

Installation instructions, accessories

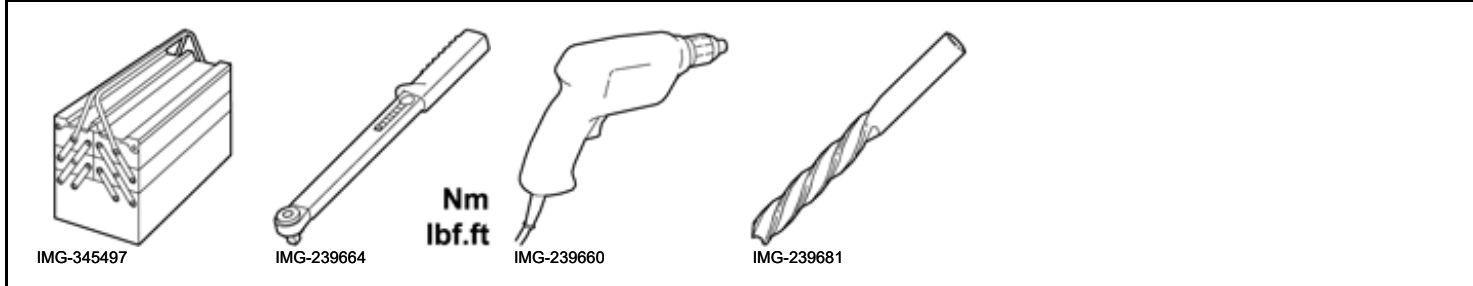
Volvo Car Corporation Gothenburg, Sweden

Instruction No 32147913
Version 1.1
Part. No. 32270114

Protective plate, beneath the engine

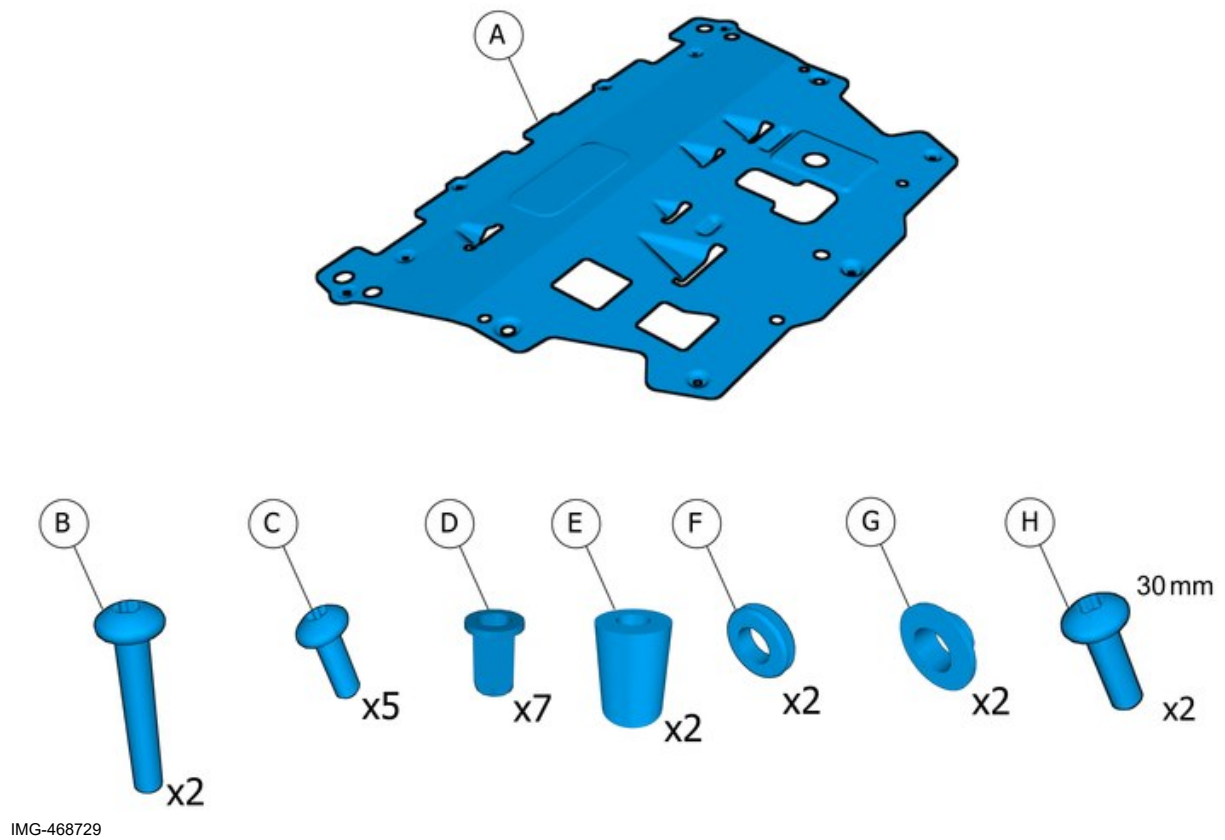
Special tools	
	981 4112 Drill Tool number:981 4112 Tool description:Drill Tool boards:EU99
	951 2782 Rivet nut tool Tool number:951 2782 Tool description:Rivet nut tool Tool boards:08

