



WORKSHOP MANUAL

Section	01.42 - 1	
Procedure N.	01.42.001 - 02	Time: 4.00 h
Description	FUEL TANK -	
Validity	23/02/2016 - RELEASE 130.1	
Last Modify	N/D	First Release
Linked Procedures		
08.20.043-75	BATTERY GROUND CABLE-Component self-learning	
09.61.004-00	LUGGAGE COMPARTMENT VERTICAL MAT-Removal/refitting or replacement	
09.82.014-00	SOFT TOP COMPARTMENT COVER-Removal/refitting or replacement	

01.42.001 02 FUEL TANK

Removal

1. Remove all the luggage compartment trim panels referring to the operation described for the luggage compartment vertical mat.

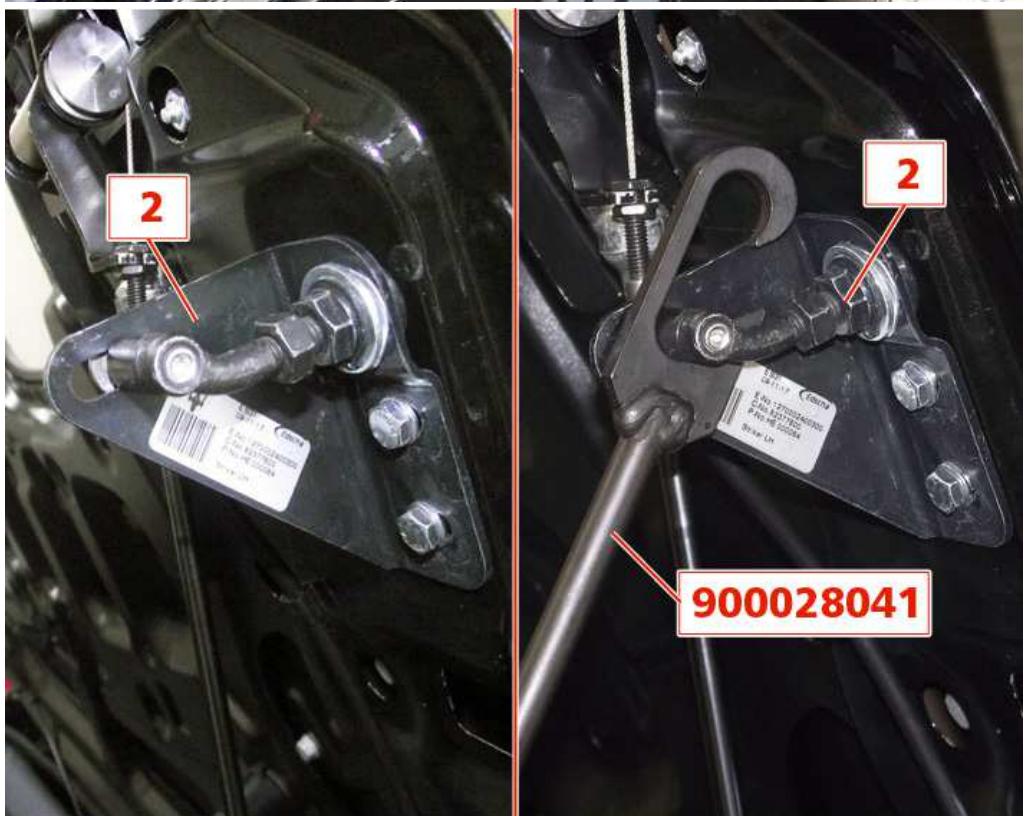
09.61.004-LUGGAGE COMPARTMENT VERTICAL MAT-Removal/refitting or replacement

2. Move the Tonneau Cover in the open position.
3. Move the rear section of the soft top into the open position as shown in the diagram.



4. Block the Tonneau Cover using the tool 900028041, positioning the tool in line with the left-hand Tonneau Cover lock (1) and the left-hand Tonneau Cover striker plate (2).

! The tool 900028041 must only be fitted to the left-hand side of the vehicle.



