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SETTINGLIST SHOCK

AM

Article-No.:	18180T03	System:	linkage
Model description: (without year declaration)	KTM 250 SX HQV 250 TC	Type:	XACT PRO 8950

	driving comfort	STANDARD	driving sport	Max.payload
Compression damping low speed (klicks open or marking)		12		
Compression damping high speed (turns open)		38		
Rebound damping low speed (clicks open or marking)		25		
Rebound damping high speed (clicks open or marking)		15		
Spring preload		8 mm		

Static sag	38 mm	HSRA Federrate	90 N/mm
Riding sag	105 mm	spring + spacer length	42.5 mm
Gas pressure	10 bar	HSRA Art.No.	50181324
Oil type	50185071	Rebounddisc height	5 mm
Oil viscosity	SAE 2.5	Shock stroke	138 mm
Bump rubber	50181100	Shock length	477 mm

Spring	Riders weight	Spring rate	Spring description	Spring length	Part.-No.
Spring soft opt. 2	55-65 kg	36 N/mm	(62/65)36-260	260 mm	91210128
Spring soft opt. 1	65-75 kg	39 N/mm	(62/65)39-260	260 mm	91210123
Spring STANDARD	75-85 kg	42 N/mm	(62/65)42-260	260 mm	91210124
Spring hard opt. 1	85-95 kg	45 N/mm	(62/65)45-260	260 mm	91210100
Spring hard opt. 2	95-105 kg	48 N/mm	(62/65)48-260	260 mm	91210101

Shims piston 1			
Qty	Compression	Qty	Rebound
1	16x21x0.30	18	16x19x0.30
1	16x22x0.20	1	16x22x0.20
1	16x24x0.20	1	16x24x0.20
1	16x26x0.20	1	16x26x0.20
1	16x28x0.20	1	16x28x0.20
1	16x30x0.20	1	16x30x0.20
1	16x32x0.20	1	16x32x0.20
1	16x34x0.20	1	16x34x0.20
1	16x36x0.20	1	16x36x0.20
1	16x38x0.20	1	16x20x0.15
1	16x40x0.20	8	16x36x0.15
1	16x42x0.20		
1	16x44x0.20		
1	16x30x0.15		
8	16x44x0.20		
Piston-No.:		50180311	
Piston bleed:		1.0 mm	

Details compression unit		Shims Nut	
Qty	Description, dimension	Qty	Description, dimension
3	6x10x0.30		
1	6x12x0.20		
1	6x14x0.20		
1	6x16x0.20		
1	6x18x0.20		
1	6x20x0.20		
4	6x22x0.15		
		Nut Nr.:	
		Spring Nr.:	
		Liftheight:	
Piston-No.:		50180565	
Spring:		50180594	

Comp. damping valve:
50181362S1

Note

different shim setting from 18180T07

SETTINGLIST SHOCK

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Article-No.:	18180T05	System:	linkage
Model description: (without year declaration)	KTM 250SXF HQB 250 FC	Type:	XACT PRO 8950

	<i>driving comfort</i>	STANDARD	<i>driving sport</i>	<i>Max.payload</i>
Compression damping low speed (clicks open or marking)		10		
Compression damping high speed (turns open)		35		
Rebound damping low speed (clicks open or marking)		25		
Rebound damping high speed (clicks open or marking)		15		
Spring preload		8 mm		

Static sag	38 mm
Riding sag	105 mm
Gas pressure	10 bar
Oil type	50185071
Oil viscosity	SAE 2.5
Bump rubber	50181100

HSRA Federrate	90 N/mm
spring + spacer length	42.5 mm
HSRA Art.No.	50181324
Rebounddisc height	5 mm
Shock stroke	138 mm
Shock length	477 mm

Spring	Riders weight	Spring rate	Spring description	Spring length	Part.-No.
<i>Spring soft opt. 2</i>	55-65 kg	36 N/mm	(62/65)36-260	260 mm	91210128
<i>Spring soft opt. 1</i>	65-75 kg	39 N/mm	(62/65)39-260	260 mm	91210123
Spring STANDARD	75-85 kg	42 N/mm	(62/65)42-260	260 mm	91210124
<i>Spring hard opt. 1</i>	85-95 kg	45 N/mm	(62/65)45-260	260 mm	91210100
<i>Spring hard opt. 2</i>	95-105 kg	48 N/mm	(62/65)48-260	260 mm	91210101