Materials	
Designation	Part number
Rust inhibitor, low viscosity	

Equipment	
 The equipment section displays four items: a battery (IMG-345497), a torque wrench (IMG-239664), a power drill (IMG-239660), and a drill bit (IMG-239681). The torque wrench is labeled with 'Nm' and 'lbf.ft'.	

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Information

1

Read through all of the instructions before starting installation.

Notifications and warning texts are for your safety and to minimise the risk of something breaking during installation.

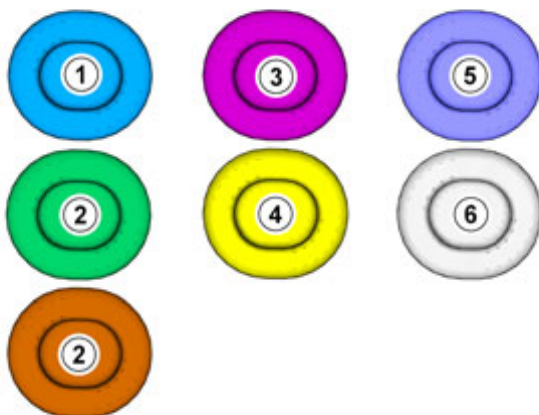
Ensure that all tools stated in the instructions are available before starting installation.

Certain steps in the instructions are only presented in the form of images. Explanatory text is also given for more complicated steps.

In the event of any problems with the instructions or the accessory, contact your local Volvo dealer.

Color symbols

2



IMG-363036

Note!

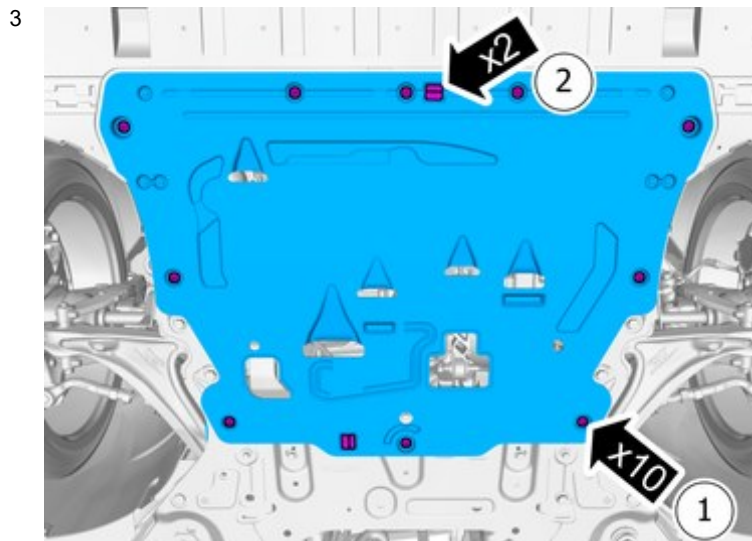
This colour chart displays (in colour print and electronic version) the importance of the different colours used in the images of the method steps.

1. Used for focused component, the component with which you will do something.
2. Used as extra colors when you need to show or differentiate additional parts.
3. Used for attachments that are to be removed/installed. May be screws, clips, connectors, etc.
4. Used when the component is not fully removed from the vehicle but only hung to the side.
5. Used for standard tools and special tools.
6. Used as background color for vehicle components.

