid in its seat – Fig.12.





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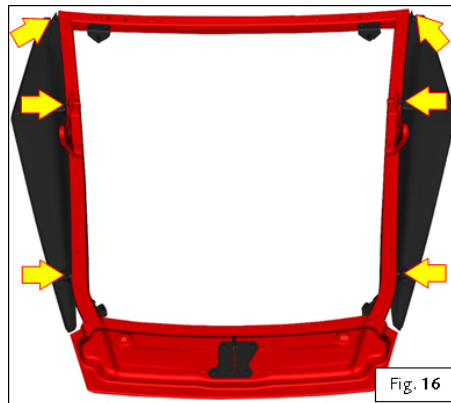
- Refit the spacer and then tighten the two screws fastening the engine compartment lid to the left hand hinge to a torque of **25 Nm class B** (Fig. 13 & 14). Repeat this step on the right hand side.



- Fasten the upper end of the engine compartment lid gas strut to the respective ball head pin (Fig.15). Repeat this step on the other side.
Note: only applicable for vehicles with standard engine compartment lid. On vehicles with optional carbon fiber engine compartment lid, a simple prop is used instead.



- Refit the two engine compartment lid grilles, tightening the screws indicated to a torque of **5 Nm Class B** – Fig.16. Open and close the engine compartment lid several times while checking that the grilles are aligned correctly with the bodywork.

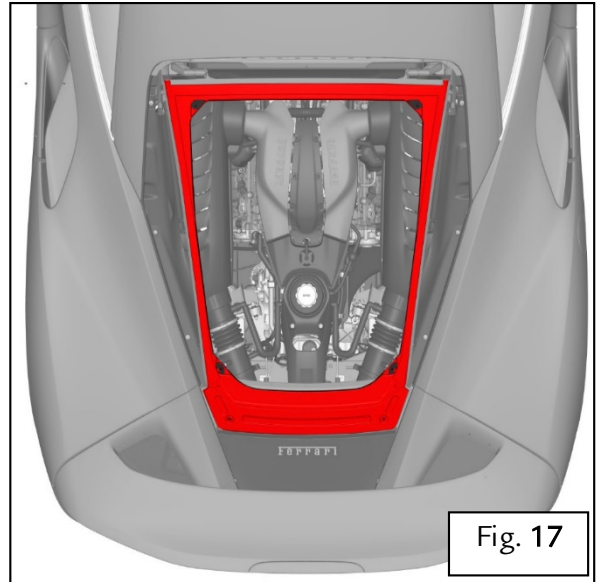


4. Installing new Lexan screen



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- Degrease the perimeter of the seat for the Lexan screen on the engine compartment lid using **BETACLEAN 3350** and a **BRAG BOX WYPALL X40** wipe. Use a new wipe for each vehicle – Fig 17.
- Wipe the seat again with a new wipe and wait **3 minutes** for the area to dry completely – Fig 17.
- Shake a can of **BP 5405 primer** until the steel balls inside the container can be heard to be moving freely, and then spray a uniform coat around the perimeter using the specific applicator – Fig 17.



- IMPORTANT -

Never apply primer wet-on-wet: leave to dry for at least 10 minutes before applying a new coat

- Remove the protective film from the new Lexan screen.

- IMPORTANT -

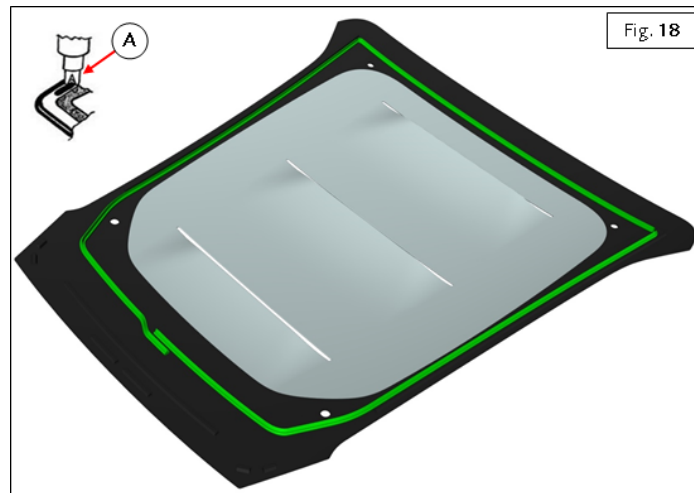
Check the expiration date of the Lexan screen. If the screen has expired, but within the past 9 months, the primer may be reactivated using Betaclean 3300.

- Use an extrusion nozzle with a triangle notch (**A**) to apply a bead of **BETASEAL TM 1407** around the entire perimeter of the Lexan screen, starting from the right or left hand at the bottom edge. After completing the perimeter, continue applying sealant directly below the initial bead for a certain distance before stopping (Fig.18). The bead must measure **8 mm** in width and **14 mm in height (B)**.



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- Do not spread the newly applied bead of sealant with a spatula. The bead must be flattened by the Lexan panel onto the frame to compress the buffer pads ensuring the correct gap between the screen and the frame.