Shims piston 1			
Qty	Compression	Qty	Rebound
1	16x21x0.30	18	16x19x0.30
1	16x22x0.20	1	16x22x0.20
1	16x24x0.20	1	16x24x0.20
1	16x26x0.20	1	16x26x0.20
1	16x28x0.20	1	16x28x0.20
1	16x30x0.20	1	16x30x0.20
1	16x32x0.20	1	16x32x0.20
1	16x34x0.20	1	16x34x0.20
1	16x36x0.20	1	16x36x0.20
1	16x38x0.20	1	16x20x0.15
1	16x40x0.20	8	16x36x0.15
1	16x42x0.20		
1	16x44x0.20		
1	16x30x0.15		
8	16x44x0.20		
Piston-No.:	50180311		
Piston bleed:	1.0 mm		

Details compression unit		Shims Nut	
Qty	Description, dimension	Qty	Description, dimension
3	6x10x0.30		
1	6x12x0.20		
1	6x14x0.20		
1	6x16x0.20		
1	6x18x0.20		
1	6x20x0.20		
4	6x22x0.15		
		Nut Nr.:	
		Spring Nr.:	
		Liftheight:	
Piston-No.:	50180565		
Spring:	50180594		

Comp. damping valve:
50181362S1

Note
different shim setting from 18180T07

SETTINGLIST SHOCK

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Article-No.:	18180T09	System:	linkage
Model description: (without year declaration)	KTM 450 SXF HQV 450 FC	Type:	XACT PRO 8950

	driving comfort	STANDARD	driving sport	Max.payload
Compression damping low speed (klicks open or marking)		15		
Compression damping high speed (turns open)		38		
Rebound damping low speed (clicks open or marking)		25		
Rebound damping high speed (clicks open or marking)		15		
Spring preload		8 mm		

Static sag	38 mm	HSRA Federrate	90 N/mm
Riding sag	105 mm	spring + spacer length	42.5 mm
Gas pressure	10 bar	HSRA Art.No.	50181324
Oil type	50185071	Rebounddisc height	5 mm
Oil viscosity	SAE 2.5	Shock stroke	138 mm
Bump rubber	50181100	Shock length	477 mm

Spring	Riders weight	Spring rate	Spring description	Spring length	Part.-No.
Spring soft opt. 2	55-65 kg	39 N/mm	(62/65)39-260	260 mm	91210123
Spring soft opt. 1	65-75 kg	42 N/mm	(62/65)42-260	260 mm	91210124
Spring STANDARD	75-85 kg	45 N/mm	(62/65)45-260	260 mm	91210100
Spring hard opt. 1	85-95 kg	48 N/mm	(62/65)48-260	260 mm	91210101
Spring hard opt. 2	95-105 kg	51 N/mm	(62/65)51-260	260 mm	91210102

Shims piston 1			
Qty	Compression	Qty	Rebound
1	16x21x0.30	16	16x19x0.30
1	16x22x0.20	1	16x22x0.20
1	16x24x0.20	1	16x24x0.20
1	16x26x0.20	1	16x26x0.20
1	16x28x0.20	1	16x28x0.20
1	16x30x0.20	1	16x30x0.20
1	16x32x0.20	1	16x32x0.20
1	16x34x0.20	1	16x34x0.20
1	16x36x0.20	1	16x36x0.20
1	16x38x0.20	1	16x20x0.15
1	16x40x0.20	8	16x36x0.15
1	16x42x0.20		
1	16x44x0.20		
1	16x28x0.15		
10	16x44x0.20		
Piston-No.:	50180311		
Piston bleed:	1.0 mm		

Details compression unit		Shims Nut	
Qty	Description, dimension	Qty	Description, dimension
3	6x10x0.30		
1	6x12x0.20		
1	6x14x0.20		
1	6x16x0.20		
1	6x18x0.20		
1	6x20x0.20		
4	6x22x0.15		
		Nut Nr.:	
		Spring Nr.:	
		Liftheight:	
Piston-No.:	50180565		
Spring:	50180594		

Comp. damping valve:

50181362S1

Note

different shim setting from 18180T07

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SETTINGLIST SHOCK

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Article-No.:	18180T51	System:	linkage
Model description: (without year declaration)	KTM 125 SX USA Husqvarna TC 125 USA	Type:	XACT PRO 8950

