



Volkswagen Amarok V6			
Suspension lift kit „KoniRaid“			
Nummer:	1071 0000	Stand:	10.2017
Revision:	01	Sprache:	EN

Installation guide 1071 0000

This installation guide applies to these part n°/descriptions:

1071 0000 Amarok V6 – Suspension lift kit „Koni Raid HD“

1071 0001 Amarok V6 – Suspension lift kit „Koni Raid Komfort“



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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.



Parts list

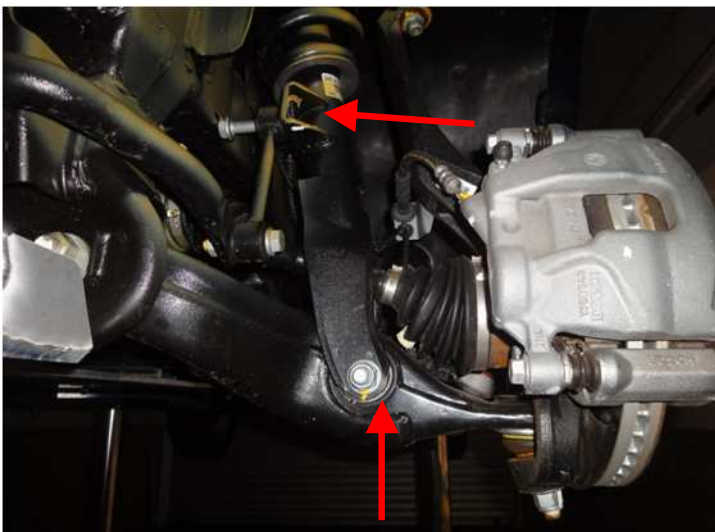
- 2x suspension strut front axle, pre-assembled
- 2x shock absorber rear axle
- 2x spacer blocks 25 mm
- 2x stop extension
- 2x pipe clip
- 2x half shell
- 8x nut
- 4x U-bolts



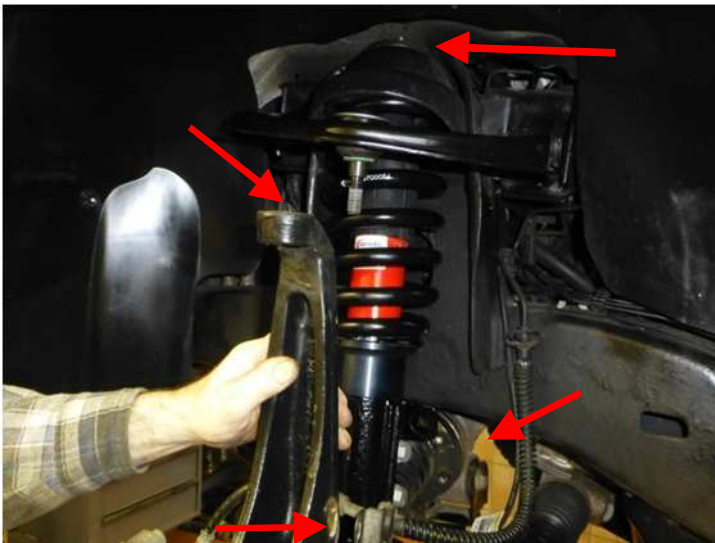
Instructions

Loosen ball joint on the suspension wishbone at the top, mounting nut on the shock absorber at the top, drive shaft on front axle gearbox and brake pipe holder.

Note: Secure wheel bearing housing at the top against tilting out in order to avoid damage to the brake hose.



Loosen stabiliser on suspension strut and clamp screw on shock absorber at the bottom, lift out suspension strut completely.

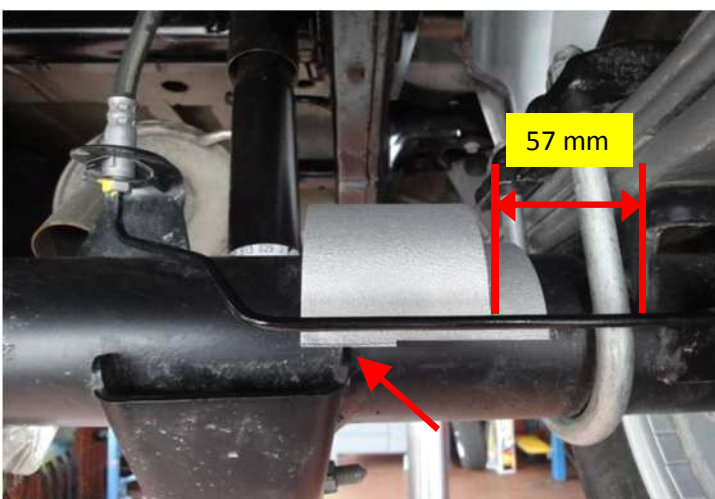


Install new Koni suspension struts provided in the delivery.

