

trail master
by **Maas**

MAX
KRAFT

Verwendungsliste - Application list

Maas
group



trail master
by **Maas**



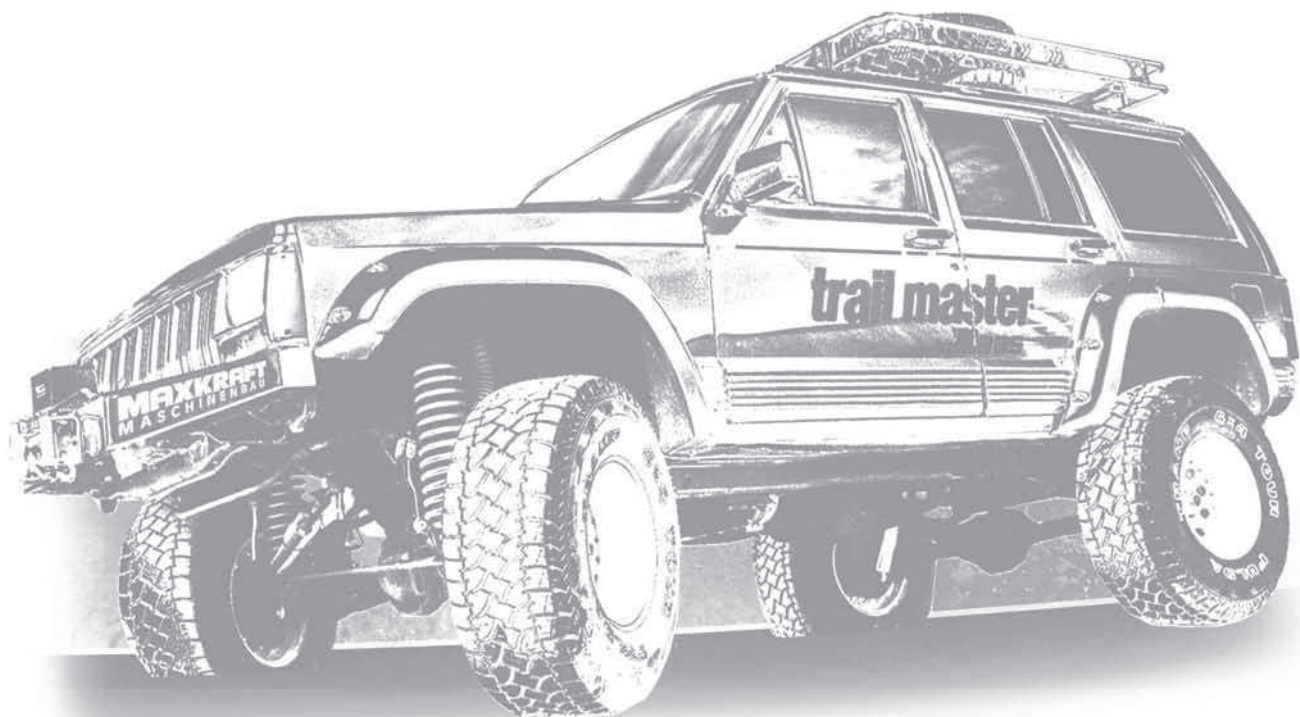
Verwendungsliste application list

Stoßdämpfer, Fahrwerksysteme, Fahrzeugkomponenten
Shock Absorbers, Suspension Systems, Suspension Components

trail master[®]
by Maas

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Last Update: 05.2014



		mm						
				comfort**	sport/HD***		comfort**	sport/HD***
AMC Jeep								
Jeep CJ5, CJ7, Scrambler	76-81	0-30		58380	58410		58900	58600
		40-70		58900	58600			58450
		80-100		58790	59390			58450
Jeep CJ5, CJ7, Scrambler	82-86	0-30		58900	58600		58900	58600
		40-70		58790	59390			58450
		80-100			58450			58450
Jeep M38A1, CJ5, CJ7	53-75	0-30		58900	58600		58900	58600
Jeep MB, M38, CJ2, CJ3	41-63	0-30		58380	58410		58380	58410
Asia								
Rocsta	93-00	0-30		59520			58380	58410
		30-60		59440	57210		58900	58600
Bertone								
Freeclimber	90-	0-50			59650			57210
Chevrolet / GMC								
Silverado (No HD)	99-06	0-20		---	---		57600	59260
		90-120		---	---			57800
Blazer, Jimmy, Suburban	73-91	0-30			58460		57530	
		50-80		58950	57070		57790	59890
		90-120		58470	58100			58720
		200			58760			58720
Blazer, Yukon, Tahoe, Suburban	92-98	0-30			58460		57910	59270
		50-80		58950	57070		57920	59900
		90-120		58470	58100			57080
		130-180			58760			57080
Pickup, K1500 - K3500	88-98	0-20			58460		57920	59900
		50-80			58460			57080
		90-120		58470	58100			57080
Pickup, K1500 - K3500	99-06	0-20		---	---		57600	59260
		90-120		---	---			57800
Pickup, K10, K20, 4WD	73-87	0-30			58460		57530	
		50-80		58950	57070		57790	59890
		90-120		58470	58100			58720
Pickup, K 30, Military	73-87	0-40			58460		57600	59260
		50-80		58950	57070			57800
		90-100		58470	58100			57800
Blazer, Jimmy, S-Serie, 4 WD	83-04	0-30			58400		57910	59270
		90-120			57830		57920	59900
Blazer, Jimmy, S-Serie, 2 WD	82-	0-20			57410		57910	59270
Chrysler Jeep								
Cherokee, Wagoneer, J10	74-89	0-30		58440			58440	
		40-60			58650			58650
Cherokee, XJ	84-01	0-30		59980	59700		57480	
		40-60		58750	58880		57480	
		70-90			57880			57520
		100-150			57810			57870
Cherokee KJ, Liberty KJ	01-08	0-30		---	---		59950	
		40-60		---	---		58190	
Comanche 4 WD	85-92	0-30		59980	59700		58790	58870



		mm					
				comfort**	sport/HD***	comfort**	sport/HD***
Chrysler Jeep							
Commander, XK, XH	05-	0-20		---	---		59530 54560
		30-60		---	---		57140
		90-150		---	---		58250
Grand Cherokee, ZJ, ZG	93-98	0-30		59980	59700		58430 58650
		40-60		59290	58880		57990 58350
		70-100			57880		57300
		110-130			58150		57090
Grand Cherokee, WJ, WG	99-04	0-30			56740		59220
		40-60		56720	58880		57330
		70-100		59290	57130		59100 58160
Grand Cherokee, WK, WH	05-	0-20		---	---		59530 54560
		30-60		---	---		57140
		90-150		---	---		58250
Wrangler, YJ	87-95	0-30		57180	57490		58780
		40-60		59450			58440
		70-130			59500		58520
Wrangler, TJ	97-06	0-40		59980	59700		57500
		50-75		58750	58880		58490 59230
		80-100		59290			58820
		110-150		57810	57880		58820
		160-190		57730	59320		58200 59240
Wrangler, JK	07-	0-30		56760			59190
		40-60		56660	59180		56770 56780
		40-60		52100	---		52110
		70-90		59250	59350		56790 56780
		100-120		56630	59350		56790 54260
Daihatsu							
Feroza, F300	88-97	0-20		59650	56800		59210
		30-50		59650	56800		57210
Rocky F70,75,80,85	84-93	0-20		59520	57210		59520 57210
		30-50		59440	59460		59440 59460
		60-100		59580	58290		59580 58290
Rocky F73,78,98	5.93-	0-30		59650	56800		59730
Taft, Wildcat F20-F60	74-84	0-30		58380	58410		58380 58410
Dodge							
Dakota 2WD	97-04	0-30			57410		58810
Durango 4WD	98-03	0-30			58140		57060
Durango 2WD	98-03	0-30			57410		57060
Ram 1500 1/2 ton Pickup, 4 WD	94-01	0-30		57460	59280		57600 59260
		70-100			59680		57800
Ram 1500 1/2 ton Pickup, 4 WD	02-05	0-30					57600 59260
		70-100		57710			57800
Ram 1500 1/2 ton Pickup, 4 WD	06-07	0-30		---	---		57600 59260
		70-100		---	---		57800
Ram 2500 3/4 ton, 3500 1 ton Pickup, 4 WD	94-07	0-30		57460	59280		59260
(not Powerwagon)		70-100			59680		57800
Ram 1500 1/2 ton Pickup, 2 WD	94-01	0-30			58800		58830



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		mm					
				comfort**	sport/HD***		comfort** sport/HD***
Dodge							
Ram 1500 1/2 ton Pickup, 2 WD	02-05	0-30			56650		57600 59260
		70-100					57800
Ramcharger 4 WD	69-	0-30		57610			57770
Pickup W100 - 250, 4 WD	77-	0-30		57610			57770
		80-120		57620			57770
Ford							
Bronco II	80-96	0-30		58280	56600		57650
Explorer 4 WD	91-94	0-20			57890		57580
		100			59460		57370
Explorer 4 WD	95-	0-30		---	---		57930
Maverick, UNS, UDS	93-4/98	0-30		57700	56710		58870
		40-60		57700	56710		58510
		100			59710		58890 59860
Ranger	83-97	0-30		58280	56600		58110
Ranger	99-06	0-30		58280	56600		56890
Ranger	07-	0-30		58280	56600		56890
		40-70					56900
Hyundai							
Gallopier II, JK	98-	0-30			57410		58590
		40-60			58500		57170 57160
Terracan	01-	0-20			57560		58120 57000
		30-60			57560		59760 59800
Iato							
2.0 TD Intercooler	91-	0-30			58600		58450
Isuzu							
Amigo, Rodeo	89-95	0-30		59650	56800		58790 59390
Campo 4 WD	88-	0-20		59650	56800		58790 58870
		30-50		57700	56710		58450
Campo 2 WD	90-				57420		58870
D-Max	02-12	0-20		57700	56710		58790
		25-50		57700	56710		58450
Trooper, UBS 13/16/52	83-86	0-30		59650	56800		56880 58870
		40-60		57700	56710		58450
Trooper, UBS 17/55	86-91	0-30		59650	56800		59490
		40-60		57700	56710		58710
Trooper	00-	0-20		57700	56710		59970 57360
		25-50		57700	56710		59970 57360
Iveco							
Massif	07-	0-20			58170		57010
		30-50			57030		56940
Kia							
Sorento	02-11.06	0-20		---	---		58910 57310
Lada							
Niva, 2121	76-09	0-20			57630		58960 57320
		30-50		57860	58180		59430 59200
		60-70		57860	58180		

