

Sealer, Underbody Protection Material and Adhesives

Adhesives

The correct adhesive bonding is essential to repairing the vehicle correctly. Adhesives and mechanical fasteners are used in all areas of the body structure in place of welding. In addition to providing a structural bond between components, adhesives can also help prevent wind noise, water leaks, exhaust fumes and dust from entering the vehicle. They also provide anti-corrosion barriers.

Refer to specific component removal and installation procedures for correct application and location of adhesives.

Sealers

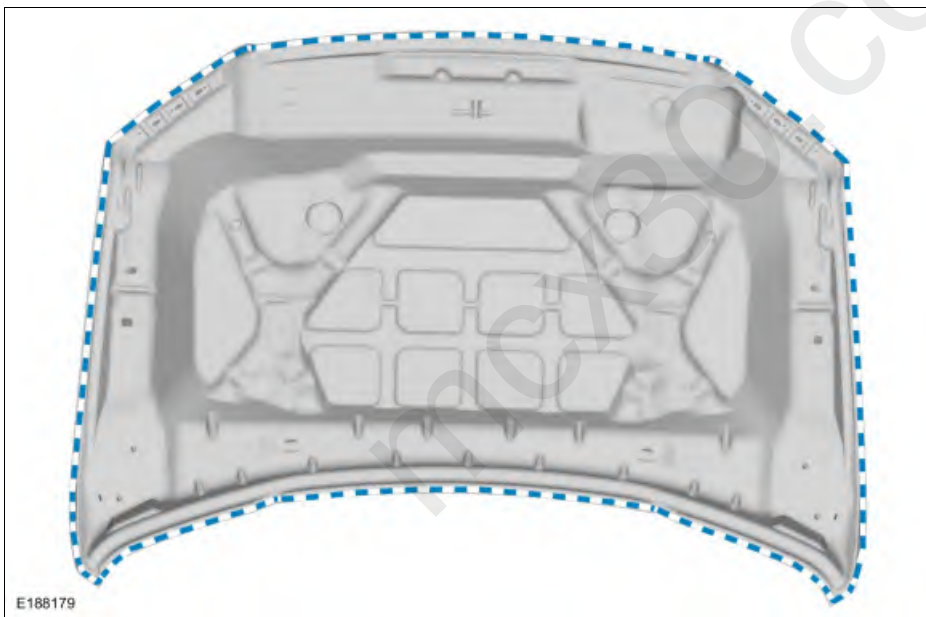
The correct sealing of joints is essential to repairing the vehicle correctly. Sealers are used to prevent wind noise, water leaks, exhaust fumes and dust from entering the vehicle. They also provide anti-corrosion barriers. Sealers are applied to areas such as doors hem flanges, wheelhouse, floor, cowl, roof and other panel-to-panel attaching point seams.

Sealers should remain flexible after curing and must be paintable. Follow the manufacturer's directions for correct application of these materials.

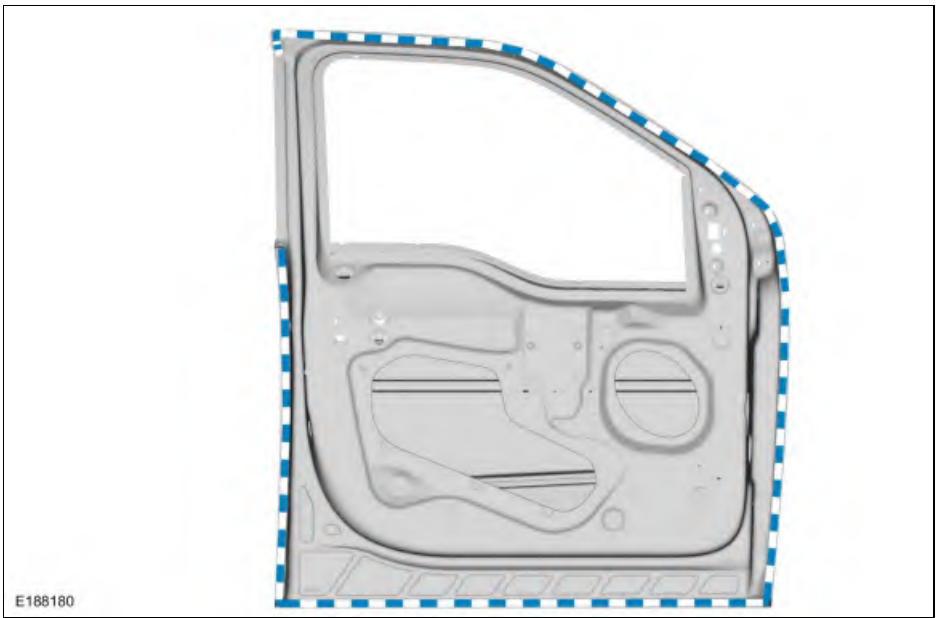
Any damage to originally sealed joints should be repaired by resealing. Along with attaching points of new panels, open joints that require bridging of sealer to close a gap should be sealed using a heavy-bodied sealer.