Removal

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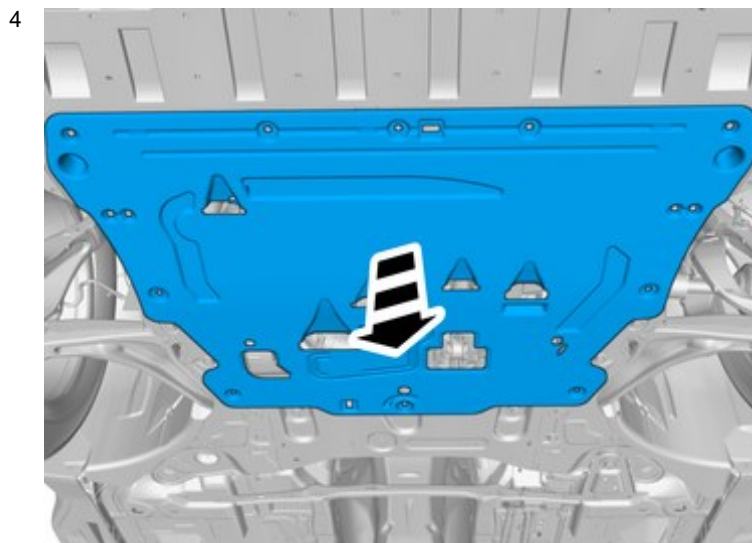


IMG-465413

1. Remove the screws.

2. Remove the clips.

The part is not to be reused.



IMG-387158

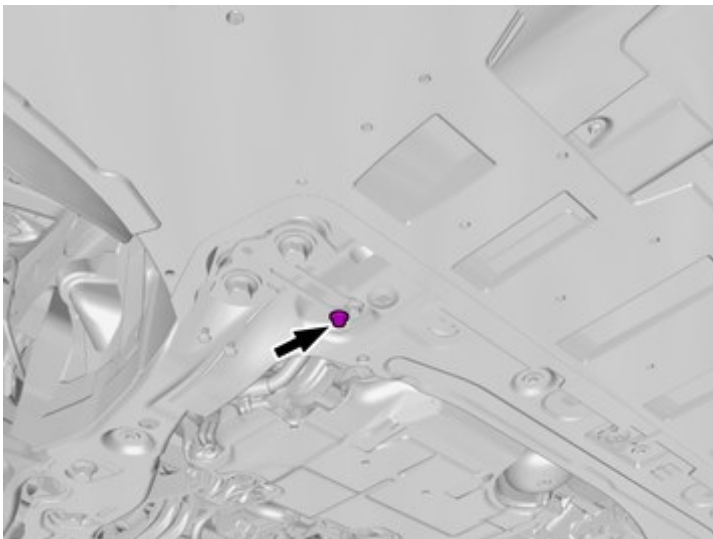
Remove the panel.

The part is not to be reused.

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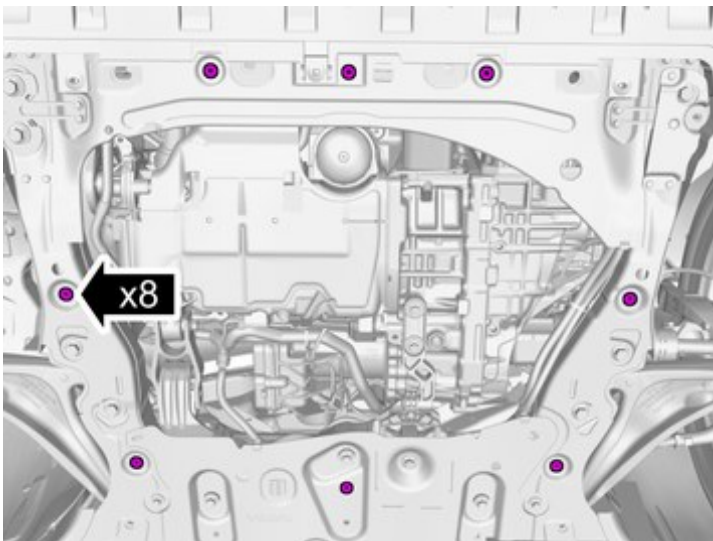


IMG-468734

Remove the screw.

Repeat on the other side.

6



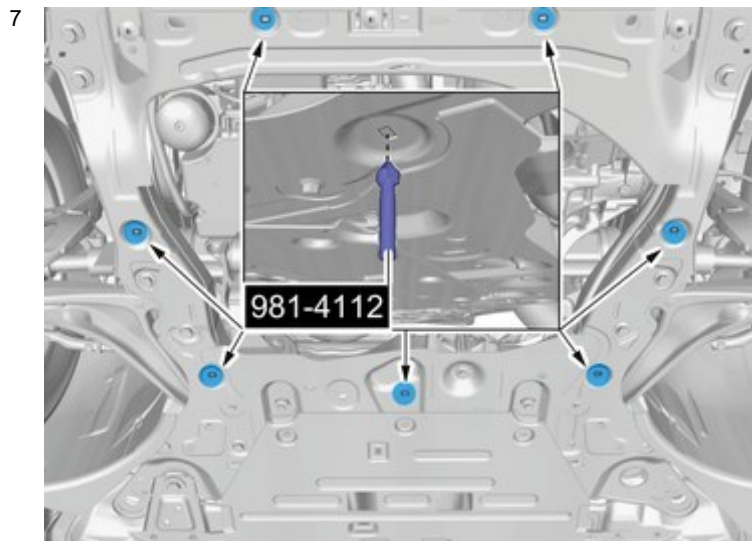
IMG-468736

Remove the marked detail/details.