	<i>driving comfort</i>	STANDARD	<i>driving sport</i>	<i>Max.payload</i>
Compression damping low speed (klicks open or marking)		15		
Compression damping high speed (turns open)		40		
Rebound damping low speed (clicks open or marking)		25		
Rebound damping high speed (clicks open or marking)		15		
Spring preload		8 mm		

Static sag	38 mm
Riding sag	104 mm
Gas pressure	8 bar
Oil type	50180751
Oil viscosity	SAE 2.5
Bump rubber	50181100

HSRA Federrate	90 N/mm
spring + spacer length	43 mm
HSRA Art.No.	50181324
Rebounddisc height	5 mm
Shock stroke	138 mm
Shock length	477 mm

Spring	Riders weight	Spring rate	Spring description	Spring length	Part.-No.
<i>Spring soft opt. 2</i>					
<i>Spring soft opt. 1</i>	45-55 kg	36 N/mm	(62/65) 36-255	255 mm	91210128
Spring STANDARD	55-65 kg	39 N/mm	(62/65) 39-260	260 mm	91210123
<i>Spring hard opt. 1</i>	65-75 kg	42 N/mm	(62/65) 42-260	260 mm	91210124
<i>Spring hard opt. 2</i>	75-85 kg	45 N/mm	(62/65) 45-260	260 mm	91210100

Shims piston 1			
Qty	Compression	Qty	Rebound
1	16x20x0.15	20	16x19x0.30
1	16x22x0.20	1	16x22x0.20
1	16x24x0.20	1	16x24x0.20
1	16x26x0.20	1	16x26x0.20
1	16x28x0.20	1	16x28x0.20
1	16x30x0.20	1	16x30x0.20
1	16x32x0.20	1	16x32x0.20
1	16x34x0.20	1	16x34x0.20
1	16x36x0.20	1	16x36x0.20
1	16x38x0.20	1	16x20x0.15
1	16x40x0.20	8	16x36x0.15
1	16x44x0.20		
1	16x26x0.15		
5	16x44x0.20		
Piston-No.:	50180311		
Piston bleed:	1 mm		

Details compression unit		Shims Nut	
Qty	Description, dimension	Qty	Description, dimension
1	ressuredisc 5018055		
3	6x9x0.30		
1	6x10x0.15		
1	6x12x0.15		
1	6x14x0.15		
1	6x16x0.15		
1	6x18x0.15		
1	6x20x0.15		
1	6x22x0.15		
1	6x14x0.10		
3	6x22x0.15	Nut Nr.:	
		Spring Nr.:	
		Liftheight:	
Piston-No.:	50180565		
Spring:	50180594		

Comp. damping valve:

Note
different shim setting from 18180T07

SETTINGLIST SHOCK

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Article-No.:	18180T53	System:	linkage
Model description: (without year declaration)	KTM 250 SX USA Husqvarna TC 250 USA	Type:	XACT PRO 8950

	<i>driving comfort</i>	STANDARD	<i>driving sport</i>	<i>Max.payload</i>
Compression damping low speed (klicks open or marking)		15		
Compression damping high speed (turns open)		40		
Rebound damping low speed (clicks open or marking)		25		
Rebound damping high speed (clicks open or marking)		15		
Spring preload		7 mm		

Static sag	38 mm
Riding sag	104 mm
Gas pressure	8 bar
Oil type	50180751
Oil viscosity	SAE 2.5
Bump rubber	50181100

HSRA Federrate	90 N/mm
spring + spacer length	43 mm
HSRA Art.No.	50181324
Rebounddisc height	5 mm
Shock stroke	138 mm
Shock length	477 mm

Spring	Riders weight	Spring rate	Spring description	Spring length	Part.-No.
Spring soft opt. 2	55-65 kg	39 N/mm	(62/65) 39-260	260 mm	91210123
Spring soft opt. 1	65-75 kg	42 N/mm	(62/65) 42-260	260 mm	91210124
Spring STANDARD	75-85 kg	45 N/mm	(62/65) 45-260	260 mm	91210100
Spring hard opt. 1	85-95 kg	48 N/mm	(62/65) 48-260	260 mm	91210101
Spring hard opt. 2	95-105 kg	51 N/mm	(62/65) 51-260	260 mm	91210102