NOTE: *The following illustrations are examples of sealer application and are not all inclusive.*

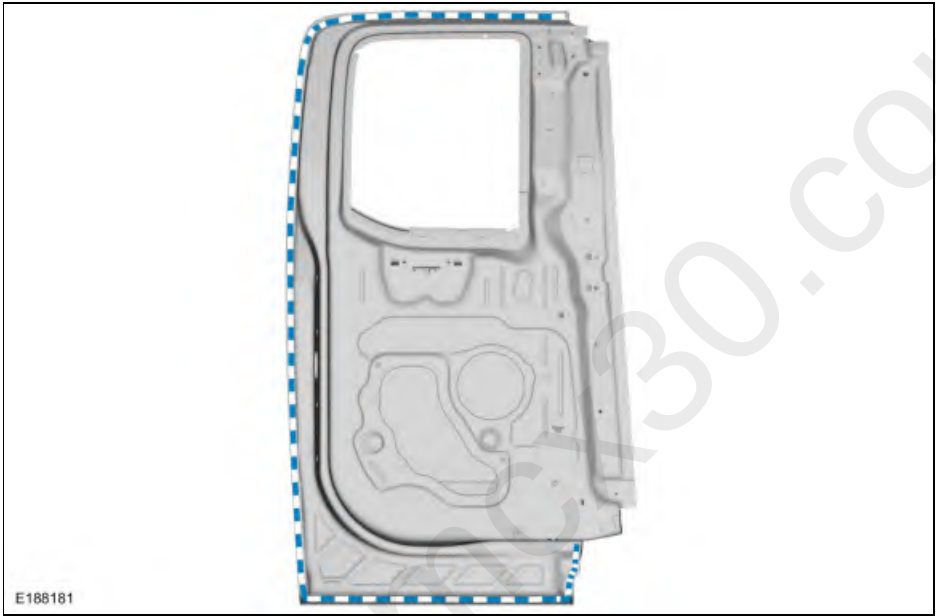
Hood Sealer



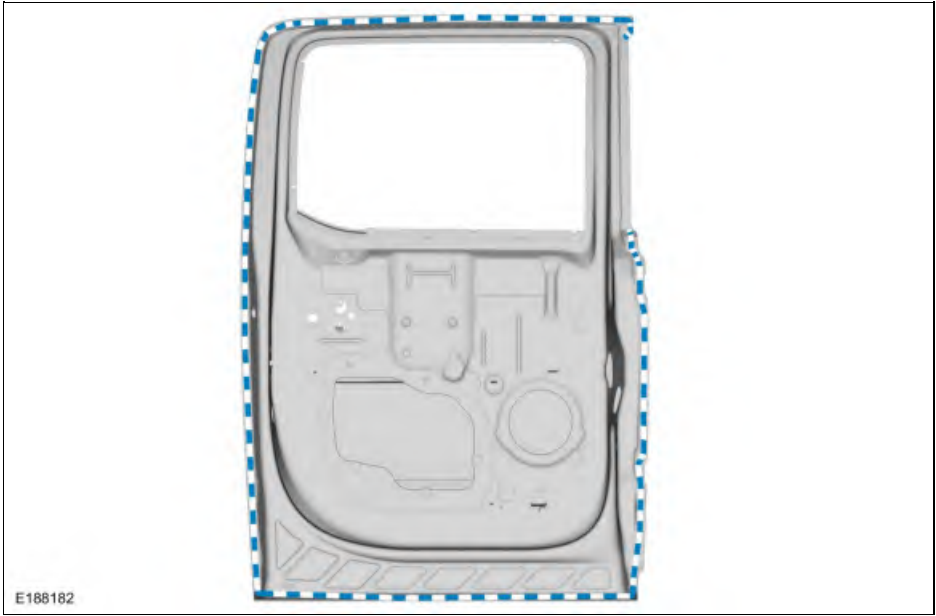
Front Door Sealer



