



Workshop Manual Tiguan 2016 ➤ Tiguan RUS 2017 ➤

Vehicle-specific paint information

Edition 05.2017



List of Workshop Manual Repair Groups

Repair Group

00 - Technical data

Technical information should always be available to the foremen and mechanics, because their careful and constant adherence to the instructions is essential to ensure vehicle road-worthiness and safety. In addition, the normal basic safety precautions for working on motor vehicles must, as a matter of course, be observed.



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00 – Technical data

1 Explanation of symbols

(VRL010353; Edition 05.2017)

⇒ [“1.1 Sanding”, page 1](#)

⇒ [“1.2 Seam sealing”, page 1](#)

⇒ [“1.3 Cavity sealing”, page 3](#)

1.1 Sanding

Avoid sanding through to substrate

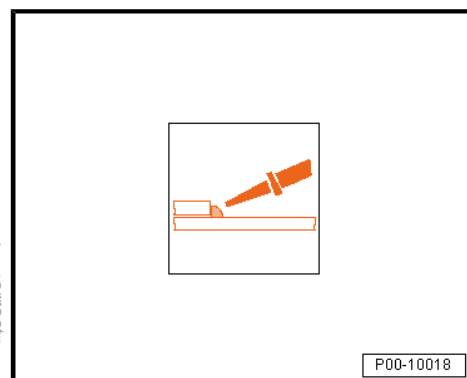
- It is recommended to carefully sand the marked area by hand to avoid “sanding through” the cathodic dip primer.



1.2 Seam sealing

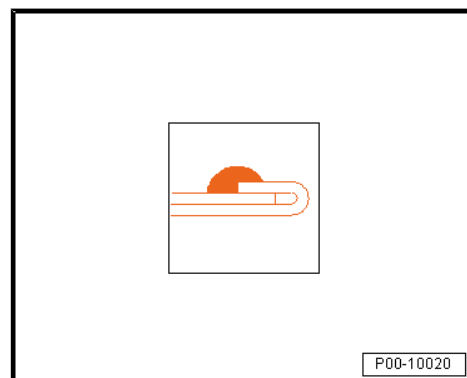
Sealing

- Apply sealant.



Fine seam sealing

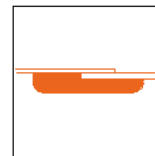
- Fine seam seals require that the sealant extend at least 3 mm from the seam in each direction and must have a height of 2 mm.





Coarse seam sealing

- Coarse seam seals require that the sealant be applied at least 20 mm wide and 2 mm high.



P00-10102

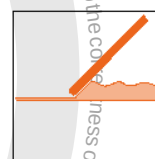
Smoothing seals

- Sealant in the marked areas must be smoothed following application.



Note

When smoothing the sealant seam, ensure that the sheet metal edges which are to be protected are not exposed. The metal must be covered with a sufficiently thick layer of PVC.



P00-10019

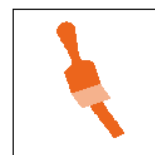
Brushing seals

- Sealant in the marked areas must be brushed following application.



Note

When brushing the sealant seam, ensure that the sheet metal edges which are to be protected are not exposed and that the metal is covered with a sufficiently thick layer of PVC.



P00-10103

Sealing the folded seam groove

- The marked areas must be closed following application of sealant to the "U" of the folded seam.



Note

When brushing the sealant seam, ensure that the sheet metal edges which are to be protected are not exposed. The metal must be covered with a sufficiently thick layer of PVC so that the groove in the folded seam remains closed.



P00-10021



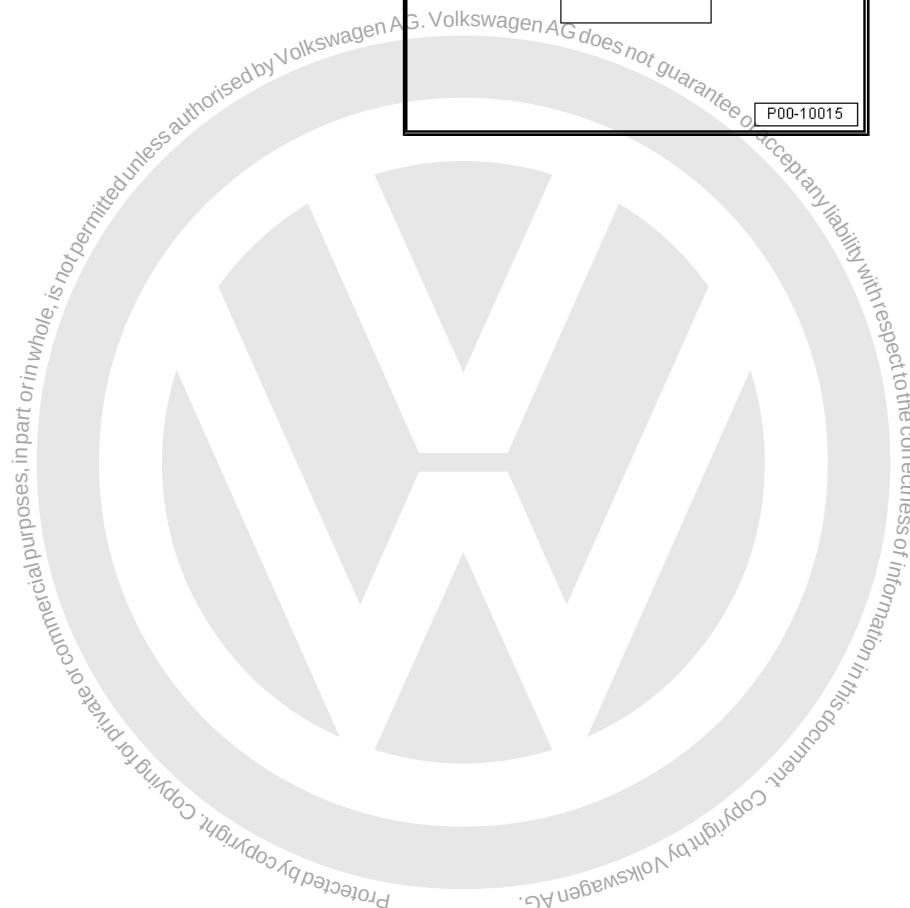
1.3 Cavity sealing

Sealing cavities

- The marked areas must be sealed following body repair.



P00-10015



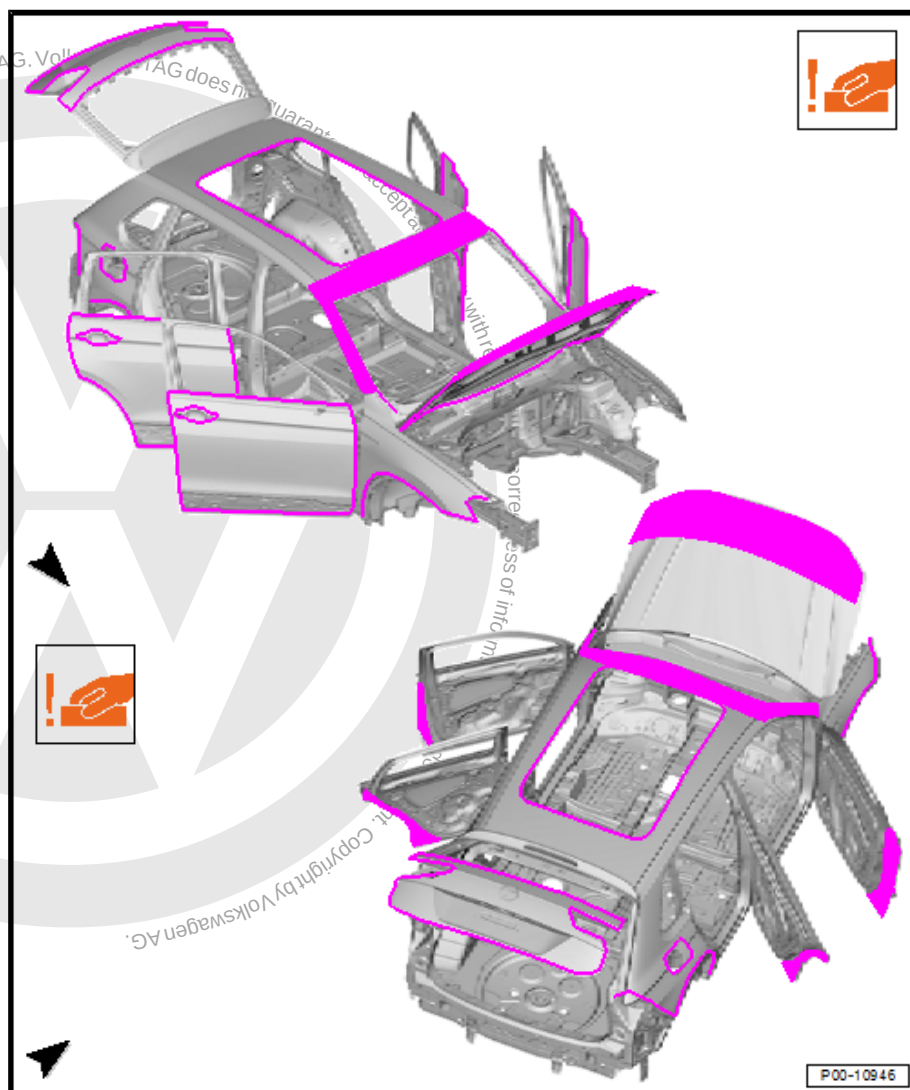


2 Areas exposed to stone chipping

⇒ ["2.1 Areas exposed to stone chipping - overview", page 4](#)

2.1 Areas exposed to stone chipping - overview

Overview of body



Note

- ◆ *The marked areas are exposed to stone chipping.*
- ◆ *When sanding these areas, note thickness of the paint structure and avoid sanding through. This is the only way to ensure long-term corrosion protection.*
- It is recommended to carefully sand the marked area by hand to avoid "sanding through" the cathodic dip primer.



