



Volkswagen Crafter & MAN TGE from m.y. 2017			
Snorkel			
Nummer:	1561 0000	Stand:	06.2020
Revision:	03	Sprache:	EN

Installation guide 1561 0000

This installation guide applies to this part n°/description:

1561 0000 Volkswagen Crafter & MAN TGE from model year 2017,
left-hand drive vehicles – Snorkel



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Important

To ensure proper function and optimal quality of our parts, their installation must be done in accordance with this installation guide and according to Volkswagen manufacture's specifications in a professional workshop. SEIKEL GmbH and its employees shall not be responsible for damage and its consequences of any nature, which are caused due to non-observance or ignorance of these guidelines. Warranties shall be void for incorrectly performed installations.

Installation guide

Please refer to the Volkswagen instructions for the exact working steps as well as the tightening torques. In case of deviation, our specifications shall be applicable.

NOTE!

All the drill holes and breakthroughs must be deburred from both the sides. Metal swarfs are to be removed / vacuumed up immediately, and it has to be ensured that no swarfs fall into the hollow space in the body!

Apply paint (as per current valid VW repair manual "Paint", refer to ELSA):

1. Apply wash primer and allow it to dry in accordance with the item description. A hot-air dryer can be used, if necessary. We recommend: 1k Wash primer LLS MAX 106 M2.
2. Apply filler and allow it to dry in accordance with the item description. A hot-air dryer can be used, if necessary. We recommend 2K-HS filler LLS MAX 202 M2.
3. Apply base coat on visible areas based on the vehicle-specific varnish and allow base coat to dry in accordance with the item description. A hot-air dryer can be used, if necessary.
4. Protect all cutting edges, hollow spaces or drill holes additionally with anti-corrosion wax, if required using a small brush. We recommend transparent preservative wax AKR 321 M 15 4.

Parts list



- 1x snorkel pipe
- 1x suction head
- 1x suction pipe on air filter box
- 1x spiral hose with connector
- 1x counterholder threaded metal plate
- 1x cable tie
- 2x stencils
- 2x hose clamps
- 2x M6 rivet nuts
- 5x nuts
- 6x M6x20 lens head screws
- 2x stoppers



Instructions

On the right front wheel housing, the wheel housing liner is dismounted as per Volkswagen specifications. Then the right fender guard is masked with adhesive tape in order to protect the paint from damage during the subsequent work.



The stencil for the fender is positioned on the fender and aligned to the outlines. Then the circle is copied onto the adhesive tape on fender.



Within the marked circle, drill a hole with $\varnothing 7$ mm so that the body saw can be placed there.



Saw the marked circle on fender with a body saw.



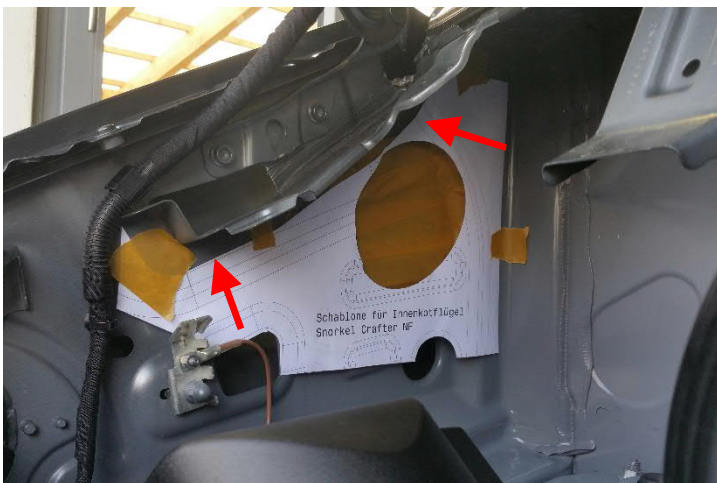
Finished hole section in the right fender.



Dismount the right wind-shield wiper and radiator tank as per Volkswagen specifications.



Mask the internal wing with adhesive tape, as shown in the image.



Position the stencil for the internal wing on the masked internal wing and align to the retaining plate for the radiator tank. Then, copy the section from the stencil onto the internal wing.



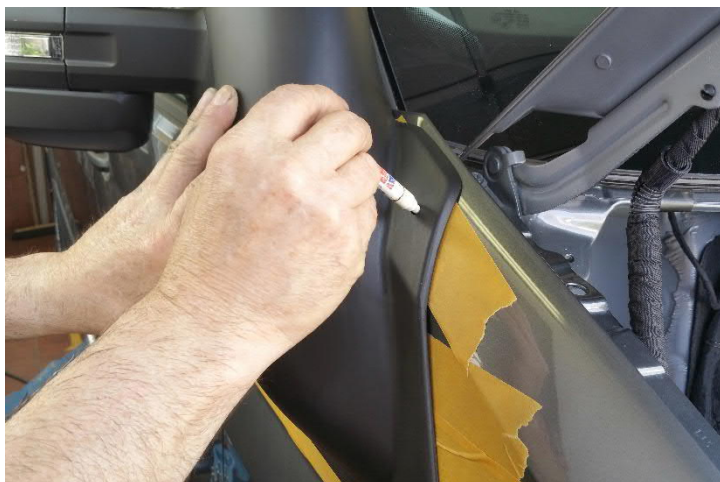
Within the marked circle, drill a hole with $\varnothing 7$ mm so that the body saw can be placed there.