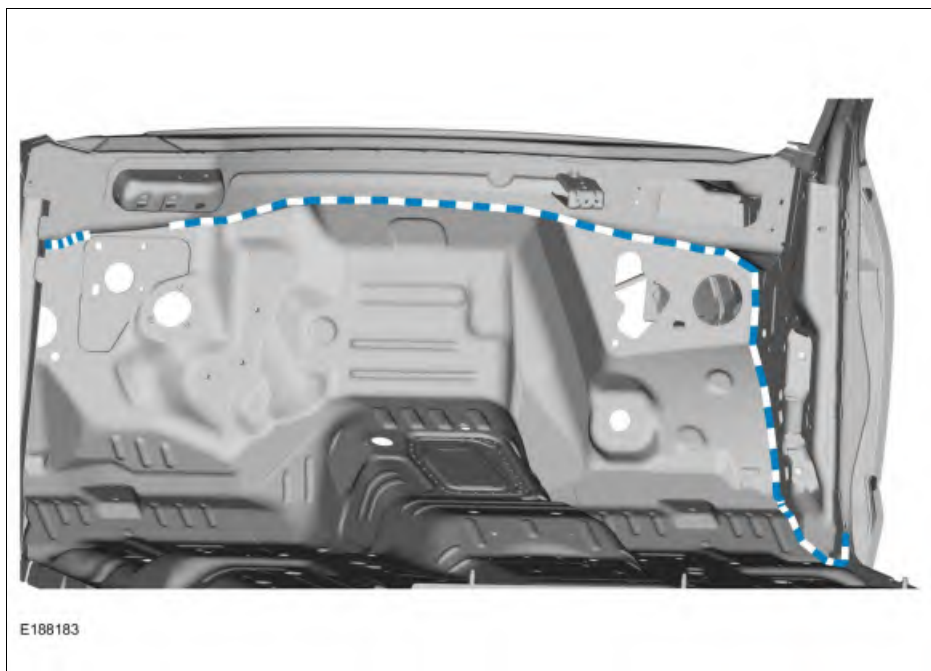
SuperCab Rear Door Sealer



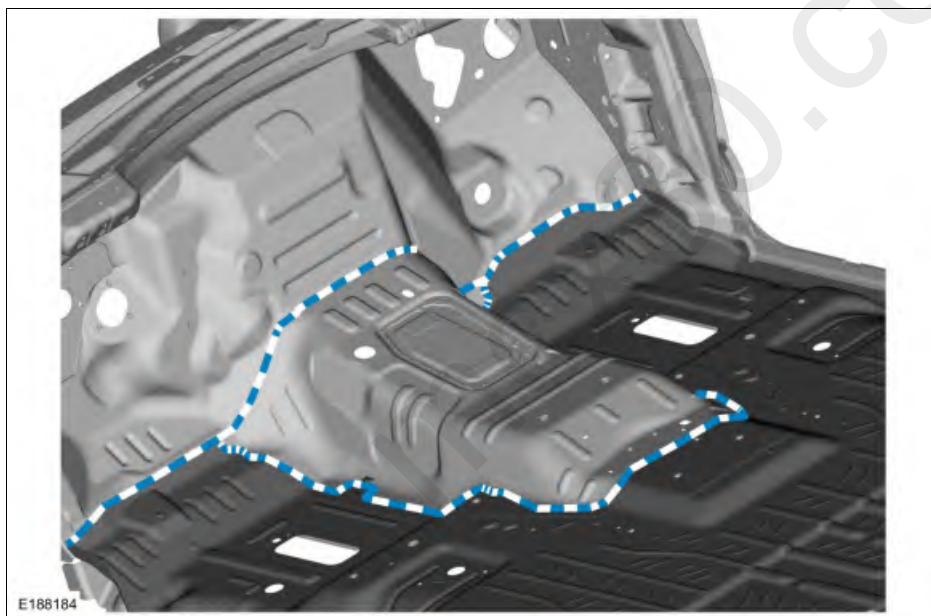
Crew Cab Rear Door Sealer



Dash Panel to Cowl Panel Sealer

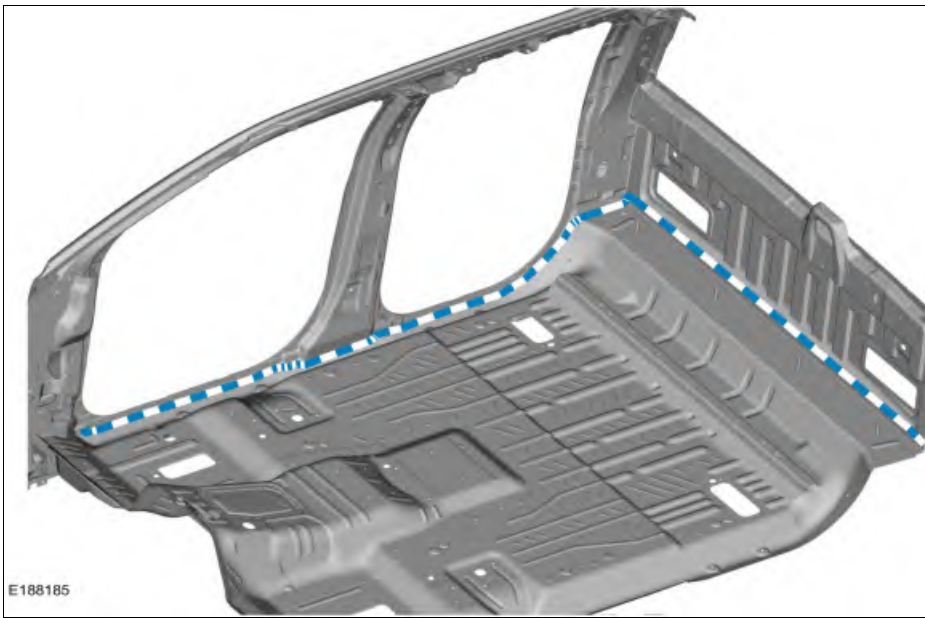