3 Masked sectors

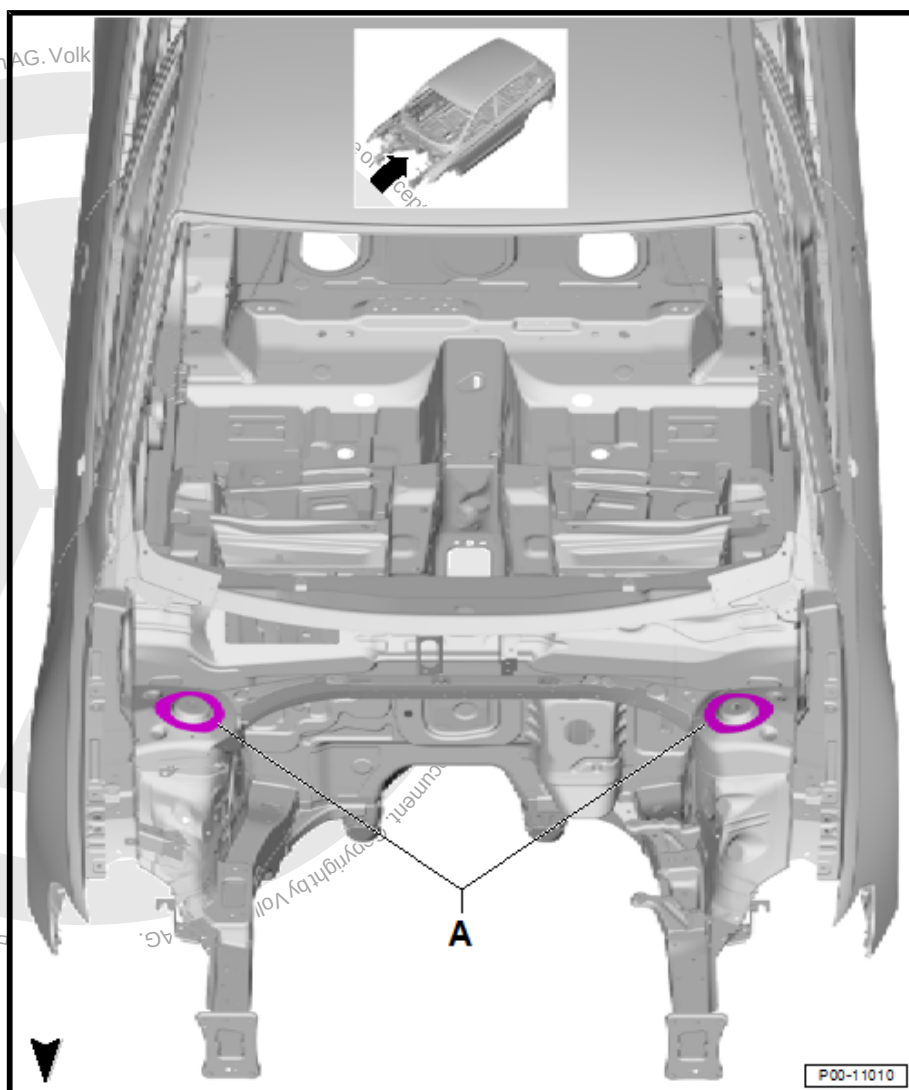
⇒ [“3.1 Masking areas, front body”, page 5](#)

⇒ [“3.2 Masking areas, rear body”, page 5](#)

3.1 Masking areas, front body

Masking areas, engine compartment

A - No sealant on thread or contact surface



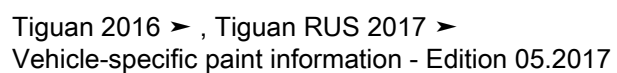
3.2 Masking areas, rear body

Masking areas, rear body ⇒ [page 5](#)

Masking areas on left wheel housing ⇒ [page 6](#)

Masking areas on right wheel housing ⇒ [page 7](#)

Masking areas, rear body



B - Thread waxed

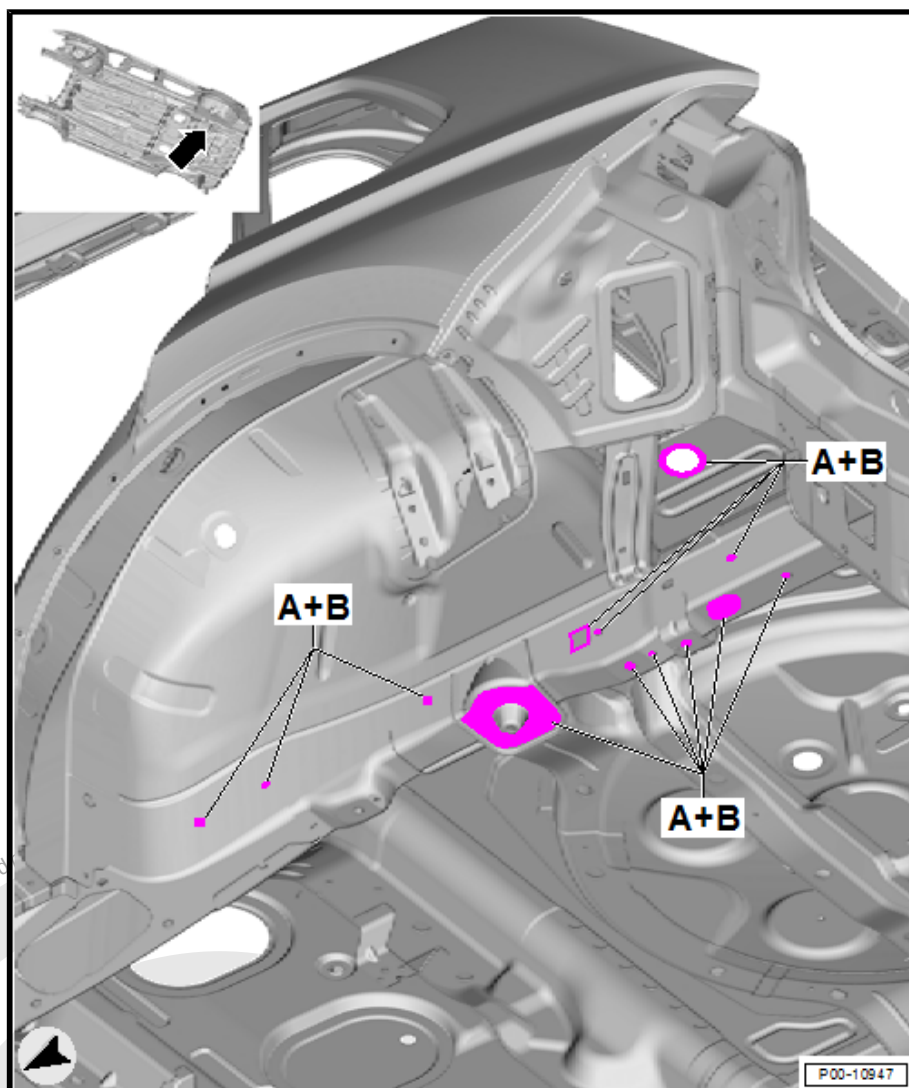


Masking areas on left wheel housing



A - No sealant on thread or contact surface

B - Thread waxed

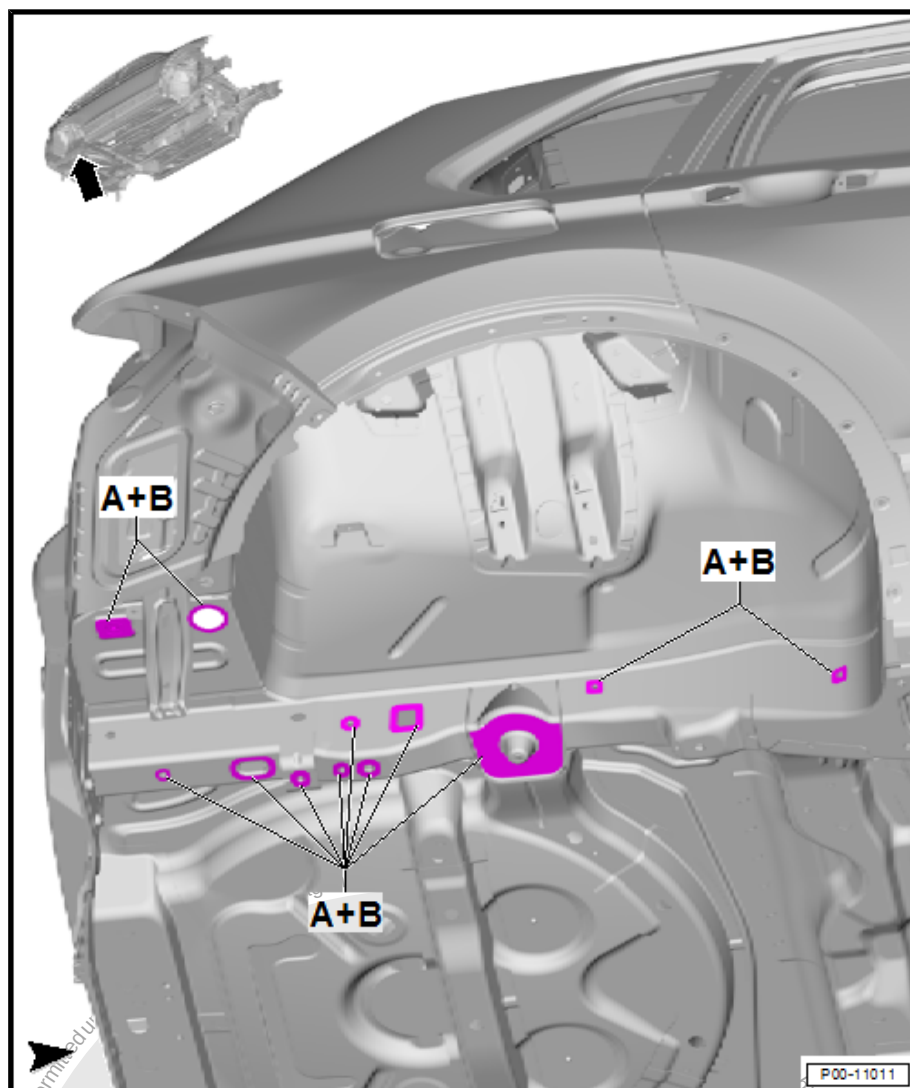


Masking areas on right wheel housing



A - No sealant on thread or
contact surface

B - Thread waxed





4 Seam sealing

⇒ ["4.1 Seam seals, front body", page 9](#)

⇒ ["4.2 Seam seals, centre body", page 15](#)

⇒ ["4.3 Seam seals, rear body", page 16](#)

4.1 Seam seals, front body



Note

- ◆ *When performing repair work, the seam sealing should be restored to match the original appearance and layer thickness.*
- ◆ *To avoid damage or faulty operation, brush seam seals smooth near parts which must be attached.*
- ◆ *Water drainage holes must remain clear.*
- ◆ *All threaded studs and welded nuts with metric threads as well as all other studs and contact surfaces for assembly must be functional following the extent of the sealing work.*
- ◆ *Sealant must never be applied to bare substrates. Substrates must always be surfaced first.*

