

# 2016/17 BINDING ADJUSTMENT

## DETERMINING INDICATOR VALUE SETTINGS, INSPECTION RANGE AND IN-USE RANGE

Using the 2016/17 Rossignol Group Binding Adjustment Chart (page 49), follow the steps below to find the correct INDICATOR VALUE SETTING for each skier; and the correct INSPECTION RANGE and IN-USE RANGE referenced when testing boot/binding systems:

### STEP ONE: WEIGHT AND HEIGHT

1. Find the skier's weight and height in the two left hand columns.
2. Move to the next column to the right to find the corresponding the Skier Code letter[s].
3. If the skier's weight and height generates two different Skier Codes, choose the one closest to the top of the chart (example: if Skier Code 'H' and 'I', use 'H').

### STEP TWO: SKIER TYPE (see chart on page 37)

1. This chart applies to skier Type I.
  2. For skier Type II, move down one row (ex: Skier Code 'H' becomes 'I').
  3. For skier Type III, move down two rows (ex: Skier Code 'H' becomes 'J').
- Except for skiers less than 48lbs – move one row maximum.**

### STEP THREE: AGE OF SKIER

1. For skiers ages 50 and over, move up the chart one row (ex. Skier Code 'H' becomes 'G').
2. For skiers ages 9 and younger, move up the chart one row (ex. Skier Code 'F' becomes 'E').

### STEP FOUR: BOOT SOLE LENGTH

1. Using the Skier Code and Boot Sole Length (mm) as references, determine the Indicator Value Indicator Setting.
  - a. *Note: if the corresponding box has no value, move across the row to nearest box with a value.*

### STEP FIVE: INSPECTION RANGE and IN-USE RANGE

1. Follow the designated Skier Code across the chart to the TORQUE RANGE columns.
2. The number in each TORQUE RANGE column, directly across from the designated Skier Code is the REFERENCE TORQUE.
  - a. The REFERENCE TORQUE is not a target value, it is only a reference point for determining the INSPECTION RANGE and IN-USE RANGE.
3. The INSPECTION RANGE is designated by the numbers directly above and below the REFERENCE TORQUE (see example below).
4. The IN-USE RANGE is designated by the numbers two rows above and below the REFERENCE TORQUE (see example below).

23
27
31
37
43

#### EXAMPLE:

- Using Skier Code 'H' will give a REFERENCE TORQUE of 31 Nm (TWIST)
- The numbers above and below that REFERENCE TORQUE is the INSPECTION RANGE for TWIST: 27 – 37 Nm
- The numbers two rows above and below the REFERENCE TORQUE is the IN-USE RANGE for TWIST: 23-43 Nm

*\*Reference to Skier Classification System in the Rossignol Group Technical Manual.*

- **Do not use any other chart to adjust Rossignol Group bindings. This chart is effective July 2016.**
- Only use the Rossignol Group's most current indicator setting chart (as shown in this year's Manual).
- This binding adjustment chart is for the setting and inspection of ski equipment to be dispatched to the skier.
- The information contained in this chart is not appropriate for post-accident evaluation, as the acceptable range of performance for systems after they have put into use is broader than the tolerances that are expected of systems on the workbench.
- Follow the instructions in the Discretionary Setting Section (page 51) of the Rossignol Group Manual for those skier's who have special concerns or those who are not satisfied by the setting generated by this chart.

**NOTE:** The initial indicator settings found in this table are only the starting point in the boot/binding system setting process. The initial values may need to be modified to achieve the correct measured release values.

	Weight (lb) (Kg)	Height (ft' / in") (cm)	SKIER CODE	INDICATOR SETTING sole lenth (mm)								SKIER CODE	TORQUE RANGE	
				1	2	3	4	5	6	7	8		Twist (Nm.)	Lean (Nm.)
				≤ 230	231-250	251-270	271-290	291-310	311-330	331-350	≥ 351			
													5	18
Skiers less than 48lbs MAXIMUM INCREASE ONE ROW	22-29 10-13		A	.75	.75	.75						A	8	29
	30-38 14-17		B	1	.75	.75	.75					B	11	40
	39-47 18-21		C	1.5	1.25	1.25	1					C	14	52
	48-56 22-25		D	2	1.75	1.5	1.5	1.25				D	17	64
	57-66 26-30		E	2.5	2.25	2	1.75	1.5	1.5			E	20	75
	67-78 31-35		F	3	2.75	2.5	2.25	2	1.75	1.75		F	23	87
	79-91 36-41		G		3.5	3	2.75	2.5	2.25	2		G	27	102
	92-107 42-48	≤4'10" ≤148	H			3.5	3	3	2.75	2.5		H	31	120
	108-125 49-57	4'11"- 5'1" 149-157	I			4.5	4	3.5	3.5	3		I	37	141
	126-147 58-66	5'2"- 5'5" 158-166	J			5.5	5	4.5	4	3.5	3	J	43	165
	148-174 67-78	5'6"- 5'10" 167-178	K			6.5	6	5.5	5	4.5	4	K	50	194
	175-209 79-94	5'11"- 6'4" 179-194	L			7.5	7	6.5	6	5.5	5	L	58	229
	≥ 210 ≥ 95	≥6'5" ≥ 195	M				8.5	8	7	6.5	6	M	67	271
			N				10	9.5	8.5	8	7.5	N	78	320
			O				11.5	11	10	9.5	9	O	91	380
			P						12	11	10.5	P	105	452
													121	520
													137	588

Note 1: For skiers 29lbs and under, no further correction is appropriate.

Note 2: For skiers 38lbs and under, Skier Type (-I) is inappropriate.



THIS CHART IS EFFECTIVE JULY 2016.