



Volkswagen Amarok V6			
Lift kit for breathing system automatic gearbox			
Nummer:	1371 0000	Stand:	10.2017
Revision:	01	Sprache:	EN

## Installation guide 1371 0000

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

1371 0000 Amarok V6 – automatic gearbox

Lift kit for breathing system for gearbox and axle for higher fording depth



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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 Volkswagen 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.



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### Parts list

- 1x pipe 1: Automatic gearbox
- 1x pipe 2: Differential front axle
- 1x pipe 3: Transfer gearbox
- 1x pipe 4: Differential rear axle
- 1x bracket
- 1x M6 hex-head screw



### Instructions

Fix light metal bracket for the higher breather pipes on the existing nut using the hex-head screw M6 provided in the delivery in the right side of the radiator tank.



### Pipe 1: Automatic gearbox

Lay the breather pipe provided in the delivery in the engine compartment directly below the bracket, as shown in the images, for standard venting of the automatic gearbox.



Remove factory-fitted cap of the breather pipe of automatic gearbox (between engine and bulkhead) and attach the breather pipe provided.





### Pipe 2: Differential front axle

Lay the breather pipe provided, as shown in the images, along the existing factory-fitted vehicle pipes in the engine compartment in the front to the right inner wing for breather pipe of the front axle differential.

The air filter box must be removed in order to lay the pipe properly.





Remove factory-fitted cap from the original breather pipe of the front axle and attach rubber elbow.

Re-mount the air filter box as per manufacturer's specifications.

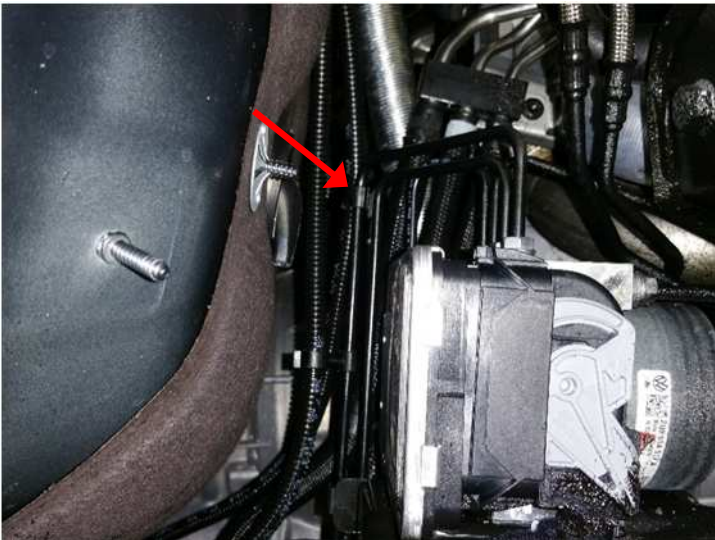


### Pipe 3: Transfer gearbox

Lay breather pipe provided in the delivery along the factory-fitted vehicle pipes, from engine compartment up to transfer gearbox, as shown in the images, and secure it.







Past the ABS unit.



Past the gearbox.



Up to the transfer gearbox.



Remove the original breather valve on transfer gearbox.



Attach rubber elbow on the transfer gearbox vent.





#### Pipe 4: Breather rear axle

Lay breather pipe provided in the delivery along the factory-fitted vehicle pipes, from engine compartment up to rear axle, as shown in the images, and secure it.



Past the ABS unit.



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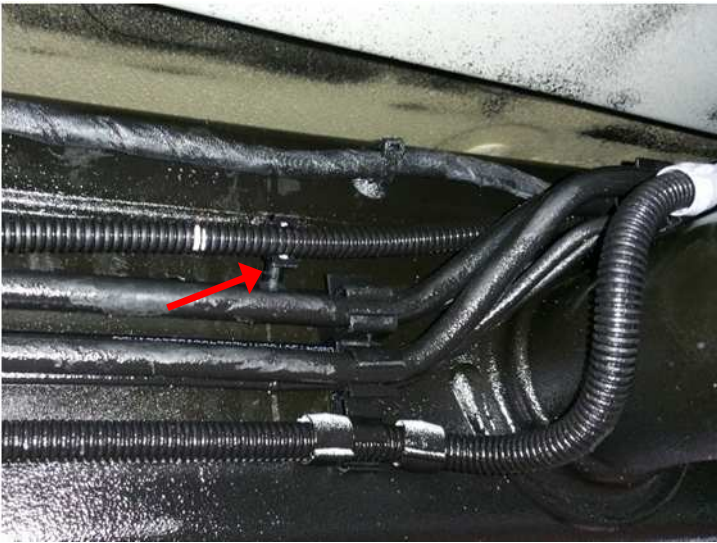
On right column backwards along the vehicle frame.







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Up to cross pipe to which the rear axle shock absorbers are fixed.

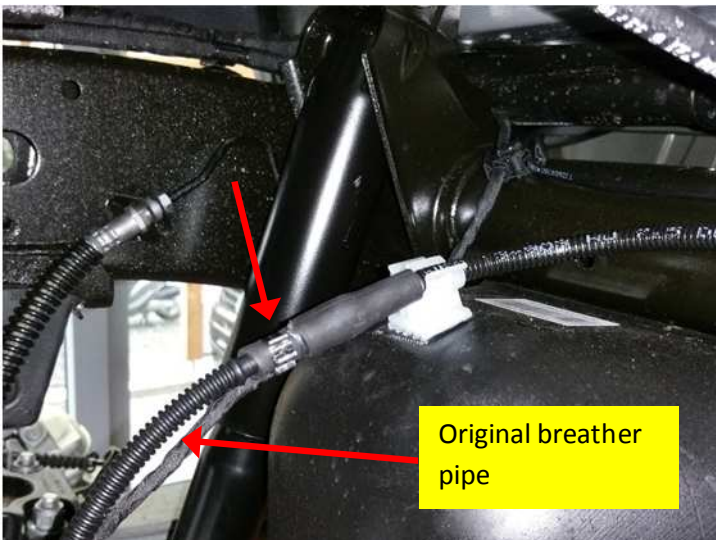


On the cross pipe along the left vehicle side.





Pull original breather pipe of the rear axle from the cross pipe of the vehicle frame and remove the rubber valve. Cut the end of original breather pipe by 25 mm, as seen in the image.



Slide the clamp provided in the delivery over the breather pipe. Put the original breather pipe in the breather pipe provided in the delivery up to the stop, position the clamp over the connection and tighten using appropriate pliers.