Seam seals, left side of engine compartment



- Coarse seam sealing

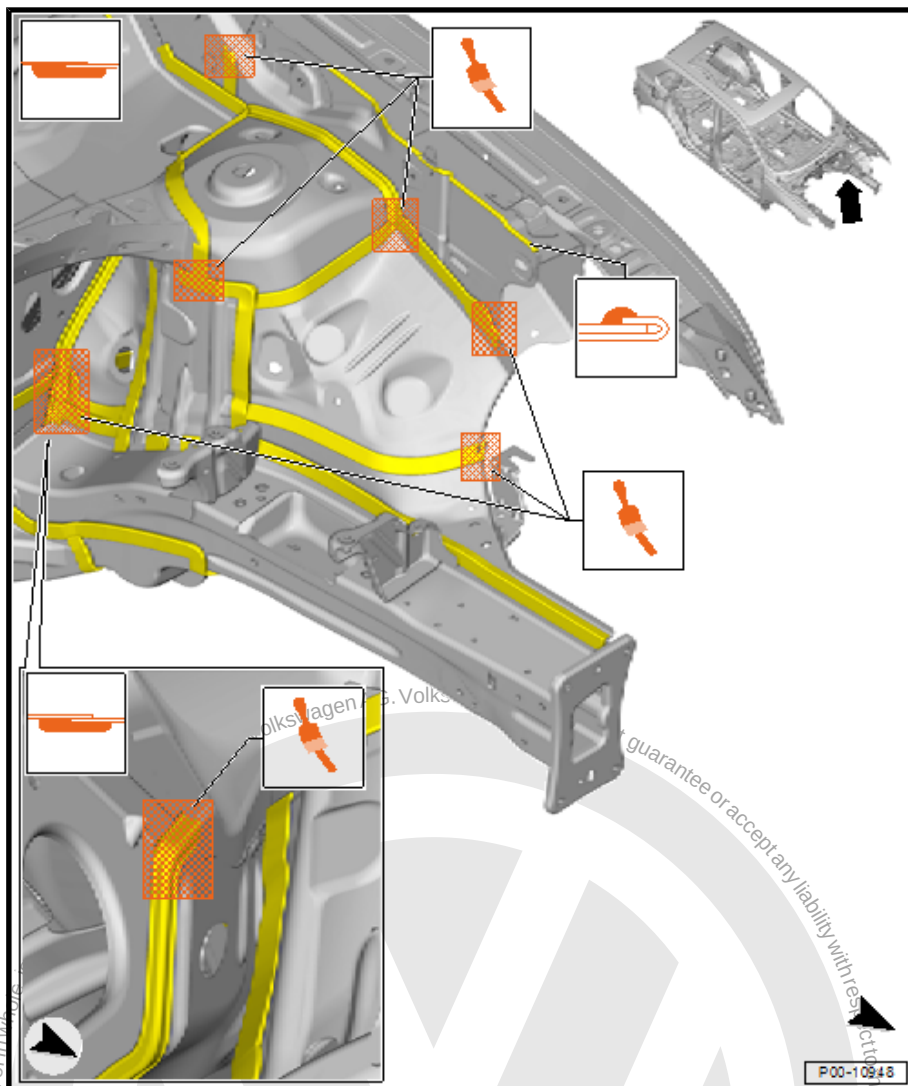
- ❑ Coarse seam seals require that the sealant be applied at least 20 mm wide and 2 mm high.

- Fine seam sealing

- ❑ Fine seam seals require that the sealant extend at least 3 mm from the seam in each direction and must have a height of 2 mm.

- Brushing seals

- ❑ Sealant in the marked areas must be brushed following application.



Note

When brushing the sealant seam, ensure that the sheet metal edges which are to be protected are not exposed. The metal must be covered with a sufficiently thick layer of PVC.

Seam seals, right side of engine compartment



- Coarse seam sealing

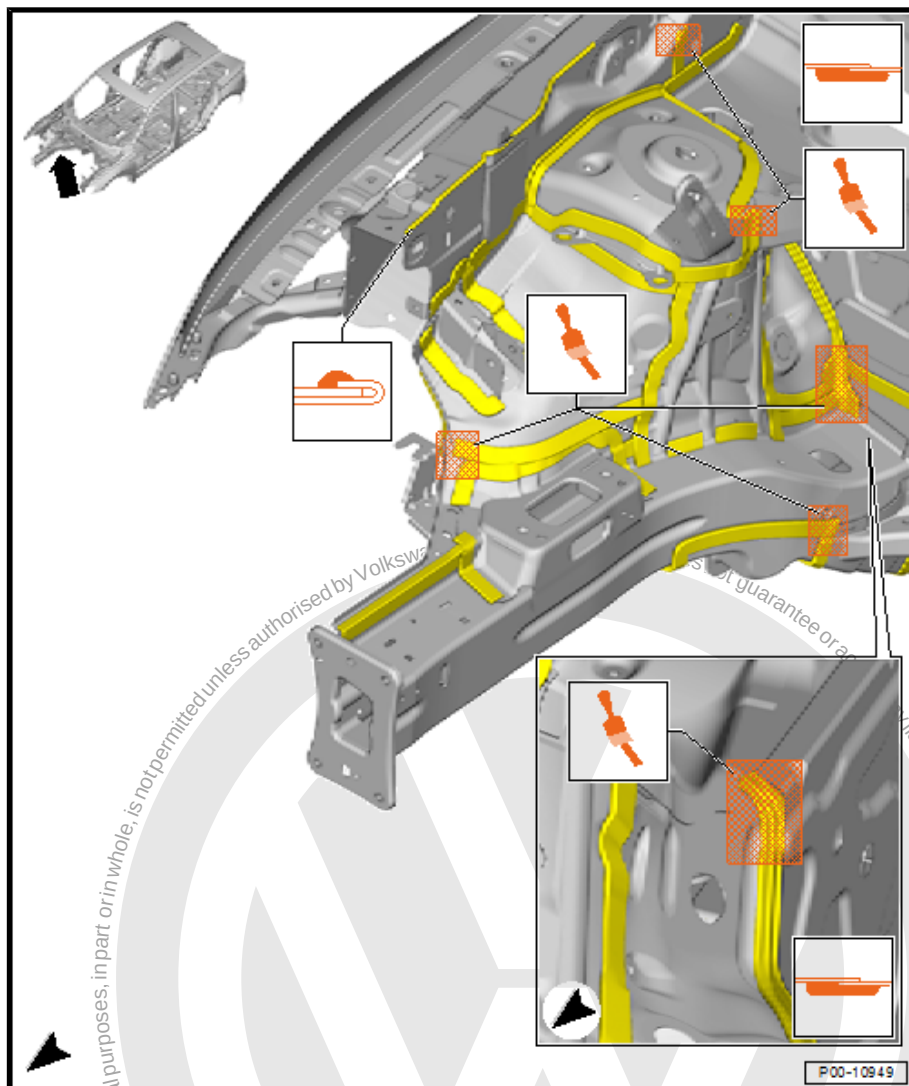
- ☐ Coarse seam seals require that the sealant be applied at least 20 mm wide and 2 mm high.

- Fine seam sealing

- ☐ Fine seam seals require that the sealant extend at least 3 mm from the seam in each direction and must have a height of 2 mm.

- Brushing seals

- ☐ Sealant in the marked areas must be brushed following application.



Note

When brushing the sealant seam, ensure that the sheet metal edges which are to be protected are not exposed. The metal must be covered with a sufficiently thick layer of PVC.

Seam seals, left wheel housing



- Coarse seam sealing

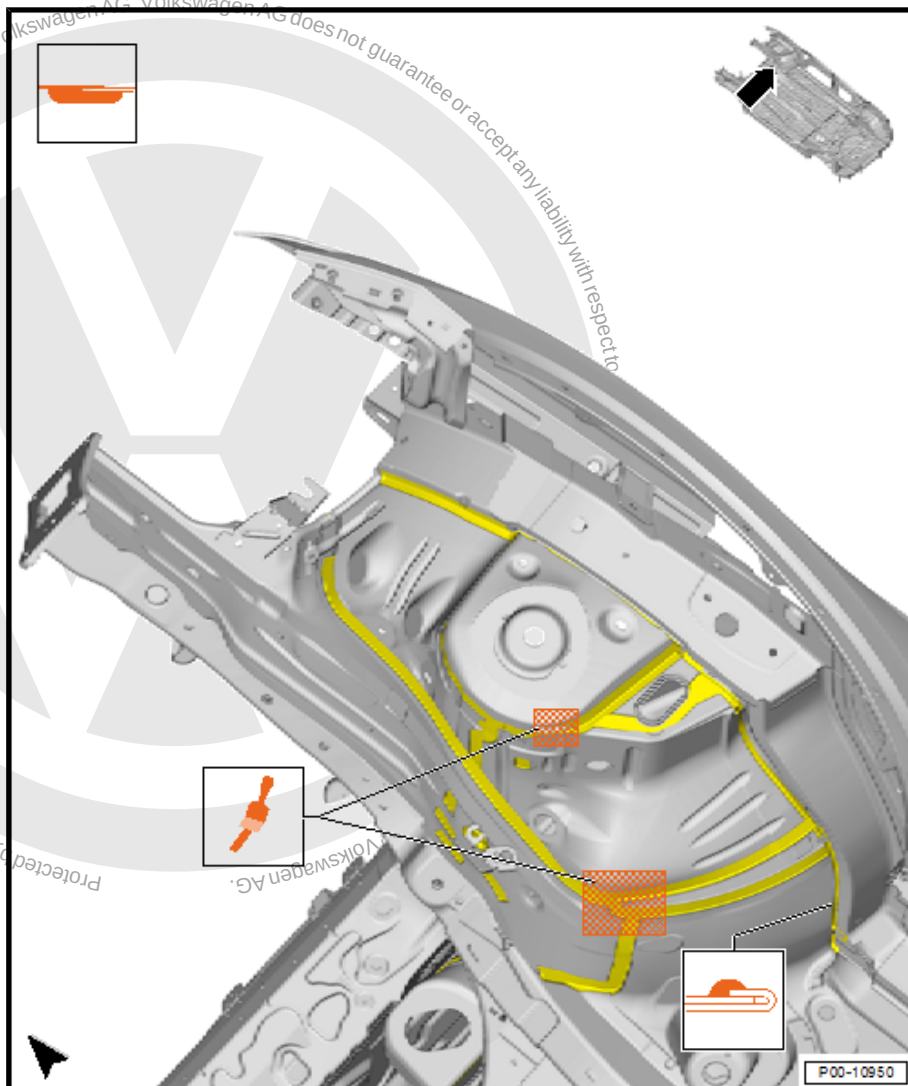
- ❑ Coarse seam seals require that the sealant be applied at least 20 mm wide and 2 mm high.

- Fine seam sealing

- ❑ Fine seam seals require that the sealant extend at least 3 mm from the seam in each direction and must have a height of 2 mm.

- Brushing seals

- ❑ Sealant in the marked areas must be brushed following application.