A-3



		mm					
				comfort**	sport/HD***	comfort**	sport/HD***
Lada							
4x4 M, 2121-4 (Niva)	10-	0-20			57630		56690
		30-50		57860	58180		56820
Land-Rover							
Defender 90	84-	0-20		54320	54380		54390
		30-50		54340	54400		54410
		60-100			54360		54370
Defender 110	83-	0-20		54320	54380		54390
		30-50		54340	54400		54410
		60-100			54360		54370
Defender 130	91-	0-20		54320	54380		54390
		30-50		54340	54400		54410
Range Rover 100 Classic	70-96	0-20		54320	54380		54390
		30-50		54340	54400		54410
		60-100			54360		54370
Discovery I	90-94	0-20		54320	54380		54390
		30-50		54340	54400		54410
		60-100			54360		54370
Discovery II (not TD5)	94-98	0-20		54320	54380		54390
		30-50		54340	54400		54410
		60-100			54360		54370
Discovery II (TD 5 only)	99-	0-30					59620
Mahindra							
CJ3 D	88-	0-30		58380	58410		58410
CJ4 D	88-	0-30		58380	58410		58410
Mazda							
Pickup B1600 - B2500	87-96	0-30			59480		59390
Pickup B-Serie (UF/UN)	96-06	0-30		58280	56600		56890
Pickup BT-50	07-	0-30		58280	56600		56890
		40-70					56900
Mercedes							
G W460	3.79-8.93	0-40			54460		54480
		50-60			54460		54490
G W461 short (2400 / 2850 mm)	2.90-	0-40			54470		54480
		50-60			54460		54490
G W461 long (3120 / 3400 mm)	2.90-	0-40			54460		54480
		50-60			54460		54490
G W463	9.89-	0-40			54470		54480
		50-60			54460		54490
Mitsubishi							
Galloper, JK	8/98-	0-30			57410		58590
		40-60			58500		57160
Pajero, L040 	82-91	0-40			58500		58450
		50-60			58500		58450
Pajero V6, L040 	88-91	0-30			58500		58590
		40-60			58500		57160
Pajero V20	12/90-4/00	0-30			57420		58090
		40-60			59650		58090
		70-100					57230



		mm					
				comfort**	sport/HD***	comfort**	sport/HD***
Pajero Sport, K90 	98-	0-20			57420	58600	
		30-60		57700	56710		58920
Pajero V60	04/00-06	0-30		---	---		59930
Pickup L200, KAOT	06-	0-20		50110		58600	
		30-50		50110		59390	58920
		60-70		50111		56880	58870
Pickup L200, K7_T 4WD	9/96-4/06	0-20			57420	58890	59860
		30-60		57700	56710		59860
Pickup L200, K6_T 2WD	9/96-4/06	0-20			58500	59390	58920
		30-60			58500		58870
Pickup L200, K2_T, K3_T	87-8.96	0-20			57410		58450
		30-60			58500		58510
Nissan							
Patrol K160	80-89	0-40			58560		59400
		50-80			58580		59750
Patrol K260	86-94	0-40			58580		58450
		50-80			59550		58890
Patrol GR, Y60	88-96	0-40		58580	56850	54520	54570
		50-60		54530	54380		54570
		70-100		54540	54400		54590
Patrol GR, Y61	97-	0-40		58580	56850	54520	54570
		50-60		54530	54380		54570
		70-100		54540	54400		54590
Pickup, Y720	80-86	0-30			57420		58600
Pickup, (M)D21	86-97	0-40			57420		58600
		50-80			57560		58870
		100			59710		59860
Pickup, (M)D22	98-04	0-40			57420		58920
		50-80			57560		58870
		80-120					58510
Navara D40	05-	0-30		---	50050	57550	58210
		40-60		---	50050		59590
		60-80		---	---		56580
Terrano I, WD21	87-95	0-30			57560	56880	58920
		40-60		57700	56710		58870
		80-100			59710		59860
Terrano II, R20	93-07	0-30		57700	56710		58870
		40-60		57700	56710		58510
		80-100			59710		59860
Opel							
Campo 4 WD	92-	0-20		59650	56800		58870
		30-50		57700	56710		58450
Campo 2 WD	90-				57420		58450
Frontera A	92-95	0-20		59650	56800		59390
		25-60		57700	56710		58870
Frontera A	95-97	0-30		59650	56800		57220
		30-60					59910
Frontera B	98-	0-30		59650	56800		57710
		30-60					57280
Monterey	92-00	0-20		57700	56710		57360
		25-50		57700	56710		57360



		mm					
				comfort**	sport/HD***	comfort**	sport/HD***
Santana							
PS-10	02-11	0-40		58170		59670	
Ssangyong							
Korando	10.95-	0-20		59650	56800		58370
		30-50		59650	56800		59580
Musso	12.96-	0-20		59650	56800		58370
		30-50		59650	56800		59580
Suzuki							
New Grand Vitara (JT)	05-	0-30		---	---		
		40-70		---	---		
Grand Vitara (FT, GT)	98-05	0-35			50501		59660
		40-60			50504*		58540
Vitara long (ET, TA)	91-98	0-35			50501		59660
		40-60			50504*		58540
Vitara (ET, TA)	88-98	0-35			50501		59660
		40-60			50504*		58540
				* Vitara 50504 only with differential lowering kit			
Jimny	98-	0-20		56730	57690		57760
		30-50		56730	57690		57350
		60-90		56680			57780
LJ 80	78-82	0-30			59470		59470
		40-70		59520			59520
Samurai, SJ 410, SJ 413	82-04	0-35		59520	59470		58410
		40-70		59520			58600
		80-110		59440	58370		59390
Toyota							
RAV 4 Funcruiser, SX, XA	94-00	0-30		---	---		59490
		40-60		---	---		58710
RAV 4 Funcruiser, AG/ZG	00-05	0-30		---	---		59490
		40-60		---	---		58710
4 Runner 	-85	0-40			57690		59380
		50-85			59710		58740
4 Runner 	86-89	0-30			59510		59300
4 Runner 	8/89-96	0-40			59510		59800
		50-60			59510		59770
		100		58630			58240
Toyota Hilux							
Hilux 4WD 	79-83	0-40			57690		58920
		50-85			59710		58450
Hilux 4WD 	84-97	0-40			57690		59610
		50-85			59710		58740
Hilux 4WD IFS	86-97	0-30			59510		59560
		40-70					59610
		100		58630			58770
Hilux 4WD IFS	97-05	0-30			59510	r	59610
						l	59560
		40-70				r 	58770
						l 	59610
		80-110				r 	59940
						l 	58770



		mm						
				comfort**	sport/HD***		comfort**	sport/HD***
Toyota Hilux								
Hilux 4WD IFS	05-	0-30		50120	---		---	59560
		40-70	of	---	---	of	58530	59610
		80-110	of	---	---	of	58740	58770
Toyota Land Cruiser Light Duty								
Land Cruiser J15, Prado 150				---	---		---	---
Land Cruiser J12, Prado 120	03-09	0-20		---	---		58680	58850
		30-60	of	---	---	of	58680	58850
Land Cruiser J9, Prado	96-03	0-30			50070		58120	57000
		40-50	of		50070	of	59760	59800
		60-70	of			of	59760	59800
Land Cruiser J7, Prado	90-96	0-30		59870	57660		59830	56860
KJ/LJ/RJ 70/71/72/73/77		40-70	of	57260	54580	of	57270	54390
		70-100	of	59840	54250	of	59310	54410
Land Cruiser J7, Prado LJ/RJ 70/73	85-89	0-40		58580			right shock	57030
							left shock	56670
		50-80	of	59550		of	58530	right shock
						of	58320	left shock
		90-110	of	59820		of	58740	right shock
						of	59760	left shock
Toyota Land Cruiser Heavy Duty								
Land Cruiser J7, 78/79	99-04	0-20			58580		59380	59740
		30-50	of	59640	59330	of	58740	59690
Land Cruiser HZJ/PZJ 70/73/75	90-99	0-40		59540				59560
		50-60	of	58690	59790	of	59380	59740
		70-100	of		54290	of		54550
Land Cruiser BJ/FJ 70/73	84-96	0-40		59540				59560
		50-80	of	58690	59790	of	59380	59740
		90-120	of		54290	of		54550
Land Cruiser BJ/FJ/HJ 75	11/84-12/89	0-20		59540			58740	59690
		30-50	of	58690	59790	of	58740	59690
Land Cruiser J4, BJ/FJ 40/42/45	69-84	0-40		58380	58410		58790	59390
		50-80	of	58900	58600	of	58890	58510
Toyota Land Cruiser Station								
Land Cruiser J10 (IFS)	99-	0-25					58680	58850
		30-50	of			of	58360	59880
Land Cruiser J8/J105	90-98	0-30			54500			54510
		40-70	of		54300	of		54310
		80-100	of	54280		of		54290
		100-130	of			of		54270
Land Cruiser J6	85-90	0-40		59760	59800		59300	
		50-80	of	58690	59770	of	58530	59610
Land Cruiser J6	80-85	0-40		59760	59800		59390	58920
		50-80	of	58690	59770	of	58450	58870
UMM								
Alter, Turbo		0-30		58900	58600		58900	58600
Volkswagen								
Ilitis		0-30		57470			57470	
LT 28/35	12.82-6.96	0-35		58500			58980	
		40-80	of			of	58940	



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		mm					
				comfort**	sport/HD***	comfort**	sport/HD***
Volkswagen							
LT 40/55 2x4 + 4x4	12.82-6.96	0-35		58330		58980	
		40-70		58390			58940
T3 2WD	05.79-7.92	0-30					59370
		40-70					59620
T3 4WD Syncro	84-92	0-20		50080	50090		58810
		20-40		50080	50090		57980 57060
Taro 4WD	89-97	0-30			59510	59300	59560
		40-70					58530 59610
		100			58630		58740 58770
Amarok	10-	0-40				54240	

shock absorber specifications

 type 3				
No.	min mm	max mm	top mounting	bottom mounting
56580	389	625	EB1	ES110
56600				
56630	402	650	S34	ES69I
56650	244	377	S32	BP8
56660	373	586	S34	ES69I
56670			projected	
56680	327	506	S1	ES17
56690			projected	
56700			projected	
56710	244	377	S1	ES17
56720	357	565	S34	BP4
56730	289	430	S1	ES17
56740	333	518	S34	BP4
56760	363	571	S34	ES69I
56770	395	631	BP18	ES69I
56780	402	645	BP18	ES69I
56790	407	655	BP18	ES69I
56800	244	377	S1	ES17
56810	347	540	ES17	ES17
56820	349	545	ES17	ES17
56840	338	523	ES17	ES17
56860	320	486	EB2	S34
56870	331	514	S1	ES34
56880	359	572	EB1	EB1
56890	383	596	ES104	ES69I
56900	400	636	ES104	ES69I
56920	317	488	BP18	EB1
56940	333	512	EB2	S1
57000	330	512	S1	EB2
57010	305	456	EB2	S1
57030	343	522	EB2	EB2
57060	385	613	ES69	ES69
57070	329	512	ES31	ES25
57080	452	757	BP8	ES34
57090	394	642	EB1	ES24
57130	369	597	S34	BP4
57140	405	653	ES61	ES69
57150	389	642	S34	S34
57160	329	512	EB1	ES113
57170	334	522	EB1	ES113
57180	354	567	S1	ES27
57210	312	483	S1	EB1
57220	317	488	ES34	EB2
57230	324	507	S1	ES113
57250	390	633	S34	EB2
57260	345	542	ES161	S34
57270	345	542	EB2	S34
57280	324	507	S1	ES34
57300	389	625	EB1	ES24
57310	319	485	ES34	ES34
57320	317	488	EB1	ES85
57330	364	582	ES61	ES83
57350	329	511	ES17	ES17
57360	334	522	ES34	EB2
57370	452	757	BP8	ES17

