Notes Wheelspacer

AS	*You have to consider the requirements of the homologation. Homologation-requirements are available under www.eibach.com*
	Common Note Wheelspacers: *Our wheelspacers are produced in consideration of the original wheels. When using acessory- or specialwheels, you have to check, if these wheels comply with the necessary requirements. Expecially on cars with studs/nuts. Further we point out, that the larger the wheelsize is, the sensitively reacts the steering in relation to vibrations. (Often caused by badly balanced wheels.)*
S1	*When using 15mm wheelspacers there at least have to be 14 mm minimum cut-outs in the wheel to take up the original bolts (when using 20mm spacers 9 mm minimum cut-outs, when using 25mm spacers 4 mm minimum cut-outs). If this isn´t the case shorter bolts must be used. (System 5, 6) Otherwise the use of the spacers is not allowed.*
S2	*Except for model R5 (Tdi) - because of bolt pattern 5/120*
S3	*Only for use on the front axle!*
S4	*For vehicles with (accessory) wheels without cut-outs.*
S5	*For vehicles with a centre stud height up to 17,5mm.*
S6	*Only for use on the rear axle!*
S7	*Only when using rims with 3,5x45° internal chamber.*
S8	*Caution, for some S4 models only for use on the rear axle!*
S9	*When using the wheelspacers you have to verify that the wheels being used have suitable cut-outs to take up the original bolts. Without these cut-outs it is not possible to use the wheels or wheelspacers! Please check as follows: Stud lengh (e.g. 25mm) minus spacer-thickness (e.g.15mm) = 10mm exess length. So the cut out should have 11mm depth to take the original stud. Further the cut out should have minimum 22mmx22mm height/width to take the overlaping nut. ATTENTION: when using 15 mm spacers at least 7 mm deep cut-outs are needed as the nuts stand over the contact surface!*
S10	*For vehicles with a centre stud height up to 11mm.*
S11	*The centering of the wheel is only possible with the wheelbolts! Therefore, it can be necessary to do a wheel balancing on the car, to avoid possible vibrations.*
S12	*Due to the gradation of the wheel centre, a centering of the wheelspacer cannot be guaranteed with some models.*
S13	*With some models, it is only for use on the front axle as the centering of the wheel stud on the rear axle is too long. Fits up to 16mm centre bore height! From production-No# 161225 -> (Please note the printing on the spacer!) also suitable for VW UP!, Seat MII, Skoda Citigo rear axle as changed to 17mm centre bore height!*
S14	*With some models, it is only for use on the rear axle as the centering of the wheel stud on the front axle is too long.*
S15	*When using system 3/7 (50mm), the original wheel bolts can be too long. In this case, they must be changed to shorter bolts.*
S16	*Mazda / Nissan / Subaru have various wheel studs that are dependant on the model, axle or year they were built in. Before ordering, please check on both axles, what knurl diameter the original wheel studs have. In our kits, we include wheel studs with a knurl diameter of 14,9mm (14,3mm for Subaru). Other knurl diameter sizes need to be indicated when ordering!*
S17	*For vehicles with a centre stud height up to 16mm.*
S19	*For vehicles with sliding doors, it needs to be checked if wheelspacers of 25mm / 30mm can be installed.*
S20	*Not permitted for vehicles with a lightweight suspension (Type 6E, Lupo 3L Tdi, Lupo FSI)*
S21	*The steering angle possibly needs to be limited.*
S22	*In combination with spacer rings, an 18-inch wheel/rim- combination is only permitted if the wheel has been already approved by the TÜV as original equipment.*
S23	*Not permitted for vehicles with steel wheels!*
S24	*With newer models, the centre stud can be more than 54,1mm diameter. In this case, the wheelspacer cannot be used.*
S25	*Cannot be installed with some Turbo-models due to a changed centre stud.*
S26	*With some models, it can only be used on the front axle as the grease-cap of the rear axle wheel carrier can stick-out too wide. The maximum height of the centre stud including the grease-cap is 10mm!*
S27	*The centering of the wheel and spacer is only possible with the wheelbolts! Therefore, it can be necessary to do a wheel balancing on the car, to avoid possible vibrations.*
S28	*When using system 3/7, the origial screws have to be changed against shorter screws. Item-No for the use with original wheels: S4-7-14-50-28-19. When using acessory wheels, please fill out the Checklist.*
S29	*Ist necessary to change the inner front wheel arch.*
S30	*The wheelcarrier has to be disassembled for changing the stud bolts.*
S32	*Stud bolts needn´t be changed.*

S33	*The original stud bolts must be changed. Longer stud bolts are enclosed in the kit. At some cars (e.g. Ford, Kia, Volvo) it´s necessary to disassemble the wheeltrunk and/or the wheel bearing. This only should be done by your garage.*