Shims piston 1			
Qty	Compression	Qty	Rebound
1	16x20x0.15	20	16x19x0.30
1	16x22x0.20	1	16x22x0.20
1	16x24x0.20	1	16x24x0.20
1	16x26x0.20	1	16x26x0.20
1	16x28x0.20	1	16x28x0.20
1	16x30x0.20	1	16x30x0.20
1	16x32x0.20	1	16x32x0.20
1	16x34x0.20	1	16x34x0.20
1	16x36x0.20	1	16x36x0.20
1	16x38x0.20	1	16x20x0.15
1	16x40x0.20	8	16x36x0.15
1	16x44x0.20		
1	16x26x0.15		
5	16x44x0.20		
Piston-No.:	50180311		
Piston bleed:	1 mm		

Details compression unit		Shims Nut	
Qty	Description, dimension	Qty	Description, dimension
1	ressuredisc 5018055		
3	6x9x0.30		
1	6x10x0.15		
1	6x12x0.15		
1	6x14x0.15		
1	6x16x0.15		
1	6x18x0.15		
1	6x20x0.15		
1	6x22x0.15		
1	6x14x0.10		
3	6x22x0.15		
		Nut Nr.:	
		Spring Nr.:	
		Liftheight:	
Piston-No.:	50180565		
Spring:	50180594		

Comp. damping valve:

Note

different shim setting from 18180T07

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SETTINGLIST SHOCK

AM

Article-No.:	18180T55	System:	linkage
Model description: (without year declaration)	KTM 250 SXF USA Husqvarna FC 250 USA	Type:	XACT PRO 8950

	<i>driving comfort</i>	STANDARD	<i>driving sport</i>	<i>Max.payload</i>
Compression damping low speed (klicks open or marking)		15		
Compression damping high speed (turns open)		40		
Rebound damping low speed (clicks open or marking)		25		
Rebound damping high speed (clicks open or marking)		15		
Spring preload		8 mm		

Static sag	40 mm
Riding sag	104 mm
Gas pressure	8 bar
Oil type	50180751
Oil viscosity	SAE 2.5
Bump rubber	50181100

HSRA Federrate	90 N/mm
spring + spacer length	43 mm
HSRA Art.No.	50181324
Rebounddisc height	5 mm
Shock stroke	138 mm
Shock length	477 mm

Spring	Riders weight	Spring rate	Spring description	Spring length	Part.-No.
Spring soft opt. 2	45-55 kg	36 N/mm	(62/65) 36-255	255 mm	91210128
Spring soft opt. 1	55-65 kg	39 N/mm	(62/65) 39-260	260 mm	91210123
Spring STANDARD	65-75 kg	42 N/mm	(62/65) 42-260	260 mm	91210124
Spring hard opt. 1	75-85 kg	45 N/mm	(62/65) 45-260	260 mm	91210100
Spring hard opt. 2	85-95 kg	48 N/mm	(62/65) 48-260	260 mm	91210101

Shims piston 1			
Qty	Compression	Qty	Rebound
1	16x21x0.15	20	16x19x0.30
1	16x22x0.20	1	16x22x0.20
1	16x24x0.20	1	16x24x0.20
1	16x26x0.20	1	16x26x0.20
1	16x28x0.20	1	16x28x0.20
1	16x30x0.20	1	16x30x0.20
1	16x32x0.20	1	16x32x0.20
1	16x34x0.20	1	16x34x0.20
1	16x36x0.20	1	16x36x0.20
1	16x38x0.20	1	16x20x0.15
1	16x40x0.20	8	16x36x0.15
1	16x42x0.20		
1	16x30x0.15		
6	16x44x0.20		
Piston-No.:	50180311		
Piston bleed:	1 mm		

Details compression unit		Shims Nut	
Qty	Description, dimension	Qty	Description, dimension
1	Pressuredisc 50180559		
3	6x9x0.30		
1	6x10x0.15		
1	6x12x0.15		
1	6x14x0.15		
1	6x16x0.15		
1	6x18x0.15		
1	6x20x0.15		
1	6x22x0.15		
1	6x14x0.10		
4	6x22x0.15	Nut Nr.:	
		Spring Nr.:	
		Liftheight:	
Piston-No.:	50180565		
Spring:	50180594		

Comp. damping valve:

Note

different shim setting from 18180T07

