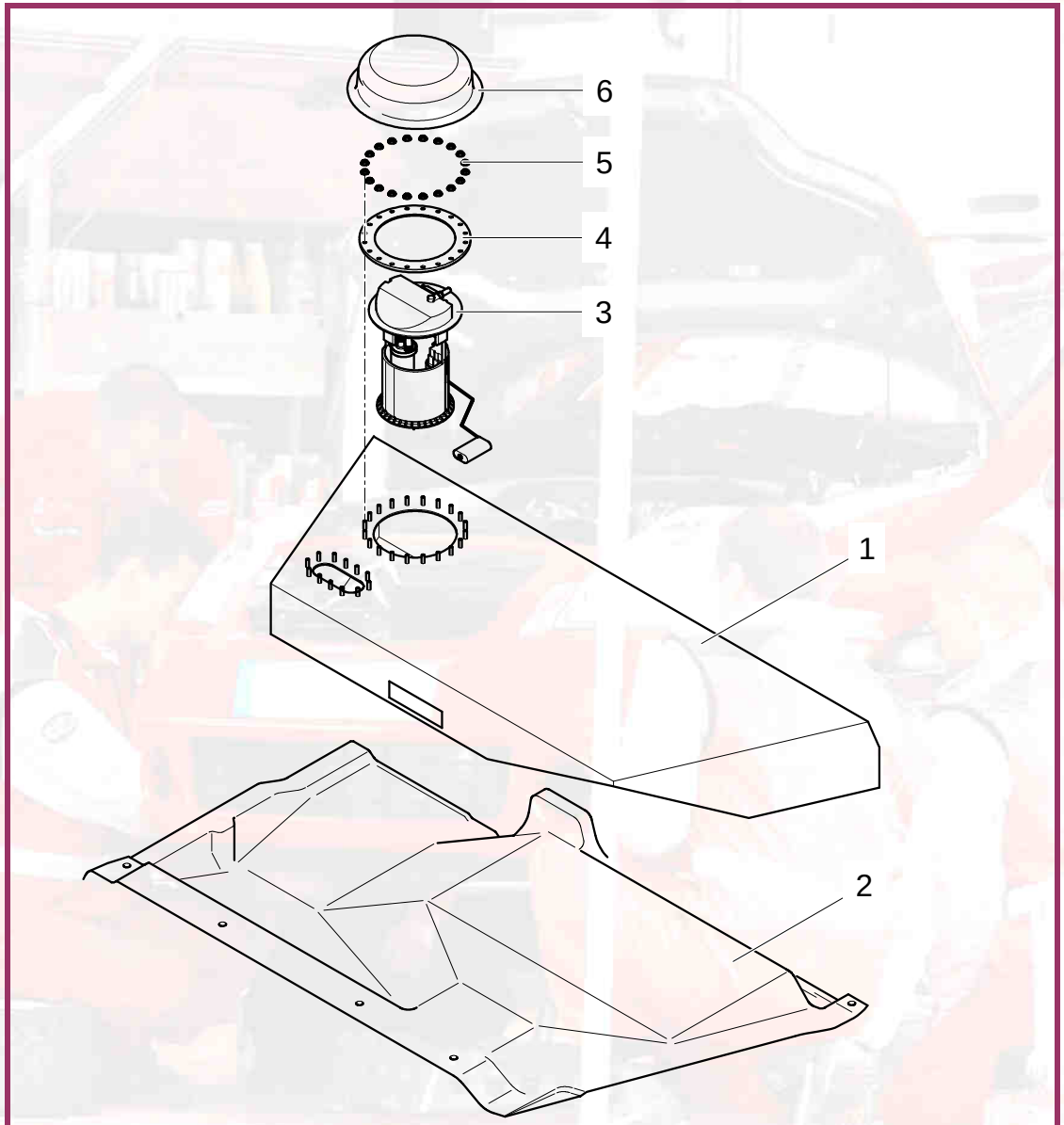
C2R2MAX

3T4A

FUEL TANK

Version 02 – 02 April 2009

C2R2 MAX



Ref	Part Number	Qty	Description
1	3T4A62729D	1	Fuel tank compartment
2	3T4A62864A	1	Fuel tank cover
3	BCSP1525CR	1	Pump / gauge
4	3T4A62784B	1	Tank buffer plate
5	BCSP693639	20	Plate retaining bolt H low head 5x80-4-8 Cl8 ZN
6	3T4A63405A	1	Pump / gauge cover

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Attention: when your tank is delivered, an approval and compliance certificate for the fuel tank compartment is taped on it.

It is essential that you keep this document, which you may be asked to produce during *pre*- and *post*-rally technical inspections. CITROËN Sport does not have any copies of this document, which is specific to each individual tank.

Carry out a check of the body in the area where the tank will be fixed. Make sure that there are no sharp objects, burrs, welds that may cause damage, etc. If necessary, grind or sand them down in order to obtain surfaces that are smooth and with no snags over the whole area of the tank.

Apply a thin self-adhesive foam or protective adhesive (3M) over the body, in the tank area.

Preparing the tank protective cover.

Position the tank protective cover on the body, and identify and mark out the areas in contact with the rear arm yokes.

Cut out the necessary areas, reposition the protective cover on the body, and check that there are no more areas stressing the protective cover.

Refer to the photos opposite.

