

BODY REPAIRS – GENERAL INFORMATION

NOISE VIBRATION AND HARSHNESS SEALING (G2430897)

DESCRIPTION AND OPERATION

Noise, Vibration and Harshness and Sealing

Noise, vibration and harshness (NVH) are caused by the car's mechanical and electrical systems, as well as the car's interaction with road surfaces and its passage through the air.

Cancelling out NVH comes down to three basic principles :-

- Reducing it at the source.
- Isolating it from the car's main structure.
- Absorbing as much as possible before it enters the passenger compartment.

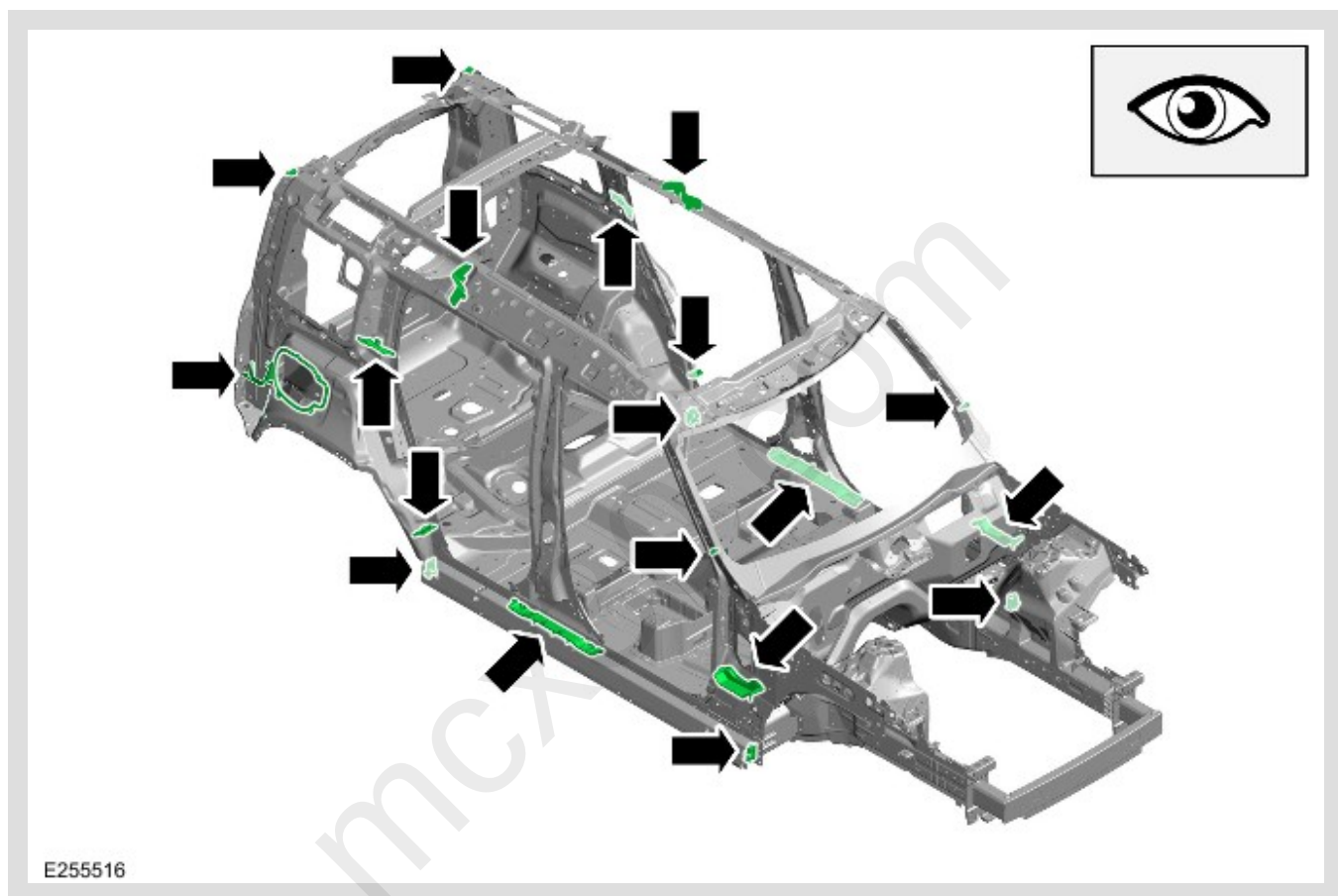
NVH performance and characteristics are high factors in providing Jaguar Land Rover (JLR) vehicles with comfort and quality. Optimizing these factors is therefore of utmost importance for the overall experience of the vehicle.