Floor and Transmission Tunnel to Dash Panel Sealer



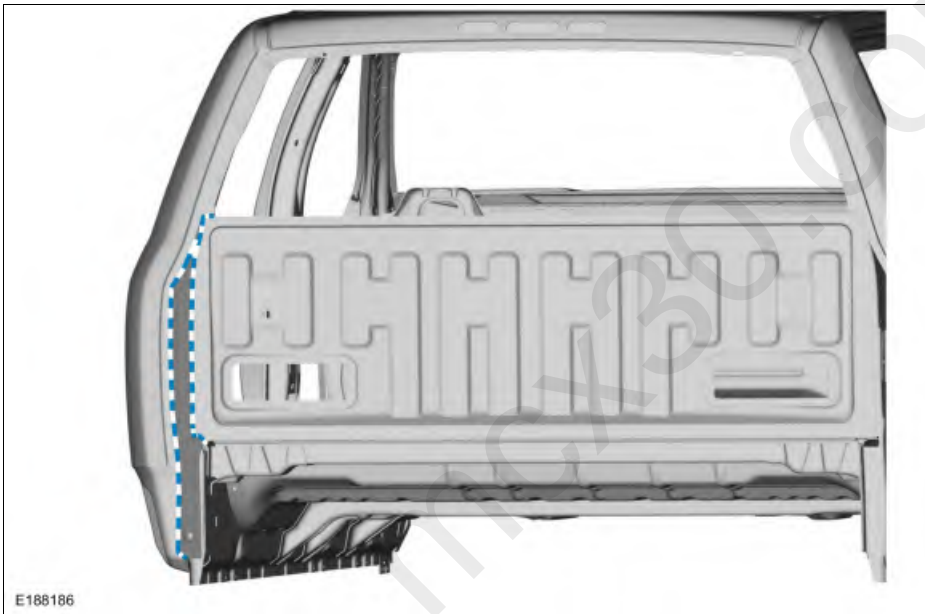
Body Side and Rear Panel to Floor Sealer

NOTE: Crew Cab shown Regular Cab and SuperCab similar.