S34	*When using system 3/7, the origial bolts have to be changed against shorter bolts. Item-No for the use with original wheels: S1-1-14-50-30-17. (Included in delivery) If using accessory wheels you have to check the mount of the wheels. If necessary you have to order shorter bolts. Please use our checklist.*
S35	*When using system 3/7, the origial screws have to be changed against shorter screws. Item-No for the use with original wheels: S4-1-14-50-28-19 (Included in delivery) If using accessory wheels you have to check the mount of the wheels. If necessary you have to order shorter bolts. Please use our checklist.*
S37	*When using the wheelspacers you have to verify that the wheels being used have suitable cut-outs to take up the original bolts. Without these cut-outs it is necessary to use the delivered studs in exchange to the original studs!*
S38	*For vehicles with a centre stud height up to 18mm.*
S39	*Not for use with 2005 standard-wheel (chrome-plated)*
S40	*Only for use on models with tripartite center hub.*
S41	*Not for use on models with US-Wheels, as these wheels don´t have the necessary cut-outs!*
S42	*Exclusive model "SPORT" - this one has stud bolts!*
S43	*Year 20-05-2002 to 25-03-2004 please order 10 pc. S3-0-12-50-52-143 seperately when using for the front axle!*
S44	*Year 20-05-2002 to 25-03-2004 please order 10 pc. S3-0-12-50-62-143 seperately when using for the front axle!*
S45	*Please Note: As Mercedes uses different bolts you have to check that the bolt when put in the wheel mustn´t stand over more than 20mm. If this is the case you eighter have to use S90-2-20-007 with longer bolts, or you have to order shorter bolts for fixing the wheel. In both cases please use the checklist!*
S46	*This Kit includes additional wheelbolts to fix the wheel. When using this kit you have to use these wheelbolts as the original bolts are too long to fix the wheel.*
S47	*The original bolts have to be changed against shorter bolts or cut to length.*
S48	*Also for front axle use from production date 24-2006 (Marking 24E06 - Please note the printing on the spacer!)*
S49	*When using System 2 (S90-2-…) you always have to fill out the checklist because of different original bolts lengh used on this car.*
S50	*Also for front axle use from production date 14-2006 (Marking 14E06 - Please note the printing on the spacer!)*
S51	*Also for front axle use from production date 21-2006 (Marking 21E06 - Please note the printing on the spacer!)*
S52	*Also for front axle use from production date 35-2006 (Marking 35E06 - Please note the printing on the spacer!)*
S53	*Not for AMG-Models!*
S54	*With some models, it can only be used on the front axle as the grease-cap of the rear axle wheel carrier can stick-out too wide. The maximum height of the centre stud 13,5mm!*
S55	*Only for models with air-suspension on the rear axle!*
S56	*Only to use from production date 29-2007 (Marking 29E07 - Please note the printing on the spacer!) . Earlier dates don´t fit the original wheels!*
S57	*Mercedes OEM wheels may use different bolt length. Therefore you have to examine, what bolt lengh is used. Please fill out the checklist!*
S58	*Citroen, Peugeot vehicles use different OEM wheels with different bolts. It´s necessary to check what bolts are used even if OEM wheels are used. Please fill out the checklist!*
S59	*Not for 2,0 l Turbo*
S60	*As the diameter of the center stud can vary, the wheelspacers only can be centered by the studbolts/nuts.*
S62	*It´s necessary to modify metal parts of the inner wheel arch!*
S63	*With charge 123634 (production March 2008 - Please note the printing on the spacer!) also usable for the rear axle.*
S64	*If the maximum rear axle load is more than 1600kg the maximum rear axle load has to be reduced to 1600kg. (800kg per wheel)*
S66	*Not for vehicels with overstanding boltheads on the wheeltrunk, as these bolts mustn´t be dismounted.*
S67	*When using 20mm System 7 spacers the wheelbolts mustn´t stand over more than 19,5mm out of the wheelhub. If this is the case the bolts have to be replaced with shorter bolts. (Please follow our installation instruction!!)*
S68	CHANGE OF SYSTEMS! System 3 spacers (91-3...) will be changed against system 7 spacers (91-7...)! If system 3 spacers won´t be available, you automatically get system 7 spacers. - ATTENTION! In that case the system 7 price will be charged.
S70	*Except Model 390X - EC-type approval No. e1*2001/116*0344*… for countries with homologation required.*
S71	*Also for front axle use from production date 33-2010 (Marking 146417 and following - Please note the printing on the spacer!)*
S72	*Only for cars with Air-ride and levelling control*
S73	*Only suitable if outer spacer diameter >165mm. - Suitable from production-no.# 161220 -> (Please note the printing on the spacer!)*
S74	*With charge 170033 (production November 2012 - Please note the printing on the spacer!) also usable for the rear axle, if grease cap directly used on the center hub of the spacer.*