



Volkswagen T5-T6.1			
Rebound straps for rear axle (RA)			
Number:	1012 0021	As on:	12.2018
Revision:	00	Language:	EN

## Installation guide 1012 0021

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

- 1012 0021 T5 to T6.1 – RA rebound straps, for vehicles without 2nd air conditioner in the rear
- 1012 0022 T5 to T6.1 – RA rebound straps, for vehicles with 2nd air conditioner in the rear

None of the two designs is suitable for installation in DoKa vehicles!

Parts list for kit: 1012 0021 RA rebound straps, for vehicles without 2nd air conditioner



Item	Parts no.	Name	Quantity
1	10130181	Rear axle rebound strap	2
2	10120087	Reinforcing plate bracket for rear axle rebound strap	2
3	10120082	Spacer sleeve silencer for rear axle	2
4	10130183	Spacer sleeve reinforcing plate for rear axle rebound strap	2
5	17100130	Hex collar screw M14 x 1.5 x 45 10.9	2
6	17100280	Hex collar screw M14 x 1.5 x 35	2
7	17100181	Hex collar screw M14 x 1.5 x 120 10.9	2
8	17100035	Hex collar nut M14 x 1.5 10	4
9	17100281	Washer, big 15 x 44 x 4	6

Parts list for kit: 1012 0022 RA rebound straps, for vehicles with 2nd air conditioner



Item	Parts no.	Name	Quantity
1	10130181	Rear axle rebound strap	2
2	10120090	Reinforcing plate R bracket for rear axle rebound strap / 2nd air conditioner	1
3	10120087	Reinforcing plate bracket for rear axle rebound strap	1
4	10120082	Spacer sleeve silencer for rear axle	2
5	10130183	Spacer sleeve for reinforcing plate for rear axle rebound strap	2
6	17100130	Hex collar screw M14 x 1.5 x 45 10.9	1
7	17100280	Hex collar screw M14 x 1.5 x 35	2
8	17100181	Hex collar screw M14 x 1.5 x 120 10.9	2
9	17100035	Hex collar nut M14 x 1.5 10	4
10	17100281	Washer, big 15 x 44 x 4	4



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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.



## Instructions

Disassemble wheels and wheel housing liners on both sides of rear axle.

Installation on the left side

Assemble the reinforcing plate included in scope of delivery with the M14 x 1.5 x 45 and M14 x 1.5 x 35 screws and two washers onto the existing holes in the car body behind the shock absorber.

Assemble the M14 x 1.5 x 45 screw at the front, as seen in the direction of the vehicle.



On the front screw, the black spacing sleeve (with the collar in the direction of the reinforcing plate), the rebound strap and the M14 x 1.5 collar nut are preassembled. The rear screw is preassembled with a washer and M14 x 1.5 collar nut.

Tighten the M14 x 1.5 x 35 screw with 160 Nm.

Loosely fix the front screw with the assembled rebound strap!



Replace the fastening screw of the shock absorber on the swing arm with the supplied 120-mm long collar screw. Behind the shock absorber, move the supplied steel spacer sleeve together with the rebound strap, as shown in the image, onto the collar screw and secure it with the M14 x 1.5 collar nut.



Put the rebound strap under tension and tighten the top as well as the bottom screw with 160 Nm.

When tightening, hold the screw using forceps or a lever to ensure that the brackets of the rebound strap do not rotate!



Installation on the right side

Insert reinforcing plate (with stud bolt in the case of kit 1012 022) into the car body as done on the left side. Hold the rebound strap below the front screw or the stud bolt on the heat protection sheet and mark the position all-around at a distance of 10 mm.



Loosen the rubber bearing of the rear and front silencer. Then disassemble the heat protection sheet and cut out the marked section.

As described for the left side, assemble the rebound strap with the black bushing at the top and tighten the M14 x 1.5 x 35 screw with 160 Nm.

Reinstall the heat protection sheet but do not fasten it to the vehicle as yet.



As done for the left side, assemble the rebound strap with the steel bushing and the supplied long collar screw below on the shock absorber.



Put the rebound strap under tension and tighten the top as well as the bottom screw with 160 Nm.

When tightening, hold the screw using pliers or tyre lever to ensure that the lugs of the rebound strap do not rotate!

Finally assemble the heat protection plate and the exhaust system, the wheel housing liners and wheels back onto the vehicle.