Note

When brushing the sealant seam, ensure that the sheet metal edges which are to be protected are not exposed. The metal must be covered with a sufficiently thick layer of PVC.

Seam seals, right wheel housing



- Coarse seam sealing

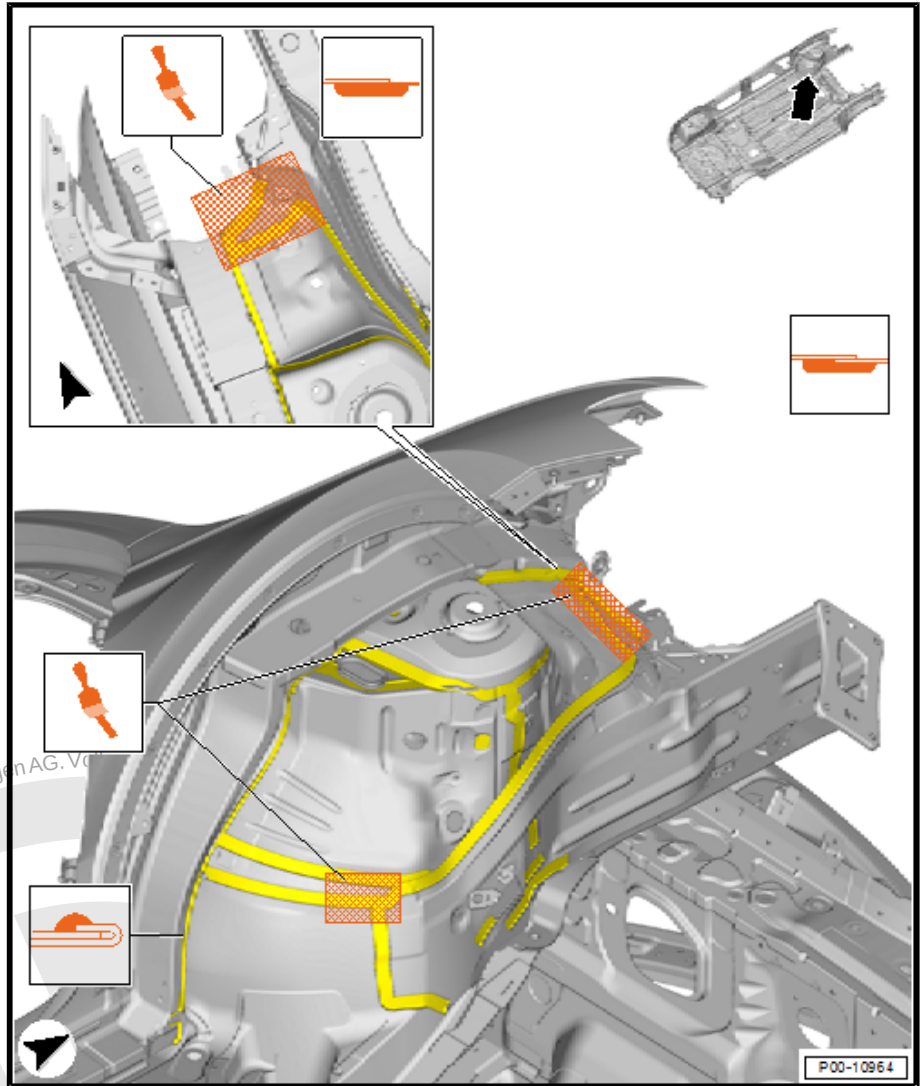
- ☐ Coarse seam seals require that the sealant be applied at least 20 mm wide and 2 mm high.

- Fine seam sealing

- ☐ Fine seam seals require that the sealant extend at least 3 mm from the seam in each direction and must have a height of 2 mm.

- Brushing seals

- ☐ Sealant in the marked areas must be brushed following application.



Note

When brushing the sealant seam, ensure that the sheet metal edges which are to be protected are not exposed. The metal must be covered with a sufficiently thick layer of PVC.

Seam seals, A-pillar



- Fine seam sealing

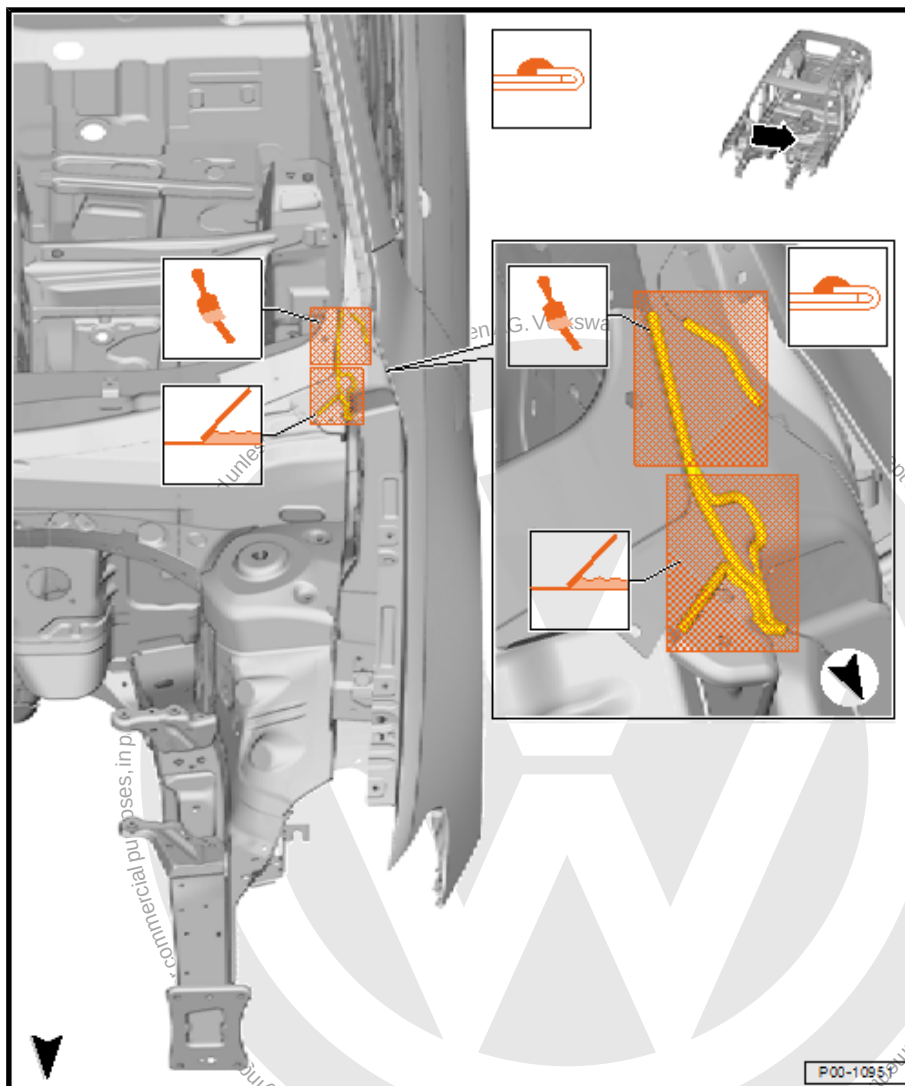
- ❑ Fine seam seals require that the sealant extend at least 3 mm from the seam in each direction and must have a height of 2 mm.

- Smoothing seals

- ❑ Sealant in the marked areas must be smoothed following application.

- Brushing seals

- ❑ Sealant in the marked areas must be brushed following application.



Note

When smoothing or brushing the sealant seam, ensure that the sheet metal edges which are to be protected are not exposed. The metal must be covered with a sufficiently thick layer of PVC.



4.2 Seam seals, centre body



Note

- ◆ *When performing repair work, the seam sealing should be re-stored to match the original appearance and layer thickness.*
- ◆ *To avoid damage or faulty operation, brush seam seals smooth near parts which must be attached.*
- ◆ *Water drainage holes must remain clear.*
- ◆ *All threaded studs and welded nuts with metric threads as well as all other studs and contact surfaces for assembly must be functional following the extent of the sealing work.*
- ◆ *Sealant must never be applied to bare substrates. Substrates must always be surfaced first.*

Seam seals, roof

- Fine seam sealing

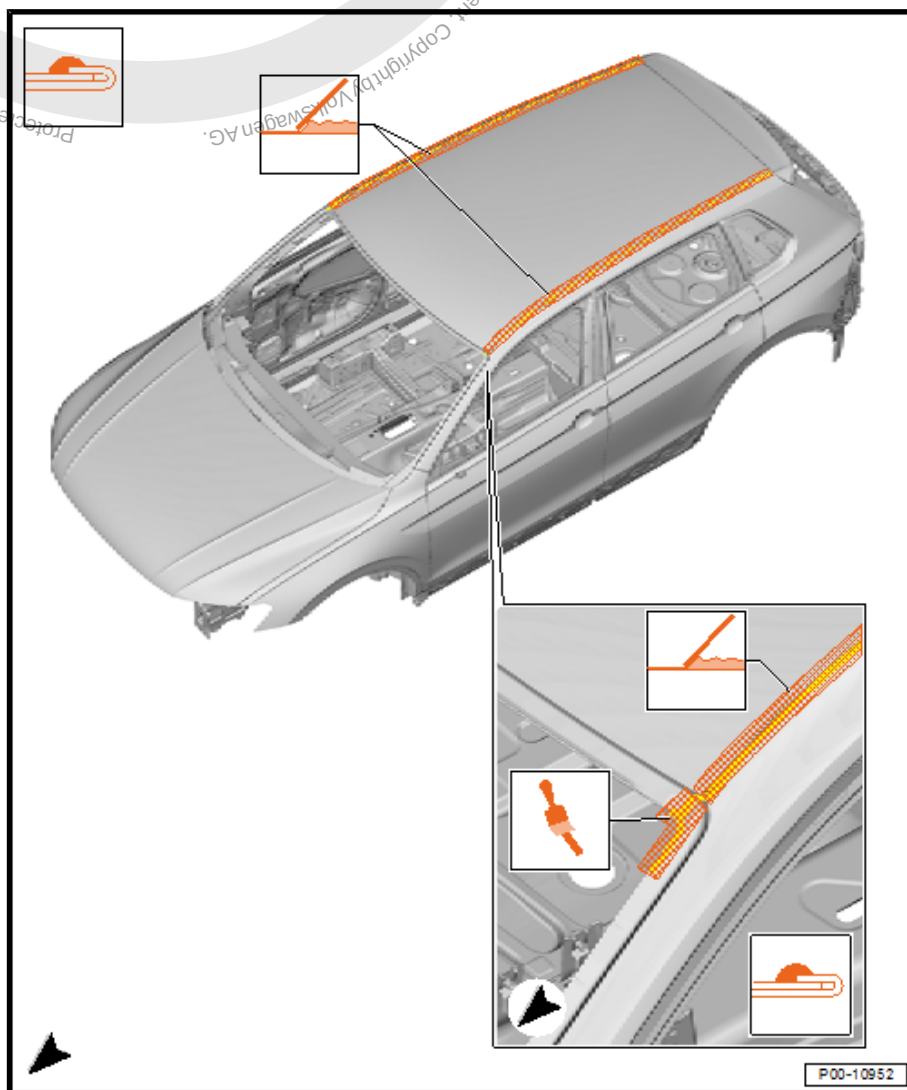
- ☐ Fine seam seals require that the sealant extend at least 3 mm from the seam in each direction and must have a height of 2 mm.