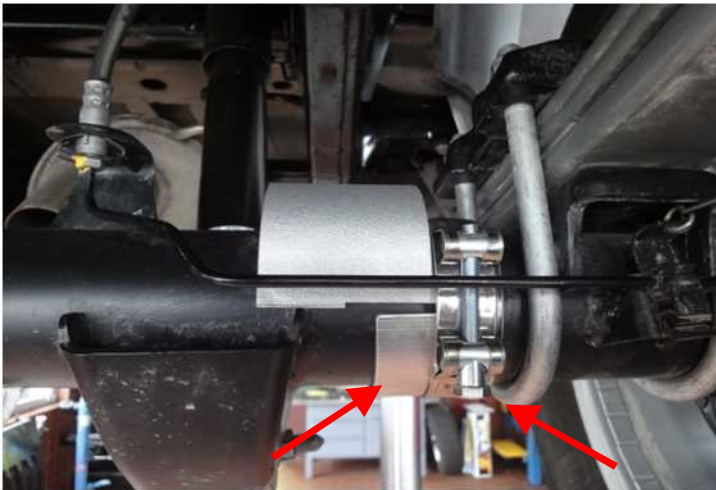
Note: the identification on the right or left on suspension strut must match with the installation location. Tighten back the ball joint on the suspension wishbone at the top, mounting nut on the shock absorber at the top, drive shaft on front axle gearbox and brake pipe holder as per manufacturer's specifications.



Tighten stabiliser on suspension strut and clamp screw on shock absorber at the bottom as per manufacturer's specifications.



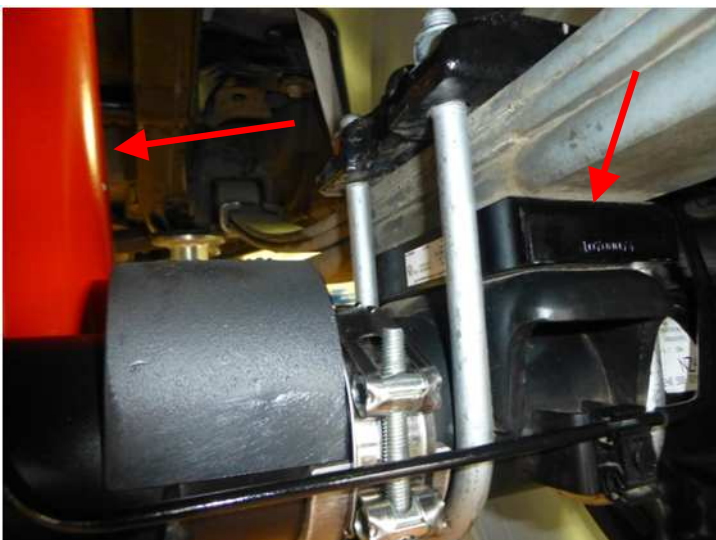
Place stop extension on rear axle tube and align to axle stop, as shown in the image. Stop extension must necessarily rest all over the axle body. Rework using garage tools, if necessary.



Slide the fastening clamp over the stop extension and half-shell and screw tightly.



Dismount wheel and support rear axle with jack. Unscrew shock absorber at the bottom, unscrew four nuts on U-bolts and remove spring tension plate from the leaf spring.



Lower the axle and lay spacer block of 25 mm rounding upwards. Lift axle and pay attention to the correct hub of the guiding bolt. Screw axle, leaf spring and spring tension plate with the new U-bolts and nuts provided. Replace shock absorber. Tightening torque as per manufacturer's specifications.



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After completing all the work:

- Bring the vehicle to the level specified as per data sheet (using weights) for the purpose of axle alignment.
- If it is not possible to achieve the specified axle set-point of both the axles, for instance due to vehicle equipment, it is permissible to adjust the axles as per the standard values of Volkswagen AG.
- Adjust the axle geometry as per data sheet.
- Adjust headlight as per VW guidelines.

Add the missing data in the attached certificate of warranty and re-send so that the warranty can become valid.

Model		Volkswagen Amarok V6	
Suspension lift kit:		SEIKEL 1071 0000, 1071 0001	
Adjustment:		Left	Right
Ride height	front	555 +/- 17mm	
	rear	620 +/- 17mm	
Date:	01.2011	Set point	Max. difference left/right
Rear axle	Camber angle left/right	0°00' +/-05'	
	Toe-in angel left/right	0°00' +/-05'	
	Total toe-in angel	0°00' +/-05'	
	Thrust angle	0°00' +/-05'	
Front axle	Castor left/right	4°50' +/-60'	incl. inclination
	Forward inclination	2°10'	
	Toe difference at 20° left/right	No indication	
	Camber angle left/right	0°00' +/-20'	+/-0°20'
	Toe-in angel left/right	0°00' +/-05'	
	Total toe-in angel	0°00' +/-10'	
	Wheel offset	0°00' +/-10'	