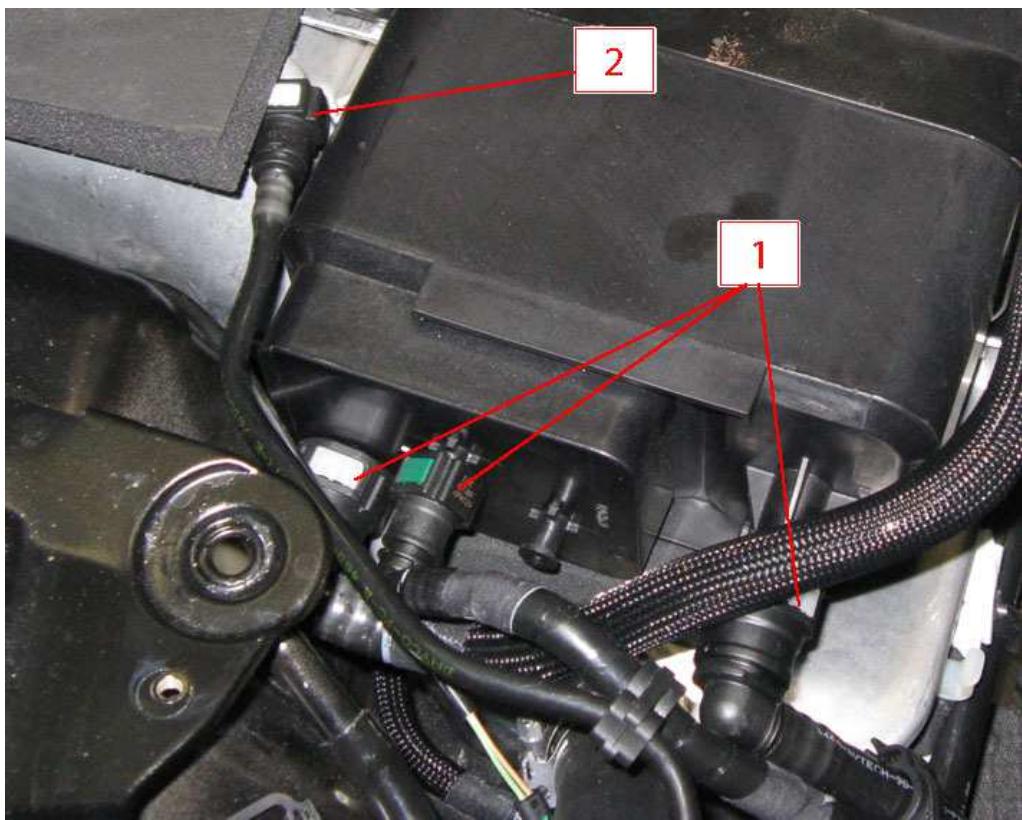
5. Disconnect the negative terminal of the battery. After a short time, the soft top hydraulic system will no longer be pressurised; it is therefore extremely important to properly block the Tonneau Cover.

! **Before working on the tank, make sure it is either empty or that there is a small amount of fuel in it. Draw the fuel out of the tank using suitable equipment and protections, in compliance with the safety regulations currently in force, DO NOT SMOKE AND DO NOT USE OPEN FLAMES**

6. Remove the soft top compartment cover.

09.82.014-SOFT TOP COMPARTMENT COVER-Removal/refitting or replacement

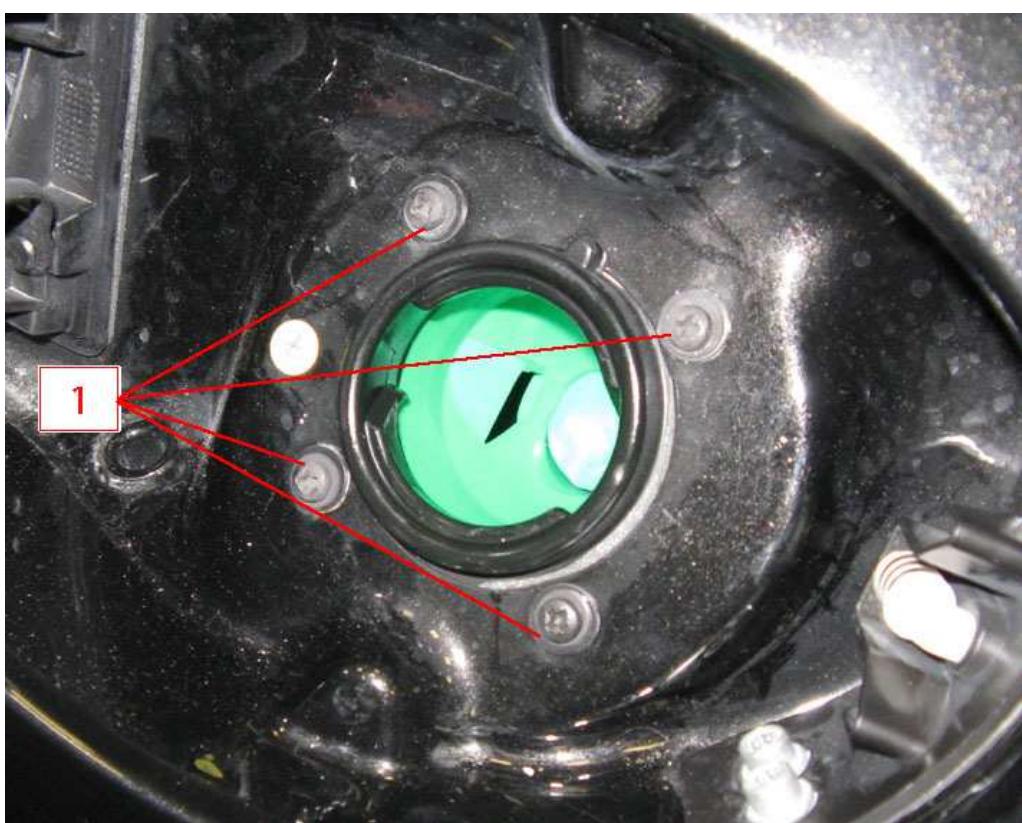
7. Disconnect the three quick couplings (1) from the active carbon filter, also disconnect the quick coupling (2) from the tank.



