

ST Wheel spacers

0	=	Technical-certificate not available on the day this catalogue was printed. Please check status with us.
1	=	These spring sets can be used only with shortened shock absorbers! We recommend our Weitec sport shock absorbers. See application list for front and rear shock absorbers.
2	=	Not for station wagon models (Estate/ Avant/ Turnier/ Variant/ T-modell...).
3	=	Excluding models with 4 wheel steering.
4	=	Excluding four wheel drive models.
6	=	Not for vehicles with electronic damper control.
6a	=	Excluding models with electronic dampfer control. Use our spring sets please.
7	=	If necessary, please exchange the front bump stops with the original ones (part number 1K0412303F)
8	=	Excluding 16V/20V/24V and RSI.
9	=	Spring kit consists of 2 front springs only.
10	=	Not for cars with Audi magnetic ride
11	=	Excluding models with automatic level control, or automatic level system can be adjusted in accordance.
11a	=	Complete suspension kits are excluding models with automatic level control, please use our springset.
14	=	For vehicles with series sports suspension please use our complete suspension kit only.
16	=	Excluding vehicles with series sports suspension.
18	=	Spring kit includes only 2 rear springs.
19	=	Excluding V-Tec models.
21	=	Not for vehicles with gas-powered engines.
25	=	No German Certificate will be delivered. Only a material certificate will be supplied.
27	=	The front indicator lights on these vehicles must be relocated or replaced. These can be acquired from the manufacturer under order number 46226698.
30	=	The quoted lowering can vary due to different original rubber springseats. Max lowering can be achieved by using single point rubber seats. Lowering can be adjusted by using different rubbers.
31	=	Listed lowering can vary up to +/- 25 mm due to different model weights.
32	=	VR6 only without air conditioning.
39	=	Excluding GTI/GLI/GTE/GLE/GSI.
40	=	Front axle height adjustable, rear axle consists of lowered sports springs and sports dampers.
41	=	Front axle height adjustable, rear axle adjustable sports dampers. Height adjustment is by Torsion bar.
42	=	In combination with original wheels and tyres, wheelspacers might be necessary.
44	=	Only for models with 45 mm strut diameter outside (Can also be measured when fitted on the vehicle).
45	=	Only for models with 51 mm strut diameter outside (Can also be measured when fitted on the vehicle).
46	=	Special kit for vehicles with level control. The height will be adapted by adjusting the levelling sensor.
48	=	The maximum axle load is reduced to the amount mentioned in brackets.
52	=	Excluding convertible.
54	=	Excluding "full options" models.
55	=	Only "full options" models.
57	=	Excluding automatic gear box.
59	=	Only for models with series sports suspension.
65	=	Excluding models with pneumatic suspension.
66	=	Not available for fun/cross models or models with rough road packages.

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70	= We advise checking the difference in the gaps between the wing/fender and the wheel. Because these vary it often seems that the actual lowering is not like that quoted.
71	= Only for cars with a clamp diameter of 55 mm on the front axle.
72	= Only for cars with a clamp diameter of 50 mm on the front axle.
73	= Rear shock absorbers with eye-mounting.
75	= Vehicles with a two-part leaf spring on the rear axle have to be equipped with a one-piece leaf spring (for Caddy VW part no. for leaf spring spring 2K0511151N for Caddy Maxi VW part no. for leaf spring spring 2K3511151E).
77	= Rear shock absorbers with fork-mounting.
78	= front axle spring perch is height adjustable with the spacer ring
80	= Only for 2- and 3- door versions.
81	= Only for 4 and 5-door vehicles.
85	= Excluding turbo charged petrol engines.
90	= The Front Kit is only to employ with an Rear- Kit.
91	= We recommend a special anti roll bar kit (part no. 68550008) for models with a drive shaft diameter of min. 50mm. This is for improving the clearance of the right hand side drive shaft. Because of car specific differences a clearance is not always given.
92	= Front axle spacers only for cars with 47mm damping tube diameter (OE).
93	= At vehicles with original Nivomat dampers only sport suspension kits can be used. The Nivomat damper will be replaced by the supplied sport damper.
94	= Front axle spacers only for cars with 51mm damping tube diameter (ST suspensions).
96	= Not for cars from 2004 onwards with standard 16" wheels.
97	= Excluding G 40 models.
99	= Please note that the lowering rate quoted in this catalogue will be reduced for models with original sports suspension.
102	= Front spring basis of suspensions and front dampers from modell 2002 have to be replacyed by new spring basis Audi part nr. (4D0412107B).
112	= Because of the construction of the car the damping adjustment can only made when the damper is not mounted. By modifying the interior trim this problem can be avoided.
115	= For Ultra GT- sport suspensionwith lowering from 45mm please replace the anti- sway bar kit to guarantee enougth clearence of the right drive shaft. Anti-sway bar kit for cars without Xenon headlights: part no. 68550006. Anti-sway bar kit for cars with Xenon headlights: part no. 68550007.
120	= On the front axle struts you need to measure the whole distance of the lower mounting drills. This distance has to be 72mm.
121	= Please replace the anti-sway bar kit on max. tested lowering. This is for enough clearance of the right drive shaft. Anti-sway bar kit for cars without Xenon headlights: part no. 68550000. Anti-sway bar kit for cars with Xenon headlights: part no. 68550005.
122	= Models with foglights should have the lightbulbs removed to comply with regulations.
123	= Not for models with special equipement like Camper or Westfalia equipement.
124	= Please use different top mounts for models with a year of construction earlier than 6/92 (BMW part no.: 31336764947; disk 31331116983; nut 31331110196).
128	= Distance between the lower mounting holes of the front dampers should be 52 mm.
130	= Make sure the anti roll bar and the steering arms are at least 5 mm clear of the chassis. If not the chassis should be modified as necessary.
131	= For models with ABS, the ABS-cable needs to be mounted separately.
132	= Rear axle height adjustment is achieved by adjusting the torsion bars.
135	= On the front axle struts you need to measure the whole distance of the lower mounting drills. This distance has to be 58mm.
138	= Excluding Long Wheel Base version.
139	= Only for vehicles up to 2,5l Diesel or Turbo diesel engines.
156	= Only for vehicles with ESP-system.