The approval sticker is located on the tank compartment. This sticker must be visible from outside in the event of an inspection.

Position the compartment in the protective cover. Identify the area facing the sticker, and cut out an inspection window to make the sticker visible (see the photo opposite).

Prepare a rectangle of Lexan or Plexiglas approximately 5 mm larger (length and width) than the window in the protective cover.

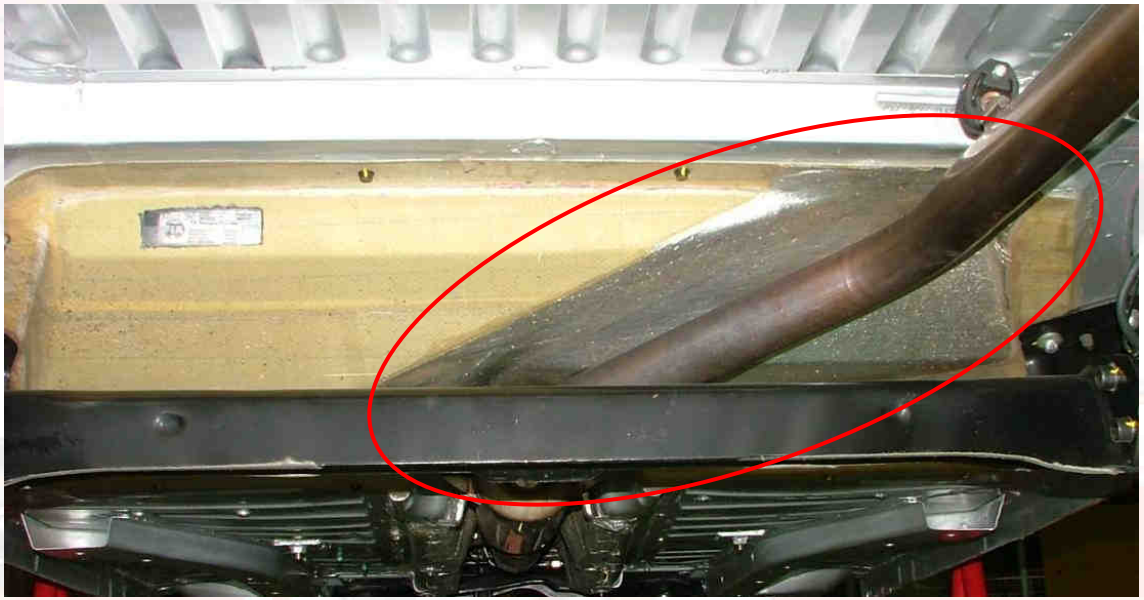
Stick the rectangle on the inside of the protective cover.

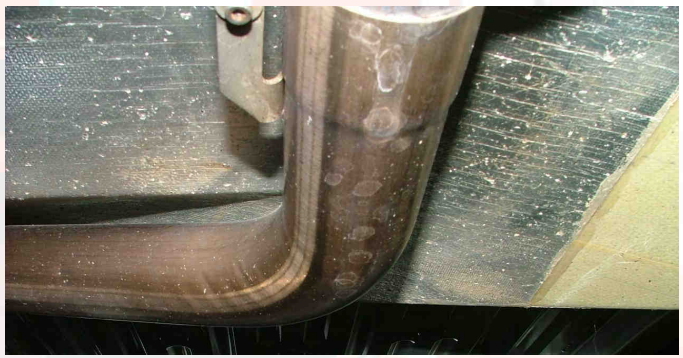
⚠ **Make sure that the plastic window cannot damage the tank. If necessary, carefully deburr the interior edge of the Fuel Tank Cover and apply a strip of protective adhesive to it!!!**

ADEKIT adhesive

3M protective adhesive or equivalent.

Apply “thermal protection” adhesive or an “embossed sheet” to the fuel tank cover along the exhaust pipe, as indicated in the photo below:

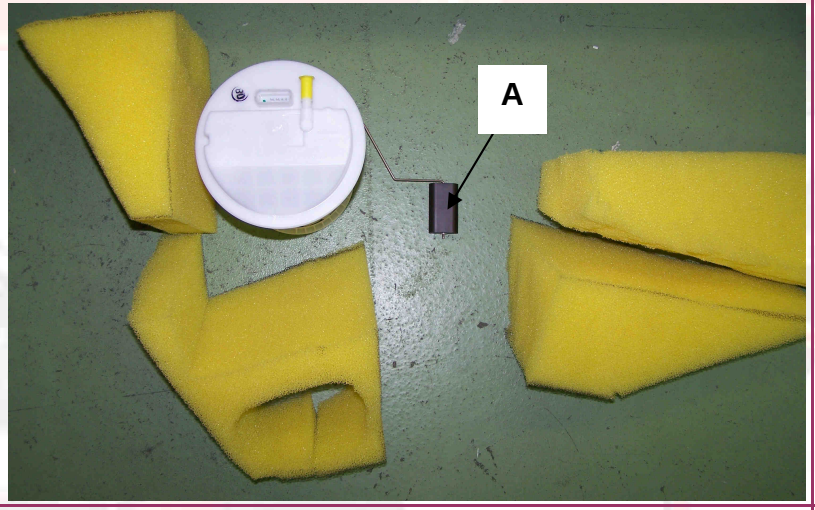




Fitting the pump / gauge unit.