NOTE:

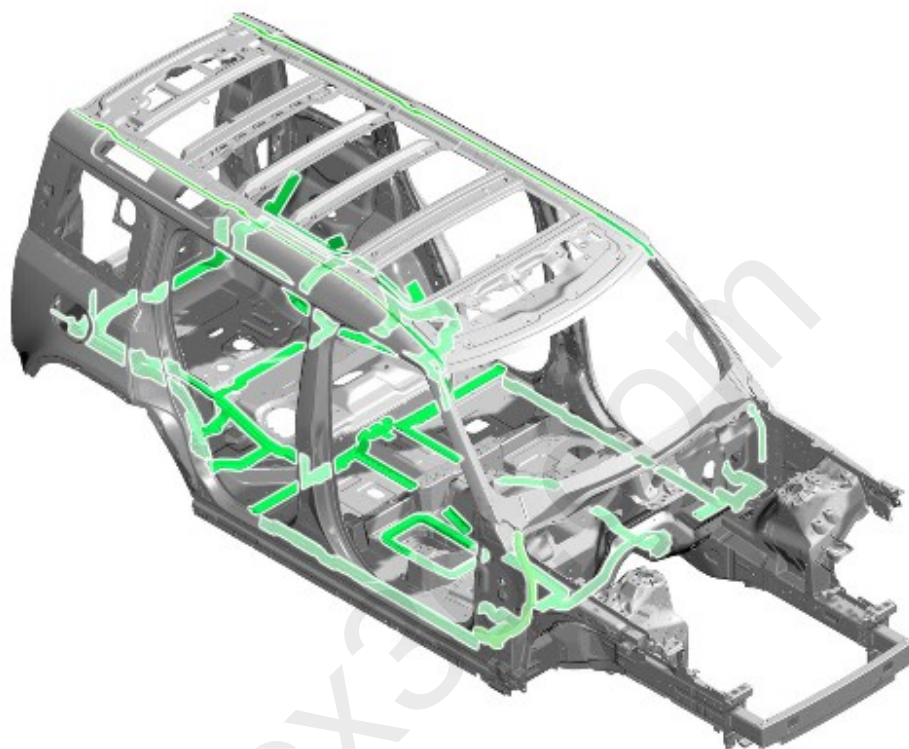
Noise, Vibration and Harshness (NVH) replacement and installation is of high importance during vehicle body repairs.

- Always refer to the body repair procedures for information on location and replacement before commencing body repairs.
- Damaged NVH material must be replaced.



Sealing

Sealant and adhesives play a critical role in the construction and preservation of all JLR vehicle bodies. Adhesive provides support and strength to panel joints while sealant provides excellent resistance to moisture ingress, vibration, thermal and acoustical insulation.

