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**SPARK R&D**

The splitboard binding company.

Rider: Frankie Devlin Photo: Justin Kious

2013/2014 SPARK R&D CATALOG

Inventors of the first ever splitboard specific binding – catalyst for the worldwide splitboarding revolution.

Based out of Bozeman, Montana USA, Spark R&D is rider owned and operated, dedicated to pushing innovation in the sport of splitboarding since 2006. With a view of the Bridger Mountains from our shop, we design and build bindings and accessories with backcountry performance coming first.

From machining to anodizing, printing to assembly – everything is done by a skilled team of workers who are also passionate splitboarders. In-house design and manufacturing capabilities allow our products to quickly evolve and provides us the flexibility to cater to niche customers within the worldwide splitboarding market. Year after year, Spark R&D steps it up; seeking perfection based on rider feedback, keeping pace with the rapidly expanding splitboard community.

Spark R&D, breaking trail since 2006.

World Renowned Spark Riders: Ryland Bell, Johan Olafsson, Kyle Miller, Neil Provo, Marcin Jaskolka, Wyatt Caldwell, Alex Yoder, Kevin Jones, Chris Coulter, Bryan Iguchi, Chad Otterstrom, Skylar Holgate, Blair Habernicht, Will Brommelsiek, Luca Pandolfi, Sean Busby, Tamo Campos, and many more.

Select Awards: Backcountry Magazine Editor's Choice (2010, 2012, 2013), Snowboard Magazine Platinum Pick (2011, 2012), Prospera Business Network Entrepreneur of the Year (2011), Transworld Snowboarding Editor's Pick (2010), SIA Snow Show Daily Snowpress Innovation Award (2010), ISPO Brand New Award for International Innovation (2010)



Introducing the Tesla System, the next generation in splitboard binding anatomy.

TESLA SYSTEM

Combining the most tried and true elements of our standard binding line with the best features of the Edison interface concept, the new Tesla System is the culmination of our years on the skin track, riding backcountry and our devotion to detail back at the drawing board. Tesla is our new splitboard binding anatomy with touring brackets, crampons, and climbing wires all working together with no unnecessary moving parts— just clean, simple design that raises the bar in splitboard binding technology and performance once again.

Tesla System features:

Snap Ramps: Our new, hinged toe ramp design locks you into touring and ride modes with just one moving part for super fast transitions. No pins, no cables, no fiddle factor.

Side-Lock Touring Brackets: Clog-free brackets make switchovers efficient and painless. Slide bindings from left to right onto the offset brackets, lock down the toe ramp and you're set for touring. New crampon mounting claws for quick and easy installation and removal; you never even have to unstrap.



Fatty Climbing Wires and Heel Plate: Now integrated into the binding baseplate, our new 12 and 18 degree climbing wires provide skinning stability and Achilles comfort on the way up. Designed the full width of the binding, they put your edging power right where it belongs – on the edges! Easily operated with the tip of your ski pole. Wires step down onto heel plate designed to take the brute force off of your top sheet, and keep your wires from ever collapsing.



Sabretooth Crampons: We've reduced the packing size and eliminated all moving parts on our new Tesla specific crampons. Super easy installation and removal on the fly directly into and out of the touring bracket claw mounts. Teeth are fully pushed into the snow with both wire heights for secure ascents on steep, firm snow. 20% weight savings over Mr. Chomps.



Voile Puck Compatibility: The time-tested Voile pucks remain the most functional, and snow-clearing way to attach your splitboard bindings to the board in ride mode. New for this season, these puck parts can be bought directly from us! When paired with a factory splitboard and Voile pucks, the Tesla system is ready to ride. Tesla System bindings are also compatible with DIY pucks.





Rider: Neil Provo Photo: Ian Provo

- All of our splitboard bindings are CNC machined from billet aluminum for maximum strength.
- Custom splitboard specific highback has wide range of forward lean. From -5° for striding on the flats to $+25^{\circ}$ for carving ice. Find your sweet spot, it's all there. Lateral slots in highback accommodate booster strap for additional support and comfort on firm skin tracks.
- Plastics and buckles are low-profile to keep out of the way while skinning. Designed to Spark R&D specs, these parts are manufactured with Burton's time-tested and bomber secret recipe of materials.
- 3-D ankle and toe straps are pre-curved and made to Spark R&D specs with Burton fabrics – the industry leader in quality and durability.

AFTERBURNER Weight: 3.51 lb/pr (1592g)

The AfterBurner is stiff and powerful for big mountain charging. Featuring the new Tesla System, this binding keeps a solid baseplate for max stiffness our bigger riders can trust. The highback is super stiff both torsionally and fore-aft for the aggressive rider looking for response. Ankle straps are wide and supportive and toe cap straps keep the rider firmly in place at mach speed.