Remove several pieces of foam from the inside of the compartment so that the arm of the gauge (A) can move completely freely, even for movements caused by the fuel.

You are also advised to connect the pieces of foam with rilsans or lockwire.



Fit the pump / gauge unit (*ref. 3*) on the compartment (*ref. 1*), then the plate (*ref. 4*) and connect the assembly together using bolts (*ref. 6*).

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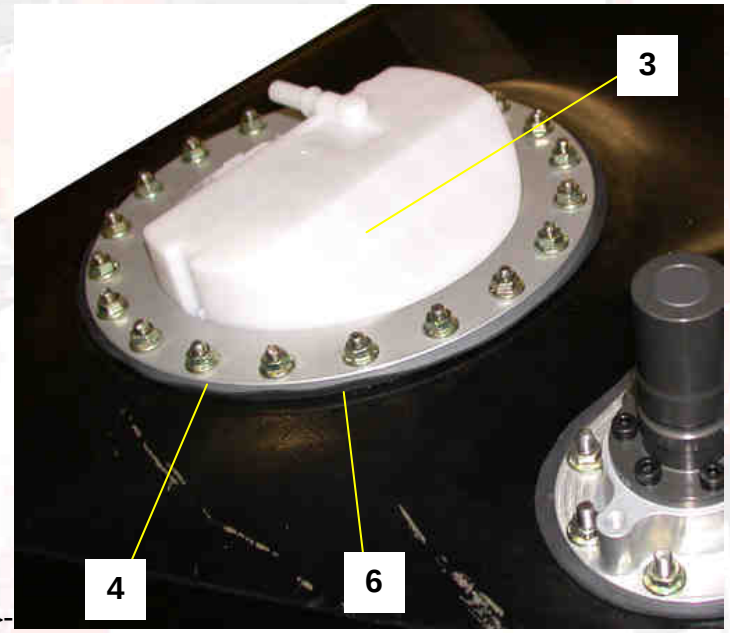

0.8 m.kg

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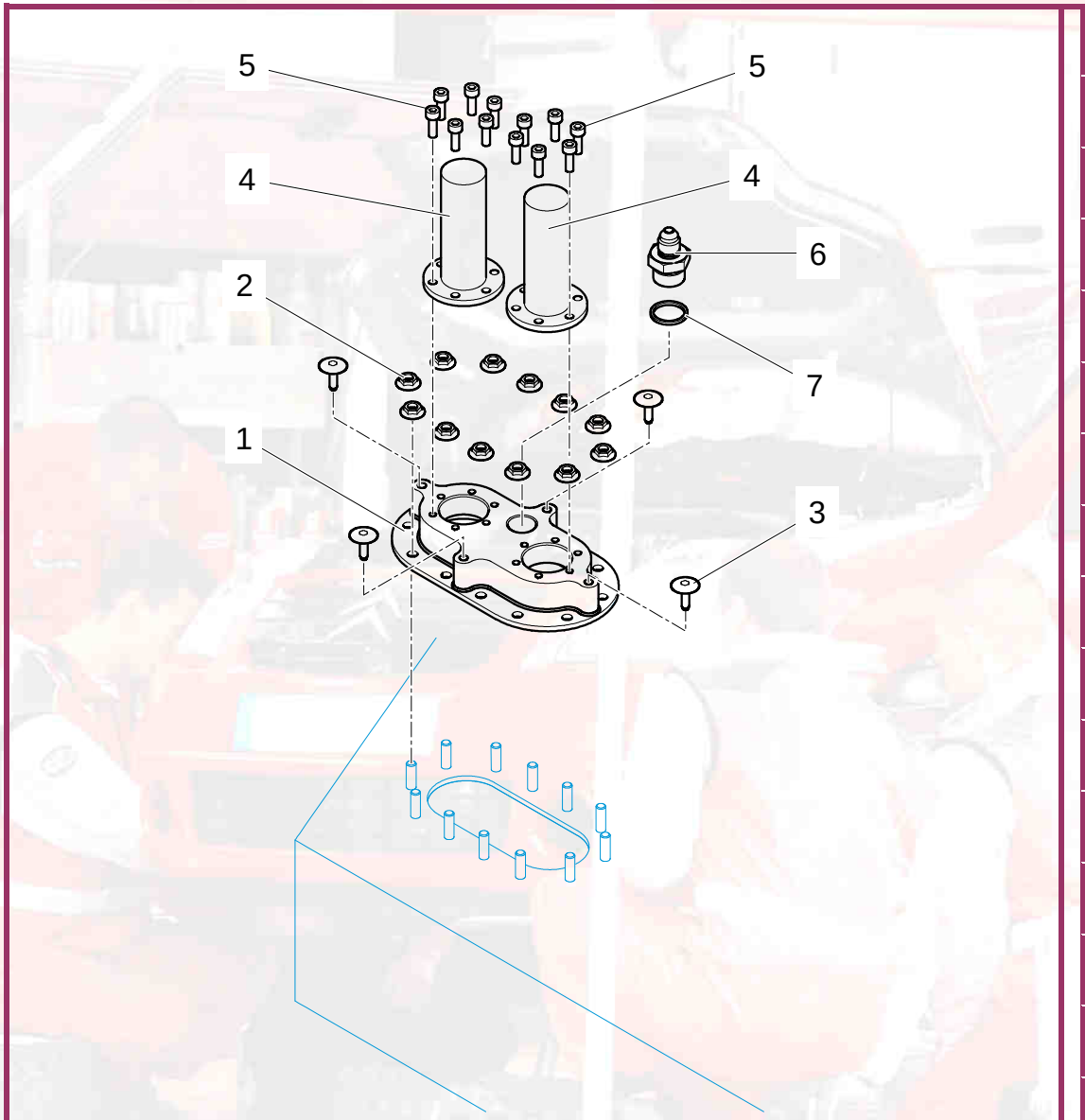
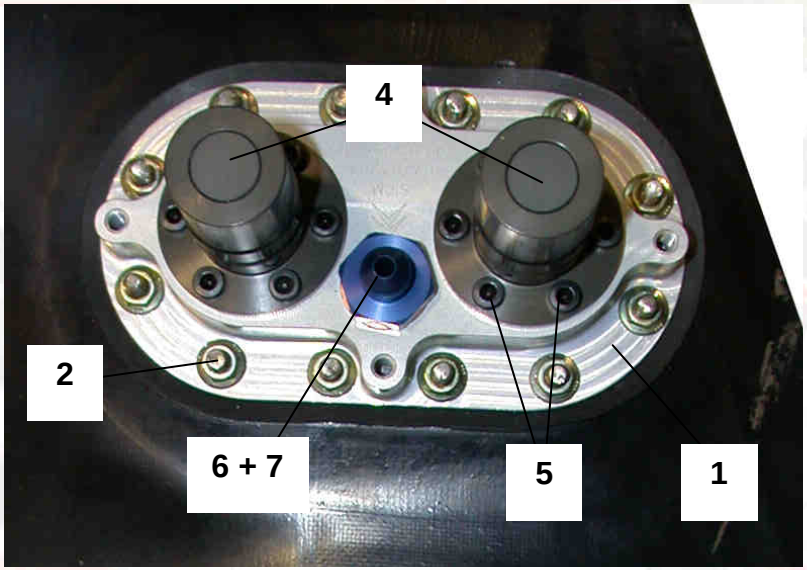