- Smoothing seals

- ☐ Sealant in the marked areas must be smoothed following application.

- Brushing seals

- ☐ Sealant in the marked areas must be brushed following application.





Note

When smoothing or brushing the sealant seam, ensure that the sheet metal edges which are to be protected are not exposed. The metal must be covered with a sufficiently thick layer of PVC.

4.3 Seam seals, rear body



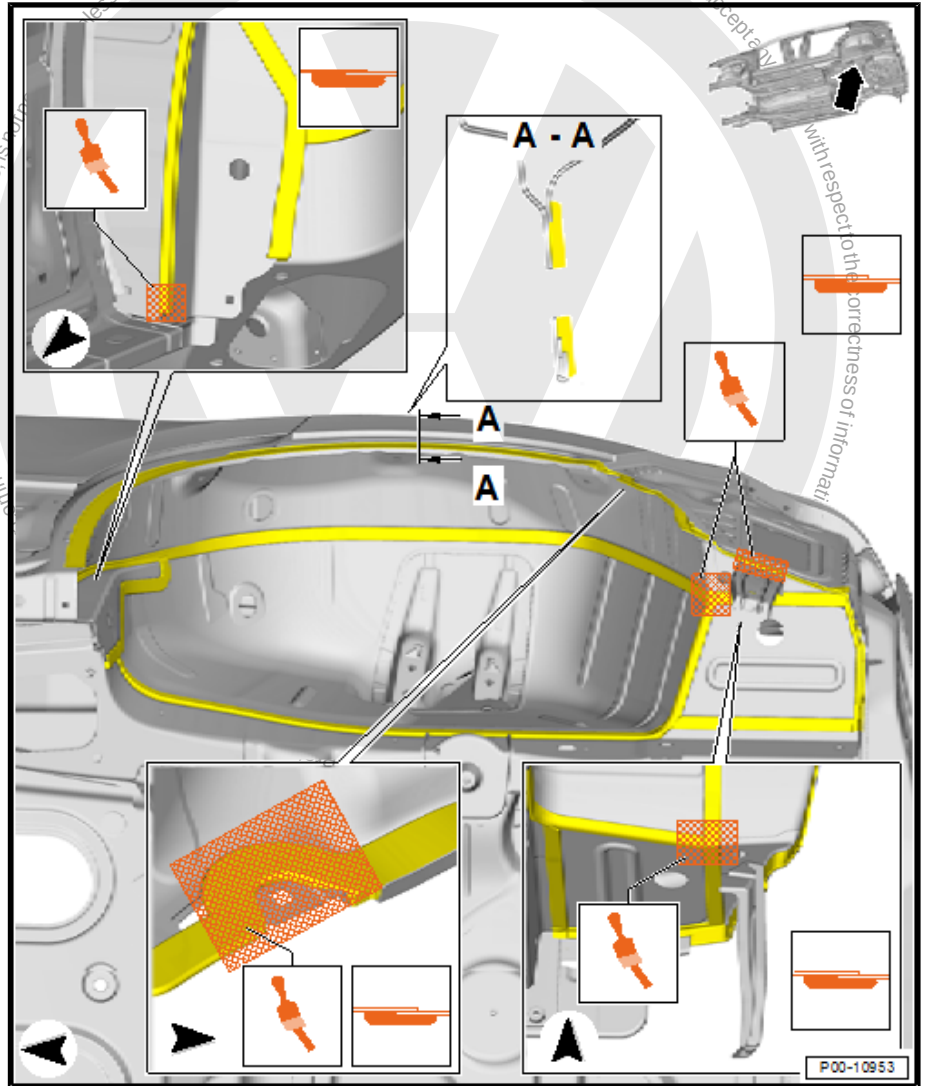
Note

- ◆ *When performing repair work, the seam sealing should be restored to match the original appearance and layer thickness.*
- ◆ *To avoid damage or faulty operation, brush seam seals smooth near parts which must be attached.*
- ◆ *Water drainage holes must remain clear.*
- ◆ *All threaded studs and welded nuts with metric threads as well as all other studs and contact surfaces for assembly must be functional following the extent of the sealing work.*
- ◆ *Sealant must never be applied to bare substrates. Substrates must always be surfaced first.*

Seam seals, wheel housing

- ❑ Coarse seam seals require that the sealant be applied at least 20 mm wide and 2 mm high.

- Sealant in the marked areas must be brushed following application.



Seam seals, rear cross panel



- Coarse seam sealing

- ❑ Coarse seam seals require that the sealant be applied at least 20 mm wide and 2 mm high.

- Fine seam sealing

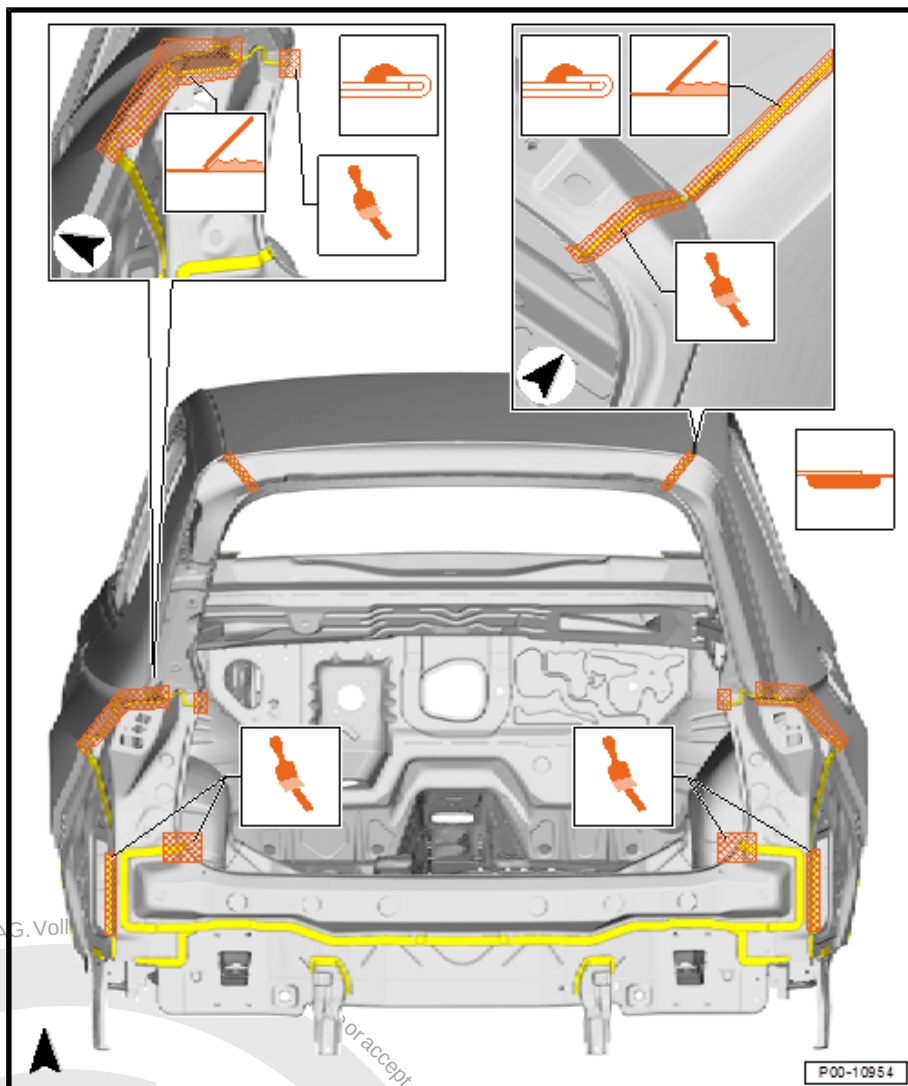
- ❑ Fine seam seals require that the sealant extend at least 3 mm from the seam in each direction and must have a height of 2 mm.

- Smoothing seals

- ❑ Sealant in the marked areas must be smoothed following application.

- Brushing seals

- ❑ Sealant in the marked areas must be brushed following application.



Note

When smoothing or brushing the sealant seam, ensure that the sheet metal edges which are to be protected are not exposed. The metal must be covered with a sufficiently thick layer of PVC.



5 Underseal

⇒ ["5.1 Underseal, body - overview with differing layer thickness", page 19](#)

⇒ ["5.2 Undersealed areas", page 20](#)

5.1 Underseal, body - overview with differing layer thickness



Note

- ◆ Underseal (stone-chipping protection) applied during repair work must be identical in appearance and thickness to the original underseal.
- ◆ Water drainage holes must remain clear.
- ◆ All threaded studs and welded nuts with metric threads as well as all other studs and contact surfaces for assembly must be functional following the application of the underseal.