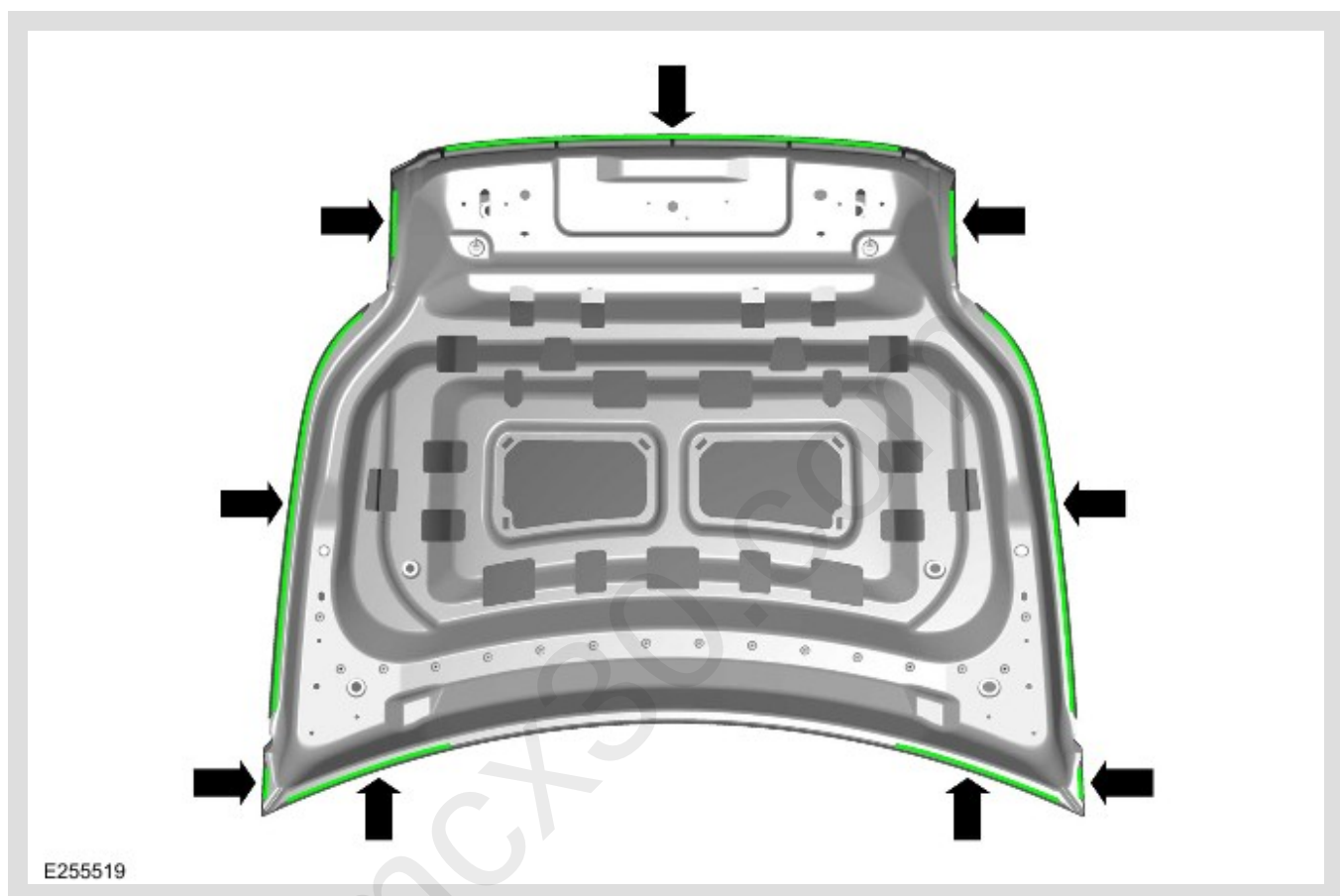


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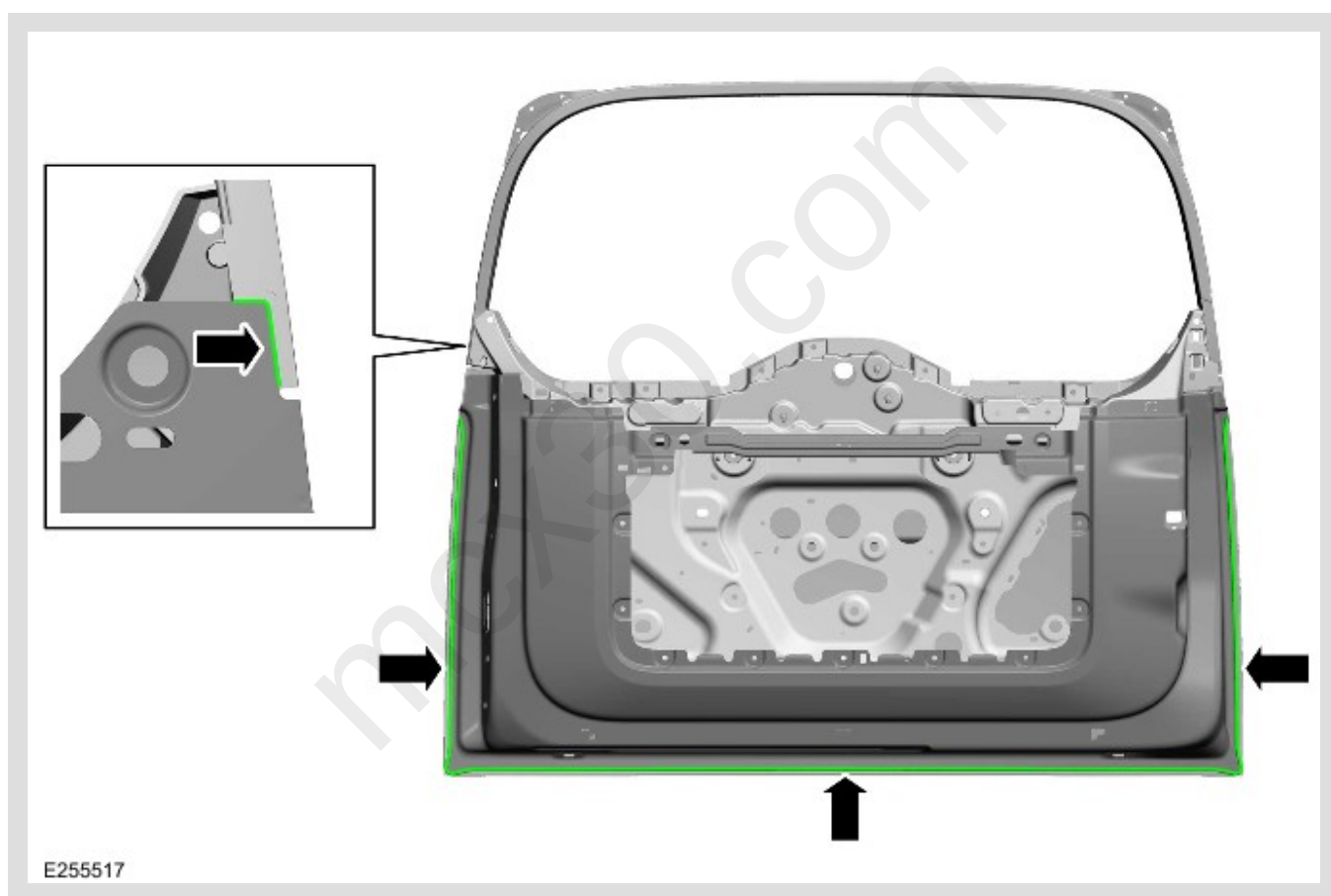
Areas of Underbody Sealer Application and Sound Deadening Pads

NOTES:

- During vehicle body repair, care should be taken to replace any sealant removed during the repair process.
- If the panel is supplied without seam sealant bead. Clean and prepare the surfaces, apply Jaguar Land Rover (JLR) approved sealant as indicated.



Apply the seam sealant to the hood as indicated.