8. Disconnect the line from the tank fuel filler neck.



9. Open the fuel tank door, move the cap away and undo the screws (1) that secure the filler neck to the bodywork.

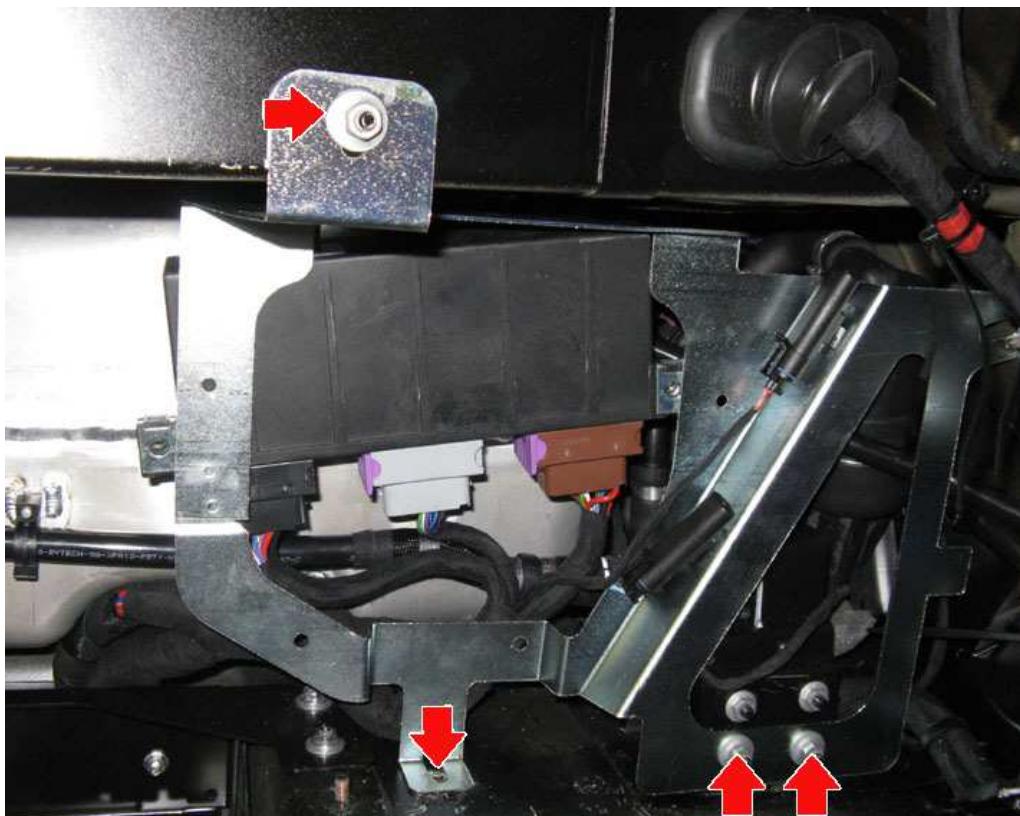


10. Undo the nut that fastens the earth cable, then remove the complete fuel filler neck.

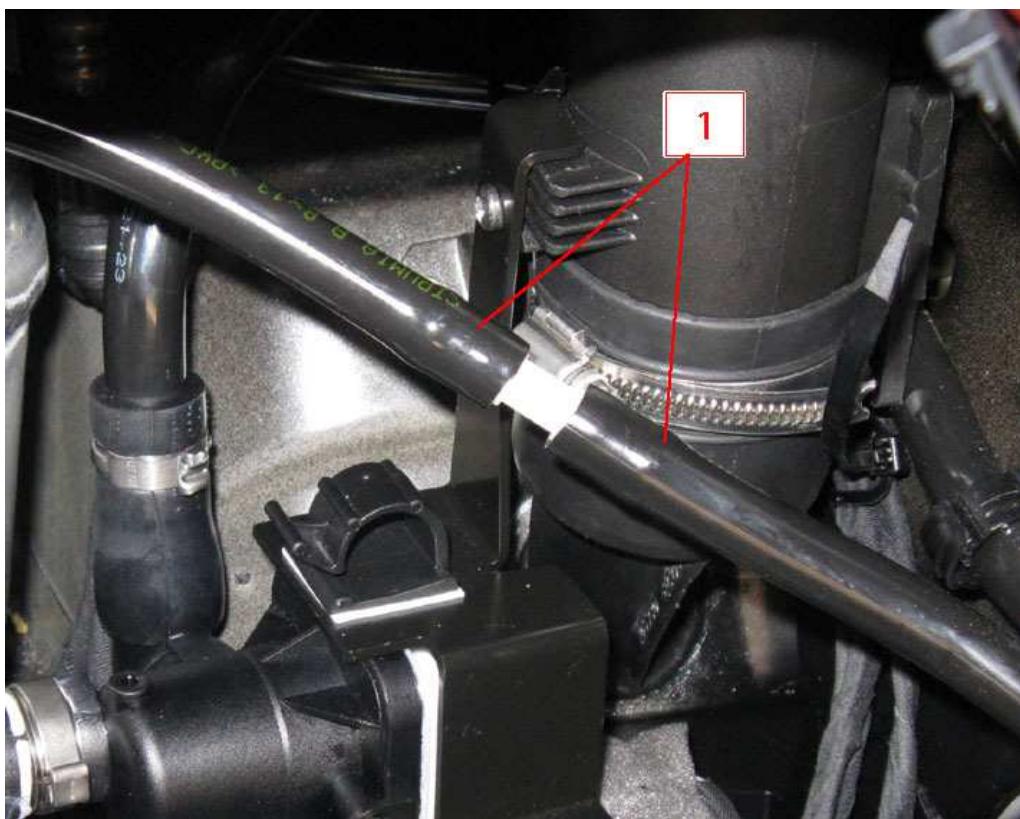


11. Open the luggage compartment lid using the emergency opening cable found in the passenger compartment.

12. Undo the fastenings for the Soft Top Node mounting bracket, then move it away of the working area.