Underseal overview

a - Underseal

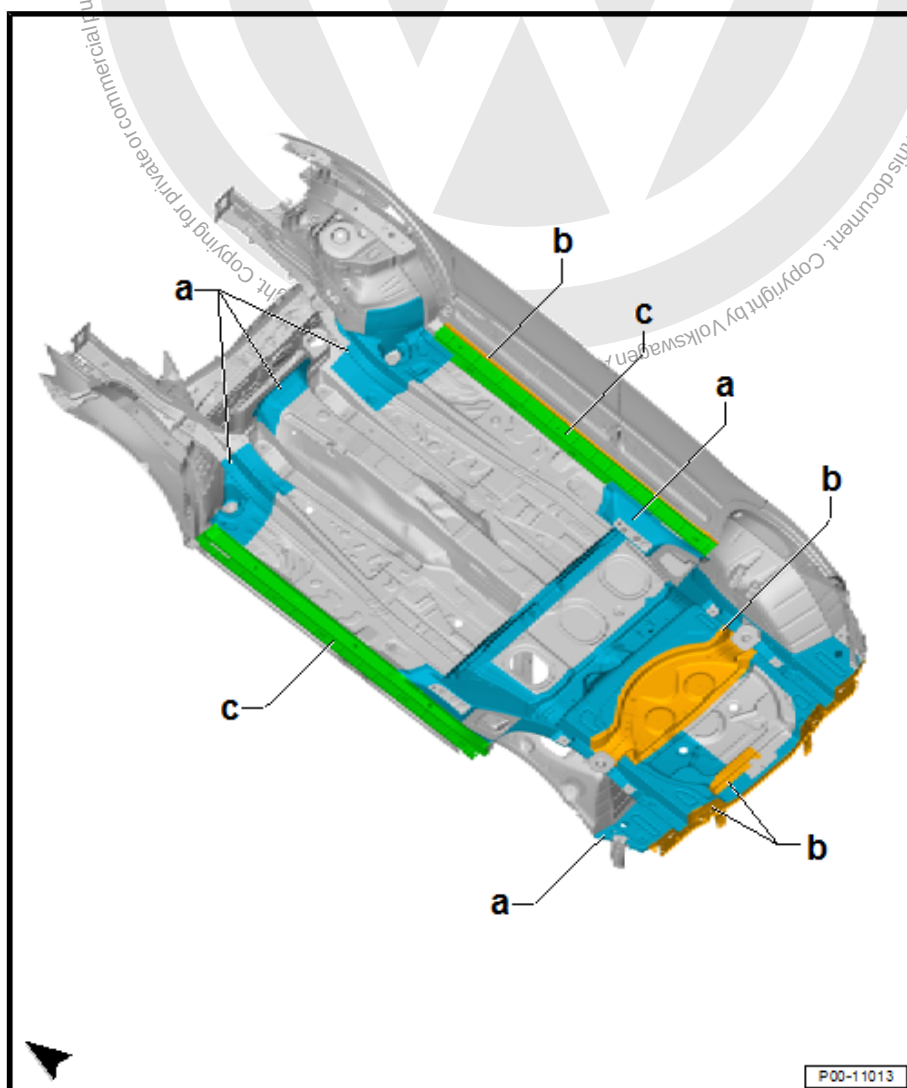
- Coat thickness: 0.3 mm

b - Underseal

- Coat thickness: 0.5 mm

c - Underseal

- Coat thickness: 1.2 mm





5.2 Undersealed areas

Underseal, front wheel housing ⇒ [page 20](#)

Undercoating, side member, with sectional view ⇒ [page 20](#)

Underseal, rear ⇒ [page 21](#)



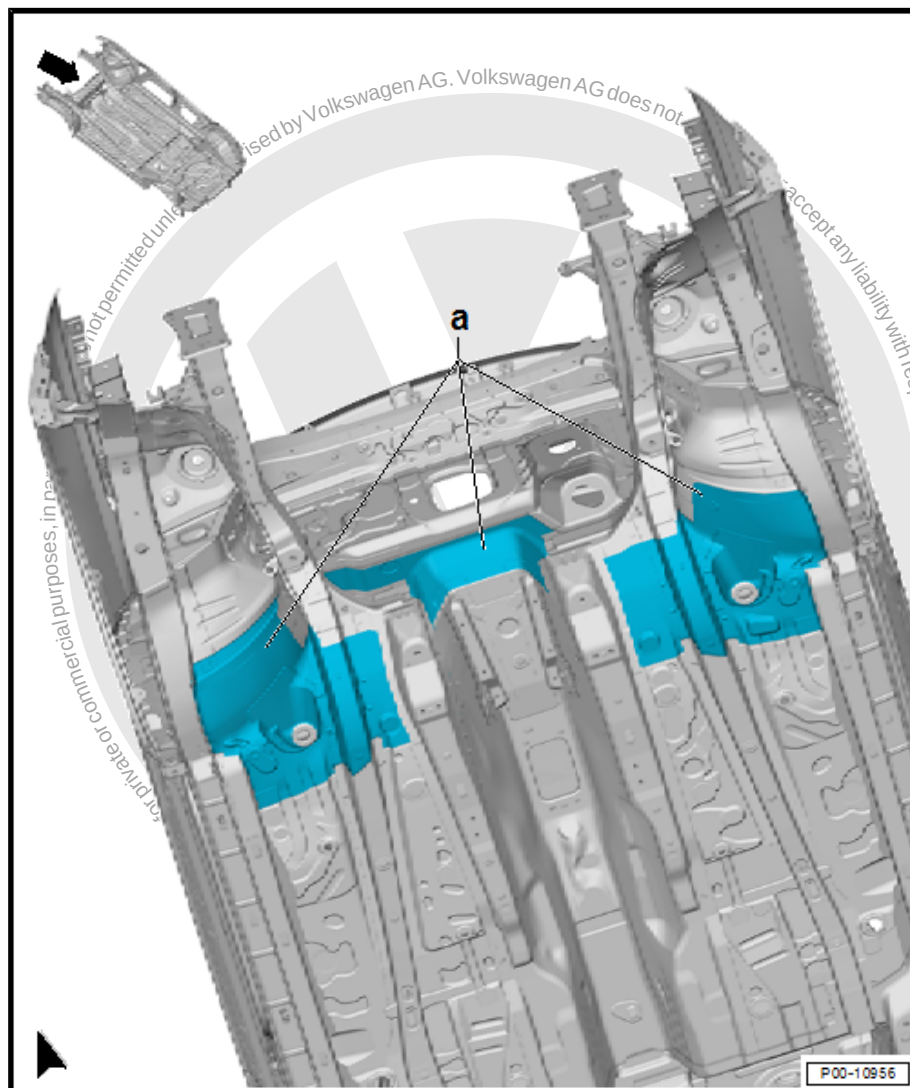
Note

- ◆ Underseal (stone-chipping protection) applied during repair work must be identical in appearance and thickness to the original underseal.
- ◆ Water drainage holes must remain clear.
- ◆ All threaded studs and welded nuts with metric threads as well as all other studs and contact surfaces for assembly must be functional following the application of the underseal.

