



Volkswagen Amarok 4-cyl.			
Suspension lift kit „Koni Raid“			
Nummer:	1070 0012	Stand:	10.2017
Revision:	05	Sprache:	EN

Installation guide 1070 0012

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

1070 0012 Amarok 4-cyl. – Suspension lift kit „Koni Raid“



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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

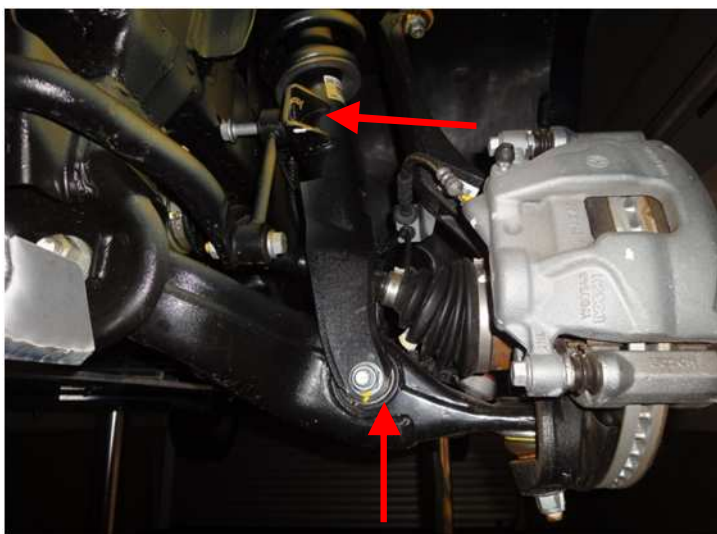
- 2x front strut
- 2x rear shock absorber
- 2x distance plates 25 mm
- 2x bump stop extension
- 2x clamp
- 2x half-shell
- 8x nuts
- 4x U-bolts



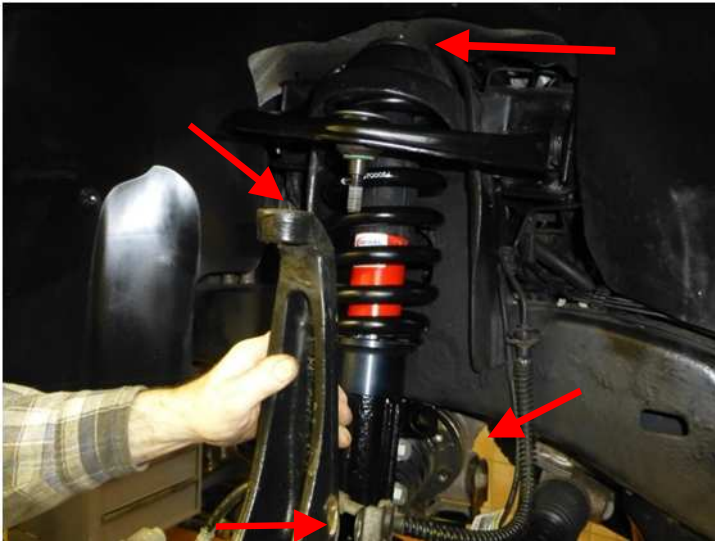
Instructions

Loosen the guide joint at the top of the wishbone, the mounting nut at the top of the shock absorber, the drive shaft at the front axle transmission and brake line bracket.

Caution: To prevent damage to the brake hose, secure the wheel bearing housing at the top against tipping over.



Unscrew the stabilizer at the spring strut and the clamping screw at the bottom of the shock absorber and completely remove the strut.



Install new Koni struts provided in the delivery.

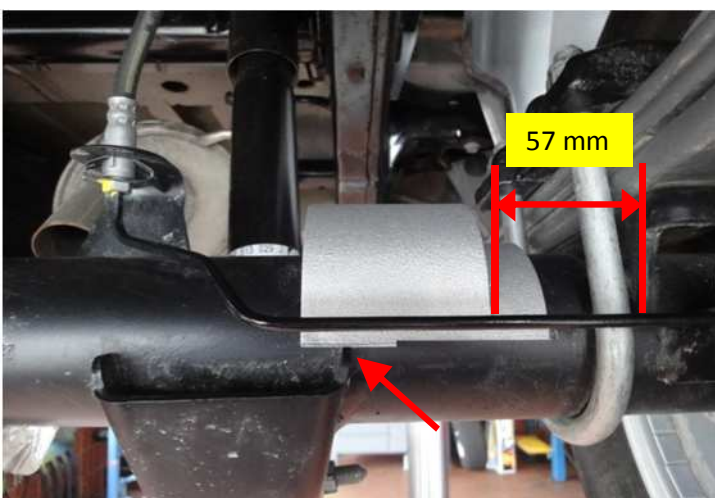
Note: the mark on the right or left of the strut must match with the installation point.