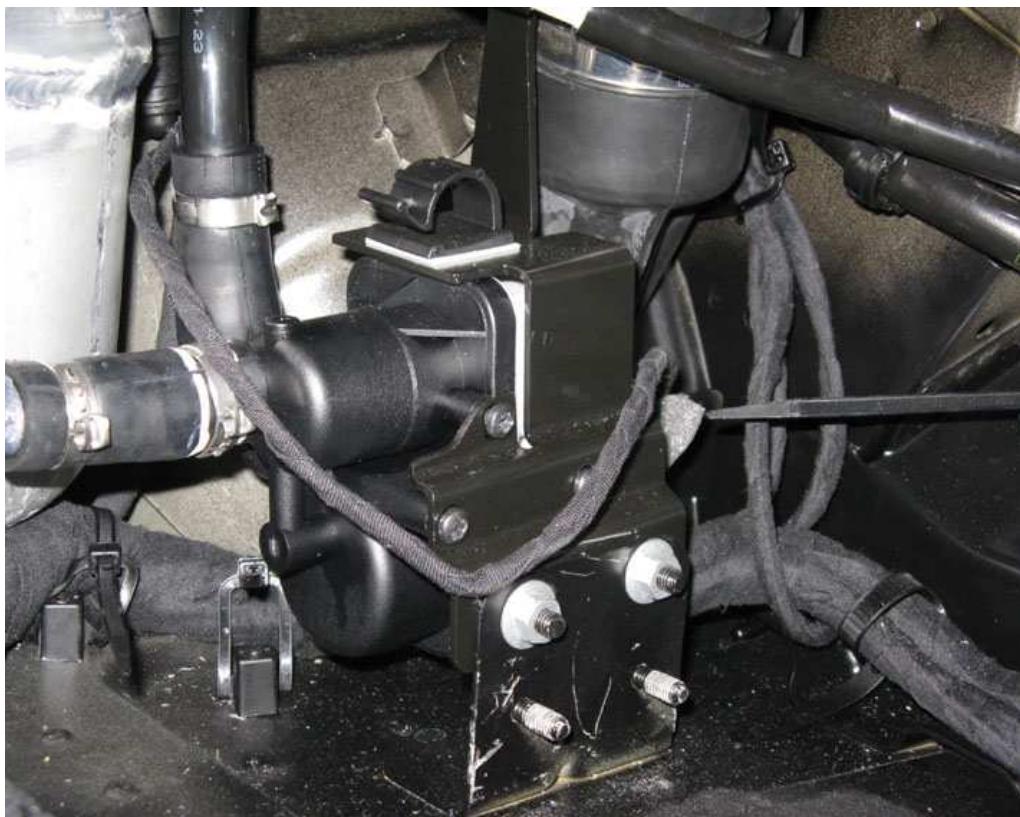


13. Disconnect the line (1) from the coupling points.



14. Undo the two nuts that fasten the diagnosis pump to the bracket.

15. Detach the electrical connector from the diagnosis pump.



16. Release the line from the clamps on the fuel tank and move the diagnosis pump together with its filter away from the working area.



17. Unscrew the fastening nuts and move the complete battery mounting bracket towards the rear of the luggage compartment.



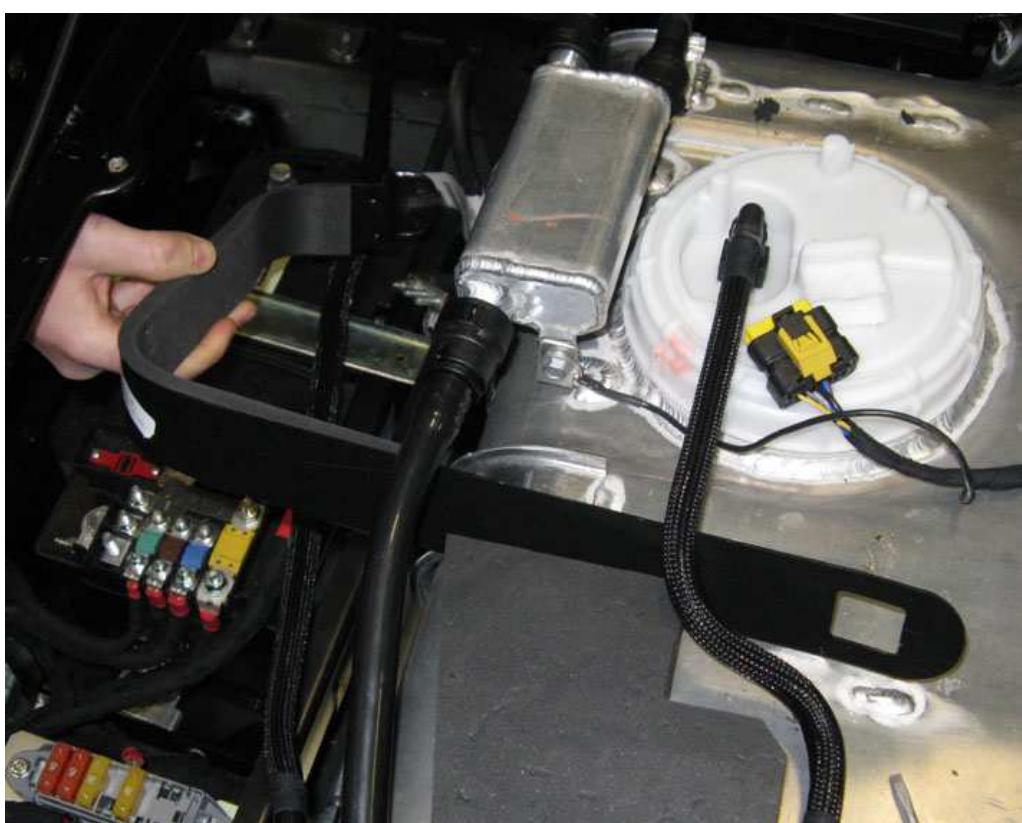
18. Detach the electrical connector for the fuel tank wiring.