Underseal, front wheel housing

a - Underseal

- Coat thickness: 0.3 mm



Undercoating, side member, with sectional view



b - Underseal

- Coat thickness: 0.5 mm

c - Underseal

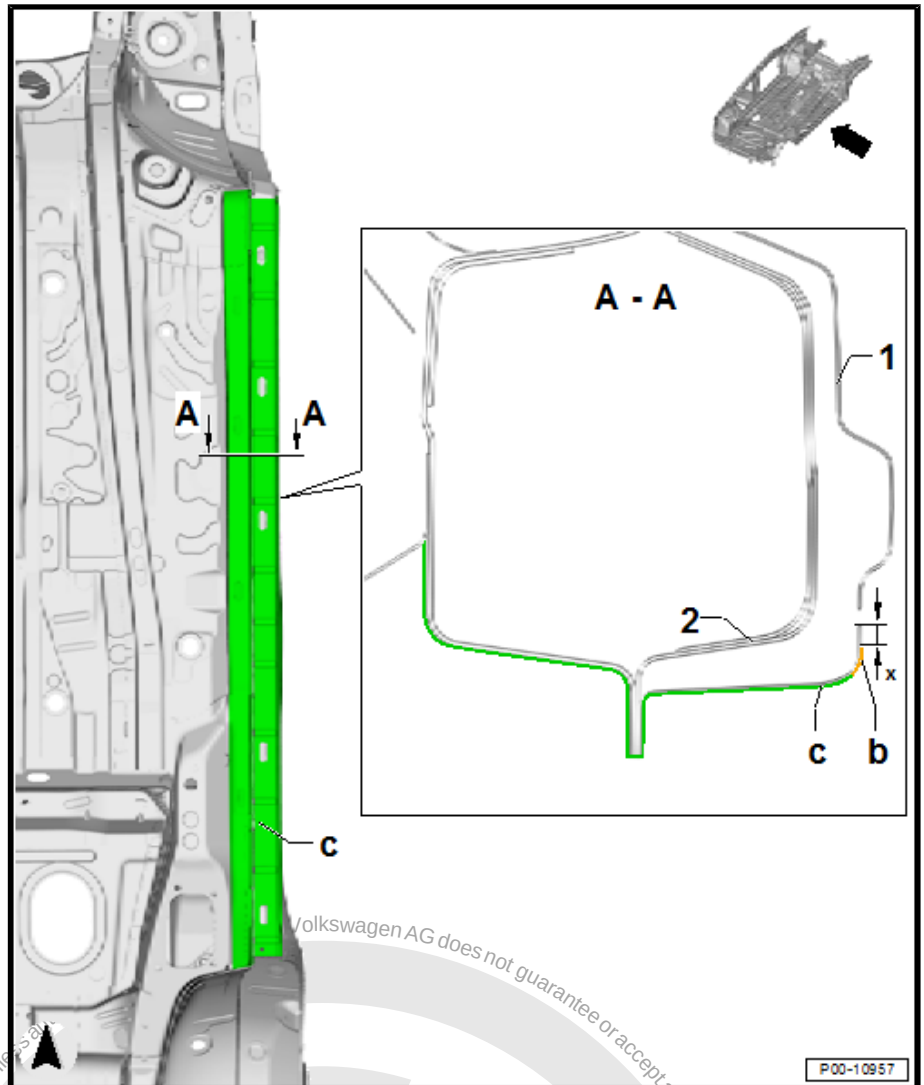
- Coat thickness: 1.2 mm

1 - Outer part of side panel

2 - Inner side member

- Dimension -x-

- 6 mm



Underseal, rear

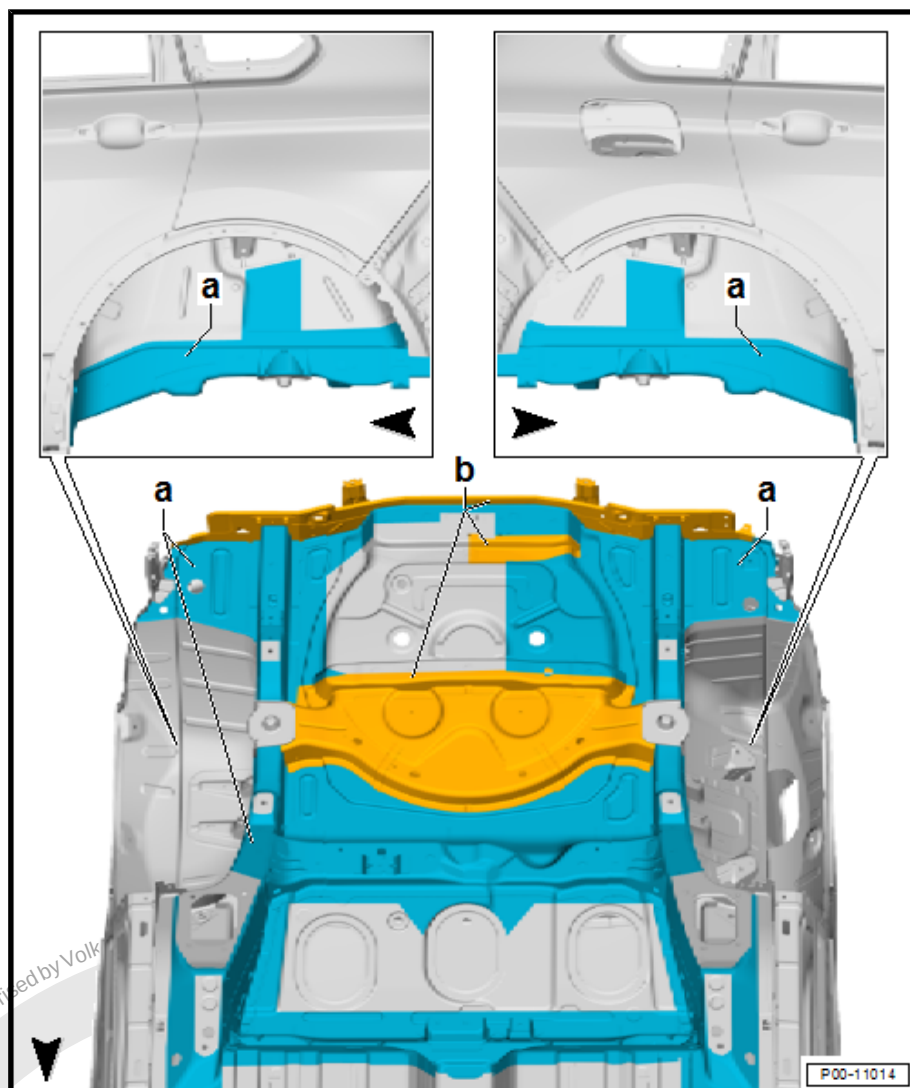


a - Underseal

- Coat thickness: 0.3 mm

b - Underseal

- Coat thickness: 0.5 mm





6 Cavity sealing

⇒ [“6.1 Cavity sealing, body - overview”, page 23](#)

⇒ [“6.2 Cavity sealing, rear body”, page 24](#)

⇒ [“6.3 Cavity sealing, doors and rear lid”, page 24](#)

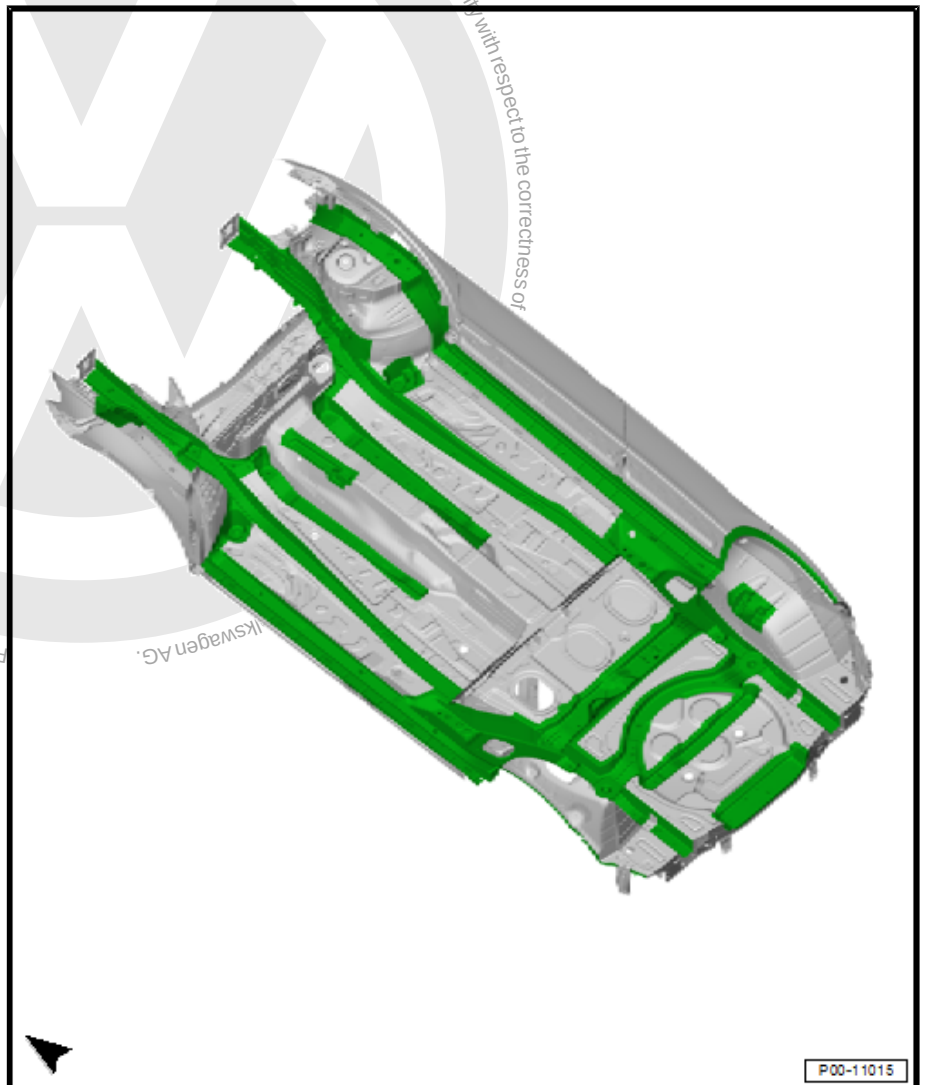
6.1 Cavity sealing, body - overview



Note

The indicated areas have been treated with cavity sealant and must be resealed following repairs.

Overview of cavity sealing





6.2 Cavity sealing, rear body



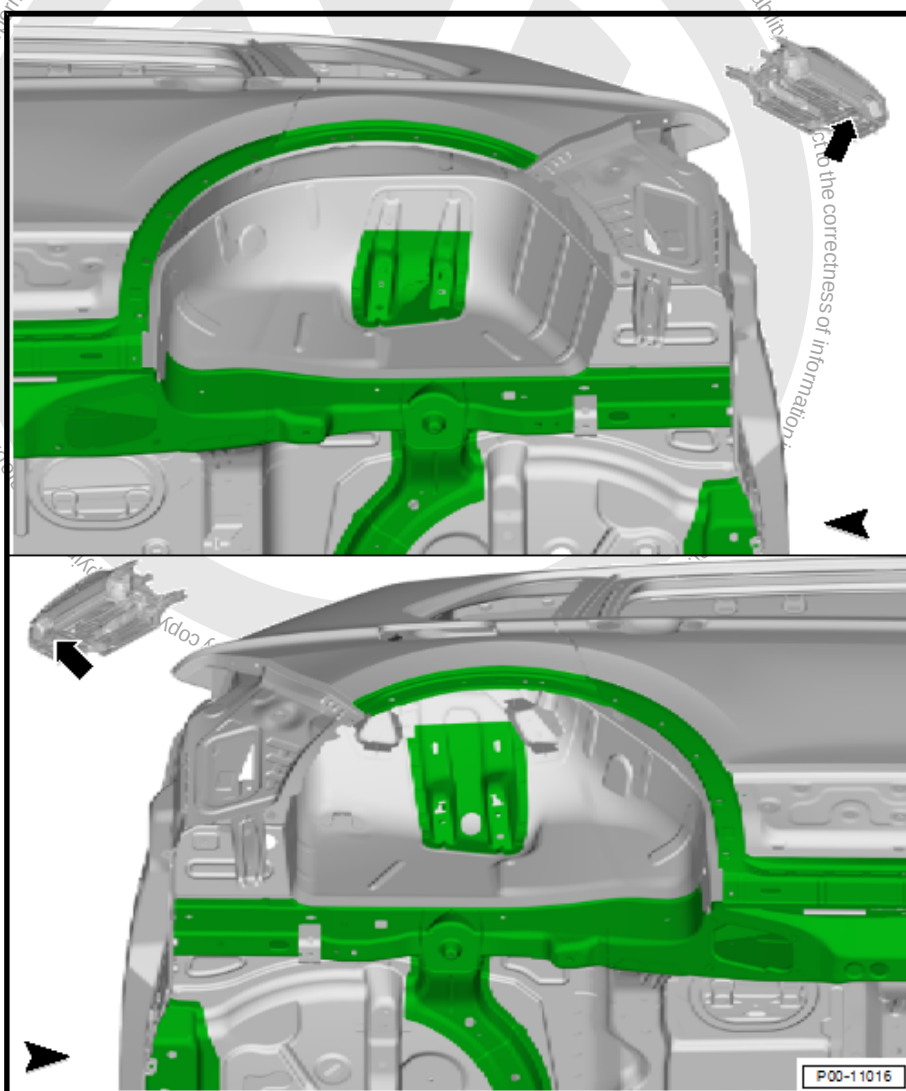
Note

The indicated areas have been treated with cavity sealant and must be resealed following repairs.

Cavity sealing, rear wheel housing

The upper illustration shows the right wheel housing.

The lower illustration shows the left wheel housing.