Saw the marked circle on the internal wing with a body saw.

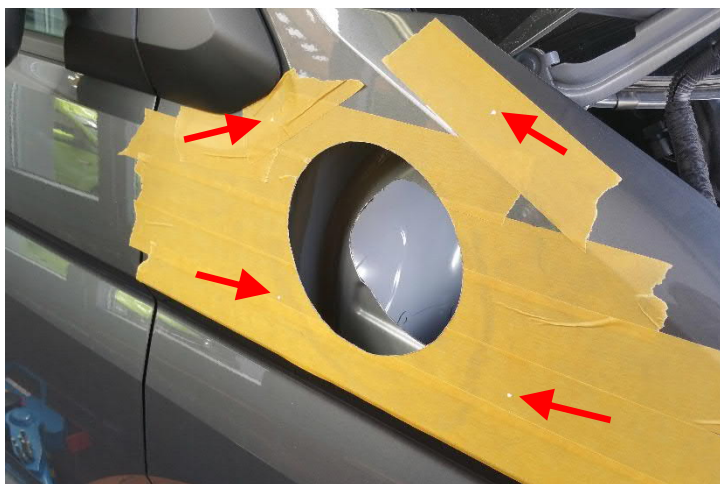


Finished hole section in the internal wing.



Join the snorkel hose to the body and align to the fender and to the A column.

Then copy the centres of the 4 fixing holes on the fender.



On the 4 marked points drill holes with Ø 8 mm.

Remove the adhesive tape on internal and external fender and remove all the swarfs of drilling and sawing from the vehicle.

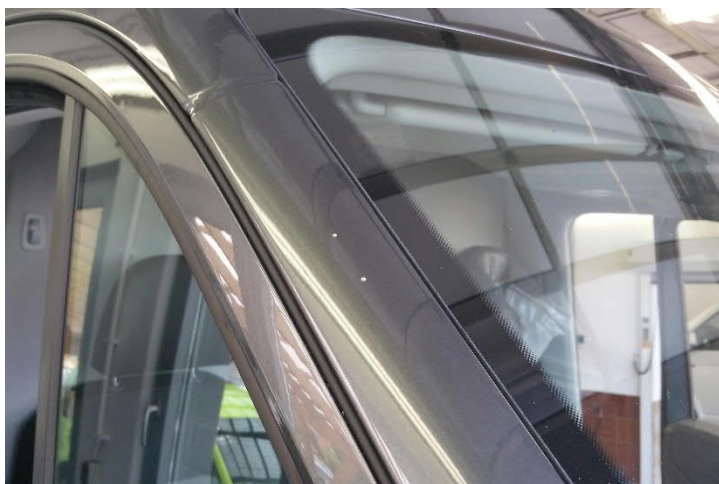


Mount the snorkel hose temporarily, so that the holes for the fixing can be marked on the A column.





Press the snorkel hose on the A column and drill the A column through the pre-drilled holes in the snorkel with a long 4 mm drill.



View of the A column with the drill markings.



On both the pre-drilled points drill holes with Ø 8 mm in the A column.



Deburr all the sections and drill holes and protect against corrosion as per Volkswagen specifications, as described on page 2.



After the anti-corrosion paint is dry, fix the 2 rivet nuts M6 provided in the delivery on the A column.



Re-mount the snorkel hose on the A column and fix with 2 M6x20 lens head screws. The screws are inserted in the snorkel hose through the open end.



Then, fix the snorkel hose on the fender with the help of counterholder threaded metal plate and 4 M6x20 lens head screws.



The counterholder is pushed from below through the wheel house behind the fender till it is aligned with the drilled holes in the fender.

Tighten the 4 screws on fender and the 2 screws on the A column with 8 Nm.



Close both the holes in the snorkel hose with both the stops provided in the delivery.



Join the suction head provided in the delivery to the snorkel hose, as shown in the image, and rivet with 3 rivets provided in the delivery.



On the air filter box, the standard suction hose to cooler grill is removed.



The suction hose provided in the delivery is stuck into the connecting pipe of the air filter box.



The supplied intake pipe is to be secured additionally at position 12 and 6 o'clock with a blind rivet each. For this, drill clearance holes of 5 mm and fit in the two blind rivets, which are part of delivery.



The spiral hose is stuck on the connecting pipe of the snorkel and fixed with one of the hose clamps provided in the delivery. The other end of the spiral hose is stuck into the earlier installed suction pipe and similarly fixed with the remaining hose clamps.



Finally, the spiral hose is fixed to the fixing bracket of the air filter box using a cable binder.



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Volkswagen Crafter from model year 2017 with mounted snorkel.