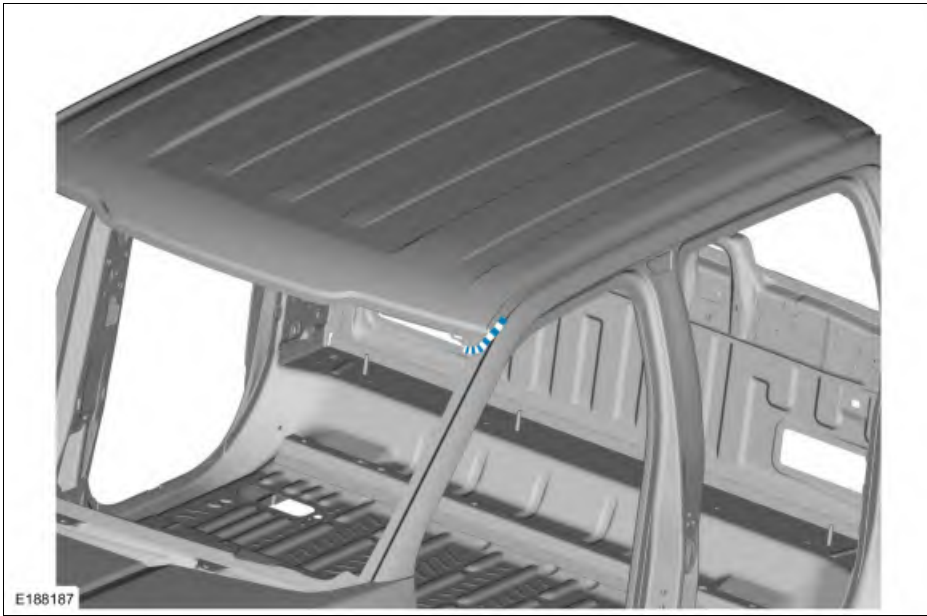
Cab Back Filler Panel Sealer

NOTE: Crew Cab shown Regular cab and SuperCab similar.



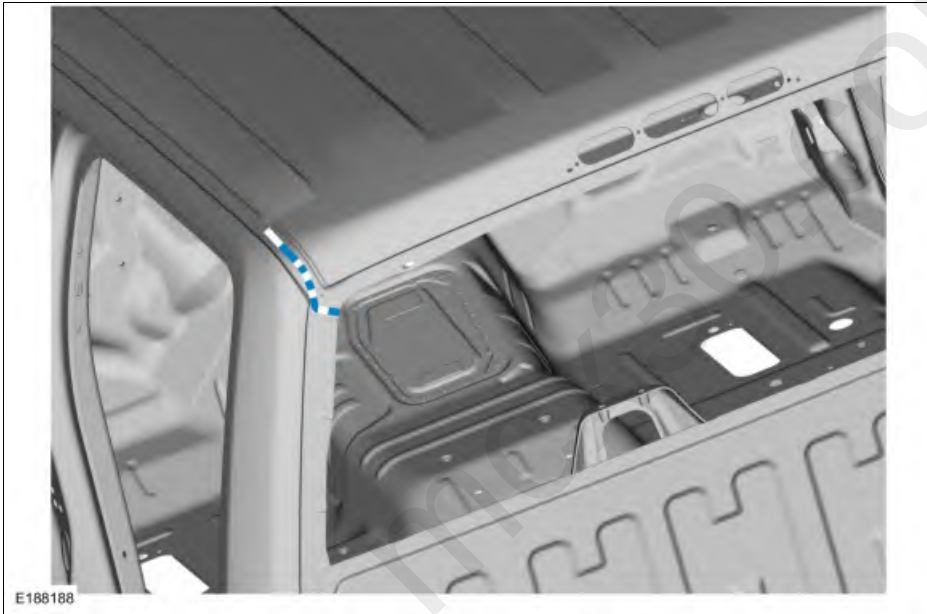
Front Roof Corner Sealer

NOTE: Crew Cab shown Regular Cab and SuperCab similar.