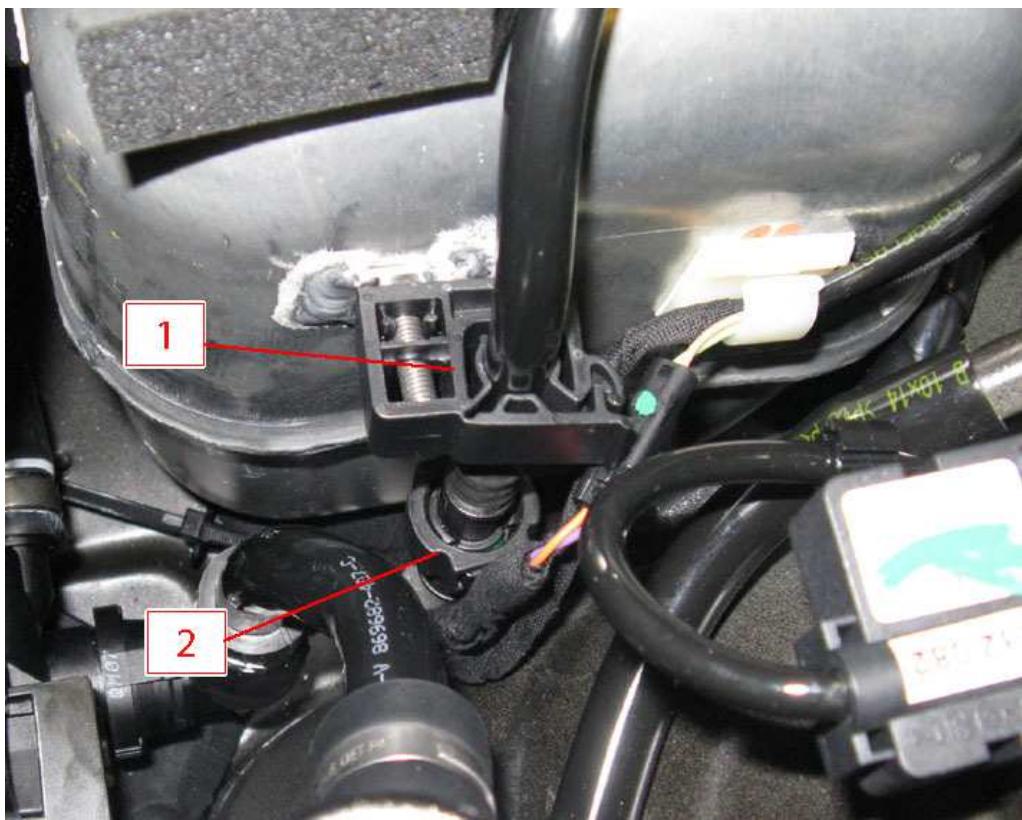
19. Undo the two screws for the two fuel tank fastening brackets.