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164	=	Rear axle shock absorbers are not adjustable for dumping. Sport shock absorbers with a harder dumping characteristic will be supplied.
170	=	Only for 4 wheel drive models (4x4, 4motion, Quattro etc.).
181	=	Not for vehicles with ESP system.
182	=	Only for vehicles where the rear shock absorber is attached at the bottom with an M10 bolt.
183	=	Only for vehicles where the rear shock absorber is attached at the bottom with an M14 bolt.
184	=	Additional front axle assembly parts for vehicles with EDC and / or 8cyl. engine are required from the automobile manufacturer: for the front: (BMW Part No.: dome bearings 31331091709 + washer 31331116983 + collar 31331110196), for the rear: (BMW Teile-Nr. dome bearing 33521091710 + 33521090282 + washer 33521092986 + dust cover 31331137932 + bump stop 33531091031.
185	=	For the rear axle sport shock absorbers will be supplied, the factory air spring will maintain. The lowering of the vehicle needs to be done according to the instructions.
186	=	To guarantee at maximum lowering the minimum clearance of the FA indicator light (350 mm) and day headlight (250 mm) beyond STVZO, they have to be modified
187	=	At vehicles equipped with electronic damping DCC, the electronic damping control needs to be deactivated. Deactivation kit KW Part-no. 68510141.
188	=	At vehicles equipped with audi magnetic ride, the electronic damping control needs to be deactivated. Deactivation kit KW Part-no. 68510124.
189	=	At vehicles equipped with electronic damping, the electronic damping control needs to be deactivated. Deactivation kit KW Part-no. 68510144.
190	=	At vehicles equipped with electronic damping, the electronic damping control needs to be deactivated. Deactivation kit KW Part-no. 68510180.
191	=	Just for vehicles with air suspension. The vehicle level has to be adjusted at an authorised shop.
192	=	At vehicles equipped with electronic damping, the electronic damping control needs to be deactivated. Deactivation kit KW Part-no. 68510145.
193	=	Vehicles with a two-part leaf spring on the rear axle have to be equipped with a one-piece leaf spring. (VW part no. for leaf spring spring 2K0511151N)
194	=	The indicated lowering rate may vary. Vehicles are factory equipped with spring rubber washers in different heights at the rear axle. The maximal possible lowering is realized by using 5mm spring rubber washers the rear axle. The lowering rate can be varied by using 5, 9, 13 or 17mm rubber (the rubber washers are only available as original part).
195	=	At vehicles equipped with electronic damping, the electronic damping control needs to be deactivated. Deactivation kit KW Part-no. 68510175 (except OPC) / 68510228 (only OPC).
196	=	At vehicles equipped with electronic damping, the electronic damping control needs to be deactivated. Deactivation kit KW Part-no. 68510213.
197	=	VA- Strut with 10mm Bolt.
198	=	VA- Strut with 12mm Bolt.
199	=	At vehicles equipped with electronic damping, the electronic damping control needs to be deactivated. Deactivation kit KW Part-no. 68510253.
200	=	Only for cars with independent axle (independent wishbone construction)
201	=	Only for cars with torsion beam axle (solid axle)
202	=	For rear axle camber adjustment we recommend the installation of the car specific adjustable control arm set from KW. KW Part-no. 68510021.
203	=	Not for models with complete struts on the rear axle. Only for Cars with separat Springs and Dämpers
204	=	At vehicles equipped with electronic damping, the electronic damping control needs to be deactivated. Deactivation kit KW Part-no. 68510212.
205	=	Additional assembly parts from manufacturer required. (Fiat Part No.: support bearing 777 59 40 + sleeve 779 52 59 + washer 779 52 60).
206	=	At vehicles equipped with electronic damping, the electronic damping control needs to be deactivated. Deactivation kit KW Part-no. 68510314.

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207	=	not for vehicles with Xenon headlights.
207a	=	suspensions kit is not for vehicles with Xenon headlights. Use our spring sets please.
208	=	Additional attachments are required from the automobile manufacturer (for the Fiat Bravo/Brava only available for vehicles with original sport suspension). Fiat Part No.: support bearings 00046469709 + strut insulator 00046448102
209	=	At vehicles equipped with electronic damping, the electronic damping control needs to be deactivated. Deactivation kit KW Part-no. 68510342.
210	=	For rear axle camber adjustment we recommend the installation of the car specific adjustable control arm set from KW. KW Part-no. 68510065.
VA	=	front axle
HA	=	rear axle