

Synergy Universal 2-Cam System

The Synergy Universal Cam is the most advanced entry-level two-cam system available. Both draw weight and draw length adjustments are incorporated into the design and can be changed without the use of a bow press.

The system comes with three pairs of modules (8912, 8913 and 8914) that allow 6 different draw length settings and 3 different weight settings. Each system will function on both right-handed and left-handed bows. The illustration below will show a right-handed installation. Left-handed will be mirror image of all diagrams.

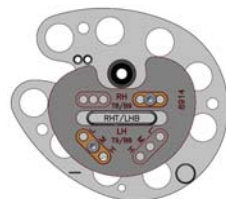
Each cam is marked "RHT/LHB" (Right-Hand Top or Left-Hand Bottom) or "RHB/LHT" (Right-Hand Bottom or Left-Hand Top) for easy identification.

- Selecting the draw length setting:** From the charts provided, select the Module size needed for the desired draw length. For example, a 28" Nova uses a #8 module. From the table below, select the module required. For the 28" Nova the 8914 Module is used in the flipped over position. Place module on the cam but do not install the screws at this point.

Module Number	Size (normal)	Size (flipped over)
8912	#11	#6
8913	#10	#7
8914	#9	#8

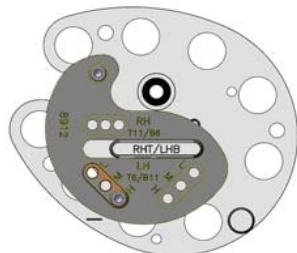


Normal

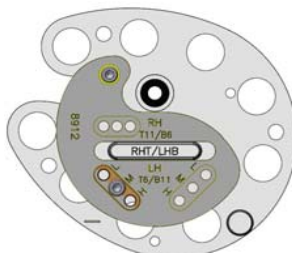


Flipped over

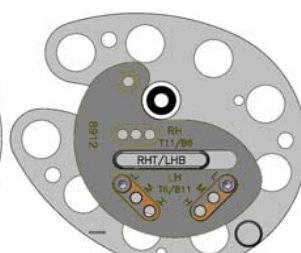
- Selecting the draw weight setting:** From the charts provided, select the draw weight desired. For example, a 28" Nova with a 65-pound peak draw weight would use the "M" (Medium) setting. With the module in the proper position on the cam, move the module until the hole marked "M" in the module is aligned with the threaded hole in the cam, as shown below. Secure the module to the cam in two places with the washers and screws provided. Repeat this operation for the cam on the other end of the bow. Weight adjustments can also be made by turning the limb bolts either in or out. **NEVER TURN THE LIMB BOLT OUT MORE THAN 4 TURNS FROM THE FULLY BOTTOMED POSITION.**



"H" Position
(Heavy)



"M" Position
(Medium)



"L" Position
(Light)

- NOTES:** When changing weight using module adjustments, the following can be expected: from Light "L" to Medium "M", draw length increased by $\frac{1}{4}$ ". From Medium "M" to Heavy "H", draw length increases $\frac{1}{4}$ ". Be aware that let-off varies with draw length changes. Some variations in Let-off, length of "valley" and firmness of "wall" may occur when changing module settings.

Synergy Universal 2-Cam System

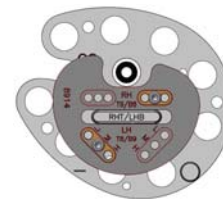
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The system comes with three pairs of modules (8912, 8913 and 8914) that allow 6 different draw length settings and 3 different weight settings. Each system will function on both right-handed and left-handed bows. The illustration below will show a right-handed installation. Left-handed will be mirror image of all diagrams.

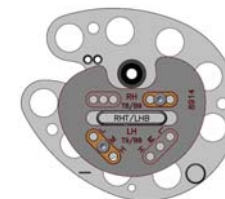
Each cam is marked "RHT/LHB" (Right-Hand Top or Left-Hand Bottom) or "RHB/LHT" (Right-Hand Bottom or Left-Hand Top) for easy identification.

- Selecting the draw length setting:** From the charts provided, select the Module size needed for the desired draw length. For example, a 28" Nova uses a #8 module. From the table below, select the module required. For the 28" Nova the 8914 Module is used in the flipped over position. Place module on the cam but do not install the screws at this point.