Accessory installation

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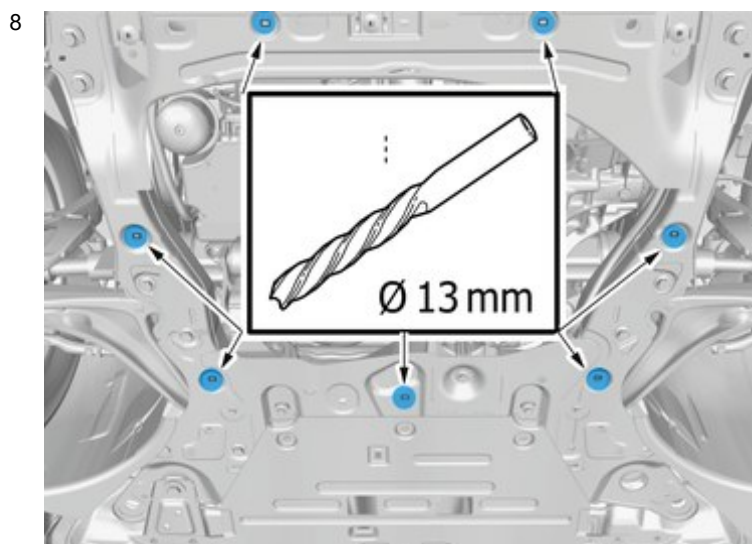
IMG-468516

Warning!
Wear protective gloves.

Warning!
Wear safety goggles.

Drill the holes.

Use special tool: T9814112, Drill



IMG-468518

Warning!
Wear protective gloves.

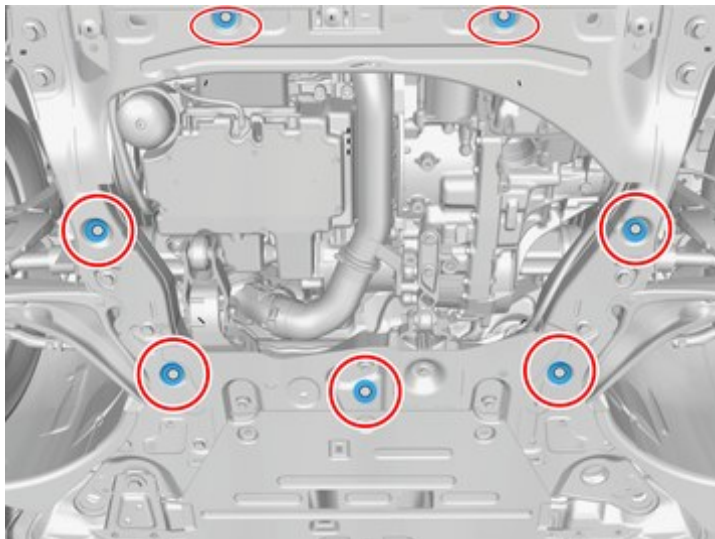
Warning!
Wear safety goggles.

Drill the holes.

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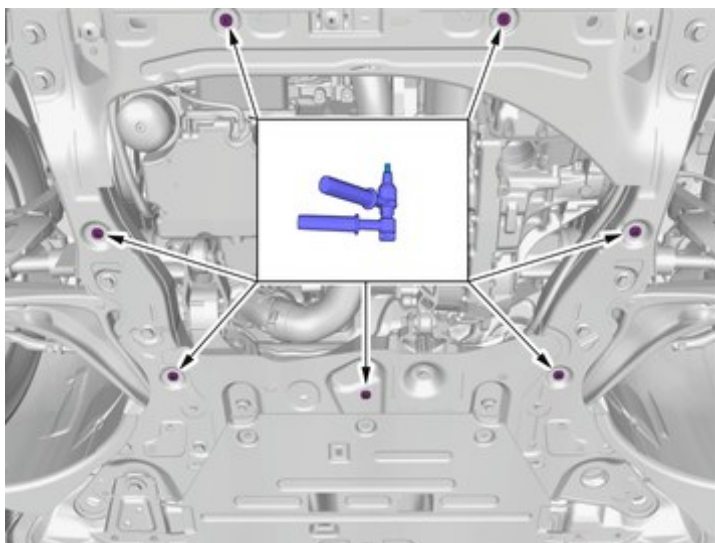
9