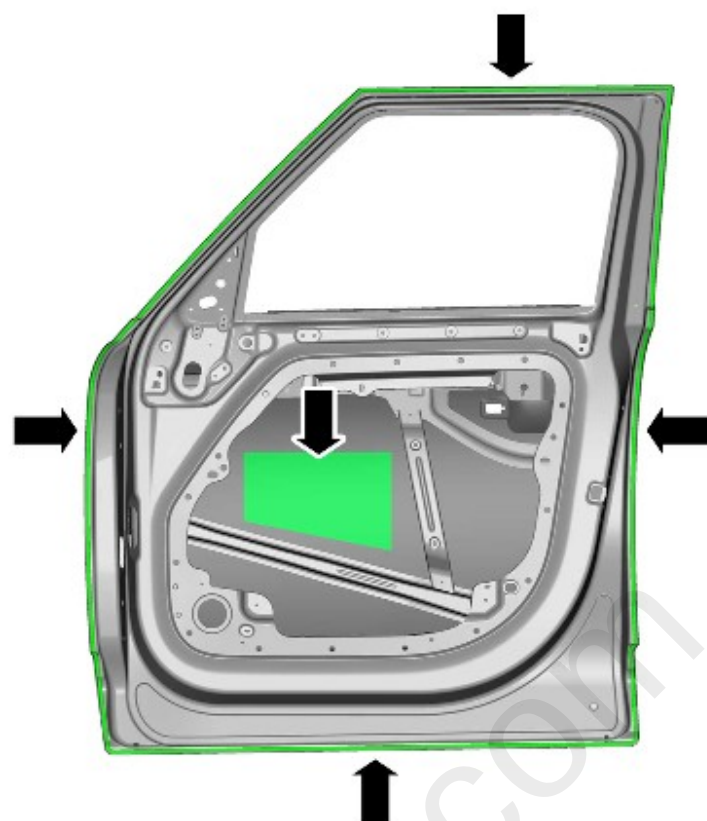


Apply the seam sealant to the tailgate as indicated.

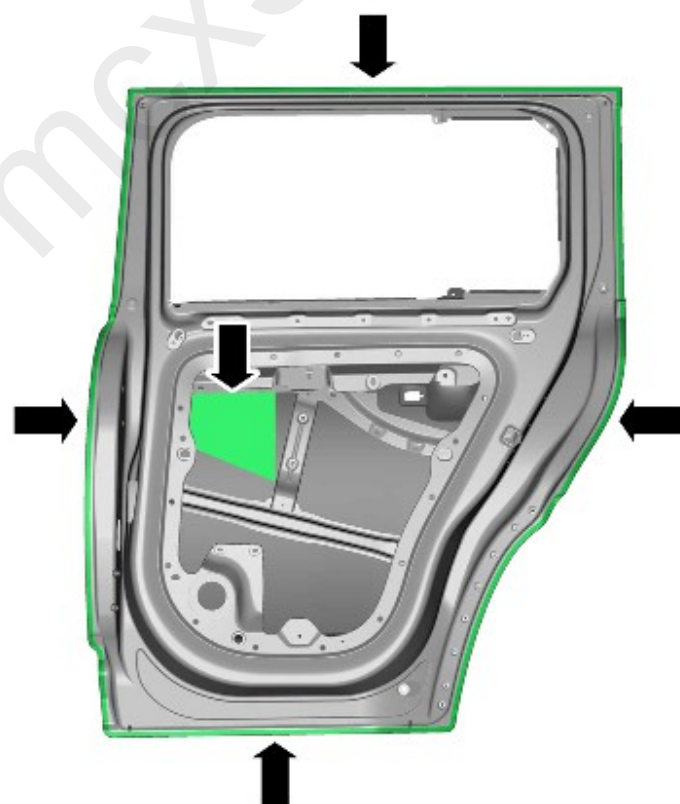


NOTES:

- During vehicle body repair, care should be taken to replace any sealant and sound deadening pads removed during the repair process.
- If the panel is supplied without seam sealant bead and sound deadening pads. Clean and prepare the surfaces, apply Jaguar Land Rover (JLR) approved sealant and sound deadening pads as indicated.



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