Ref	Part Number	Qty	Description
1	3T4A62785B	1	Filler plate
2	BCSP693639	12	Plate retaining bolt H low head 5x80-4-8 Cl8 ZN
3	BCSP6920A2	4	Screw for fixing plate on body RLX M5x80-12 Cl4.8 ZN
4	3T4A27115A	2	Filler valve
5	PS82005A10	12	Valve fixing screw HSHC 4x70 L12
6	PS73838A10	1	Adaptor M/M M16 / Dash4
7	PS81541A10	1	Copper gasket d16.2 D19.9 T1.5

Fit the filler valves (*ref. 4*) on the filler plate (*ref. 1*) using screws (*ref. 5*).

Fit the Dash4 adaptor (*ref. 6*) with its copper gasket (*ref. 7*) on the filler plate (*ref. 1*).

Fit the filler plate assembly on the compartment using bolts (*ref. 2*).



0.8 m.kg

242

0.8 m.kg

242

0.8 m.kg

Fit the tank assembly on the body, using screws (*ref. 3*).

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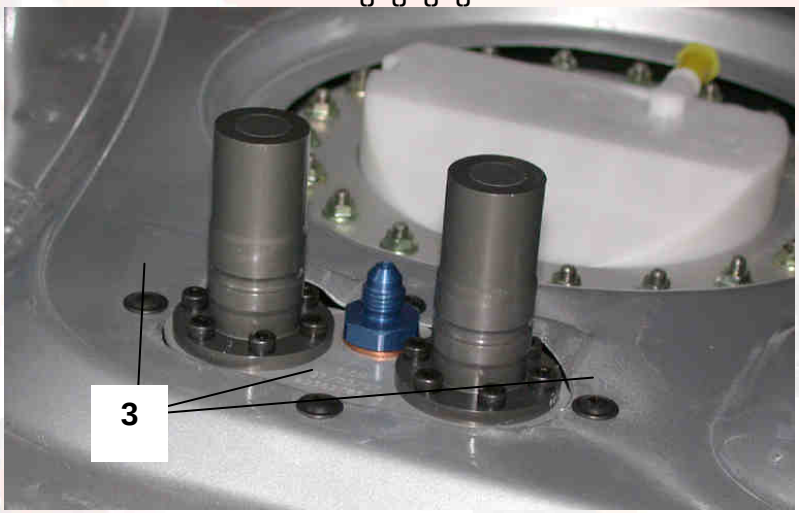
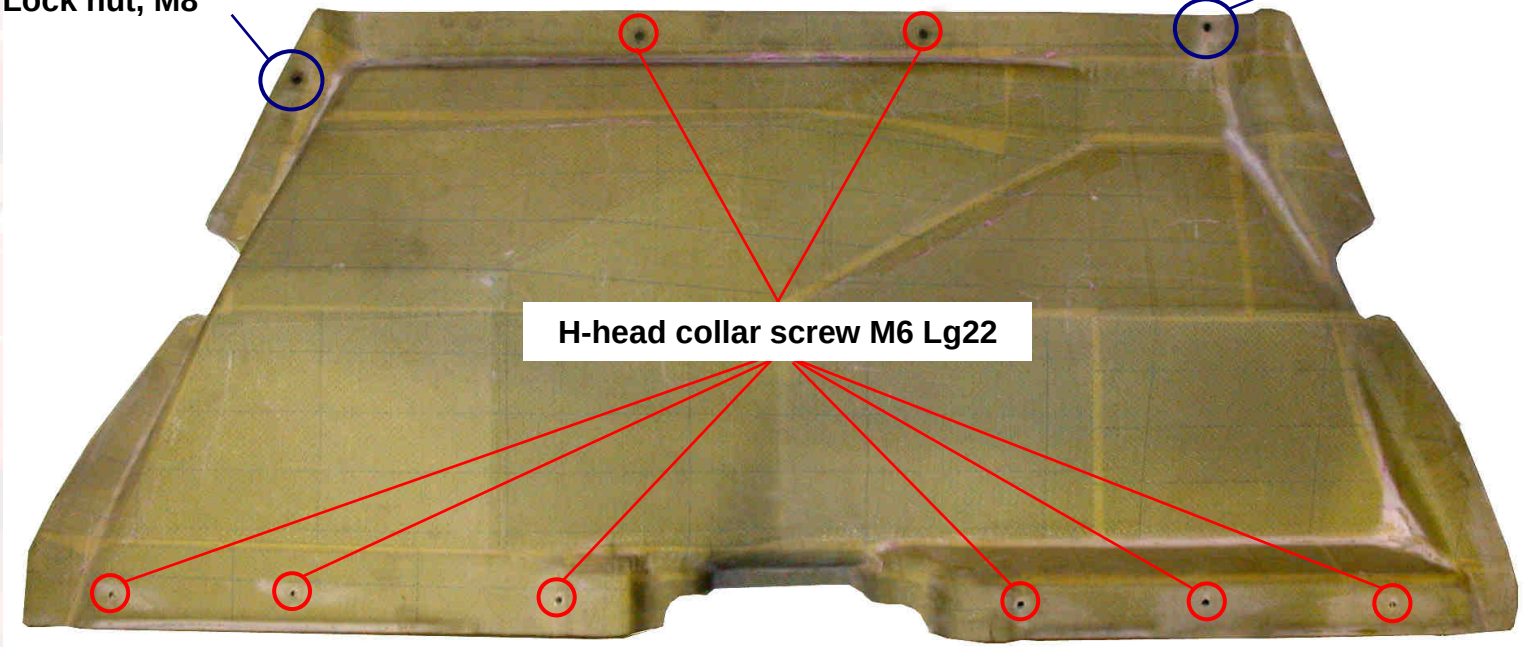


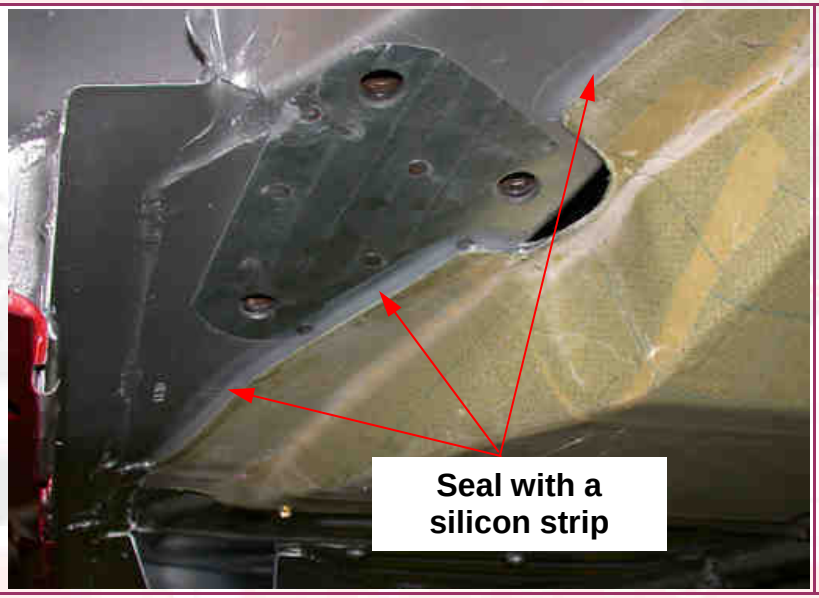
Fit the tank protective cover on the body, using studs (present on the body), screws and nuts, as shown in the photos below.



Seal the protective cover on the body, over the entire perimeter, with a silicon seal.

If you find spaces that are too large between the body and the protective cover, fill these in with foam, and then seal them.

It is essential that no foreign matter penetrates between the protective cover and the tank compartment, otherwise there is a risk that this could "punch" the compartment in the event of an impact.