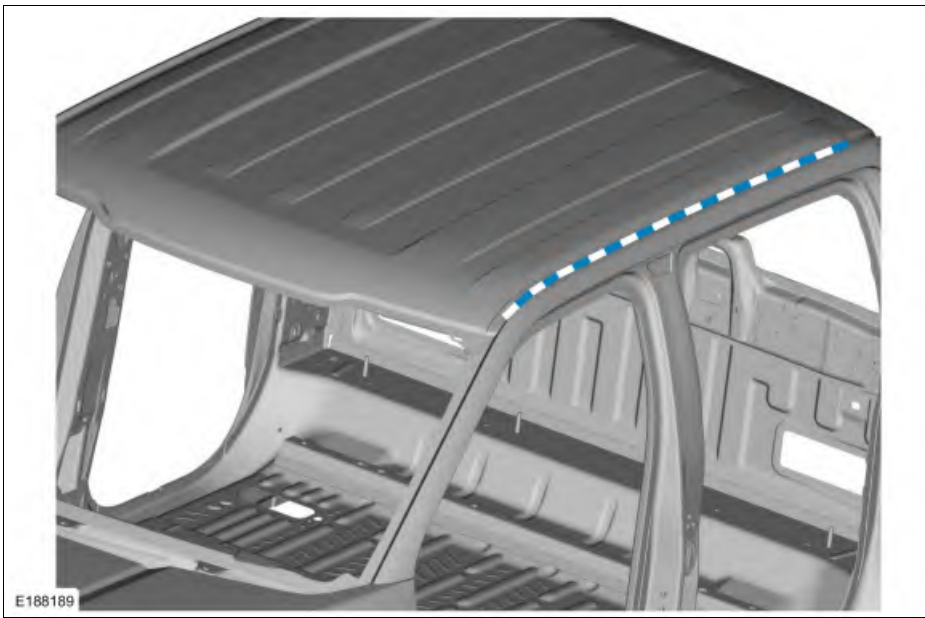
Rear Roof Corner Sealer

NOTE: Crew Cab shown Regular Cab and SuperCab similar.



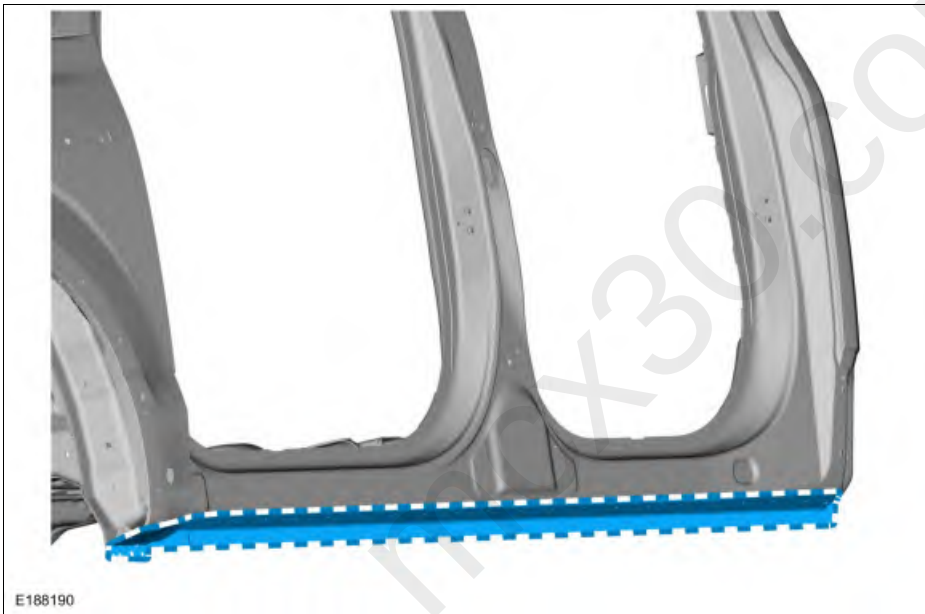
Roof Ditch Sealer

NOTE: Crew Cab shown Regular Cab and SuperCab similar.



Rocker Panel Stone Chip Sealer

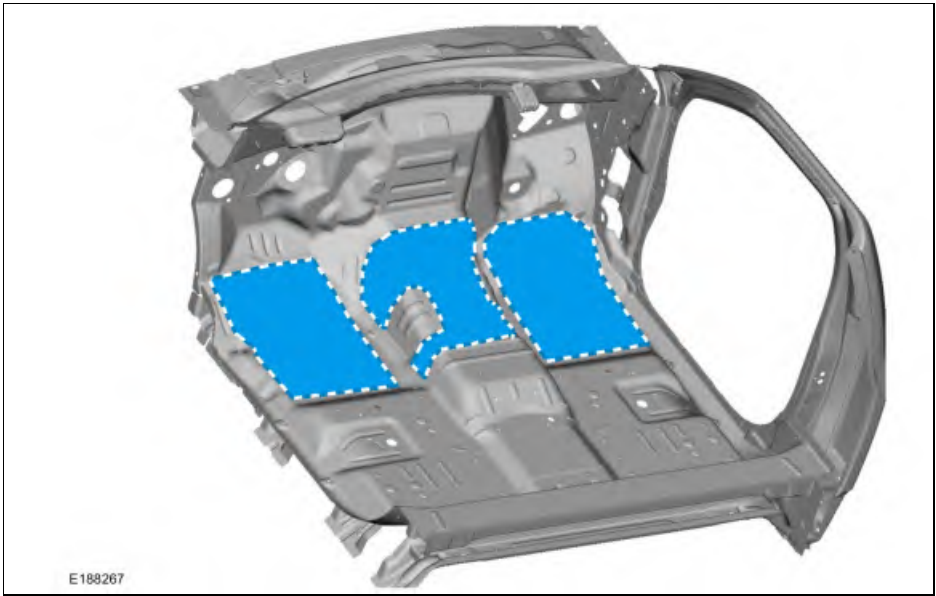
NOTE: Crew Cab shown Regular Cab and SuperCab similar.