20. Remove the two fuel tank fastening brackets.



21. Open the plastic clamp (1) and detach the fuel line (2) from the quick coupling.

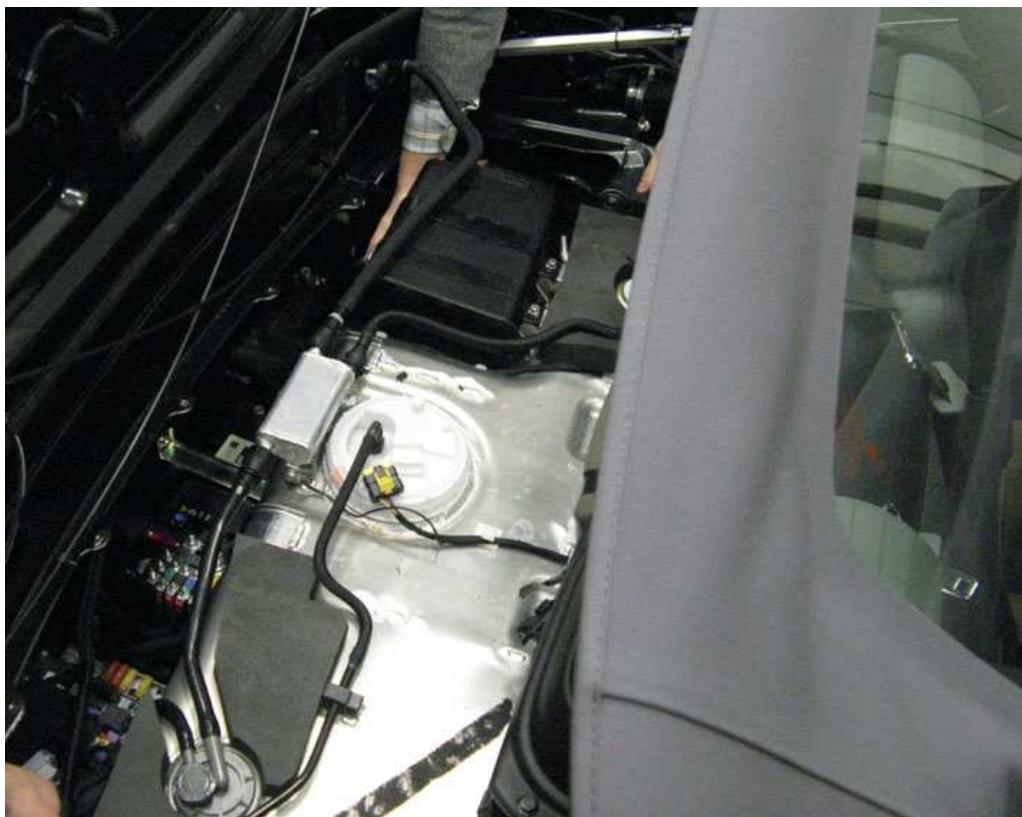


22. Block and hold both the luggage compartment lid and the Tonneau cover in the position shown in the figure.

23. Secure the flaps as illustrated, using tape.

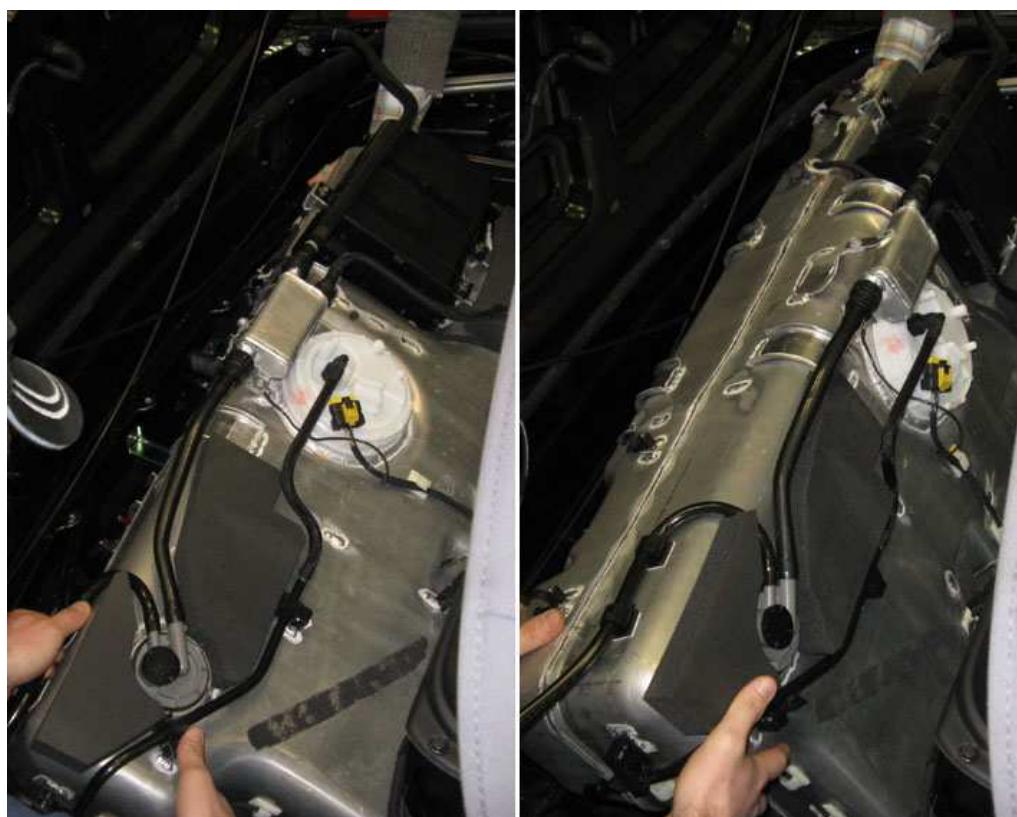


24. With the help of a colleague, after protecting all the bodywork parts in the vicinity of the tank, start lifting the tank.



25. When lifting the tank, rotate it until it is in a vertical position.

! Protect the painted parts in proximity of the tank. Do not let the tank hit against the soft top hydraulic system, also take care not to touch and damage the adjacent electrical components.