6.3 Cavity sealing, doors and rear lid



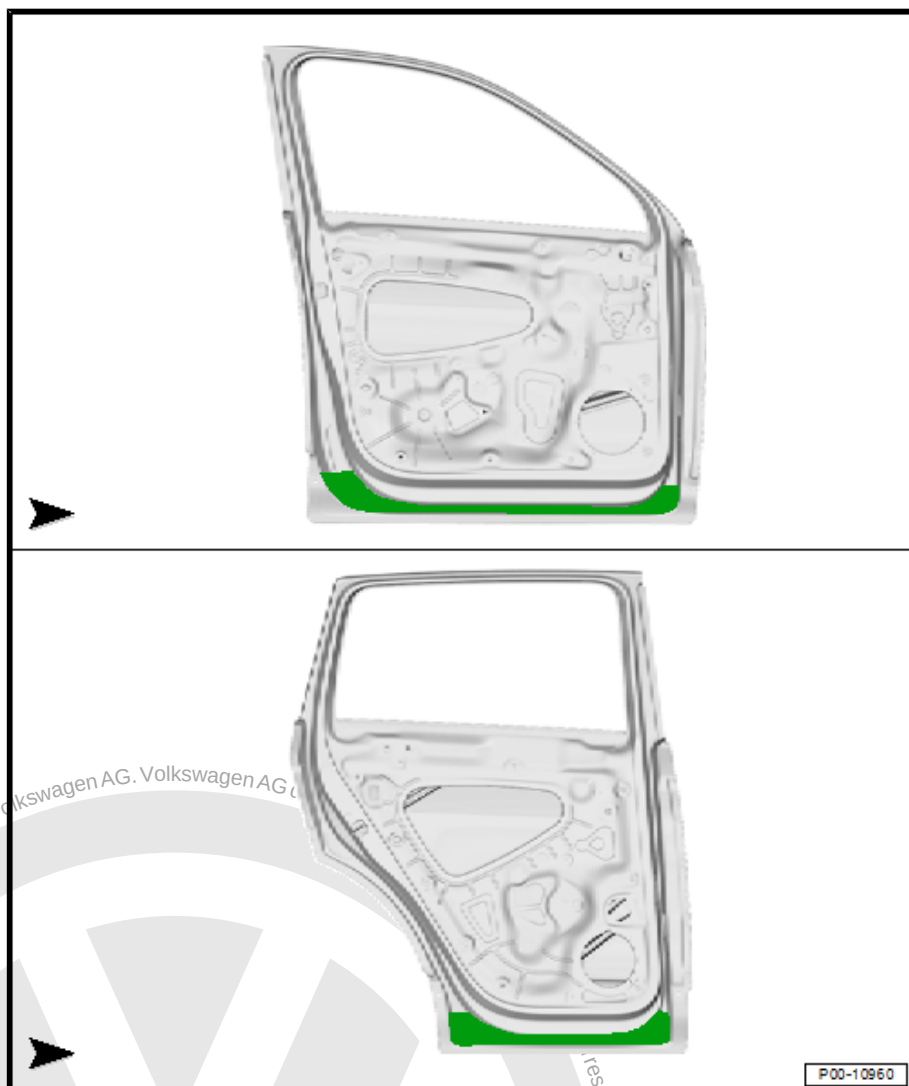
Note

The indicated areas have been treated with cavity sealant and must be resealed following repairs.

A front door is illustrated in the upper picture.



A rear door is illustrated in the lower picture.



Note

The indicated area has been treated with cavity sealant and must be resealed following repairs.

Cavity sealing, rear lid





7 Contrasting colours

⇒ [“7.1 Contrasting colours, side member”, page 27](#)

⇒ [“7.2 Contrasting colours, front bumper”, page 28](#)

⇒ [“7.3 Contrasting colours, rear bumper”, page 29](#)

7.1 Contrasting colours, side member

Contrasting colours, side member, with sectional view

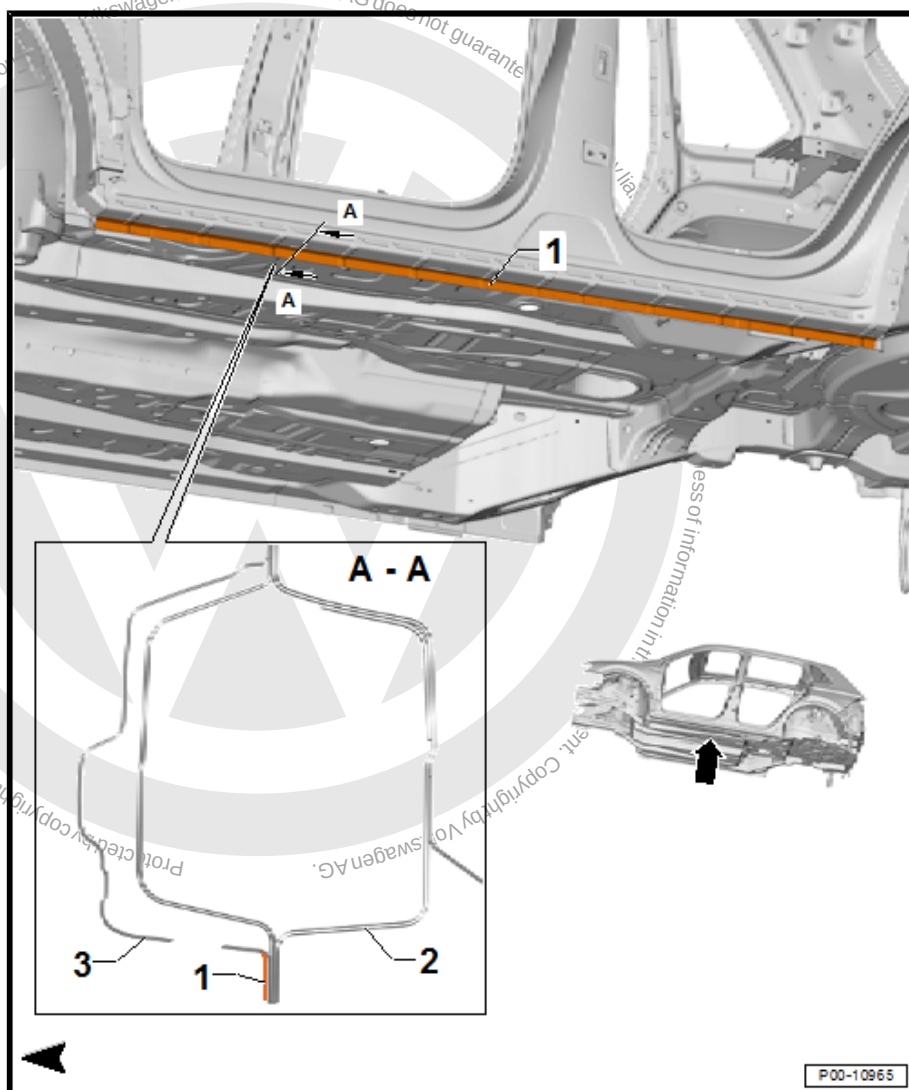
1 - Contrasting colours, side member

Depending on manufacture, various colours are possible:

- ◆ L 041 black, solid
- ◆ L C9X Deep Black Pearlescent
- ◆ L 03C Rally black

2 - Inner side member

3 - Outer part of side panel





7.2 Contrasting colours, front bumper

With sender for parking aid/park assist steering (Highline, Comfortline) ➔ [page 28](#)

With sender for parking aid/park assist steering (R-Line)
➔ [page 28](#)

With sender for parking aid/park assist steering (Highline, Comfortline)

Illustration shows left side. The right side is the mirror image.

1 - Bumper

Body colour

2 - Park assist steering sender

Bumper

Cathodic dip painting and body colour

3 - Air intake grille

Comfortline equipment: unpainted

Highline equipment: metallic granite grey (L-YE4)

4 - Parking aid sender

Air intake grille

Comfortline equipment: unpainted

Highline equipment: metallic granite grey (L-YE4)

5 - Spoiler

Comfortline equipment: unpainted

Highline equipment: metallic granite grey (L-YE4)

6 - Parking aid sender

Spoiler

Comfortline equipment: unpainted

Highline equipment: metallic granite grey (L-YE4)

With sender for parking aid/park assist steering (R-Line)

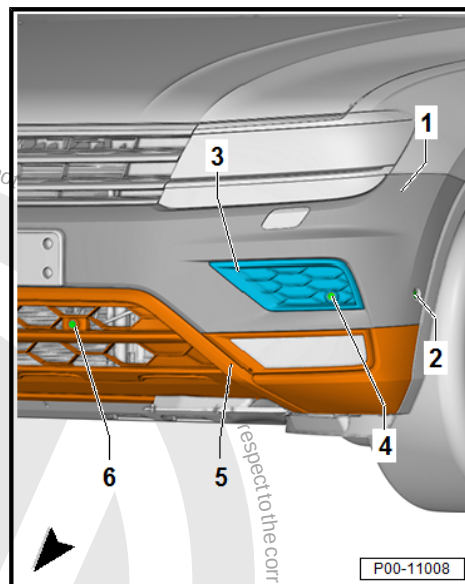




Illustration shows left side. The right side is the mirror image.

1 - Bumper

Body colour

2 - Park assist steering sender

Bumper

Cathodic dip painting and body colour

3 - Air intake grille

Centre

Colour: high-gloss black (L-041)

4 - Parking aid sender

Air intake grille/cover

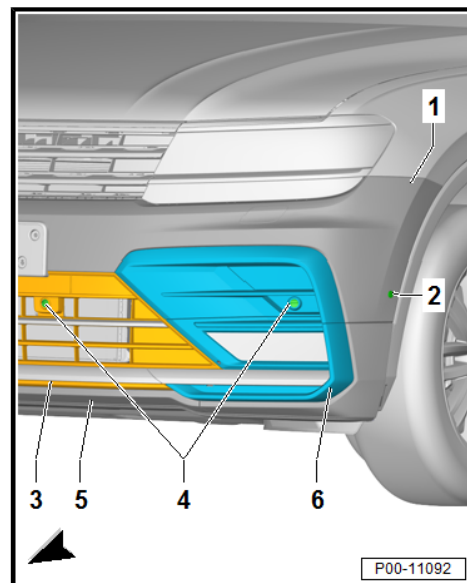
Colour: high-gloss black (L-041)

5 - Spoiler

Black, grained

6 - Cover section

Colour: high-gloss black (L-041)



7.3 Contrasting colours, rear bumper

Contrasting colours, basic spoiler with parking aid/park assist steering senders ➔ page 29

Contrasting colours, rear spoiler with parking aid/park assist steering senders ➔ page 29

Contrasting colours, basic spoiler with parking aid/park assist steering senders

Illustration shows left side. The right side is the mirror image.

1 - Park assist steering sender

Bumper

Cathodic dip painting and body colour

2 - Bumper

Body colour

3 - Parking aid sender

Basic spoiler

Unpainted

4 - Basic spoiler

Contrasting colours, rear spoiler with parking aid/park assist steering senders

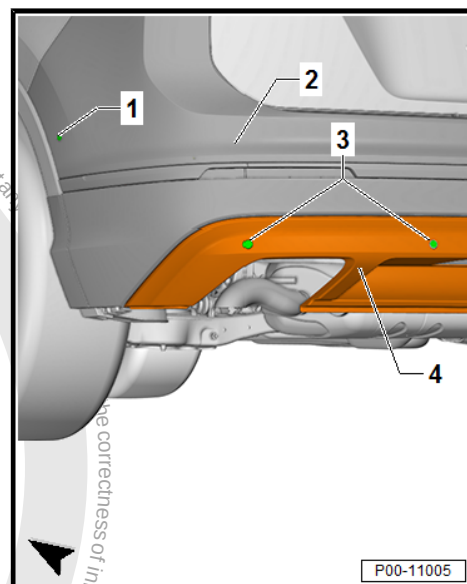




Illustration shows left side. The right side is the mirror image.

1 - Park assist steering sender

Bumper

Cathodic dip painting and body colour

2 - Bumper

Body colour

3 - Parking aid sender

Rear diffusor

Comfortline equipment: unpainted

Highline equipment: metallic granite grey (L-YE4)

R-Line equipment: high-gloss black (L-041)

4 - Rear diffusor

Highline equipment: metallic granite grey (L-YE4)

R-Line equipment: high-gloss black (L-041)