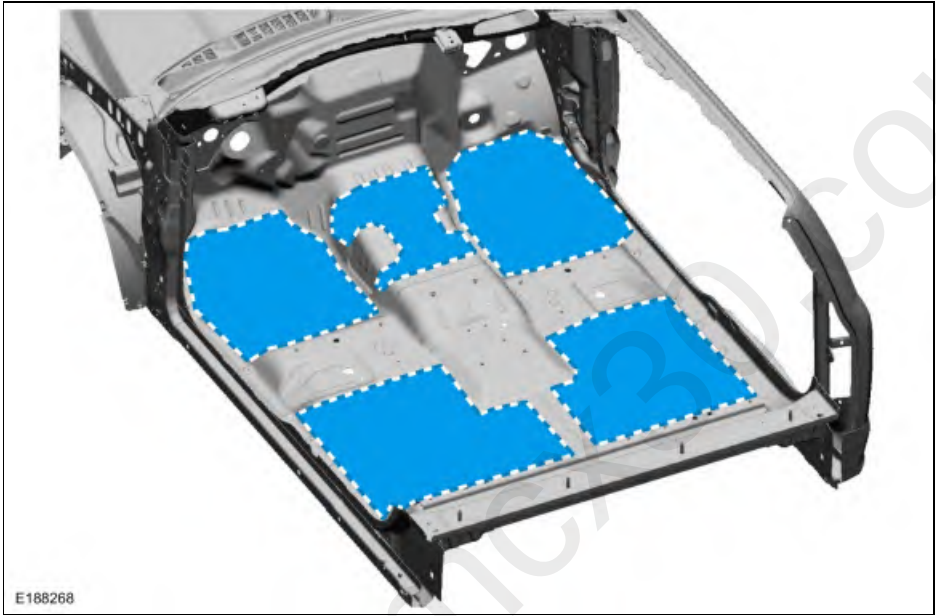
NVH Protection Material

NVH protection is necessary for road noise reduction. In the case of floor panel application, it also serves as a form of underbody heat control. It is paintable, very durable and has good resistance to abrasion. This material may be applied in many manners. It may be applied through the use of butyl patches, sprayed, rolled or brushed on (obtain locally).

