

Front Suspension Spring Chart 2005 Ski-Doo Sleds

Model	Softer spring	type	spring rate (lb/in +- 10)	free length (mm) ±3	wire diameter (mm)±.05	color	Standard spring	type	spring rate (lb/in ±10)	free length (mm) ±3	wire diameter (mm)±.05	color	Stiffer spring	type	spring rate (lb/in ±10)	free length (mm) ±3	wire diameter (mm)±.05	color	
Mach Z	505 071 492	T	105	280	7.77	WH/RD/ GN	505 071 447	T	125	280	7.77	WH/BL/ GN	505 070 536	T	150	300	9.19	GR/WH/YL	
MX Z Adrenaline	505 071 129	T	75	314	7.77	GD/BK/ BK	505 071 257	T	90	314	8.25	SI/WH/B K	505 070 762	T	105	300	8.71	GR/GD/BK	
MX Z Trail	505 071 129	T	75	314	7.77	GD/BK/ BK	505 071 257	T	90	314	8.25	SI/WH/B K	505 070 762	T	105	300	8.71	GR/GD/BK	
MX Z X	505 071 129	T	75	314	7.77	GD/BK/ BK	505 071 388	Y	90	298	7.92	GN/WH/ RD	505 070 762	T	105	300	8.71	GR/GD/BK	
MX Z X Renegade	505 071 129	T	75	314	7.77	GD/BK/ BK	505 071 388	Y	90	298	7.92	GN/WH/ RD	505 070 762	T	105	300	8.71	GR/GD/BK	
MX Z Renegade	505 071 129	T	75	314	7.77	GD/BK/ BK	505 071 257	T	90	314	8.25	SI/WH/B K	505 070 762	T	105	300	8.71	GR/GD/BK	
MX Z X 440							505 071 677												
Summit Adrenaline	Not Applicable						505 071 461	T	75	280	7.49	GN/SI/B K	505 071 492	T	105	280	7.77	WH/RD/GN	
Summit X	Not Applicable						505 071 642	Y	75	280	7.49	GN/GN/ GN	505 071 492	T	105	280	7.77	WH/RD/GN	
Summit HM	505 071 461	T	75	280	7.49	GN/SI/B K	505 071 492	T	105	280	7.77	WH/RD/ GN	505 071 447	T	125	280	7.77	WH/BL/GN	
Summit X HM	505 071 461	T	75	280	7.49	GN/SI/B K	505 071 647	Y	105	280	7.77	WH/RD/ RD	505 071 447	T	125	280	7.77	WHBL/GN	
Spring Type			Description				Rate												
R	straight on both ends				single														
S	barrel shape on one end				single														
T	barrel shape on both ends				single														
U	barrel shape on one end with positioning tab at other end				single														
Y	barrel shape on both ends with positioning tab at the color code coils end				single														
2	barrel shape on both ends				dual														
4	barrel shape on both ends with positioning tab at the color code coils end				dual														
											SPRING COLOR CODES								
											BK = BLACK BL = BLUE GD = GOLD GN = GREEN OR = ORANGE PI = PINK RD = RED SI = SILVER WH = WHITE YL = YELLOW								

Center Spring Chart 2005 Ski-Doo sleds

Model	Softer spring	type	spring rate (lb/in +/- 10)	free length (mm) ±3	wire diameter (mm)±.05	color	Standard spring	type	spring rate (lb/in ±10)	free length (mm) ±3	wire diameter (mm)±.05	color	Stiffer spring	type	spring rate (lb/in ±10)	free length (mm) ±3	wire diameter (mm)±.05	color
Mach Z	503 189 325	T	150	242	8.25	YL/SI/YL	503 189 659	T	180	242	8.71	BL/RD/YL	503 189 686	T	200	242	9.19	RD/SI/YL
MX Z Adrenaline	503 189 812	2	125-200	250	8.41	BL/GR/YL	503 190 476	R	210	64.6	6.65	BL/SI/YL	503 190 476	R	210	64.6	6.65	BL/SI/YL
							503 190 478	S	240	178	9.19	GN/SI/YL	503 190 480	S	275	178	9.52	GN/GD/RD
MX Z Trail	503 189 659	T	180	242	8.71	BL/RD/YL	503 189 686	T	200	242	9.19	RD/SI/YL	503 190 283	T	400	232	12.19	GD/BL/YL
MX Z X	415 070 500	T	135	242	8.41	BL/YL/YL	503 189 325	T	150	242	8.25	YL/SI/YL	503 189 659	T	180	242	8.71	BL/RD/YL
MX Z X Renegade	503 189 812	2	125-200	250	8.41	BL/GN/YL	503 190 476	R	210	64.6	6.65	BL/SI/YL	503 190 476	R	210	64.6	6.65	BL/SI/YL
							503 190 478	S	240	178	9.19	GN/SI/YL	503 190 480	S	275	178	9.52	GN/GD/RD
MX Z Renegade	503 189 812	2	125-200	250	8.41	BL/GN/YL	503 190 476	R	210	64.6	6.65	BL/SI/YL	503 190 476	R	210	64.6	6.65	BL/SI/YL
							503 190 478	S	240	178	9.19	GN/SI/YL	503 190 480	S	275	178	9.52	GN/GD/RD
MX Z X 440							503 191 019	S	155	205	7.77	WH/RD/BK						
Summit Adrenaline	503 190 476	R	210	64.6	6.65	BL/SI/YL	503 190 471	R	215	64	6.35	WH/WH/YL	503 190 471	R	215	64	6.35	WH/WH/YL
	503 190 478	S	240	178	9.19	GN/SI/YL	503 189 990	S	275	189	9.19	GD/WH/YL	503 189 999	S	325	189	9.52	GD/SI/YL
Summit X	503 190 476	R	210	64.6	6.65	BL/SI/YL	503 190 471	R	215	64	6.35	WH/WH/YL	503 190 471	R	215	64	6.35	WH/WH/YL
	503 190 478	S	240	178	9.19	GN/SI/YL	503 189 990	S	275	189	9.19	GD/WH/YL	503 189 999	S	325	189	9.52	GD/SI/YL
Summit HM	503 190 471	R	215	64	6.35	WH/WH/YL	503 190 982	R	215	64	6.35	WH/WH/YL	503 189 659	T	180	242	8.71	BL/RD/YL
	503 189 990	S	275	189	9.19	YL	503 190 854	S	275	189	9.19	GD/WH/YL						
Summit X HM	503 190 471	R	215	64	6.35	WH/WH/YL	503 190 982						503 189 659	T	180	242	8.71	BL/RD/YL
	503 189 990	S	275	189	9.19	YL	503 190 854											

Spring Type	Description	Rate	SPRING COLOR CODES
R	straight on both ends	single	BK = BLACK BL = BLUE GD = GOLD GN = GREEN OR = ORANGE PI = PINK RD = RED SI = SILVER WH = WHITE YL = YELLOW
S	barrel shape on one end	single	
T	barrel shape on both ends	single	
U	barrel shape on one end with positioning tab at other end	single	
Y	barrel shape on both ends with positioning tab at the color code coils end	single	
2	barrel shape on both ends	dual	
4	barrel shape on both ends with positioning tab at the color code coils end	dual	