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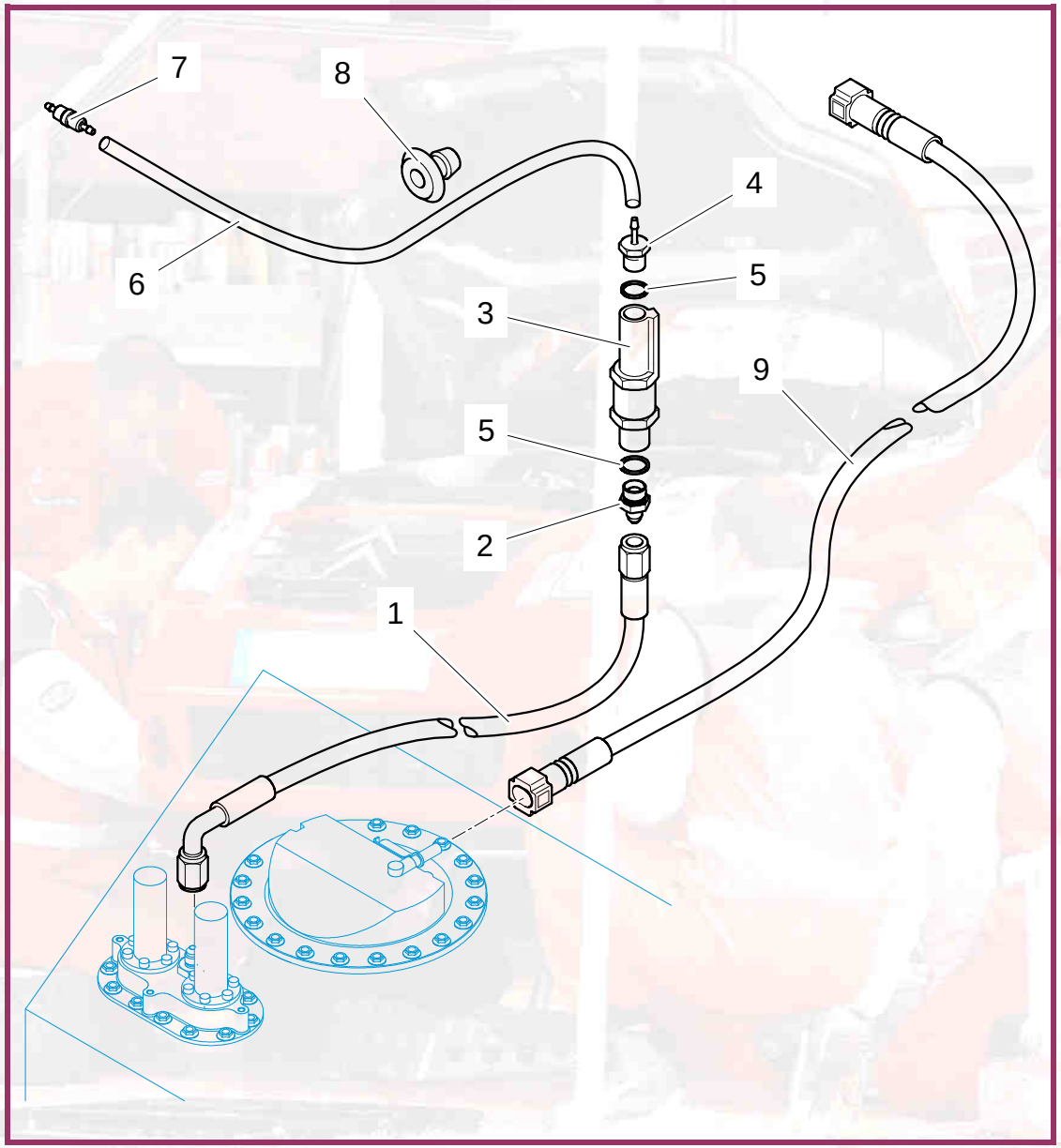

Ref	Part Number	Qty	Description
1	3T4A60317A	1	Braided vent hose / Dash4
2	PS73838A10	1	Adaptor M/M M16 / Dash4
3	3T4A63231A	1	Check valve
4	3T4A63189B	1	Adaptor M/M M16 / Fir-tree
5	PS81541A10	2	Copper gasket d16.2 D19.9 T1.5
6	TECAL0M50	1	Tecalan hose L 500mm
7	PS02504A10	1	Air filter
8	BCSP698778	2	Panel grommet
9	3T4B63099A	1	Fuel delivery hose