IMG-468519

Use: , Rust inhibitor, low viscosity

10

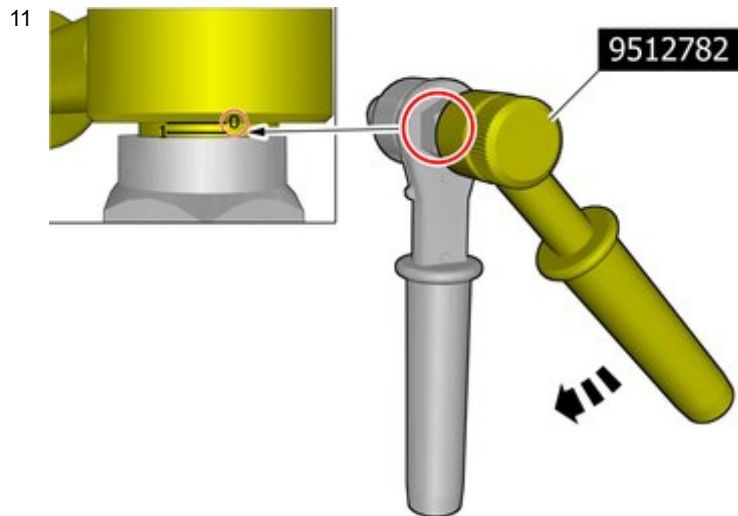


IMG-468520

Note!
Orientation view

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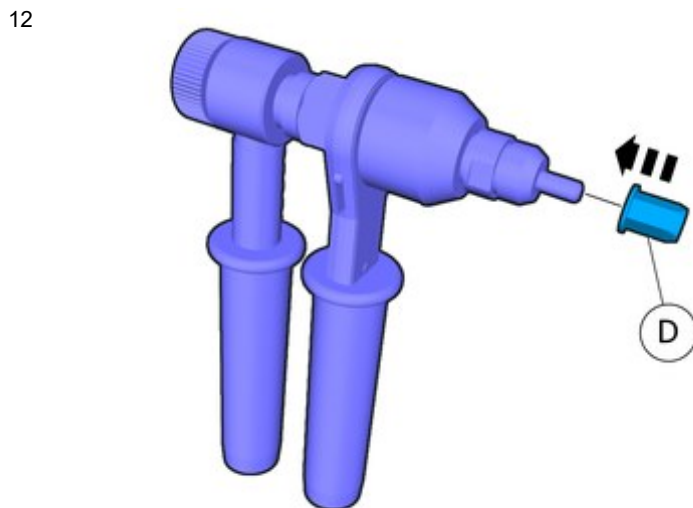
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Use special tool: T9512782, Rivet nut tool

Reset the tool.