 type 3				
No.	min mm	max mm	top mounting	bottom mounting
57380	348	543	ES17	ES17
57400	359	582	S34	S34
57410	217	323	S1	BP4
57420	215	325	S1	ES17
57460	354	567	S32	ES34
57470	317	488	ES100	ES100
57480	348	543	BP18	EB1
57490	344	547	S1	ES25
57500	317	488	BP18	ES25
57520	372	585	BP18	EB1
57530	372	585	EB7	ES34
57550	344	542	EB1	ES34
57560	239	376	S1	ES17
57580	394	642	BP18	ES17
57600	399	652	ES34	ES34
57610	334	522	EB4	EB4
57620	399	652	EB4	EB4
57630	217	323	S1	ES39
57650	364	582	EB1	ES17
57660	330	512	ES161	S34
57690	277	430	S1	ES17
57700	239	376	S1	ES17
57710	312	483	S34	ES34
57750	452	757	EB1	EB1
57730	446	757	S1	BP4
57760	294	463	ES17	ES17
57770	452	757	ES25	EB4
57780	334	522	ES17	ES17
57790	399	652	EB7	ES34
57800	452	757	ES34	ES34
57810	395	647	S1	BP4
57820	294	463	ES34	EB2
57830	334	522	ES25	ES25
57840	452	757	EB1	ES25
57860	239	376	S1	ES39
57870	399	652	BP18	EB1
57880	384	620	S1	BP4
57890	239	376	S1	ES0
57900	446	757	S1	ES17
57910	372	585	BP8	ES34
57920	399	652	BP8	ES34
57930	389	625	BP8	ES17
57940	344	542	EB1	ES85
57980	400	636	ES69I	ES69I
57990	372	585	EB1	ES24
58090	314	480	S1	ES113
58100	349	552	ES31	ES25
58110	399	652	EB1	ES69
58120	335	522	S1	EB2
58130	329	517	S1	ES83
58140	239	376	S1	ES25
58150	389	637	S1	BP4
58160	394	641	ES61	ES83
58170	310	463	EB2	EB2
58180	239	376	S1	ES39

shock absorber specifications

 type 3				
No.	min mm	max mm	top mounting	bottom mounting
58190	383	596	ES61I	ES69I
58200	399	652	BP18	ES25
58210	349	552	EB1	ES34
58220	413	663	EB2	EB2
58240	390	626	S1	EB2
58250	462	767	ES61	ES69
58280	239	376	S1	ES69
58290	344	547	S1	EB1
58310	319	485	ES100	ES100
58320	318	488	S1	EB2
58330	340	523	ES162	ES69
58350	364	582	EB1	ES25
58360	365	582	S34	EB2
58370	329	517	S1	EB1
58380	299	452	EB1	EB1
58390	375	593	ES162	ES69
58400	294	463	ES25	ES25
58410	294	463	EB1	EB1
58420	359	572	EB1	ES34
58430	344	542	EB1	ES25
58440	334	522	EB1	ES25
58450	372	585	EB1	EB1
58460	294	463	ES31	ES25
58470	359	572	ES31	ES25
58490	348	543	BP18	ES25
58500	239	376	S1	BP4
58510	389	625	EB1	EB1
58520	369	592	EB1	ES25
58530	370	583	EB2	EB2
58540	327	506	S1	ES83
58560	270	440	S1	S1
58570	354	567	EB1	S34
58580	307	478	S34	S34
58590	317	488	EB1	ES113
58600	334	522	EB1	EB1
58610	395	647	S1	EB2
58620	299	452	ES17	ES17
58630	317	488	S1	ES113
58650	349	552	EB1	ES25
58680	365	582	S34	EB2
58690	370	592	S1	EB2
58710	395	647	S1	EB1
58720	452	757	EB7	ES34
58730	463	768	EB2	EB2
58740	400	636	EB2	EB2
58750	354	567	S1	BP4
58760	389	625	ES31	ES25
58770	405	653	EB2	EB2
58780	300	461	EB1	ES25
58790	348	543	EB1	EB1
58800	239	376	S1	ES34
58810	375	593	ES69	ES69
58820	389	625	BP18	ES25
58830	364	575	ES34	ES34
58850	371	595	S34	EB2

 type 3				
No.	min mm	max mm	top mounting	bottom mounting
58870	364	582	EB1	EB1
58880	359	577	S1	BP4
58890	401	649	EB1	EB1
58900	332	511	EB1	EB1
58910	332	511	ES34	ES34
58920	349	552	EB1	EB1
58940	375	593	ES144	ES144
58950	334	522	ES31	ES25
58960	329	512	EB1	ES85
58980	340	523	ES144	ES144
59100	389	625	ES61	ES83
59180	365	576	S34	ES69I
59190	378	591	BP18	ES69I
59200	329	513	EB1	ES85
59210	294	447	S1	EB1
59220	349	552	ES61	ES83
59230	334	542	BP18	ES25
59240	394	642	BP18	ES25
59250	390	626	S34	ES69I
59260	396	639	ES34	ES34
59270	374	602	BP8	ES34
59280	359	577	S32	ES34
59290	364	587	S1	BP4
59300	345	533	EB2	EB2
59310	360	572	EB2	S34
59320	447	752	S1	BP4
59330	328	513	S34	S34
59350	397	640	S34	ES69I
59360	332	511	ES17	ES17
59370	340	523	ES69	ES69
59380	383	596	EB2	EB2
59390	344	542	EB1	EB1
59400	344	547	EB1	S34
59420	299	450	S1	ES17
59430	332	511	EB1	ES85
59440	327	506	S1	EB1
59450	395	647	S1	ES25
59460	324	507	S1	EB1
59470	277	430	S1	EB1
59480	239	376	S1	ES17
59490	364	587	S1	EB1
59500	446	757	S1	ES25
59510	239	376	S1	ES113
59520	294	447	S1	EB1
59530	400	636	ES61I	ES69I
59540	360	572	S1	EB2
59550	334	532	S34	S34
59580	339	537	S1	EB1
59590	364	582	EB1	ES34
59610	375	593	EB2	EB2
59620	360	556	ES69	ES69
59640	324	512	S34	S34
59650	239	376	S1	ES17
59660	312	483	S1	ES83
59670	335	522	EB2	S1

shock absorber specifications

 type 3				
No.	min mm	max mm	top mounting	bottom mounting
59680	394	645	S32	ES34
59690	400	643	EB2	EB2
59700	324	507	S1	BP4
59710	324	507	S1	ES17
59730	364	587	S1	ES17
59740	387	610	EB2	EB2
59750	359	577	EB1	S34
59760	345	542	S1	EB2
59770	365	582	S1	EB2
59790	377	600	S1	EB2
59800	350	552	S1	EB2
59820	349	562	S34	S34
59830	318	488	EB2	S34
59840	370	592	ES161	S34
59860	399	652	EB1	EB1
59870	335	523	ES161	S34
59880	375	602	S34	EB2
59890	399	652	EB7	ES34
59900	399	652	BP8	ES34
59910	329	512	ES34	EB2
59920	349	534	ES167	ES167
59930	365	576	S1	ES158
59940	410	663	EB2	EB2
59950	355	553	ES61	ES69
59970	332	511	ES34	EB2
59980	329	517	S1	BP4

 type 4				
No.	min mm	max mm	top mounting	bottom mounting
54430	360	557	EB2	ES69I
54440	368	583	S34	ES69I
54450	378	593	EB2	ES69I
54460	393	633	ES110	S34
54470	368	583	ES110	S34
54480	375	597	S34	ES167
54490	393	633	S34	ES167
54500	357	572	S34	S34
54510	375	597	S34	EB2
54520	401	639	EB2	EB2
54530	337	532	S34	S34
54540	352	562	S34	S34
54550	413	663	EB2	EB2
54560	403	643	ES61	ES69I
54570	403	643	EB2	EB2
54580	350	541	ES161	S34
54590	444	724	EB2	EB2

 type 4				
No.	min mm	max mm	top mounting	bottom mounting
54220			projected	
54230			projected	
54240	378	593	ES69	ES69
54260	408	658	BP18	ES69I
54280	407	672	S34	S34
54290	403	653	S34	EB2
54300	392	642	S34	S34
54310	393	633	S34	EB2
54320	337	532	S34	S34
54330	348	543	EB2	S34
54340	352	562	S34	S34
54350	363	573	EB2	S34
54360	382	622	S34	S34
54370	393	633	EB2	S34
54380	339	536	S34	S34
54390	350	547	EB2	S34
54400	354	572	S34	S34
54410	368	583	EB2	S34
54420	350	547	S34	ES69I

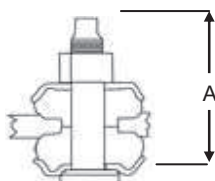
				
No.	min mm	max mm	top mounting	bottom mounting
52010	301	491	S1	EB1
52020	315	491	EB1	EB1
52030	391	671	S1	ES25
52040	333	528	EB1	ES25
52050	370	601	EB1	ES25
52060	341	571	S1	BP4
52070	350	561	BP18	ES25
52080	370	601	EB1	EB1
52090			projected	
52100	369	617	S34	ES69
52110	374	617	BP18	ES69

Stoßdämpfer Messpunkte - Shock absorber measuring points - points de mesures d'amortisseur - Medidas de los amortiguadores - punti di misurazione ammortizzatori

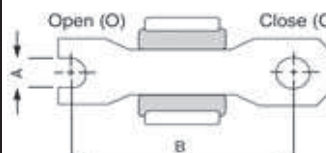


min = Länge gestaucht * compressed length * longueur compressée * Medida en compresión * lunghezza in compressione
max = Länge ausgefahren * extended length * longueur détendue * Medida en extensión * lunghezza in estensione

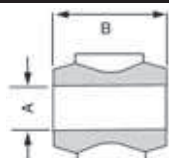
Stoßdämpferbestückungen Erklärungen & Abmessungen - Shock absorber mountings explanations & measurements - explications pour le montage des amortisseurs et dimensions -Anclajes de amortiguadores, medidas & especificaciones - Ammortizzatori: Fissaggi, Misure e Specifiche



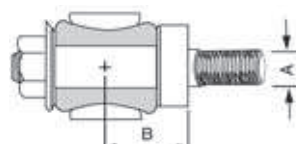
S1	M10 A = 53 mm
S32	M10 A = 53 mm
S34	M12 A = 64 mm