Re-tighten ball joint on wishbone at the top, fastening nut on shock absorber at the top, drive shaft on the front axle drive and brake pipe holder as per manufacturer's instructions.

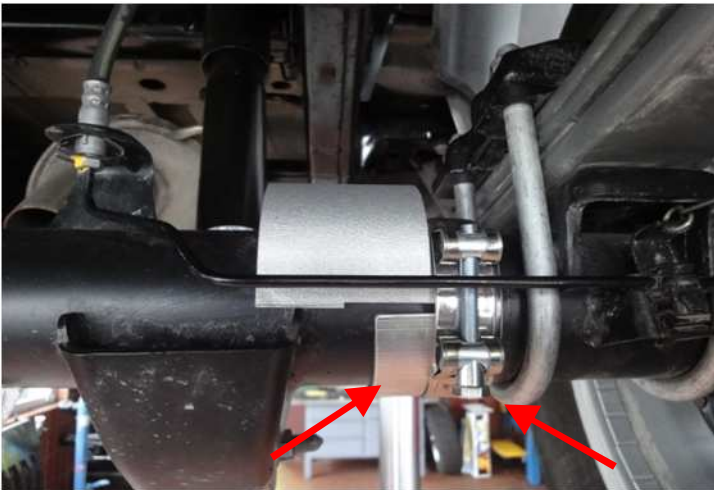
Note: In case of older 4-cyl. Models, rework the through holes in ladder frame from 28 mm to 31 mm and treat with anti-corrosion protection (refer to Volkswagen specifications, TPI / ELSA).



Tighten the stabilizer on the strut and the clamping screw at the bottom of the shock absorber as per the manufacturer's specifications.



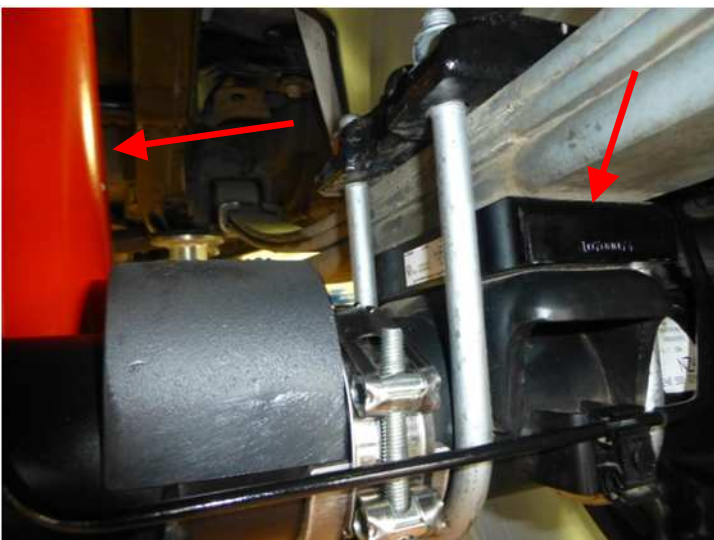
Place the bump stop extension on the rear axle tube and align the axle stop as shown. Bump stop extension must necessarily rest on the whole surface of the axle body. If necessary, rework with garage tool.



Push the fastening clamp over the stop extension and half shell and tighten.



Remove wheel and support rear axle with jack. Unscrew the shock absorbers at the bottom, unscrew four nuts on the spring clip and remove the spring tension plate from the leaf spring.



Lower the axle and position the 25mm distance plate with the rounding upwards. Raise the axle and ensure that the guide pins are correctly placed. Screw the axle, leaf spring and spring tension plate with new spring clips and nuts supplied. Replace shock absorbers. Tightening torque according to 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.
- Adjust the axle geometry as per data sheet.
- Adjust headlight as per Volkswagen guidelines.

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

Model		Volkswagen Amarok 4-cyl.	
Suspension lift kit:		SEIKEL 1070 0012	
Adjustment:			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'	