IMG-372305

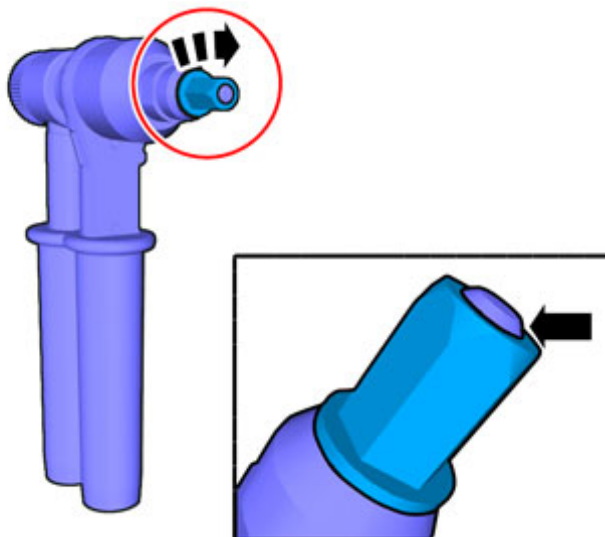


IMG-464604

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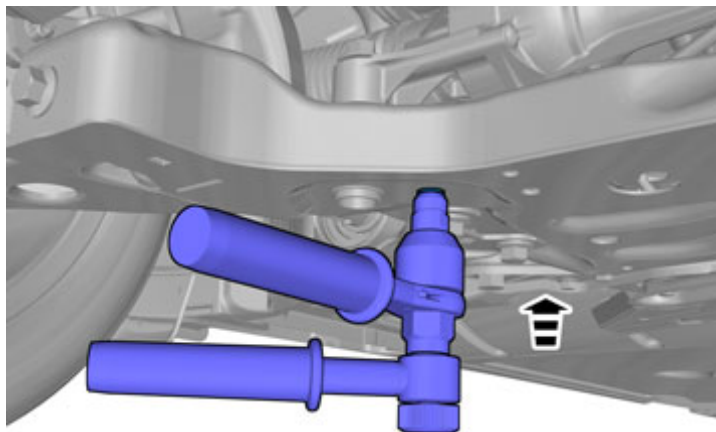


IMG-367098

Use hands only.

The outermost thread of the tool should be flush with the rivet nut end.

14



IMG-372295

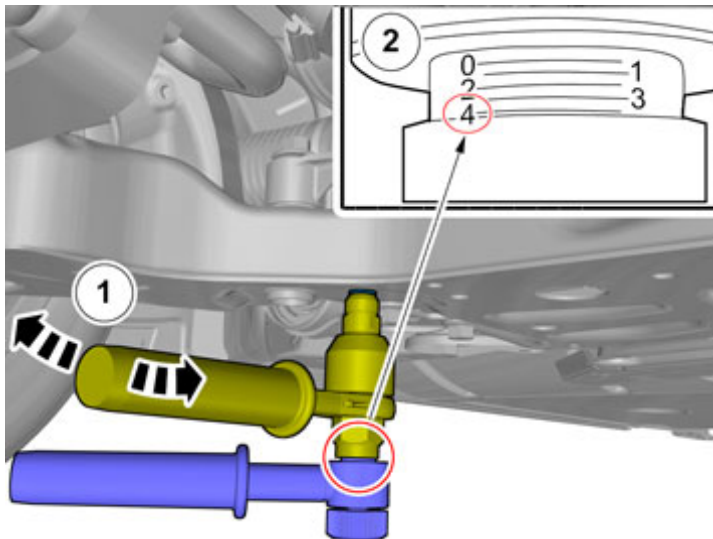
Press the tool against the surface.

Hold the tool at right angles to the surface.

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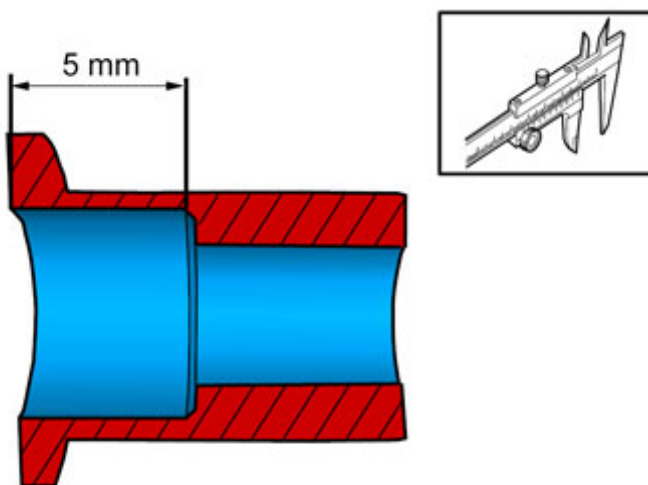
15



IMG-372296

Tighten to the value stated.