26. Remove it from its seat.

! Protect the painted parts in proximity of the tank. Do not let the tank hit against the soft top hydraulic system, also take care not to touch and damage the adjacent electrical components.



Refitting

27. Fit the tank following the removal procedures in reverse order, taking care to tighten the screws that fasten the tank brackets to a torque of 8 Nm.

28. Perform all the refitting operations for all the luggage compartment trim panels.

29. Connect the negative terminal of the battery.

30. After connecting the battery negative terminal, the following self-learning operations must be performed to ensure that certain connected devices acknowledge the system again:

31. Refer to section:

[08.20.043-BATTERY GROUND CABLE-Component self-learning](#)



WORKSHOP MANUAL

Section	01.42 - 1	
Procedure N.	01.42.003 - 00	Time: 0.55 h
Description	COMPLETE FILLER NECK -	
Validity	23/02/2016 - RELEASE 130.1	
Last Modify	N/D	First Release
Linked Procedures		
09.82.014-00	SOFT TOP COMPARTMENT COVER-Removal/refitting or replacement	

01.42.003 00 COMPLETE FILLER NECK

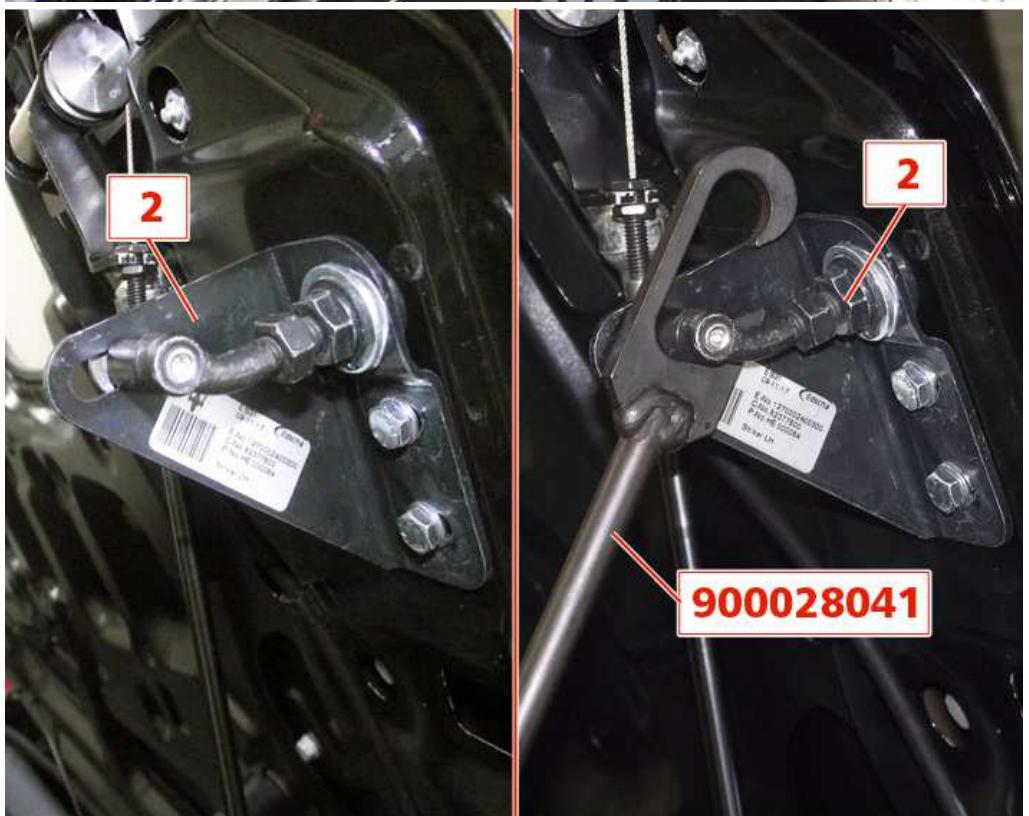
Removal - refitting

1. Move the Tonneau Cover in the open position.
2. Move the rear section of the soft top into the open position as shown in the diagram.



3. Block the Tonneau Cover using the tool 900028041, positioning the tool in line with the left-hand Tonneau Cover lock (1) and the left-hand Tonneau Cover striker plate (2).