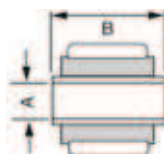
BP4 (C)	A = 8,8 mm B = 65 mm
BP8 (C)	A = 8,5 mm B = 72,3 mm
BP18 (O)	A = 9,9 mm B = 82,5 mm



EB1	A = 16 mm B = 36 mm
EB4	A = 17,5 mm B = 36 mm



EB7	A = 16 mm
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Code	A	B	Code	A	B	Code	A	B
ES17	12,0	32,0	ES61	12,0	46,2	ES117	14,0	54,0
ES21	12,0	58,0	ES65	12,0	35,0	ES144	14,5	50,0
ES24	12,7	34,9	ES69	12,0	40,0	ES153	14,0	40,0
ES25	12,7	37,3	ES83	12,0	37,6	ES158	14,0	48,5
ES27	12,7	41,0	ES85	12,0	60,0	ES161	16,0	70,0
ES31	14,5	57,1	ES100	16,0	48,0	ES167	16,0	58,0
ES34	14,5	39,9	ES110	16,0	40,0	ES172	14,5	59,0
ES39	10,0	35,0	ES113	16	35,1	ES173	14,5	80,0

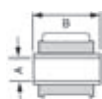
(all measurements in mm)



Pin - stem - tige - espiga - perno



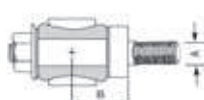
Bolzen - bar pin - barett - pletina de 2 tornillo



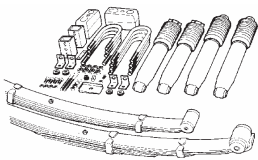
Auge mit Hülse - eye bushing with sleeve - SilentBloc manchonné pour oeil - ojal con silentbloc y tubo reductor - boccola per occhio con cilindretto in acciaio

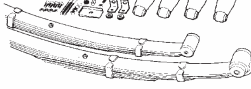


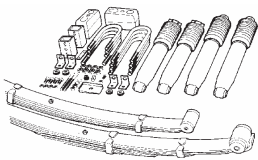
Auge - eye - SilentBloc pour oeil - ojal con silentblock



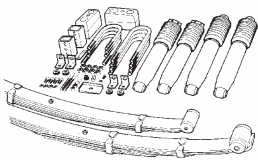
Auge m. Bolzen - eye bushing with bolt - SilentBloc avec boulonnerie pour oeil - ojal con silentbloc y tornillo - boccola per occhio con bullone



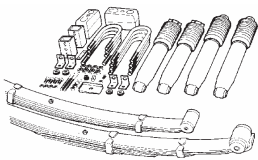
											
				byMaas				05.2014			
		mm	TÜV	System	front			rear			
AMC Jeep											
Jeep CJ5 / CJ7	76-86	+65	o.k.	S01239		2	58600		2	58450	
						2	77012		2	77112	
									1	17779	
Jeep CJ5 / CJ7	76-86	+100	o.k.	SCB01429		1	52080		1	52080	
(only for vehicles with power steering)						2	77015		2	77115	
						1	PA30		1	17804	
*											
Chevrolet / GMC											
Blazer, Jimmy, Pickup K5 (1/2 ton)	73-76	+100	---	S07419		2	58470		2	58720	
						2	77023		1	17837	
Blazer, Jimmy, Suburban K5 (1/2 ton)	76-91	+100	---	S07429		2	58470		2	58720	
						2	77023		1	17838	
Blazer, Suburban K20 (3/4 t)	76-91	+100	---	S07459		2	58470		2	58720	
						2	77023		2	77149	
									1	17871	
Blazer, Suburban K20 (3/4 t)	76-91	+200	---	S07829		2	58760		2	58720	
						2	77046		2	77147	
									1	17868	
Pickup K10 (1/2 ton)	76-87	+100	---	S07429		2	58470		2	58720	
						2	77023		1	17838	
Pickup K10 (1/2 ton)	76-87	+100	---	S07449		2	58470		2	58720	
						2	77023		2	77148	
									1	17870	
Pickup K20 (3/4 t)	76-87	+100	---	S07459		2	58470		2	58720	
						2	77023		2	77149	
									1	17871	
Pickup K20 (3/4 t)	76-87	+200	---	S07829		2	58760		2	58720	
						2	77046		2	77147	
									1	17868	
Chrysler Jeep											
Commander XK, XH	05-	+50	o.k.	S05219		1			2	57140	
Cherokee											
Cherokee XJ (Axle-Ø 71 mm)	84-01	+50	o.k.	S08279		2	58750		2	57480	
						1	76041		2	77155	
						1	13651		1	15839	
Cherokee XJ (Axle-Ø 71 mm) (HD front spring)	84-01	+50	o.k.	S08289		2	58880		2	57480	
						1	76003		2	77155	
						1	13651		1	15839	
Cherokee XJ (Axle-Ø 71 mm)	84-01	+75	o.k.	S08319		2	57880		2	57520	
						1	76051		2	77143	
									1	17866	
Cherokee XJ (Axle-Ø 71 mm) (left-hand drive models only)	84-01	+115	o.k.	S08519		2	57810		2	57870	
						1	76039		2	77174	
						1	83402		1	17687	
Cherokee / Liberty KJ	02-08	+50	o.k.	S53219			---		2	58190	
						1	76042		1	76142	
Grand Cherokee											
Grand Cherokee ZJ, ZG, sport	92-98	+50	o.k.	S08239		2	58880		2	58350	
						1	76003		1	76120	
									1	17873	
Grand Cherokee ZJ, ZG, comfort	92-98	+50	o.k.	S08299		2	59290		2	57990	
						1	76003		1	76120	
									1	17873	
Grand Cherokee ZJ, ZG, sport	92-98	+75	---	S08359		2	57880		2	57300	
						1	76072		1	76172	
									1	17873	



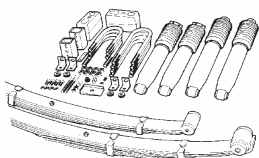
		mm	TÜV	System	front			rear		
Grand Cherokee WJ, WG (Gas)	99-04	+50	o.k.	S08339		2	56720		2	57330
Grand Cherokee WJ, WG (Diesel)	99-04	+50	o.k.	S08349		1	76047		1	76147
Grand Cherokee WK, WH	05-	+50	o.k.	---						
Wrangler										
Wrangler JK (spacer kit)	07-	+50	o.k.	S05229		2	56660		2	59190
									1	17783
Wrangler JK, short , Gas, all	07-	+50	o.k.	SCB05259-1		2	52100		2	52110
						1	76097		1	76196
										17877
Wrangler JK, short , Diesel, all	07-	+50	o.k.	SCB05259-2		2	52100		2	52110
						1	76096		1	76196
										17877
Wrangler JK, long , Gas, all	07-	+50	o.k.	SCB05259-3		2	52100		2	52110
						1	76096		1	76194
										17877
Wrangler JK, long , Diesel, all	07-	+50	o.k.	SCB05259-4		2	52100		2	52110
						1	76094		1	76194
										17877
Wrangler JK, short , Gas (incl. Rubicon)	07-	+75	o.k.	S05359-07		2	59250		2	56790
						1	76094		1	76199
						1	83412		1	17699
Wrangler JK, short , Diesel (incl. Rubic.)	07-	+75	o.k.	S05359-05		2	59250		2	56790
						1	76099		1	76199
						1	83412		1	17699
Wrangler JK, long , Gas (incl. Rubicon)	07-	+75	o.k.	S05359-03		2	59250		2	56790
						1	76064		1	76164
						1	83412		1	17699
Wrangler JK, long , Diesel (incl. Rubicon)	07-	+75	o.k.	S05359-01		2	59250		2	56790
						1	76095		1	76164
						1	83412		1	17699
Wrangler JK, short (not Rubicon)	07-	+100	o.k.	S05429		2	59250		2	56790
						1	76064		1	76164
									1	17869
Wrangler JK, short (Rubicon only)	07-	+100	o.k.	S05449		2	59250		2	56790
						1	76064		1	76164
									1	17808
Wrangler JK, long (not Rubicon)	07-	+100	o.k.	S05439		2	59250		2	56790
						1	76065		1	76165
									1	17869
Wrangler JK, long (Rubicon only)	07-	+100	o.k.	S05459		2	59250		2	56790
						1	76065		1	76165
									1	17808
Wrangler TJ (spacer kit)	96-	+50	o.k.	S04219		2	58750		2	58490
									1	17800
Wrangler TJ	96-	50	o.k.	SCB04229		2	52060		2	52070
						1	76076		1	76176
									1	16859
Wrangler TJ	96-02	+75	o.k.	S04319		2	58750		2	58490
						1	76077		1	76177
									1	17809
Wrangler TJ	03-06	+75	o.k.	S04329		2	58750		2	58490
						1	76077		1	76177
									1	17798



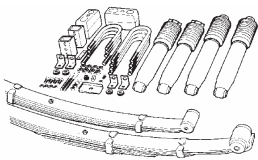
		mm	TÜV	System	front			rear		
Wrangler TJ, 4 cyl.	96-02	+100	o.k.	S04459		2	59290		2	58820
						1	76037s		1	76137
									1	17801
Wrangler TJ, 6 cyl.	96-02	+100	o.k.	S04449		2	59290		2	58820
						1	76037		1	76137
									1	17801
Wrangler TJ, 4 cyl.	03-06	+100	o.k.	S04479		2	59290		2	58820
						1	76037s		1	76137
									1	17785
Wrangler TJ, 6 cyl.	03-06	+100	o.k.	S04469		2	59290		2	58820
						1	76037		1	76137
									1	17785
Wrangler YJ	86-95	+50	o.k.	SCB04139		1	52030		1	52040
						2	77107		2	77107
									1	17789
Wrangler YJ	86-95	+100	o.k.	SCB04429		1	52030		1	52050
						2	77031		2	77131
									1	17803
Daihatsu										
Feroza, F300	88-97	+35/50	o.k.	S14219		2	59650		2	57210
									1	31510
Dodge										
Pickup W200, Military	69-91	+100	---	S26439		2	57620		2	57770
						2	77024		1	31549
						1	16797		1	15794
									1	16815
Ford										
Maverick, short, UDS/UNS	93-98	+25/50	o.k.	S47219		2	57700		2	58510
									1	76146
Maverick, long, UDS/UNS	93-98	+25/50	o.k.	S47229		2	57700		2	58510
									1	76102
Maverick, short, UDS/UNS	93-98	+50/80	o.k.	S47329		2	57700		2	58890
						1	17875		1	76102
Maverick, long, UDS/UNS	93-98	+50/80	o.k.	S47319		2	57700		2	58890
						1	17875		1	76160
Hyundai										
Galopper II short, <i>sport</i>	98-	+30/60	o.k.	S15259		2	58500		2	57160
						1	16746		1	76106k
Galopper II long, <i>sport</i>	98-	+30/60	o.k.	S15229		2	58500		2	57160
						1	16746		1	76106
Isuzu										
Campo 4WD	88-91	+25/50	o.k.	S41249		2	57700		2	58450
						1	16735		2	77106
Trooper, UBS 13/16/52	83-86	+50	---	S27219		2	57700		2	58450
						1	16735		2	77106
Trooper, UBS 17/55	86-	+50	---	S27229		2	57700		2	58710
						1	16735		2	77106
Trooper	00-	+25/50	o.k.	S44219		2	57700		2	57360
						1	16736		1	76122
Iveco										
Massif 5-door	08-	+50	o.k.	S31219		2	57030		2	56940
						2	77059		2	77159
									1	17729
Massif 3-door	08-	+50	o.k.	S31229		2	57030		2	56940
						2	77059		2	77164
									1	17876



