

02.10.2016

Product settings for reference, factory settings, general use

SHOCK absorbers



Article number TT	Article TO	Level	Model	light weight & loading					standard weight, standard loading conditions					heavy weight or loading					Note								
				Spring rate	Spring preload	HS position	LS position	Rebound position	Spring rate	free length spring	Spring preload	ref PA+	ref PA-	HS position	LS position	Rebound position	Spring rate	Spring preload		HS position	LS position	Rebound position					
46BM06-R3119	01-044-5862-0	Level1	BMW R1200GS ADV 06- REAR	140	13			11	150	205	13					10	160	13			9	170	13			8	
46BM06-R3315		Level2	BMW F800S/ST 06- REAR	220	14			9	240	180	14					8	260	14			7						
46BM06-R3316		Level2	BMW F800R 06- REAR	220	15			9	240	180	15					8	260	15			7						
46BM06-R3319	01-044-5882-0	Level2	BMW R1200GS ADV 06- REAR	140	13			11	150	205	13	7,5	-7,5			10	160	13			9	170	13			8	
46BM06-R3719		Level2e	BMW R1200GS ADV 06- REAR	140	11			11	150	205	11	15	0,0			10	160	11			9	170	11			8	
46BM06-S1764	05-044-0896-0	Plug&Travel	BMW R1200GS ADV REAR 06-13 ESA-REPL	140	16				150	205	16	12,5	-2,5				160	16				170	16				
46BM06-S1765	05-044-0895-0	Plug&Travel	BMW R1200GSA FRONT 06-13 ESA-REPL	48	10				50	205	10						55	10				60	10				
46BM06-S5764	05-044-0897-0	Plug&Travel	BMW R1200GSA REAR 06-13 ESA-REPL	140	12	12	12		150	205	12			12	12		170	12	12	12		170	12	12	12		
46BM06-T4319	01-044-5867-0	High end	BMW R1200GS ADV 06- REAR	140	13	10	10	11	150	205	13	7,5	-7,5	10	10	10	160	13	10	10	9	170	13	10	10	8	
46BM06-T5117	01-044-5887-0	Extreme	BMW R1200GS ADV 06-13 FRONT	48	14	10	10	11	50	205	14			10	10	10	55	14			9	60	14			8	
46BM06-T5419	01-044-5872-0	Extreme	BMW R1200GS ADV 06- REAR	140	13	10	10	11	150	205	13	7,5	-7,5	10	10	10	160	13			9	170	13			8	
46BM07-R3155	01-049-5860-0	Level1	BMW G650GS X-CHALLENGE 2007-	110	15			11	120	180	15	7,5	-7,5			10	130	15			9	140	15			8	
46BM07-R3555	01-049-5880-0	Level2	BMW G650GS X-CHALLENGE 2007-	110	15			11	120	180	15	7,5	-7,5			10	130	15			9	140	15			8	
46BM08-R3107	01-048-5860-0	Level1	BMW F800GS 08-12 REAR	160	14			11	170	205	14					10	180	14			9	190	14			8	
46BM08-R3112	01-048-5862-0	Level1	BMW F650GS TWIN 08- REAR	150	13			7	160	205	13					6	170	13			5	180	13			4	
46BM08-R3123	01-048-5861-0	Level1	BMW F800GS 08-12 REAR LOW	170	14			11	180	180	14					10	190	14			9						
46BM08-R3135	01-048-5863-0	Level1	BMW F800GS MU 13-	160	14			11	170	205	14					10	180	14			9	190	14			8	
46BM08-R3136		Level1	BMW F800GS MU 13- LOW	170	14			11	180	180	14					10	190	14			9						
46BM08-R3307	01-048-5880-0	Level2	BMW F800GS 08-12 REAR	160	14			11	170	205	14	7,5	-7,5			10	180	14			9	190	14			8	