16



IMG-373060

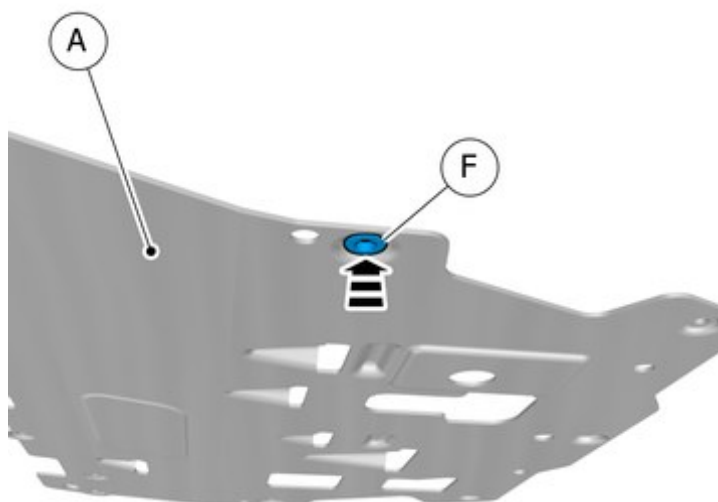
Measure

Use: Vernier caliper

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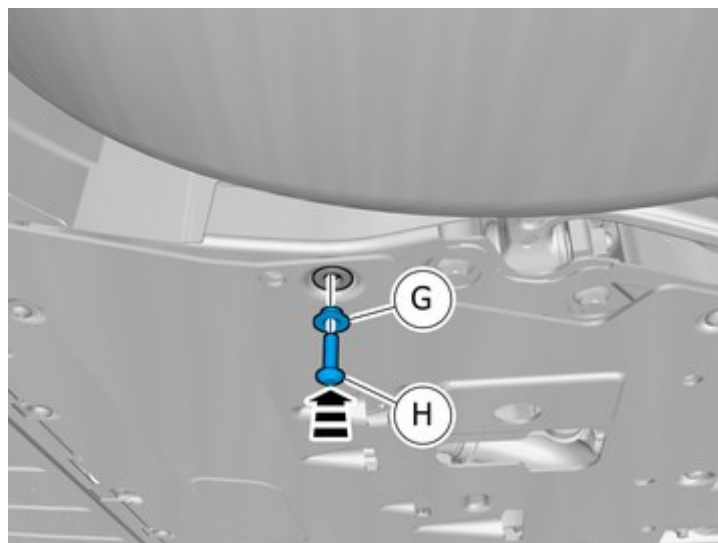


IMG-464561

Install components that come with the accessory kit.

Repeat on the other side.

18



IMG-464568

Note!

Do not fully tighten the bolts.

Install components that come with the accessory kit.

Use the black screws.

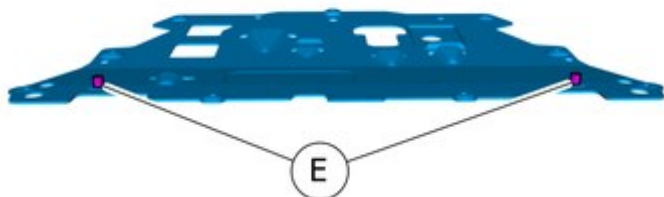
Repeat on the other side.

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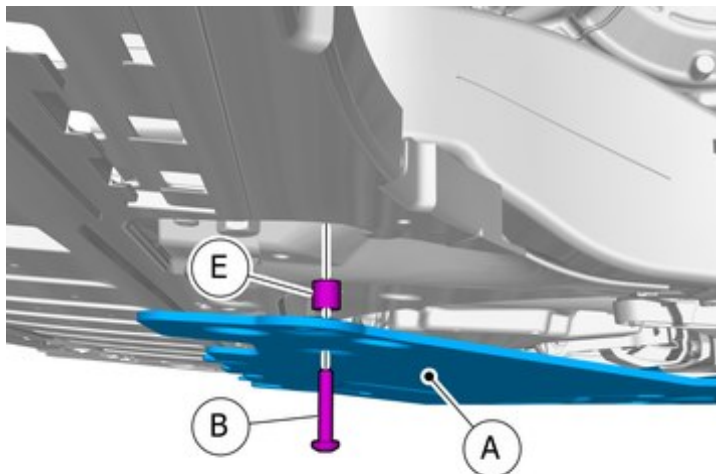
19

Note!
Orientation view



IMG-468738

20



IMG-468742

Note!
Do not fully tighten the bolts.

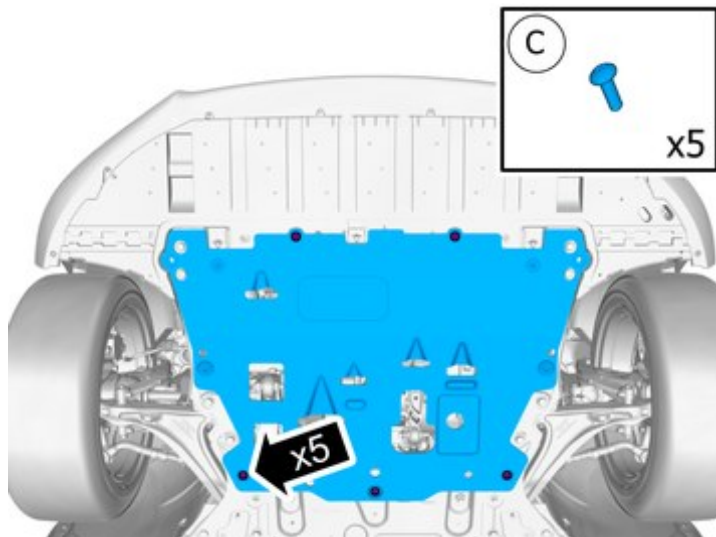
Install the screws.