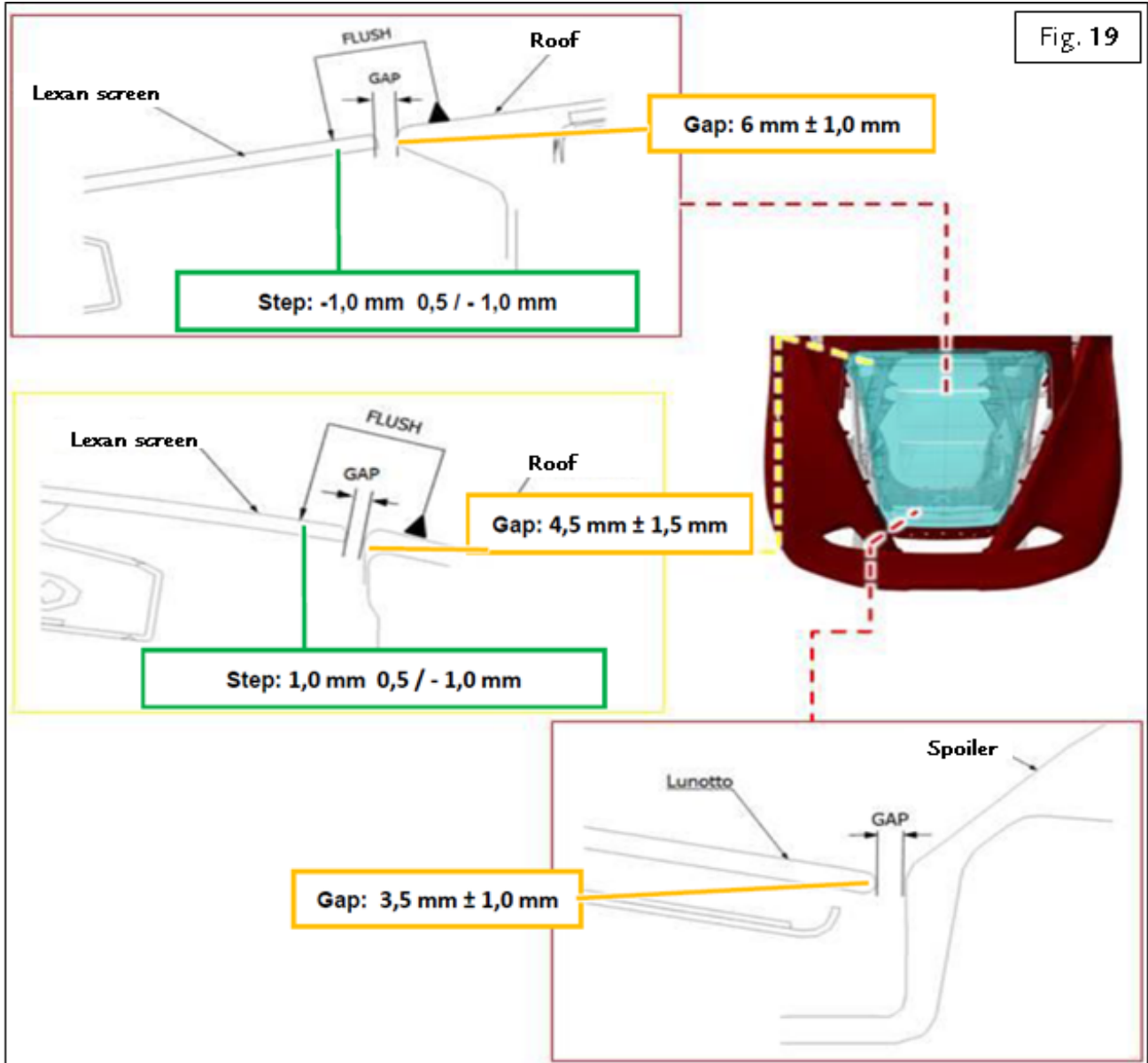
- IMPORTANT -

The Lexan screen must be installed correctly in place on the frame of the engine compartment lid within 5 minutes of applying the BETASEAL™ 1407.



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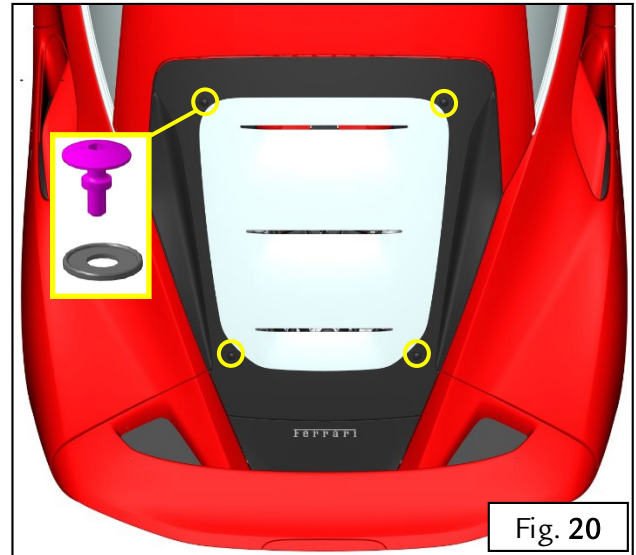
- Hold the Lexan screen parallel to the respective seat and place on the frame of the engine compartment lid, ensuring that the **gap** and **step** values indicated are observed correctly. Press around the entire perimeter of the engine compartment lid screen to compress the buffer pads on the Lexan screen – Fig.19.





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- Fit and hand-tighten the 4 fastener screws of the Lexan screen, fitting the relative seals. Tighten to a torque of 3 Nm class B – Fig.20.



- Wait at least 4 hours and then use heptane to clean off any residue of sealant from around the engine compartment lid screen.

- IMPORTANT -

The components removed must be disposed of by you in compliance with applicable local regulations. A photo of the scrapped Lexan screen must be attached to the Claim.



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Services under warranty

The costs incurred for this service must be recovered through our **Warranty System** indicating:

› Campaign number.....	461
› Cost code	23
› Malfunction code.....	5509000340
› Problem code.....	01
› Operation code	55090003400
› Time	2.4 hours

Thank you for your co-operation.