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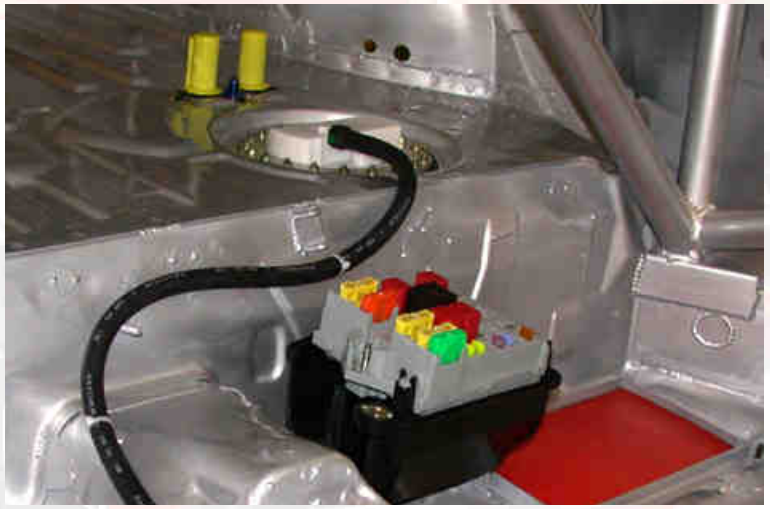
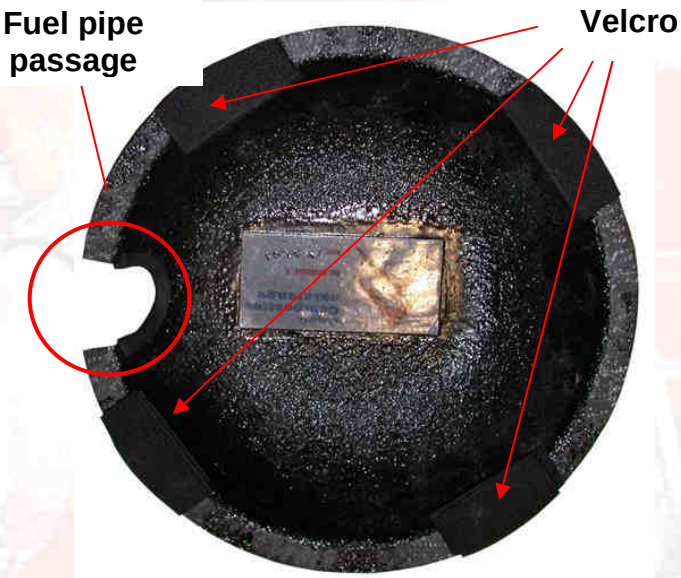
Fit the fuel hose (*ref. 9*) on the pump / gauge unit, as shown in the photo opposite.



Increase the fuel pipe passage on the pump cover (*ref. 6, page 2*), as shown in the photo opposite.

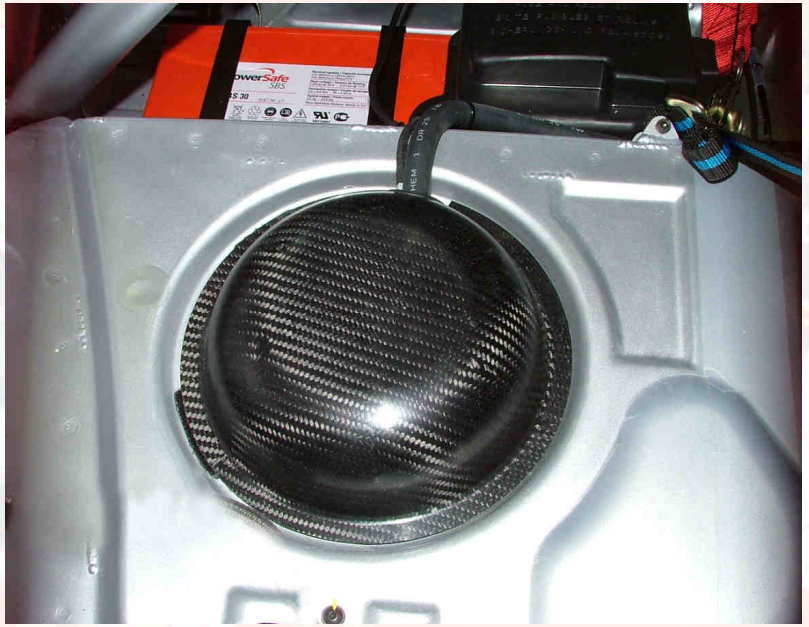
Stick 4 pieces of "velcro" on the edge of the cover in contact with the rear floor pan.

Also stick 4 pieces of "velcro" on the rear floor pan, opposite those stuck on the cover.