Module Number	Size (normal)	Size (flipped over)
8912	#11	#6
8913	#10	#7
8914	#9	#8

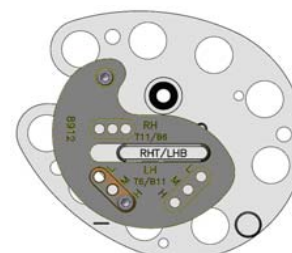


Normal

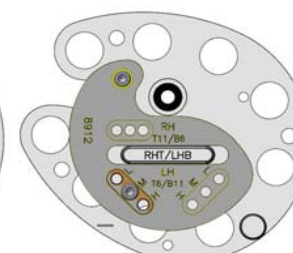


Flipped over

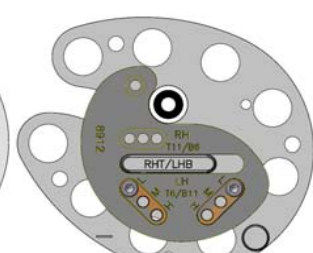
- Selecting the draw weight setting:** From the charts provided, select the draw weight desired. For example, a 28" Nova with a 65-pound peak draw weight would use the "M" (Medium) setting. With the module in the proper position on the cam, move the module until the hole marked "M" in the module is aligned with the threaded hole in the cam, as shown below. Secure the module to the cam in two places with the washers and screws provided. Repeat this operation for the cam on the other end of the bow. Weight adjustments can also be made by turning the limb bolts either in or out. **NEVER TURN THE LIMB BOLT OUT MORE THAN 4 TURNS FROM THE FULLY BOTTOMED POSITION.**



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(Heavy)



"M" Position
(Medium)



"L" Position
(Light)

- NOTES:** When changing weight using module adjustments, the following can be expected: from Light "L" to Medium "M", draw length increased by $\frac{1}{4}$ ". From Medium "M" to Heavy "H", draw length increases $\frac{1}{4}$ ". Be aware that let-off varies with draw length changes. Some variations in Let-off, length of "valley" and firmness of "wall" may occur when changing module settings.

Nova and Bruin Universal

Module No.	Weight Setting	Approx. Draw Length	Approx Weight Range	
			60# Peak	70# Peak
11	H	31 ½	40-60	50-70
11	M	31 ¼	35-55	45-65
11	L	31	30-50	40-60
10	H	30 ½	40-60	50-70
10	M	30 ¼	35-55	45-65
10	L	30	30-50	40-60
9	H	29 ½	40-60	50-70
9	M	29 ¼	35-55	45-65
9	L	29	30-50	40-60
8	H	28 ½	40-60	50-70
8	M	28 ¼	35-55	45-65
8	L	28	30-50	40-60
7	H	27 ½	40-60	50-70
7	M	27 ¼	35-55	45-65
7	L	27	30-50	40-60
6	H	26 ½	40-60	50-70
6	M	26 ¼	35-55	45-65
6	L	26	30-50	40-60

Dakota Synergy Universal

Module No.	Weight Setting	Approx Draw Length	Approx Weight Range	
			60# Peak	70# Peak
11	H	32 ½	40-60	50-70
11	M	32 ¼	35-55	45-65
11	L	32	30-50	40-60
10	H	31 ½	40-60	50-70
10	M	31 ¼	35-55	45-65
10	L	31	30-50	40-60
9	H	30 ½	30-60	50-70
9	M	30 ¼	35-55	45-65
9	L	30	30-50	40-60
8	H	29 ½	40-60	50-70
8	M	29 ¼	35-55	45-65
8	L	29	40-50	40-60
7	H	28 ½	40-60	50-70
7	M	28 ¼	35-55	45-65
7	L	28	30-50	40-60
6	H	27 ½	40-60	50-70
6	M	27 ¼	35-55	45-65
6	L	27	30-50	40-60

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10	L	30	30-50	40-60
9	H	29 ½	40-60	50-70
9	M	29 ¼	35-55	45-65
9	L	29	30-50	40-60
8	H	28 ½	40-60	50-70
8	M	28 ¼	35-55	45-65
8	L	28	30-50	40-60
7	H	27 ½	40-60	50-70
7	M	27 ¼	35-55	45-65
7	L	27	30-50	40-60
6	H	26 ½	40-60	50-70
6	M	26 ¼	35-55	45-65
6	L	26	30-50	40-60

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10	M	31 ¼	35-55	45-65
10	L	31	30-50	40-60
9	H	30 ½	30-60	50-70
9	M	30 ¼	35-55	45-65
9	L	30	30-50	40-60
8	H	29 ½	40-60	50-70
8	M	29 ¼	35-55	45-65
8	L	29	40-50	40-60
7	H	28 ½	40-60	50-70
7	M	28 ¼	35-55	45-65
7	L	28	30-50	40-60
6	H	27 ½	40-60	50-70
6	M	27 ¼	35-55	45-65
6	L	27	30-50	40-60