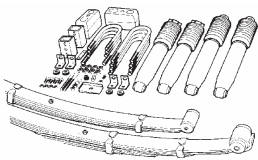
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		mm	TÜV	System	front			rear				
Lada												
Niva, 2121, <i>comfort</i>	76-09	+50	o.k.	S33219		2	57860		2	59430		
						1	76061		1	76161		
									1	16858		
Niva, 2121, <i>sport</i>	76-09	+50	o.k.	S33229		2	58180		2	59200		
						1	76061		1	76161		
									1	16858		
Niva, 4x4 M 2121-4, <i>comfort</i>	10-	+50	o.k.	S33239		2	57860		2	56810		
						1	76061		1	76161		
						1	16862		1	16858		
Niva, 4x4 M 2121-4, <i>sport</i>	10-	+50	o.k.	S33249		2	58180		2	56820		
						1	76061		1	76161		
						1	16862		1	16858		
Land Rover												
Defender 90	84-	+50	o.k.	S30219		2	54400		2	54410		
						1	76014		1	76114		
Defender 110	83-	+40	o.k.	S30229		2	54400		2	54410		
						1	76014		1	76156		
Defender 130	91-	+30	o.k.	S30229		2	54400		2	54410		
						1	76014		1	76156		
Discovery I	90-98	HD +20	o.k.	S30119		2	54380		2	54390		
						1	76013		1	76113		
Discovery I	90-98	+50	o.k.	S30219		2	54400		2	54410		
						1	76014		1	76114		
Range Rover Classic	70-94	HD +20	o.k.	S30119		2	54380		2	54390		
						1	76013		1	76113		
Range Rover Classic	70-94	+50	o.k.	S30219		2	54400		2	54410		
						1	76014		1	76114		
Mercedes												
Mercedes G (not 400 CDI)	79-	HD +40	---	S52210**		1	76034		1	76134		
		HD +40	ok	S52219		2	54460		2	54480		
						1	76034		1	76134		
Mitsubishi												
Pickup L200, KAOT	06-	50/60	o.k.	S57239		2	50110		2	54220		
						1	76090		2	77162		
									1	17692		
Pickup L200, KAOT (rear block kit)	06-	50/50	o.k.	S57249		2	50110		2	54220		
						1	76090		1	17697		
	06-	65/75	o.k.	S57319		2	50111		2	54220		
						1	76090		2	77173		
									1	17694		
Pickup L200, K7_T 4WD	9/96-4/06	+30/50	o.k.	S57229		2	57700		2	58890		
						1	17865		2	77150		
Pickup L200, K2_T, K3_T	87-8.96	+30/50	o.k.	S57219		2	58500		2	58510		
						1	17865		2	77150		
Galopper short, <i>sport</i>	8/98-	+30/50	o.k.	S15259		2	57410		2	57160		
						1	16746		1	76106k		
Galopper long, <i>sport</i>	8/98-	+30/50	o.k.	S15229		2	57410		2	57160		
						1	16746		1	76106		
Pajero (L040) 	82-12.91	+30/70	o.k.	S10219		2	58500		2	58450		
						1	16775		2	77103		
Pajero V6 short (L040), <i>sport</i>	88-91	+30/50	o.k.	S15259		2	57410		2	57160		
						1	16746		1	76106k		

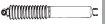
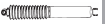
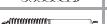
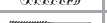
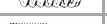


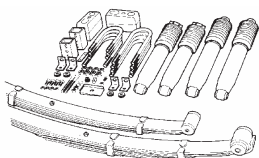
		mm	TÜV	System	front			rear		
Pajero V6 long (L040), sport	88-91	+30/50	o.k.	S15229		2	57410		2	57160
						1	16746		1	76106
Pajero V20 short	91-00	+30/50	o.k.	S15249		2	57420		2	58090
						1	16746		1	76106k
Pajero V20 long	91-00	+30/50	o.k.	S15239		2	57410		2	58090
						1	16746		1	76106
Nissan										
Navara D40	05-	+40/60	o.k.	S09259		2	50050		2	56580
(with new leaf spring)						1	76092		2	77166
									1	17880
Navara D40 (rear block kit)	05-	+40/50	o.k.	S09249		2	50050		2	56580
						1	76092		1	17879
Navara D40	05-	+40/60	o.k.	S09269		2	50050		2	56580
(with new HD spring, +300kg)						1	76092		2	77169
									1	17690
Patrol 160, K160, WG160, VG160	80-83	+60	o.k.	S13229		2	58580		2	58570
						2	77001		2	77101
									1	17778
Patrol 160, K160, WG160, VG160	83-89	+60	o.k.	S13219		2	58580		2	58570
						2	77001		2	77101
									1	17773
Patrol K260, W260	90-	+60	o.k.	S13239		2	59550		2	58890
						2	77021		2	77101
									1	17773
Patrol GR, Y60, short	8/87-9/97	+60	o.k.	S16229		2	54530		2	54520
						1	76004		1	76104
						1	16757		1	16826
Patrol GR, GY60, long	8/87-9/97	+60	o.k.	S16219		2	54530		2	54520
						1	76004		1	76104
						1	16757			
Patrol GR, Y61, short, comfort	10/97-	+60	o.k.	S16249		2	54530		2	54520
						1	76036		1	76136
									1	16856
Patrol GR, Y61, short, sport	10/97-	+60	o.k.	S16269		2	54380		2	54570
						1	76036		1	76136
									1	16856
Patrol GR, GY61, long, comfort	10/97-	+60	o.k.	S16239		2	54530		2	54520
						1	76036		1	76136
									1	16826
Patrol GR, GY61, long, sport	10/97-	+60	o.k.	S16259		2	54380		2	54570
						1	76036		1	76136
									1	16826
Pickup, (M)D21	9/85-2/98	+25/65	o.k.	S09219		2	57420		2	58450
						1	17812		2	77104
Pickup, (M)D22, NP300	3/98 -	+25/65	o.k.	S09239		2	57420		2	58450
						1	17812		2	77104
Terrano I, WD21	86-9/95	+25/50	o.k.	S11219		2	57700		2	58450
						1	16750		1	76102
Terrano II, short, R20	2/93-07	+25/50	o.k.	S47219		2	57700		2	58510
									1	76146
Terrano II, long, R20	2/93-07	+25/50	o.k.	S47229		2	57700		2	58510
									1	76102
Terrano II, short, R20	2/93-07	+50/80	o.k.	S47329		2	57700		2	58890
						1	17875		1	76102

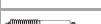


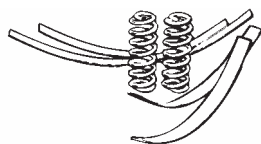
		mm	TÜV	System	front			rear		
Terrano II, long, R20	2/93-07	+50/80	o.k.	S47319		2	57700		2	58890
						1	17875		1	76160
Opel										
Campo 4WD, TF	92-	+25/50	o.k.	S41249		2	57700		2	58450
						1	16735		2	77106
Frontera A, 4WD	92-95	+25/50	o.k.	S41219		2	57700		2	58870
						1	16735		2	77106
Frontera A, short	95-97	+25/50	o.k.	S41259		2	59650		2	57360
									1	76185
Frontera A, long	95-97	+25/50	o.k.	S41239		2	59650		2	57360
									1	76148
Frontera B, short	98-04	+25/50	o.k.	S41269		2	59650		2	57280
									1	76185
Frontera B, long	98-04	+25/50	o.k.	S41229		2	59650		2	57280
									1	76148
Monterey	92-00	+25/50	o.k.	S44219		2	57700		2	57360
						1	16736		1	76122
Suzuki										
Jimny (gas) with ABS <i>sport</i>	98-	+50	o.k.	S54219		2	57690		2	57350
						1	76043		1	76143
Jimny (gas) with ABS <i>comfort</i>	98-	+50	o.k.	S54259		2	56730		2	59360
						1	76043		1	76143
Jimny (gas) without ABS <i>sport</i>	98-	+50	o.k.	S54229		2	57690		2	57350
						1	76043		1	76143
									1	16857
Jimny (gas) without ABS <i>comfort</i>	98-	50	o.k.	S54279		2	56730		2	59360
						1	76043		1	76143
									1	16857
Jimny (diesel) with ABS <i>sport</i>	98-	+50	o.k.	S54239		2	57690		2	57350
						1	76053		1	76143
Jimny (diesel) with ABS <i>comfort</i>	98-	+50	o.k.	S54269		2	56730		2	59360
						1	76053		1	76143
Jimny (diesel) without ABS <i>sport</i>	98-	+50	o.k.	S54249		2	57690		2	57350
						1	76053		1	76143
									1	16857
Jimny (diesel) without ABS <i>comfort</i>	98-	+50	o.k.	S54289		2	56730		2	59360
						1	76053		1	76143
									1	16857
Samurai, SJ 410, SJ 413 <i>sport</i>	85-	+50	o.k.	S02219		2	59520		2	58600
short (gas)						2	77018		2	77118
									1	17863
Samurai, SJ 410, SJ 413 <i>comfort</i>	85-	+50	o.k.	S02229		2	59520		2	58900
short (gas)						2	77018		2	77118
									1	17863
Samurai, SJ 410, SJ 413 <i>comfort</i>	85-	+50	o.k.	S02249		2	59520		2	58900
short (diesel)						2	77060		2	77118
									1	17863
Samurai, SJ 410, SJ 413 <i>comfort</i>	85-	+50	o.k.	S02239		2	59520		2	58900
long (gas)						2	77018		2	77160
									1	17863
Samurai, SJ 410, SJ 413 <i>comfort</i>	85-	+50	o.k.	S02259		2	59520		2	58900
long (diesel)						2	77060		2	77160
									1	17863



