



Volkswagen T4 Bus (70XB, 70XC, 7DB, 7DW)* **

Volkswagen T4 Standard Van (70XA)* **

Volkswagen T4 Platform Truck / Chassis (70XD)* **

* Load increase not possible for vehicles with ESP.

** Load increase not possible for 1999 and 2000 models with 2.5 l Diesel (111 kW).

SACHS load increase springs have a paint mark on the center coil.



Fig.1: Worn spring seat and broken suspension spring

NOTICE

The spring seats subject to wear.

Worn spring seats lead to premature failure of the suspension springs.

Suspension springs and spring seats must always be replaced at the same time.

Replace suspension springs in pairs per axle.

Requirements for the load increase

- Load increase for vehicles with a short wheel base and 1.9 l Diesel or 2.0 l gasoline engines is possible only to a limited degree. ***
- Depending on the equipment, tires with a higher load capacity have to be mounted. ***
- The torsion bars of the front axle have to match the loads stated in the vehicle manufacturer's specifications.
- As of the 1993 year of manufacture, 15" tires have to be mounted for the load increase. ***
- Depending on the equipment, the tension springs in the anti-wheel lock braking system on the rear axle have to be replaced. ***
- Depending on the equipment, the shock absorbers on the rear axle have to be replaced. ***

*** Queries concerning the requirements for the load increase have to be made directly with the vehicle manufacturer.



Model Information

Model Type ID	Year of manufacture		Chassis no.	SACHS shock absorber item no.	SACHS Suspension spring item no.	Paint mark	Volkswagen Original Item no.
	from	to	From → → to				
T4 Bus 70XB, 70XC, 7DB, 7DW	1991	1992		170 786	996 489	red-brown	701 511 105 B
	1993	2003	70-PH000 000 →	170 786	996 492	pink	701 511 105 M
T4 standard van 70XA	1991	2003		170 786	996 492	pink	701 511 105 M
T4 platform truck with double cab Chassis 70XD	1991	2003		170 786	996 489	red-brown	701 511 105 B
T4 California	1991	2003	→ 70-MH078 749	170 786	996 486	Yellow	701 511 105 K
	1991	2003	70-MH078 750 →	Load increase without technical changes possible			



The declaration of no objection can be presented to an officially recognized testing organization.

Declaration of no objection

Dimensions of suspensions springs

SACHS item no.	VW Original item no.	Block load [N]	Block length [mm]	Ø Outer [mm]	Ø Wire [mm]	Number of coils	Length (free) [mm]
996 486	701 511 105 K	17.234	94.1	163	16.9 - 19.5 - 16.9	7.00	253.0
996 489	701 511 105 B	24.892	90.0	160	10.5 - 21.0 - 10.5	7.60	256.0
996 492	701 511 105 M	24.892	90.0	160	10.4 - 20.5 - 10.4	7.65	242.5

Rear axle VW T4: Load increase to total weight of 2.81 t

We herewith confirm that the SACHS suspension springs are suitable for the load increase of the Volkswagen T4 according to the above-described requirements.

The SACHS suspensions springs correspond to the original spare parts specifications stated.

The SACHS suspension springs are not used for raising or lowering the vehicle.

They do not change the original vehicle height and therefore do not require an ABE or TÜV certificate. The spring characteristic and dimensions are not changed.

Stating the type name and the item number of the vehicle manufacturer are used for comparative purposes only.



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