46BM08-R3312	01-048-5882-0	Level2	BMW F650GS TWIN 08- REAR	150	13			7	160	180	13	7,5	-7,5			6	170	13			5	180	13			4	
46BM08-R3323	01-048-5864-0	Level2	BMW F800GS 08-12 REAR LOW	170	14			11	180	180	14	7,5	-7,5			10	190	14			9						
46BM08-R3335	01-048-5883-0	level2	BMW F800GS MU 13-	160	14			11	170	205	14	7,5	-7,5			10	180	14			9	190	14			8	
46BM08-R3336	01-048-5864-0	Level2	BMW F800GS MU 13- LOW	170	14			11	180	180	14	7,5	-7,5			10	190	14			9						
46BM08-R3707	05-048-5885-0	Level2e	BMW F800GS 08-12 REAR	160	12			11	170	205	12	15	0,0			10	180	12			9	190	12			8	
46BM08-S2535	01-048-5875-0	Plug&Travel	BMW F800GS 13-	160	14				170	205	14	7,5	-7,5				180	14				190	14				
46BM08-S2536	01-048-5877-0	Plug&Travel	BMW F800 GS 13- PA LOW	170	14				180	180	14	7,5	-7,5				190	14									
46BM08-T5507	01-048-5871-0	Extreme	BMW F800GS 2008-2012 (Inline)	160	16	10	10	10	170	205	16	12	-3,0	10	10	10	180	14				190	14				
46BM08-T6307	01-048-5865-0	High end	BMW F800GS 08-12 REAR	160	14	11	11	11	170	205	14	7,5	-7,5	11	11	10	180	14	11	11	9	190	14	11	11	8	
46BM08-T6535	01-048-5868-0	High end	BMW F800GS MU 13-	160	14	11	11	11	170	205	14	7,5	-7,5	11	11	10	180	14	11	11	9	190	14	11	11	8	
46BM08-T7407	01-048-5870-0	Extreme	BMW F800GS 08-12 REAR	160	14	11	11	11	170	205	14	7,5	-7,5	11	11	10	180	14			9	190	14			8	
46BM08-T7635	01-048-5873-0	Extreme	BMW F800GS MU 13-	160	14	11	11	11	170	205	14	7,5	-7,5	11	11	10	180	14	11	11	9	190	14	11	11	8	
46BM09-R3128		Level1	BMW G650GS	160	16			10	170	180	16						180	16			8	190	16			7	
46BM09-R3528	01-300-5882-0	Level2	BMW G650GS	160	16			10	170	160	16	10	-5			9	180	16			8	190	16			7	
46BM09-T8111	01-058-0050-0	Comp	BMW S100RR 2009-2014	80	11			15	85	160	11					14	90	11			13						
46BM12-R3530	01-300-5883-0	Level2	BMW G650GS SERTA0	140	16			11	150	180	16	13	-2			10	160	16			9	170	16			8	

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				Spring rate	Spring preload	HS position	LS position	Rebound position	Spring rate	free length spring	Spring preload	ref PA+	ref PA-	HS position	LS position	Rebound position	Spring rate	Spring preload		HS position	LS position	Rebound position				
46BM12-R3531		Level2	BMW G650GS SERTAO LOW	150	17			11	160	180	17	13	-2		10	170	17			9	180	17			8	
46BM13-P4140	01-045-5883-0	Plug&Travel	BMW R1200GS 13- FRONT PP	48	9	12	12		50	205	9			12	12	55	9	12	12		60	9	12	12		
46BM13-P4142	05-045-5881-0	Plug&Travel	BMW R1200GS 13- FRONT LOW PP	48	9	12	12		50	205	9			12	12	55	9	12	12		60	9	12	12		
46BM13-P4729	01-045-5884-0	Plug&Travel	BMW R1200 GS 13- PP	140	14	10	10		150	205	14			10	10	160	14	10	10		170	14	10	10		