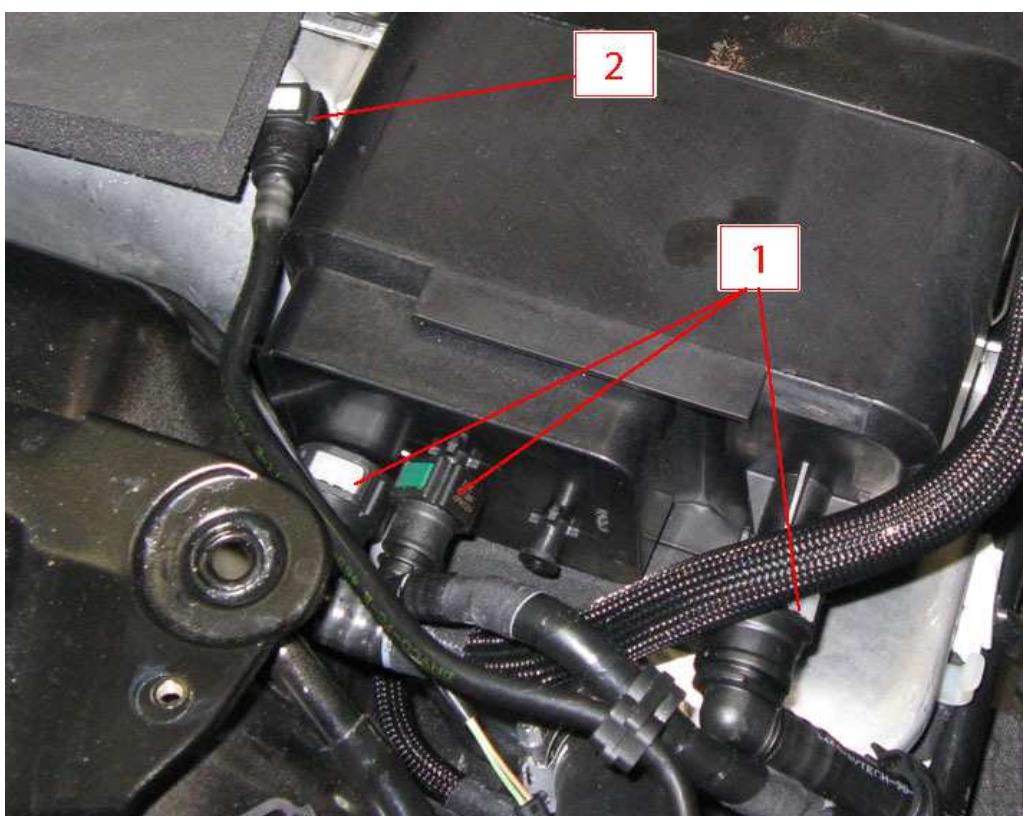
! The tool 900028041 can only be fitted to the left-hand side of the vehicle.



4. Remove the soft top compartment cover.

09.82.014-SOFT TOP COMPARTMENT COVER-Removal/refitting or replacement

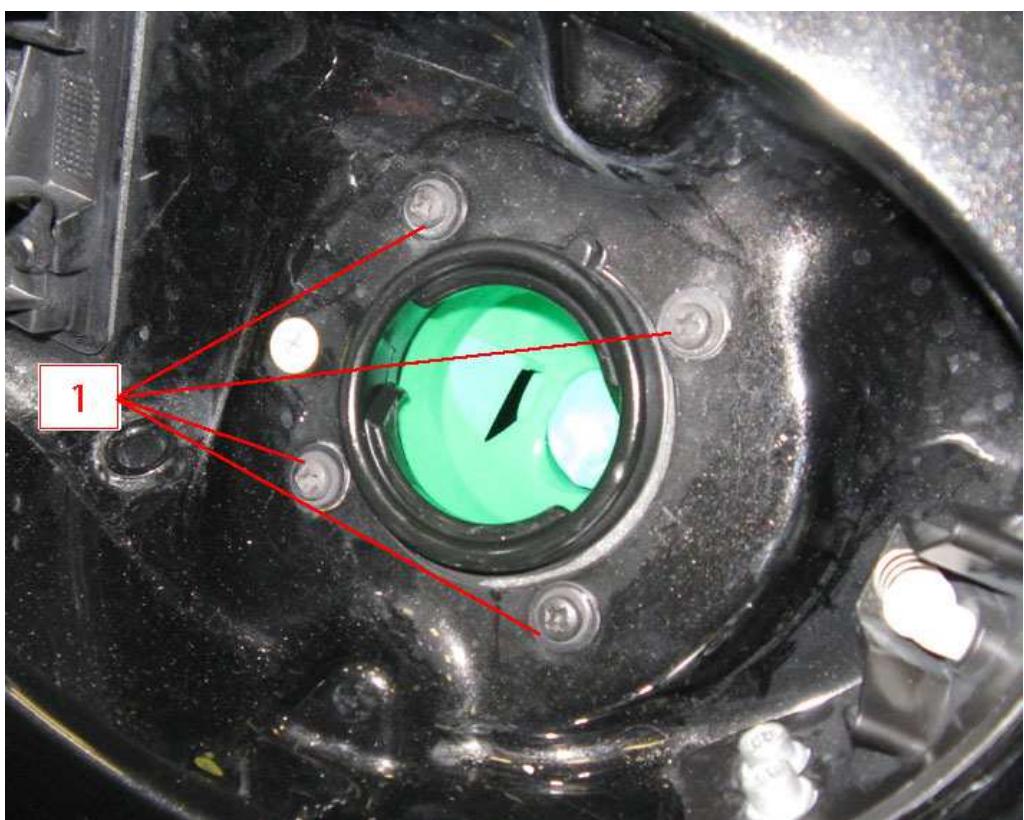
5. Disconnect the three quick couplings (1) from the active carbon filter, also disconnect the quick coupling (2) from the tank.



6. Disconnect the line from the tank fuel filler neck.



7. Open the fuel tank door, move the cap away and undo the screws (1) that secure the filler neck to the bodywork.



8. Undo the nut that fastens the earth cable, then remove the complete fuel filler neck.



When refitting, follow the procedures in reverse order.