Repeat on the other side.

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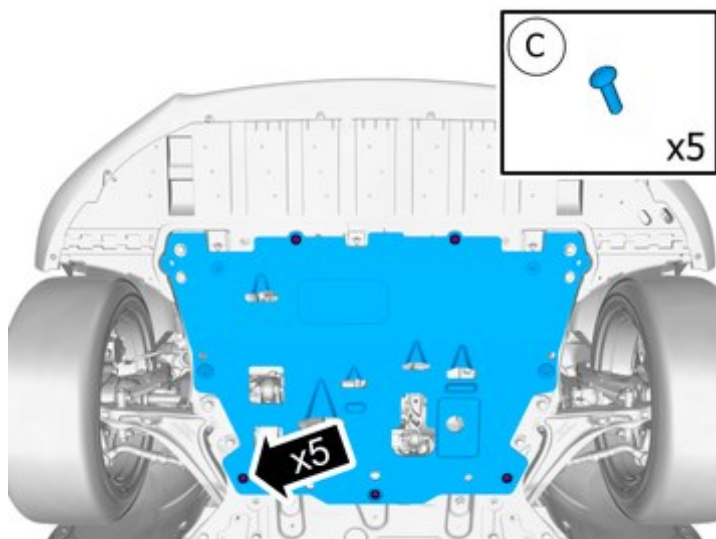
IMG-468534

Note!

Do not fully tighten the bolts.

Install the screws.

22



IMG-468534

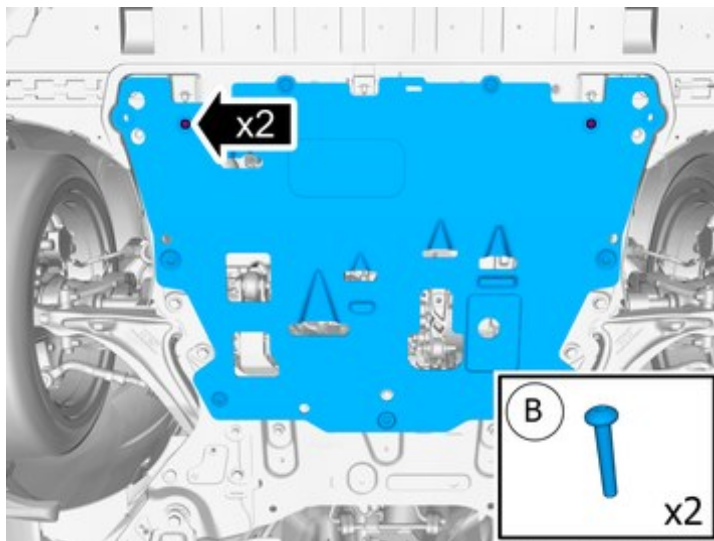
Tighten the bolts.

Tightening torque: M10 , 50 Nm

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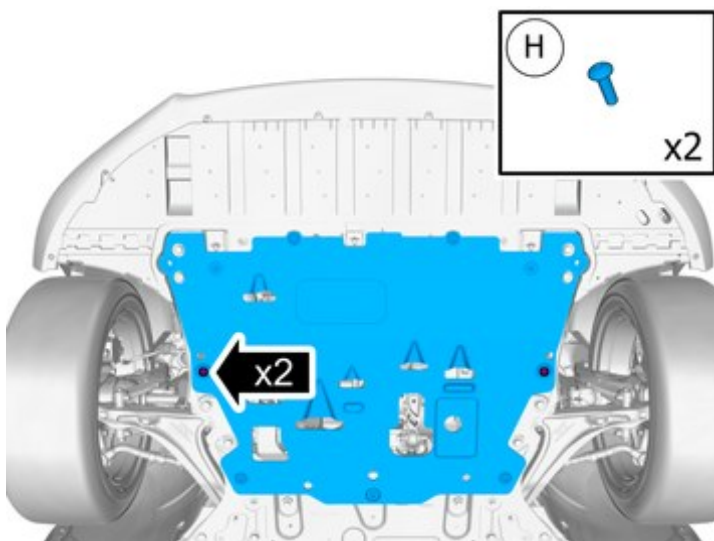


IMG-468523

Tighten the bolts.

Tightening torque: M8 , 24 Nm

24



IMG-468533

Tighten the bolts.

Tightening torque: M10 , 50 Nm