46BM13-P4741	05-045-5882-0	Plug&Travel	BMW R1200 GS 13- PP LOW	140	16	14	14		150	180	16			14	14	160	16	14	14		170	16	14	14		
46BM13-R3133	01-058-5863-0	Level1	BMW F700GS 13-	150	13			9	160	205	13				8	170	13			7	180	13			6	
46BM13-R3134		Level1	BMW F700GS LOW 13-	160	13			9	170	205	13				8	180	13			7	190	13			6	
46BM13-R3333	01-058-5883-0	Level2	BMW F700GS 13-	150	13			9	160	205	13	13	-2		8	170	13			7	180	13			6	
46BM13-R3334		Level2	BMW F700GS LOW 13-	160	13			9	170	205	13	13	-2		8	180	13			7	190	13			6	
46BM13-T5140	01-045-5876-0	Extreme	BMW R1200 GS 13- PDS2 FRONT	48	8	12	12	11	50	205	8			12	12	55	8	12	12	9	60	8	12	12	8	
46BM13-T5429	01-045-5870-0	Extreme	BMW R1200 GS 2013- PDS2 / ADJ / PA	140	14	11	11	11	150	205	14	12,5	-2,5	11	11	10	160	14	11	11	9	170	14	11	11	8
46BM14-P4147	01-045-5873-0	Plug&Travel	BMW R1200 GS ADV 14- FRONT PP	50	13	12	12		55	205	13			12	12	60	13	12	12							
46BM14-P4150	05-045-5889-0	Plug&Travel	BMW R1200 GS ADV 2014- FRONT LOW PP	50	14	12	12		55	205	14			12	12	60	14	12	12							
46BM14-P4746	01-045-5874-0	Plug&Travel	BMW R1200 GS ADV 14- PP	150	11	10	10		160	205	11			10	10	170	11	10	10		180	11	10	10		
46BM14-P4749	05-045-5890-0	Plug&Travel	BMW R1200 GS ADV 14- LOW PP	150	11	10	10		160	180	11			10	10	170	11	10	10							
46BM14-R3544	01-048-5881-0	Level2	BMW F800GS Adv 14-	160	15			11	170	205	15	12	-3		10	180	15			9	190	15			8	
46BM14-R3545	01-048-5884-0	Level2	BMW F800GS Adv 14- LOW	170	14			11	180	205	14	12	-3		10	190	14			9						
46BM14-S2544	01-048-5876-0	Plug&Travel	BMW F800 GS ADV 14- PA	160	16				170	205	16	12	-3,0			180	15				190	15				
46BM14-S2545	01-048-5878-0	Plug&Travel	BMW F800 GS ADV 14- PA LOW	170	16				180	180	16	12	-3,0			190	14									
46BM14-T4352	01-042-5865-0	High end	BMW R nine T 2014- PA	150	11	10	10	11	160	180	11	11	-4,0	10	10	10	170	180	10	10	9					
46BM14-T5147	01-045-5877-0	Extreme	BMW R1200 GS ADV 2014- PDS2 FRONT	50	13	12	12	11	55	205	13			12	12	60	13	12	12	9	65	13	12	12	8	
46BM14-T5446	01-045-5871-0	Extreme	BMW R1200 GS ADV 2014- PDS2 / ADJ / PA	150	8	11	11	11	160	205	8	12,5	2,5	11	11	10	170	8	11	11	9	180	8	11	11	8
46BM14-T5544	01-048-5874-0	Extreme	BMW F800GS Adv 14-	160	16	10	10	11	170	205	16	12	-3	10	10	10	180	16	10	10	9	190	16	10	10	8
46BM15-P8176	01-058-0053-0	Plug&Race	BMW S1000RR 15-	90	11	14	14		95	160	11			14	14	100	160	14	14							
46BM15-T8276	01-058-0055-0	Comp	BMW S1000RR 15-	90	11	14	14	15	95	160	11			14	14	100	160	14	14	13						
46BM88-R3124	01-058-0005-0	Level1	BMW R80/100GS DAKAR 88- REAR	80	16			9	85	235	16				8	90	16			7	95	16			6	