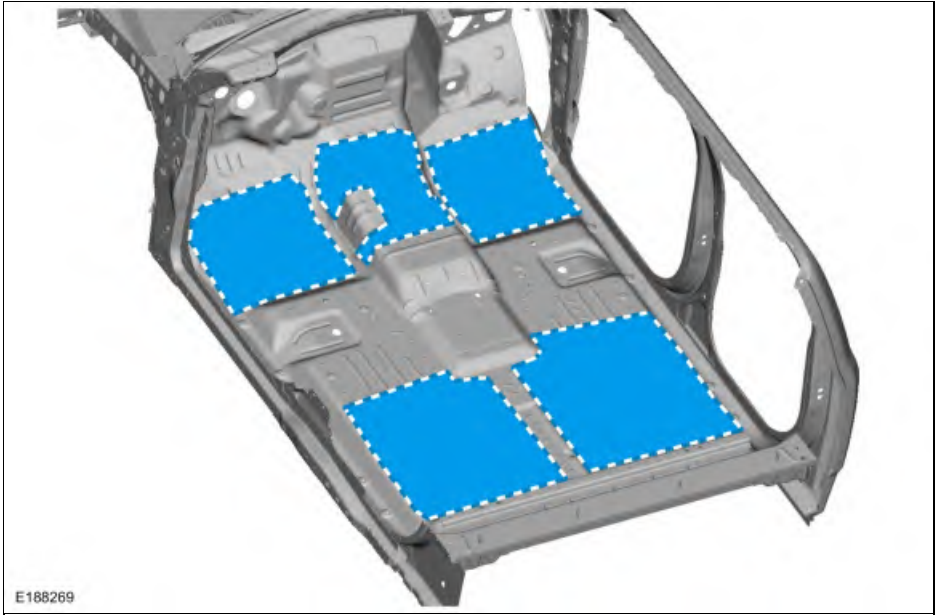
Regular Cab Floor Pan



SuperCab Floor Pan



Crew Cab Floor Pan



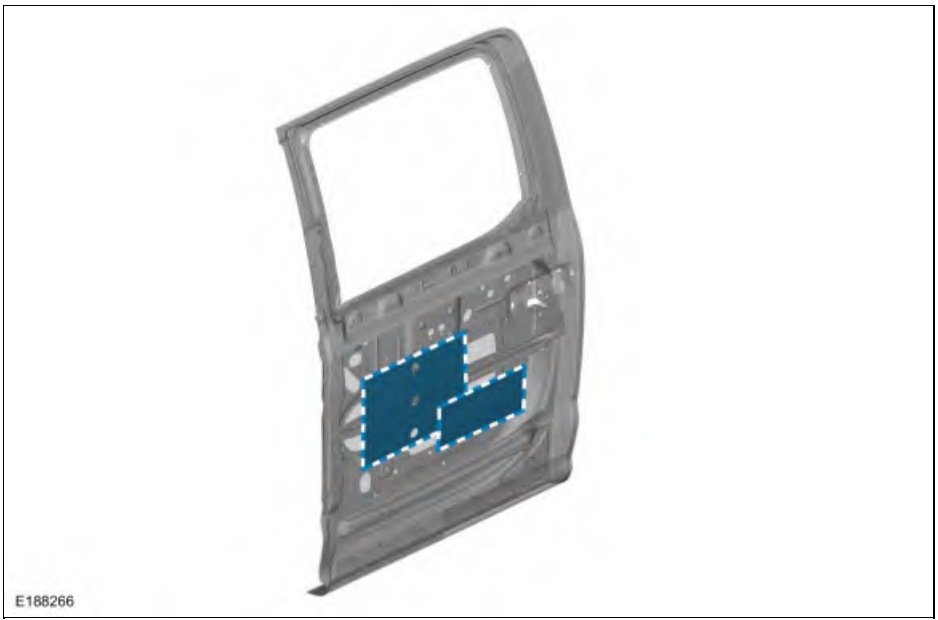
Front Door



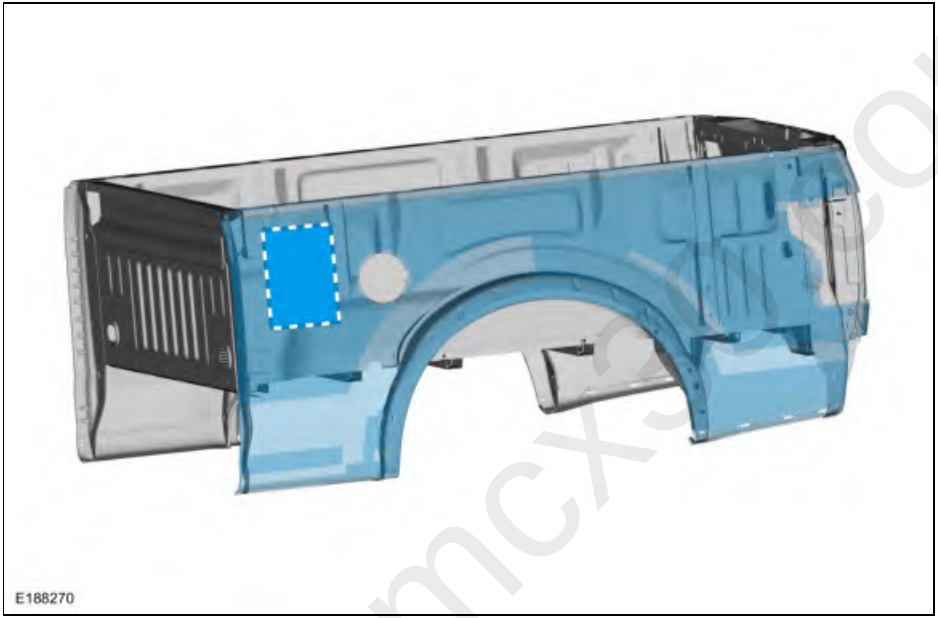
SuperCab Rear Door



Crew Cab Rear Door



6.5 Foot Pickup Box



8.0 Foot Pickup Box

