

COIL-OVER FRONT SUSPENSION SET-UP GUIDE

Setting the sag of your snowmobile is fundamental to the performance of your vehicle. Dial in sag to ensure your front and rear suspension is balanced. The sag setting recommended below is a general starting point for a 180-220lb rider. Optimal sag results may vary depending on rider preference, snow conditions, and rider weight. See 605-01-234 Owner's Manual for full sag setting directions.

NOTICE: Install the shock absorber with the proper orientation of the reservoir, body end of the shock absorbers should be mounted to the chassis. This allows for less un-sprung weight. Torque all fasteners to manufacturers specifications.

ARCTIC CAT						
FOX PN	DESCRIPTION	LENGTH	TRAVEL	SAG	INSTALLED SPRING LENGTH	SPRING RATE
850-02-036	1.5 ZERO QS3-QSR LW	16.39"	5.01"	11.49"	10.38"	110lb
LYNX						
FOX PN	DESCRIPTION	LENGTH	TRAVEL	SAG	INSTALLED SPRING LENGTH	SPRING RATE
850-02-029	1.5 ZERO QS3-QSR LW	17.61"	5.93"	12.33"	10.38"	100lb
POLARIS						
FOX PN	DESCRIPTION	LENGTH	TRAVEL	SAG	INSTALLED SPRING LENGTH	SPRING RATE
850-02-033	1.5 ZERO QS3 LW	15.95"	5.55"	11.17"	10.25"	95lb
850-02-027	BURANDT SIGNATURE SERIES, 1.5 ZERO QS3 LW	15.95"	5.55"	11.17"	10.25"	95lb
SKI-DOO						
FOX PN	DESCRIPTION	LENGTH	TRAVEL	SAG	INSTALLED SPRING LENGTH	SPRING RATE
850-02-029	1.5 ZERO QS3-QSR LW	17.61"	5.93"	12.33"	10.38"	100lb

SPRING OPTIONS				
FOX PN	SPRING LENGTH	SPRING RATE	SPRING TRAVEL	SPRING TYPE
039-23-603	6.00"	125lb	2.45"	STANDARD
039-23-604	6.00"	165lb	2.59"	STANDARD
033-24-095-6	10.75"	95lb	6.18"	LIGHTWEIGHT
033-24-100-6	10.75"	100lb	7.25"	LIGHTWEIGHT
033-24-110-6	11.00"	110lb	5.60"	LIGHTWEIGHT
033-24-125-6	8.00"	125lb	4.60"	LIGHTWEIGHT
033-24-135-6	8.00"	135lb	4.60"	LIGHTWEIGHT
033-24-140-6	8.05"	140lb	4.30"	LIGHTWEIGHT
033-24-150-6	8.00"	150lb	5.08"	LIGHTWEIGHT
033-24-175-6	8.00"	175lb	5.27"	LIGHTWEIGHT
033-24-185-6	11.00"	185lb	5.60"	LIGHTWEIGHT
033-24-201-6	11.00"	200lb	5.80"	LIGHTWEIGHT
033-24-220-6	11.00"	220lb	5.60"	LIGHTWEIGHT
039-64-011-6	11.00"	125lb	7.50"	STANDARD
039-97-075-6	11.00"	75lb	3.60"	STANDARD
039-97-080-6	11.00"	80lb	3.46"	STANDARD
039-97-090-6	11.00"	90lb	3.14"	STANDARD
039-97-100-6	11.00"	100lb	3.80"	STANDARD
039-97-110-6	11.00"	110lb	3.51"	STANDARD
039-97-125-6	11.00"	125lb	4.00"	STANDARD
039-97-140-6	11.00"	140lb	4.00"	STANDARD
039-97-175-6	11.00"	175lb	4.50"	STANDARD