46BM88-R3524	01-058-0007-0	Level2	BMW R80/100GS DAKAR 88- REAR	80	16			9	85	235	16	7,5	-7,5		8	90	16			7	95	16			6	
46BM94-R3101	01-040-5860-0	Level1	BMW R1100GS 94- REAR	130	20			11	140	205	20				10	150	20			9	160	20			8	
46BM94-R3114	01-040-5875-0	Level1	BMW R1100GS 94- FRONT	48	14			11	50	205	14				12	55	14			9	60	14			8	
46BM94-R3501	01-040-5880-0	Level2	BMW R1100GS 94- REAR	130	20			11	140	180	20	7,5	-7,5		10	150	20			9	160	20			8	
46BM99-A1113	05-040-5863-0	ACE	BMW R1150GS 99- FRONT	48	14				50	205	14					55	14				60	14				
46BM99-A1702	01-040-5864-1	ACE	BMW R1150GS 99- REAR	140	15				150	180	15					160	15				170	15				
46BM99-R3102	01-040-5862-0	Level1	BMW R1150GS 99- REAR	140	17			11	150	205	17				10	160	17			9	170	17			8	
46BM99-R3113	01-040-5877-0	Level1	BMW R1150GS 99- FRONT	48	14			13	50	205	14				12	55	14			11	60	14			10	
46BM99-R3502	01-040-5882-0	Level2	BMW R1150GS 99- REAR	140	17			11	150	180	17	7,5	-7,5		10	160	17			9	170	17			8	

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				Spring rate	Spring preload	HS position	LS position	Rebound position	Spring rate	free length spring	Spring preload	ref PA+	ref PA-	HS position	LS position	Rebound position	Spring rate	Spring preload		HS position	LS position	Rebound position				
46HO08-R3103	01-058-0030-0	Level1	HONDA XLV700 TRANSALP 08- REAR	130	10			11	140	180	10				10	150	10			9	160	10			8	
46HO08-R3503	01-058-0031-0	Level2	HONDA XLV700 TRANSALP 08- REAR	130	10			11	140	145	10	7,5	-7,5		10	150	10			9	160	10			8	
46HO12-R3105		Level1	HONDA VFR1200X CROSSTOURER 12-	150	21			9	160	180	21				8	170	21			9						
46HO12-R3505	01-406-5880-0	Level2	HONDA VFR1200X CROSSTOURER 12-	150	21			9	160	180	21	10	-5		8	170	21			9						
46HO14-R1106	01-405-5850-0	Level1	HONDA NC750X 14-	130	13			11	140	180	13				10	150	13			9	160	13			9	
46HO14-R1108	01-405-5860-0	Level1	HONDA NC750S 14-	130	13			13	140	160	13				12	150	13			11	160	13			11	
46HO14-R1506	01-405-5855-0	Level2	HONDA NC750X 14-	130	13			11	140	145	13	10	-5,0		10	150	13			9	160	13			9	
46HO14-R1507	01-405-5856-0	Level2	HONDA NC750X 14- LOW	130	13			11	140	145	13	10	-5,0		10	150	13			9	160	13			9	
46HO14-R1508	01-405-5865-0	Level2	HONDA NC750S 14-	130	13			13	140	145	13	10	-5,0		12	150	13			11	160	13			11	
46HO16-R2509	01-402-5860-0	Level2	HONDA CRF 1000L AFRICA TWIN 16-	80	21			11	85	235	21	10	-5,0		10	90	21			9	95	21			8	
46HO16-R2510	01-402-5865-0	Level2	HONDA CRF 1000L AFRICA TWIN 16- LOW	80	21			11	85	235	21	10	-5,0		10	90	21			9	95	21			8	
46HO16-T5111	01-402-5869-0	Extreme	HONDA CRF 1000L AFRICA TWIN 16- "RALLY	90	18	10	10	11	95	235	18			10	10	100	18	10	10	9	110	18	10	10	8	