		mm	TÜV	System	front			rear		
Samurai, SJ 410, SJ 413 <i>sport</i> (except diesel)	85-	+70	o.k.	S02319		2	59520		2	58600
						1	31505		1	31505
									1	17863
Samurai, SJ 410, SJ 413 <i>comfort</i> (except diesel)	85-	+70	o.k.	S02329		2	59520		2	58900
						1	31505		1	31505
									1	17863
Samurai, SJ 410, SJ 413 <i>sport</i> (except diesel) (only for vehicles without power steering)	85-	+80	o.k.	S02379		2	58370		2	59390
						2	77051		2	77151
									1	17854
Samurai, SJ 410, SJ 413 <i>comfort</i> (except diesel) (only for vehicles without power steering)	85-	+80	o.k.	S02369		2	59440		2	58790
						2	77051		2	77151
									1	17854
Grand Vitara										
New Grand Vitara (JT)	05-	+50	o.k.	S18239					1	76154
						1	16774		2	59630
Grand Vitara (FT,GT), short	98-05	+35	o.k.	S17160**		1	76078		1	76150
		+35	o.k.	S17169		2	50501		2	59660
						1	76078		1	76150
Grand Vitara (FT,GT), long (notXL7)	98-05	+35	o.k.	S17150**		1	76050		1	76150
		+35	o.k.	S17159		2	50501		2	59660
						1	76050		1	76150
Vitara										
Vitara Long	91-98	+35	o.k.	S17130**		1	76044		1	76150
		+35	o.k.	S17139		2	50501		2	59660
						1	76044		1	76150
Vitara Long	91-98	+50	o.k.	S17239		2	50504		2	58130
						1	76074		1	76187
									1	17872
Vitara Long (V6+Diesel)	91-98	+35	o.k.	S17160**		1	76078		1	76150
		+35	o.k.	S17169		2	50501		2	59660
						1	76078		1	76150
		+50	o.k.	S17249		2	50504		2	58130
						1	76050		1	76187
									1	17874
Vitara	88-98	+35	o.k.	S17120**		1	76044		1	76144
		+35	o.k.	S17129		2	50501		2	59660
						1	76044		1	76144
		+50	o.k.	S17219		2	50504		2	58130
						1	76074		1	76150
									1	17872
(50mm suspension + 50mm bodylift)		+100	o.k.	S17419		2	50504		2	58130
						1	76074		1	76150
						1	99250		1	17872
Vitara (V6+Diesel)	89-98	+35	o.k.	S17140**		1	76074		1	76144
		+35	o.k.	S17149		2	50501		2	59660
						1	76074		1	76144
		+50	o.k.	S17229		2	50504		2	58130
						1	76050		1	76150
									1	17874
(50mm suspension + 50mm bodylift)		+100	o.k.	S17429		2	50504		2	58130
						1	76050		1	76150
						1	99250		1	17874



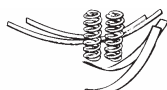
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		mm	TÜV	System	front			rear				
Toyota												
4 Runner	8/89-96	+50/60	o.k.	S19219		2	59510		2	58690		
						1	16749		1	76111		
Hilux 4 WD 	79-83	+85	---	S03329		2	59710		2	58450		
					 r.	1	77652		1	31552		
					 l.	1	77052		1	17730		
Hilux 4 WD 	84-97	+85	---	S03339		2	59710		2	58740		
					 r.	1	77652			31552		
					 l.	1	77052		1	17730		
Hilux 4 WD IFS	86-97	+100	o.k.	S03419		2	58630		2	58740		
						1	TPF		1	TPR		
Landcruiser FJ40, BJ40 Softtop	69-80	+60	o.k.	S06219		2	58600		2	58890		
					 r.	2	77013	 r.	1	77613		
						1	17780	 l.	1	77113		
Landcruiser BJ42 Softtop	80-84	+60	o.k.	S06229		2	58600		2	58890		
					 r.	2	77013	 r.	1	77613		
						1	17781	 l.	1	77113		
Landcruiser HJ60-61	80-85	+75	o.k.	S12319		2	58690		2	58450		
					 r.	1	77605		2	77105		
					 l.	1	77005		1	17777		
Landcruiser HJ60-61	85-90	+75	o.k.	S12329		2	58690		2	58530		
					 r.	1	77605		2	77105		
					 l.	1	77005		1	17777		
Landcruiser BJ/FJ 70-73	84-89	+70	---	S46319		2	58690		2	59380		
					 r.	2	77008		2	77108		
									1	17777		
Toyota												
Landcruiser HZJ/PZJ 70-73	90-99	+60	---	S46319		2	58690		2	59380		
					 r.	2	77008		2	77108		
									1	17777		
Landcruiser LJ/RJ70-73	10.85-89	+50	o.k.	S46219		2	59550	 r.	1	58530		
								 l.	1	58320		
						1	76019		1	76119		
Landcruiser KJ/LJ/RJ70-73-77	1.90-4.96	+50	o.k.	S46229		2	57260		1	57270		
comfort						1	76045		1	76145		
Landcruiser KJ/LJ/RJ70-73-77	1.90-4.96	+50	o.k.	S46239		2	54580		1	54390		
sport						1	76045		1	76145		
Landcruiser J8/J105	90-98	+75	o.k.	S58319		2	54300		2	54310		
						1	76068		1	76168		
									1	17774		
RAV4 SX, XA	94-00	+40	o.k.	S49219		1	17791		2	58710		
									1	76131		
Volkswagen												
T3 Syncro	84-92	+40	o.k.	S60219		2	50080		2	57980		
						1	76081		1	76181		
T3 Syncro, HD 400kg etra load	84-92	+40	o.k.	S60229		2	50090		2	57060		
						1	76081		1	76183		
Taro 4 WD	89-97	+100	o.k.	S03419		2	58630		2	58740		
						1	TPF		1	TPR		



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05.2014

		mm		TÜV			
Chrysler Jeep							
Grand Cherokee ZJ	92-98	-40	B	o.k.	S08269	 2 59700	 2 58430
						 1 76008	 1 76121
Cherokee XJ	84-	-40/-45	G	o.k.	S08229	 2 59700	 2 56920
						 1 76008	 2 77114
							 1 13651
Ford							
Maverick	93-	-25/-50	E	o.k.	S11229	 2 57560	 2 58790
							 1 76105
Maverick	93-	-50/-80	E	o.k.	S47419	 2 57560	 2 58600
							 1 76128
							 1 8202
Nissan							
Terrano I, Terrano II	86-	-25/-50	E	o.k.	S11229	 2 57560	 2 58450
							 1 76105
Terrano II	2/93-11/04	-50/-80	E	o.k.	S47419	 2 57560	 2 58600
							 1 76128
							 1 8202
Opel							
Campo 2 WD	88-	-20/-50	L	o.k.	S43219	 2 57420	 2 58450
							 1 16737
Frontera 4WD	92-95	-25/-50	L	o.k.	S41259	 2 59650	 2 58790
						1 2358	 1 16737
Campo 4 WD	92-	-25/-50	L	o.k.	S41259	 2 59650	 2 58790
						1 2358	 1 16737
Monterey, long	92-	-25/-50	E	o.k.	S44229	 2 57700	 2 57820
							 1 76123
Monterey, short	92-	-25/-50	E	o.k.	S44239	 2 57700	 2 57820
							 1 76123k
Suzuki							
Vitara (not Grand Vitara)	89-	-40		o.k.	76207	 76207	
Toyota							
4 Runner	90-	-30/-45	E	o.k.	S19229	 2 59510	 2 58320
							 1 76110
RAV4, short	90-00	-35		o.k.	S49110	 1 76030	 1 76130



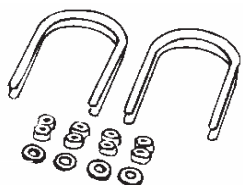
Tieferlegungsfahrwerke - suspension lowering kits - ensemble de rebaisser -
Suspensión - rebajada - Sospensioni - Abbassandosi



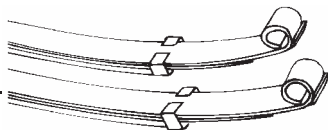
leaf springs			with frame bushings		without frame bushings		
			front	rear	front	rear	
AMC Jeep							
Jeep CJ5, CJ7, Scrambler	76-86	tm / OE	13822	13823			
Chevrolet / GMC							
Blazer, Jimmy K5 (+200 mm)	77-91					13645	
Chrysler Jeep							
Wrangler YJ	86-95	tm springs	13827	13827	13825	13825	
Cherokee XJ	84-01	tm / OE		13651			
Daihatsu							
Feroza	88-97			13647			
Rocky	84-		13641	13647			
Isuzu							
Trooper, UBS	83-91	tm / OE		13653			
Iveco							
Massif	08-	tm springs			13660	13660	
Mitsubishi							
L200	87-05	tm springs		13654			
L200	06-	tm springs		13654			
Pajero L040	82-			13655			
Nissan							
MD21/22 Pickup	86-			13656			
Navara D40	11/05-			13636			
Patrol K160/K260	80-	tm / OE		13657	13818	13819	
Opel							
Campo/Frontera	92-95	tm / OE		13653			
Suzuki							
Samurai SJ 410/413	85-	tm / OE	13648	13648			
Toyota							
Landcruiser BJ/FJ 40	75-80	tm springs	13635	13635	13652	13652	
Landcruiser BJ/FJ 40	75-80	OE springs	13662	13662	13661	13661	
Landcruiser BJ/FJ 42	80-86	tm / OE	13816	13816			
Landcruiser HJ 60/61	84-89	tm / OE	13816	13816			
Landcruiser BJ/FJ 70-73	84-89	tm / OE	13816	13816			
Landcruiser HZJ/PZJ 70-73-75	84-89	tm / OE	13816	13816			
Hilux Pickup	79-97	tm / OE		13639	13640		
Hilux Pickup IFS	86-05	tm / OE		13659			
VW Taro	89-97	tm / OE		13659			

coil springs		front axle			rear axle		
		axle	frame	caster kit	axle	frame	
Land Rover							
Defender 90, 110, 130	83-			13633			
Nissan							
Patrol GR, Y60	87-97			13634			
Patrol GR, Y61	97-			13634			
Suzuki							
Jimny	98-			13632			

Jimny trailing arm	98-	13828			13828		
Toyota							
Land Cruiser J8/J105	90-98			13634			
Land Cruiser 76				13634			
Land Cruiser HZJ78/79	99-			13634			
Land Cruiser HZJ71 / HZJ74				13634			
Land Cruiser FZJ78, HDJ78/79	99-			13634			