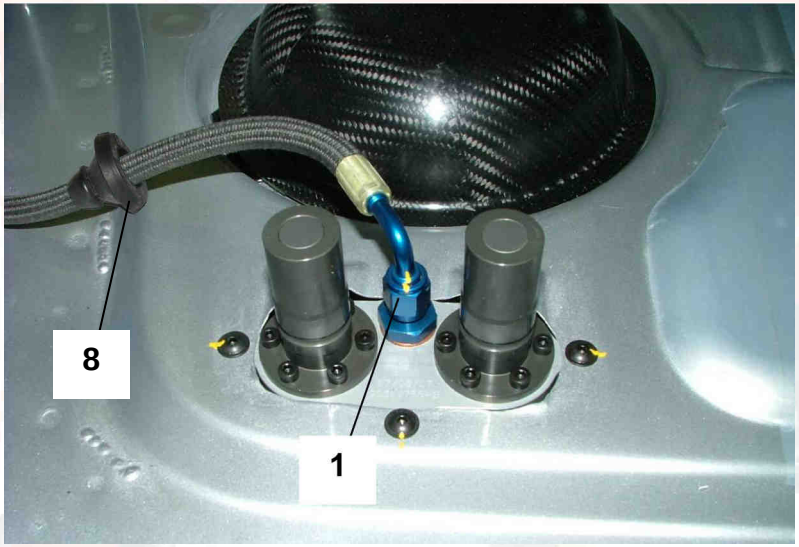


ADEKIT adhesive

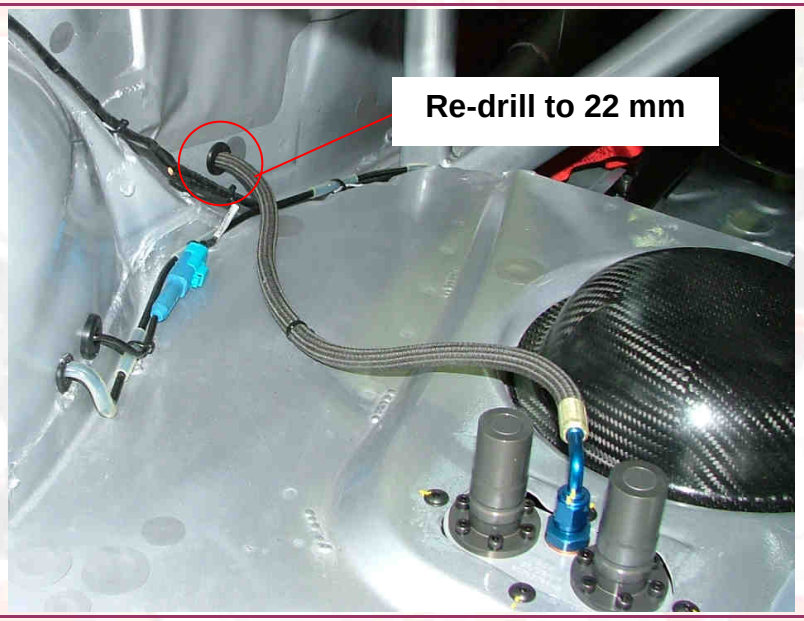
Fix the cover on the pump unit.



Fit a panel grommet (*ref. 8*) on the vent hose (*ref. 1*), and screw this on the filler plate, as shown in the photo opposite.



Insert the braided vent hose through the hole shown in the photo opposite, and install the panel grommet (the hole will have been redrilled beforehand to a diameter of **22 mm**).



Assemble the check valve, using the fir-tree connector (*ref. 4*) and its gasket (*ref. 5*), and the MM M16 / Dash4 adaptor (*ref. 2*) and its gasket (*ref. 5*), as shown in the photo opposite.

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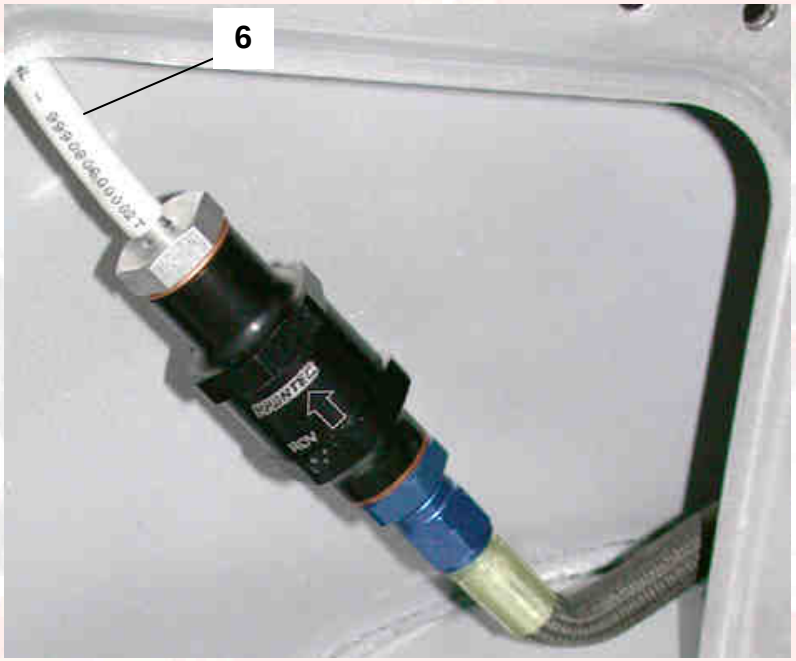
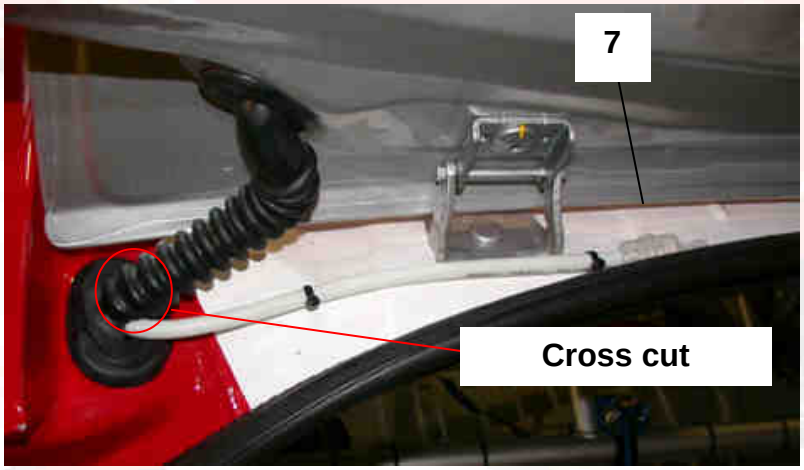
Fit the check valve on the braided hose.

Fit the Tecalan hose (*ref. 6*) on the check valve, as shown in the photo opposite.



Have the Tecalan hose come out via the tailgate bundle boot, after cutting a cross beforehand through the boot.

Fit the air filter (*ref. 7*) on the Tecalan hose and fix the assembly as shown in the photo opposite.



Attach the check valve to the rear wing liner using a rilsan (by the cut-out at that location).

Make sure that the arrow shown on the valve is pointing upwards.