46HO16-T5509	01-402-5870-0	Extreme	HONDA CRF 1000L AFRICA TWIN 16-	80	21	10	10	11	85	235	21	10	-5,0	10	10	90	21	10	10	9	95	21	10	10	8	
46HO93-R3102	01-058-0010-0	Level1	HONDA XRV750 AFRICA TWIN 93- REAR	90	16			13	95	205	16				12	100	16			9	110	16			8	
46HO93-R3502	01-058-0012-0	Level2	HONDA XRV750 AFRICA TWIN 93- REAR	90	16			13	95	205	16	7,5	-7,5		12	100	16			11	110	16			10	
46HO93-T6502	01-058-0011-0	High end	HONDA XRV750 AFRICA TWIN 93- REAR	90	16	12	12	13	95	205	16	7,5	-7,5	12	12	100	16	12	12	11	110	16	12	12	10	
46HO99-R3101	01-058-0015-0	Level1	HONDA XLV1000 VARADERO 99-02 REAR	150	12			9	160	180	12				8	170	12			7	180	12			6	
46HQ11-T5101	01-410-5870-0	Extreme	HUSQVARNA TE449/511 11- REAR	on request		8	8	13	48	275	13			8	8	12	on request			on request						
46HQ13-R3103	01-412-5860-0	Level1	HUSQ 650 TERRA 13-	100	17			9	110	205	17				8	120	17			7	130	17			6	
46HQ13-R3104		Level1	HUSQ 650 TERRA 13- LOW	100	15			9	110	205	15				8	120	15			7	130	15			6	
46KA08-R3201	01-409-5860-0	Level1 +ADJ	KAW KLR650(E) 08-	55	28			11	60	205	28				10	65	28			9						
46KA08-R3601	01-409-5880-0	Level2 +ADJ	KAW KLR650(E) 08-	55	28			11	60	205	28	10	-5		10	65	28			9						
46KT03-T5508	01-370-5869-0	Extreme	KTM 950 ADVENTURE 03-04 (381)	120	12			11	130	205	12	10	-5,0		10	140	12			9	150	12			8	
46KT05-T5511	01-370-5868/5870-0	Extreme	KTM 950-990 ADVENTURE 05-13 (373)	130	12	10	10	11	140	205	12	10	-5,0	10	10	150	12	10	10	9	160	12	10	10	8	
46KT06-T5507	01-370-5871/5872/3	Extreme	KTM 950-990 ADVENTURE S-R 04-13 (392)	120	15	10	10	11	130	235	15	10	-5,0	10	10	140	15	10	10	9	150	15	10	10	8	
46KT07-T5510	01-370-5867-0	Extreme	KTM 950R SUPER ENDURO 07-	130	10	11	11	12	140	205	10	10	-5,0	11	11	150	10	11	11	10	160	10	11	11	9	
46KT09-R3101	01-058-0040-0	Level1	KTM 990SM-T 09- REAR	140	15			11	150	205	15				10	160	15			9	170	15			8	
46KT09-R3102	01-058-0045-0	Level1	KTM 990SM-R 09- REAR	130	15			11	140	205	15				10	150	15			9	160	15			8	
46KT09-R3501		Level2	KTM 990SM-T 09- REAR	140	15			11	150	180	15	7,5	-7,5		10	160	15			9	170	15			8	
46KT09-R3502		Level2	KTM 990SM-R 09- REAR	130	15			11	140	180	15	7,5	-7,5		10	150	15			9	160	15			8	
46KT09-T4501	01-058-0041-0	High end	KTM 990SM-T 09- REAR	140	15	10	10	13	150	180	15	7,5	-7,5	10	10	12	160	15	10	10	11	170	15	10	10	10
46KT09-T4502	01-058-0046-0	High end	KTM 990SM-R 09- REAR	130	15	10	10	13	140	180	15	7,5	-7,5	10	10	12	150	15	10	10	11	160	15	10	10	10
46KT12-R3503		Level2	KTM 690 Duke 12-	80	13			11	85	205	13	10	-5		10	90	205	13		9	95	205	13		8	
46KT14-T5313	01-371-5871-0	Extreme	KTM 1190R ADV 14-	170	10	12	12	10	180	205	10	10	-5,0	12	12	190	10	12	12	8						