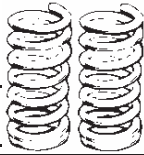
		front	rear	mm
AMC Jeep				
Jeep CJ5, CJ7, Scrambler	76-86	15802	15841	
Chrysler Jeep				
Cherokee XJ (Axle-Ø 71)	84-01		15839	
Cherokee XJ (Axle-Ø 76)	84-01		15842	
Wrangler YJ	86-95	15851	15852	
Chevrolet				
Blazer Jimmy, K5	73-76	15795	15869	
Blazer Jimmy, K5, Suburban	76-91	15649	15869	 OE / +100
			15796	 +100
Pickup K30, Military	73-87	15813		
			15794	+100
Daihatsu				
Feroza	88-97		15769	
Rocky	84-	15854	15769	
Dodge				
W200 Pickup, Military	69-93		15794	+100
Isuzu				
Trooper	82-92		15817	
Iveco				
Massif	08-	15834	15834	+50
Mitsubishi				
L200 Pickup	5/06 -		15873	
L200 Pickup	5/06 -		15871	 +50 (incl. Blocks)
L200 Pickup	87- 4/06		15793	
L040	82-91		15842	
Nissan				
Navara D40	05-		15876	
			15832	only for 77169
			15877	+50 (for block kit)
			15870	 +50 (incl. Blocks)
MD21/22 Pickup	86-		15805	
			15824	+75
Patrol K160	80-83	15845	15846	
Patrol K160/K260	83-	15845	15846	
Opel				
Campo/Frontera	92-95		15817	
Suzuki				
Samurai, SJ 410/413	85-	15768	15769	
Toyota				
Hilux 4WD 	79-	15832	15832	
Hilux 4WD IFS	86-97		15824	+75
Hilux 4WD	97-05		15832	
Hilux 4WD	05-		15832	
Landcruiser BJ/FJ 40	75-80	15833	15834	
Landcruiser BJ/FJ 42	80-86	15835	15836	
Landcruiser HJ60/61	80-89	15847	15848	
Landcruiser BJ/FJ 70/73	85-89	15847	15848	
Landcruiser HZJ/PZJ 70/73/75	90-99	15847	15848	
VW				
Taro 4WD	89-97		15824	
Universal kits				
4x715			15824	
4x712			15831	
4x730			15832	



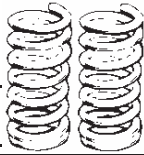
		front	mm	rear	mm
AMC Jeep					
Jeep CJ5/CJ7, Scrambler	76-86	77012	+65	77112	+65
		77015	+100	77115	+100
Chevrolet / GMC					
Blazer Jimmy, K5	73-91	77023	+100		
Blazer Jimmy, K5 (1/2 + 3/4 ton)	77-91	77046	+200		
Blazer Jimmy, K5 (1/2 ton)	77-91			77146	+200
Blazer Jimmy, K5 (3/4 ton)	77-91			77147	+200
Blazer Jimmy, K5 (3/4 ton)	77-91			77149	+100
Pickup K30, Military	73-87	77023	+100		
Chrysler Jeep					
Cherokee XJ	84-01			77114	-45
Cherokee XJ	84-01			77126	OE
	84-01			77155	+50
	84-01			77143	+75
	84-01			77174	+115
Wrangler YJ	86-95	77107	+50	77107	+50
Wrangler YJ	86-95	77031	+100	77131	+100
Dodge					
W200 Pickup, Military	69-93	77024	+100		
Isuzu					
Trooper UBS	83-91			77106	+50
Iveco					
Massif (5-door, not 3-door, not Santana)	08-	77059	+50	77159	+50
Massif (3-door, Santana)	08-	77059	+50	77164	+50
Mitsubishi					
L200	87-96			77150	+50
L200	96-01			77150	+50
L200, KAOT	06-			77170	OE
L200, KAOT, 300kg permanent load/axle	06-			77171	OE/HD
L200, KAOT, 600kg permanent load/axle	06-			77172	OE/HD
L200, KAOT	06-			77162	+60
L200, KAOT, 300kg permanent load/axle	06-			77163	+60/HD
L200, KAOT	06-			77173	+75
Pajero	82-			77103	+70
Nissan					
MD21 Pickup + MD22	86-			77104	+65
Navara D40	11/05-			77154	OE/HD
Navara D40 300kg permanent load/axle	11/05-			77156	OE/HD
Navara D40 600kg permanent load/axle	11/05-			77161	OE/HD
Navara D40	11/05-			77166	+60
Navara D40 300kg permanent load/axle	11/05-			77169	+60
Patrol K160	80-89	77001	+60	77101 / 77101.561 (HD)	+60
Patrol K260	90-	77021	+60	77101 / 77101.561 (HD)	+60
Opel					
Campo/Frontera	92-			77106	+50
Suzuki					
Samurai, SJ 410/413 (gas engine), short	85-	77020	OE	77120	OE
Samurai, SJ 410/413 (gas engine), long	85-	77020	OE	77165	OE
Samurai, SJ 410/413 (diesel engine), short	85-	77065	OE	77120	OE
Samurai, SJ 410/413 (diesel engine), long	85-	77065	OE	77165	OE
Samurai, SJ 410/413 (gas engine), short	85-	77018	+50	77118	+50
Samurai, SJ 410/413 (gas engine), long	85-	77018	+50	77160	+50
Samurai, SJ 410/413 (diesel engine), long	85-	77060	+50	77118	+50
Samurai, SJ 410/413 (diesel engine), long	85-	77060	+50	77160	+50
Samurai, SJ 410/413 (gas engine), short	85-	77051	+80	77151	+80

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Toyota					
Landcruiser BJ/FJ 40/42	75-86	77013	+60	77113 l	+60
				77613 r	+60
Landcruiser HJ 60/61	85-	77005 l	+75	77105	+75
		77605 r	+75		
Landcruiser BJ/FJ 70/73	84-	77008	+70	77108	+70
Landcruiser HZJ/PZJ 70/73	90-99	77008	+70	77108	+70
Hilux Pickup	79-97	77052 l	+85		
		77652 r	+85		

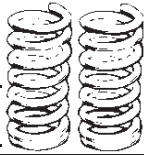


		front	mm	rear	mm
Chrysler Jeep					
Cherokee					
Cherokee Liberty KK	08-	76088	+50	76188	+50
Cherokee Liberty KK, diesel	08-	76089	+50	76188	+50
Cherokee Liberty KK, gas HD (100kg)	08-	76089	+50		
Cherokee Liberty KJ	01-08	76042	+50	76142	+50
Cherokee Liberty KJ, diesel	01-08	76088	+50	76142	+50
Cherokee Liberty KJ, gas HD (50kg)	01-08	76088	+50		
Cherokee XJ, HD (100kg)	84-01	76003	+50		
Cherokee XJ	84-01	76041	+50		
		76051	+75		
		76039	+115		
		76008	-40		
Grand Cherokee					
Grand Cherokee WJ, WG, gas	99-04	76047	+50	76147	+50
Grand Cherokee WJ, WG, gas HD, Diesel	99-04	76059	+50	76147	+50
Grand Cherokee ZJ	92-98	76003	+50	76120	+50
		76072	+75	76172	+75
		76079	+100	76179	+100
			+150		+150
		76008	-40	76121	-40
Wrangler					
Wrangler JK, long, Diesel, combat, black	06-	76094	+50	76194	+50
Wrangler JK, long, Gas, combat, black	06-	76096	+50	76194	+50
Wrangler JK, short, Diesel, combat, black	06-	76096	+50	76196	+50
Wrangler JK, short, Gas, combat, black	06-	76097	+50	76196	+50
Wrangler JK, long, Diesel	06-	76095	+75	76164	+75
Wrangler JK, long, Gas	06-	76099	+75	76164	+75
Wrangler JK, short, Diesel	06-	76099	+75	76199	+75
Wrangler JK, short, Gas	06-	76094	+75	79199	+75
Wrangler TJ	96-06	76076	+50	76176	+50
		76073	+165	76173	+165
Wrangler TJ, 4 cyl.	96-06	76037s	+100	76137	+100
Wrangler TJ, 6 cyl.	96-06	76037	+100	76137	+100
Voyager, 4 cyl.	92-95	76024	-35		
Ford					
Maverick, short	93-98			76146	+50
				76102	+80
Maverick, long	93-98			76102	+50
				76160	+80
Maverick	93-98			76105	-50
				76128	-80
Isuzu					
Trooper	00-			76122	+50
KIA					
Sorento	02-	76049		76149	
Land Rover					
Defender 90	84-	76013	HD +20	76113	HD +20
		76014	+50	76114	+50
		76075	HD +50	76158	HD +50
		76062	+100	76162	+100
Defender 110	83-	76013	HD +10		
		76014	+40	76156	+40
		76075	HD +40	76157	HD +40
Defender 130	91-	76013	HD		
		76014	+30	76156	+30
		76075	HD +30	76157	HD +30



		front	mm	rear	mm
Land Rover					
Discovery I	90-98	76013	HD +20	76113	HD +20
		76014	+50	76114	+50
		76075	HD +50	76158	HD +50
Range Rover Classic	70-94	76013	HD +20	76113	HD +20
		76014	+40	76114	+40
		76075	HD +40	76158	HD +40
Lada					
Niva, 2121	10-	76061	+50	76161	+50
Niva	76-09	76061	+50	76161	+50
Mercedes					
Mercedes G (not 400CDI)	79-	76034	+40	76134	+40
Mitsubishi					
L200, KAOT	06-	76090	+50		
Pajero V20/V6 (long)	91-			76106	+60
Pajero V20/V6 (short)				76106k	+60
Nissan					
Nissan Navara D40	11.05-	76092	+40		
Patrol GR Y61	97-	76036	+60	76136	+60
Patrol GR Y60	89-96	76004	+60	76104	+60
Patrol GR Y60 (permanent load 100/150 kg)		76029	HD +60		
Terrano II, short	93-			76146	+50
				76102	+80
Terrano II, long	93-			76102	+50
				76160	+80
Terrano II	93-			76105	-50
				76128	-80
Terrano I	86-93			76102	+50
				76160	+80
				76105	-50
Opel					
Frontera B, short	98-02			76185	+50
Frontera B, long	98-03			76148	+50
Frontera A, short	95-97			76185	+50
Frontera A, long	95-97			76148	+50
Monterey	92-00			76122	+50
Monterey long	92-00			76123	-50
Monterey short	92-00			76123k	-50
Suzuki					
Jimny (gas)	98-	76043	+50	76143	+50
Jimny (diesel)	98-	76053	+50	76143	+50
Jimny	98-	76086	+75	76186	+75
New Grand Vitara (JT)	05-			76154	+50
Grand Vitara (FT, GT, not XL7), short	98-05	76078	+35	76150	+35
Grand Vitara (FT, GT, not XL7), long	98-05	76050	+35	76150	+35
Vitara Long (Diesel + V6)	91-98	76074	+35	76150	+35
		76050	+50	76187	+50
Vitara Long (gas, 4 cyl.)	91-98	76044	+35	76150	+35
		76074	+50	76187	+50
Vitara (Diesel + V6), short	88-89	76074	+35	76144	+35
		76050	+50	76150	+50
Vitara (gas, 4 cyl.), short	88-89	76044	+35	76144	+35
		76074	+50	76150	+50
Toyota					
Hilux	05-	76091	+50		
Landcruiser J9	96-02	76501	+50	76601	+50
Landcruiser LJ/RJ70-73	85-89	76019	HD +50	76119	HD +50
Landcruiser KJ/LJ/RJ 70/73/77	90-04.96	76045	+50	76145	+50

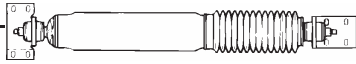
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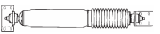
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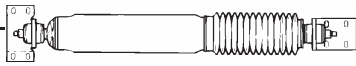
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		front	mm	rear	mm
Landcruiser J8/J105	90-98	76068	+75	76168	+75
RAV4	94-00			76131	+40
		76030	-35	76130	-35
4-Runner	8/89-96			76111	+60
				76110	-45
Volkswagen					
T3 Syncro	11.84-7.92	76081	+40	76181	+40
	11.84-7.92			76183	HD+40

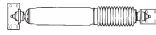
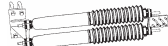


steering damper

					
		OE replacement	single w. bracket	double w. bracket	pitman arm
AMC Jeep					
Jeep CJ5, CJ7, Scrambler	76-86	66101	66100	66200	PA30**
Chevrolet					
Blazer, Jimmy, Sub. w/ OE	69-91	66032		66220	SA40
Blazer, Jimmy, Sub. w/o OE	69-91		66110	66208	SA40
Blazer, Jimmy S-Models & ZR2	83-94	66107			
Pickup 1/2 + 3/4 + 1 ton 2WD	50-59		66100	66200	
Pickup 1/2 + 3/4 + 1 ton 4WD 3" axle tube	58-72		66110	66220	
Pickup K10, K20 4WD w/ OE	73-87	66032		66220	SA40
Pickup K10, K20 4WD w/o OE	73-87		66110	66208	SA40
Pickup K30, Military w/ OE	73-87	66032		66220	
Pickup K30, Military w/o OE	73-87		66110	66208	
Pickup S-Series 83-04 OE repl.	83-04	66107			
Van (w/straight axle)	65-73		66100	66200	
Chrysler Jeep					
Grand Cherokee WJ	99-04	66131			
Grand Cherokee ZJ	92-98	66107			
Cherokee XJ	84-01	66107			
Comanche MJ	86-92	66107			
Wrangler JK	06-	66124	66125		PA50
Wrangler JK HD damper	06-		66126		PA50
Wrangler JK w. trail master 100 mm	06-				PA50
Wrangler JK w. 100mm, HD damper	06-				PA50
Wrangler TJ	96-05	66107			
Wrangler YJ	86-95	66107		66209	PA40
Daihatsu					
Rocky, Wildcat F20, F60	84-	66042			
Dodge					
W200 Pickup, Military	69-93		66110	66220	16796
Pickup 1/2 ton, 3/4 ton 2WD	54-71		66100	66200	
Pickup 1/2 ton, 3/4 ton 4WD	60-93		66110	66220	
Ram 1500	01		66110	66208	
Ram 1500, 2500	94-00	66103	66110	66208	
Ram 2500,3500	01-02			66208	
Ramcharger 4WD	60-93		66110	66220	
Trailduster 4WD	74-93		66110	66220	
Van (straight axle)	57-70		66100		
Ford					
Maverick, UNS, UDS	2/93-07		66127		*
Bronco 4WD	66-69	66032	66110		
Bronco	70-79	66022			
F100, F150 2WD	50-64		66100	66200	
F100, F150 4WD (w/ coil)	71-76	66022	66110	66220	
F250, F350 4WD	78-79			66220	
F350 solid axle	86-96		66110	66208	
International					
Pickup 1/2, 3/4 ton	60-75		66110		
Scout	67-75		66110		
Scout II	76-80		66110		
Scout 80, 800 Series	61-68		66100	66200	



steering damper

					
		OE replacement	single w. bracket	double w. bracket	pitman arm
Land Rover					
Defender 90, 110, 130	83-	66120			
Defender Serie I+II+III (80"+109")	-83	66033			
Defender Serie II+III (88")	-83	66033			
Discovery I	90-99	66033			
Range Rover Classic	70-95	66033			
Nissan					
Patrol K160	80-89	66115			
Patrol K260 3,3 L	90-	66115			
Patrol GR Y61 2,8 L	6/97-	66033			
Patrol GR Y61 3,0 L	6/97-	66102			
Patrol GR Y60	87-8/89	66106			
Patrol GR Y60	9/89-6/97	66033			
Terrano II, R20	2/93-07		66127		
Suzuki					
Jimny (not Type 6, 86 HP TD)	98-		66802		
Jimny (Type 6, 86 HP TD only)	8/05-		66809		
LJ	80-84	66039			
Samurai, SJ 410/413	9/81-	66039	66100	66200	PA20**
Vitara	89-97		66123		
Toyota					
Landcruiser BJ/FJ 40	75-80		66160		
Landcruiser BJ/FJ 42	80-86		66160		
Landcruiser HJ60/61	80-90	66130			
Landcruiser LJ/RJ 70/73	84-89	66130			
Landcruiser LJ/KJ/RJ 70/73/77	90-4.96	66130			
Landcruiser BJ/FJ 70/73/75	84-96	66130			
Landcruiser HZJ/PZJ 70/73/75	90-99	66130			
Landcruiser HZJ71/74/78/79	99-04	66130			
Landcruiser J8/J105	90-98	66130			

*

**PA20 only without power steering, PA30 only with power steering



Lenkhebel * pitman arm



einfach ohne Halter * single without bracket / OE replacement

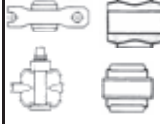


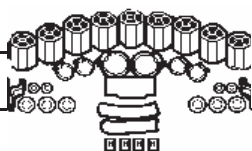
einfach mit Halter * single with bracket



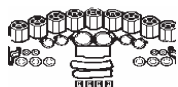
doppelt mit Halter * double with bracket

steering damper specifications

no.	 mm	 mm			
66000	278	444	S1	ES0	
66022	332	563	S1	S1	13916
66032	366	605	ESO	ESO	
66033	304	508	S1	S1	13919
66039	275	432	ES17	ES17	
66042	366	605	ES17	ES17	
66100	304	508	S1	S1	13919
66101	269	437	S1	ESO	
66102	345	572	EB9	EB9	
66103	366	605	EB10	ES24	
66106	345	572	ES17	EB1	
66107	307	493	ES24, 39, 65	EB10	
66110	304	508	S1	S1	13919
66115	320	520	EB1	EB1	
66120	442	668	S1	ES109	
66122	307	493	ES27	ES65	
66123	278	444	S1	ES17	13909
66124	320	520	ES65	ES65	
66125	307	493	ES65	ES65	
66126	307	493	ES65	ES65	
66130	390	660	EB9	EB9	
66131	320	520	ES24	ES21	
66160	304	508	S1	S1	13919
66200	304	508	S1	S1	13919
66208	366	605	ESO	ESO	
66209	304	508	S1	S1	13919
66220	304	508	S1	S1	13919
66802	304	508	S1	S1	13919
66809	278	444	S1	EB7	



					05.2014
		TÜV		mm	
Chevrolet					
Pickup 2/4WD	95-98	---	99320	+75	
Pickup 2/4WD	88-94	---	99319	+75	
Chrysler Jeep					
Wrangler JK	07-	---	99295	+50	
Wrangler TJ	96-	---	99292	+50	
Wrangler TJ	96-	---	99392	+75	
Wrangler YJ	86-95	---	99291	+50	
Wrangler YJ	86-95	---	99391	+75	
Wrangler YJ (adaptor for automatic)	86-95		99921	+50	
Wrangler YJ (adaptor for automatic)	86-95		99901	+75	
Suzuki					
Samurai SJ	85-	o.k.	99380	+50	
Vitara	89-97	o.k.	99250	+50	



Body-Lift-Kit
Body lift kit
Ensemble de rehausse de caisse
Kit Body Lift para levantar la carrocería
Kit body lift



leaf kit

trail master
by Maas

05.2014

									
			you have		you need		you have		you need
				#				#	
Mitsubishi									
L200 KAOT	06-	+600		xxx		xxx		77170	31507
L200 KAOT	06-	+300		xxx		xxx		77162	31516
Nissan									
Navara D40	11/05-	+600						77154	31579
Navara D40 +60 mm	11/05-	+300						77166	31504
Patrol K160	80-89	+140		77001		31562		77101	04/2008 31561
Patrol K260	90-	+140		77021		31560		77101	04/2008 31561
Suzuki									
Samurai/SJ, Long Body	85-	OE						77120	31533
Samurai/SJ, short	85-	+150						77120	31533
Samurai/SJ, Diesel	85-	OE		77020	06/2008	31553			
Samurai/SJ, Gas	85-	+60		77020	06/2008	31553			
Toyota									
Landcruiser BJ/FJ 40/42 Hardtop	69-86	OE						77113	06/2008 31531
								77613	06/2008
Landcruiser BJ/FJ 40/42 Softop	69-86	+150						77113	06/2008 31531
								77613	06/2008
Landcruiser BJ/FJ 40/42	69-86	+150		77013	06/2008	31532			
Landcruiser BJ 70/73	84-96	+150		77008		31534			
Landcruiser BJ 70/73	84-96	+100						77108	31531
Landcruiser PZJ-HZJ 70/73/75	90-99	+150		77008		31534			
Landcruiser PZJ-HZJ 70/73	90-99	+100						77108	31531
Landcruiser HZJ 76	07-	+350						OE	31570
	07-	+650						OE	37571
	07-	+1200						OE	31573



leaf kit * leaf kit * kit lames additionnelles * kit de hoja adicional de ballestas * kit foglio balestre *



zusätzliches Gewicht pro Achse * additional weight per axle * poids additionnel par essieu * peso adicional por eje * peso addizionale per ponte

#

nur geeignet für trail master Federn ab diesem Datum * only fits trail master springs from this date on *
Ne s'applique qu'aux ressorts trail master à partir de cette date. * Solo compatible con ballestas trail master a partir de esta fecha * monta solo su molle trail master da questa data in avanti

trail master[®]

a **Maas group** company



trail master ist ein Unternehmen der maas group mit einem kompletten Händlernetz in Europa. Es gehört mit einem weit gefächerten Produktprogramm von Stoßdämpfern und Federn zu dem führenden Hersteller von Fahrwerken für Geländefahrzeuge in Europa.



trail master is a company of the maas group and has a complete distributor network all over Europe. With its diversified product range of shock absorbers and springs, trail master belongs to the leading manufacturers of suspension systems for Off-Road vehicles.



trail master est une compagnie du maas group et possède un réseau complet de distribution sur toute l'Europe. Avec sa ligne de produits diversifié d'amortisseurs et de ressorts, trail master appartient au groupe de pointe des fabricants de suspension pour véhicules Tout Terrains.



trail master es una empresa del maas group y tiene una completa red de distribuidores en toda Europa. Gracias a su amplia gama de amortiguadores, muelles, y ballestas, trail master es uno de los mayores fabricante de sistemas de suspension para vehiculos todo terrenos.



trail master è un azienda del maas group con una rete di distribuzione in tutta Europa. Con la sua gamma diversificata di prodotti tra ammortizzatori, molle e balestre, trail master è uno dei leader tra i produttori di sospensioni per veicoli fuoristrada.