BRONZE

BLACK



RED



MAGNETO Weight: 3.26 lb/pr (1480g)

The Magneto is our lightweight, nimble, pow slashing machine. Featuring the new Tesla System, with maximum baseplate cutouts to shave weight, this binding is unstoppable. For long tours, epic overnights, slaying pow, and weaving through trees, this binding is an all-around dream. The highback is soft torsionally for mobility while stiff fore-aft for heelside turn support. Ankle straps are supportive, but flexible for quick turns. Inside of toe straps feature new gripmatic fabric to insure they stay put right where you need them.



BLACK

LICHEN



BLUE





Rider: Kyle Miller Photo: Jason Hummel

SIZING	USM	USW	EUR	EUR
SM	<8	<9	<40	<25
MED	8-10.5	9-11.5	40-43	25-27.5
LRG	11+	12+	43.5+	28+

BURNER Weight: 3.52 lb/pr (1598g)

Our most acclaimed binding ever. The big mountain brother to the Blaze: stiffer components designed specifically for our big mountain riders and those who prefer high-speed aggressive shredding. Comes with stainless steel pins, solid baseplate, stiff highback, wide ankle strap and toe caps – your recipe for pointing it.

Available in Black/Red



BLAZE Weight: 3.23 lb/pr (1466g)

The best selling splitboard binding on the market for three years running now, the Blaze was designed for the all-around adventurer looking for lightweight touring deep into the backcountry. Comes with stainless steel pins, durable straps and flexible highback for a comfortable tour and surfy ride down.

Available in Black/Slate



SPLITBOARD CRAMPONS

It's happened to everyone. The skin track gets steep and icy, you get a little shaky, and next thing you know you're careening backwards, lose your balance and end up with a face full of snow. AND you're back where you started. Don't let this happen to you! Our crampons are your ticket to the top. Drop them in and enjoy 4-wheel drive for your splitboard.

	Sizing	Inside Width
Regular	boards 26cm waist or less (most boards)	13.8cm
Wide	boards 26cm – 28.5cm waist (select boards)	14.8cm

SABRETOOTH Weight: 10 oz (296g)/pr - 20% weight savings

Brand new for the 13/14 season, specifically designed to integrate with the new Tesla System. Super easy installation and removal on the fly by sliding sideways into and out of the Tesla touring bracket claw mounts. Teeth are fully pushed into the snow by either climbing wire for secure ascents on steep, firm snow.



BRONZE

BLACK



RED

MR CHOMPS Weight: 13 oz (371g)/pr

Same great design 4 years running. Lean forward to easily position crampons under the touring pin and remove the same way. Riser mounted on crampon keeps same depth of teeth in snow when using heel lifts. Can use in free or fixed mode depending on the terrain and snow surface. Compatible with all Spark R&D standard bindings and work seamlessly with the LT Pin System.



Available in Black.



Rider: Will Brommelsiek Photo: Canyon Florey



LT PIN SYSTEM

Our "LT" or "Lightweight Touring" pin system is an aluminum pin and bracket combination used to upgrade our standard binding line. Originally designed for splitboarders looking for better performance and durability, the LT Pin system is stiffer, lighter, and slop free for a more efficient tour - Saves 115g/pr off your rig. Available for Blaze/Burner models only.

Color: Black

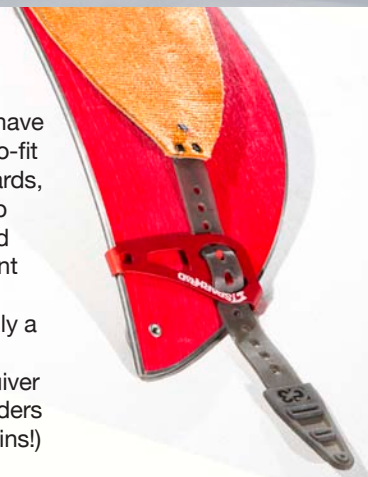


TAILCLIPS

No more losing your skins on the skin track! Who would have thought? The revolutionary Spark R&D Tailclips are a retro-fit addition to any skins. Tour with confidence, even backwards, knowing your skins are securely in place. Asymmetric clip designed specifically for splitboards is easy to secure and remove and keeps skin tensioned parallel to length. Patent Pending.

- Compatible with all skin models. Installation requires only a hammer and scissors.
- 10cm of tool-free length adjustment to fit your whole quiver
- Kit includes stretchers, clips, rivets, and webbing extenders for those of you with crazy long boards (or crazy short skins!)

Colors: Black, Red



SPLITBOARD SKINS

Sm: 145-159 cm / Med: 159-173 cm / Lrg: 168-182cm

The popularity of our skin debut last season left us awestruck, and we were sold out quicker than a One Direction concert. Back with a vengeance for 13/14, our skins feature the same G3 high traction skin material, patent pending tail clips, killer (GN)ARgyle print, and custom skin bag. Order early!



STRAPPY STRAP

The strappy strap fits through vertical highback slots to provide increased ankle support on icy skin tracks, especially when using crampons. Compatible with all Spark R&D binding models made after 2009.

Colors: Red, Black.



VERTS

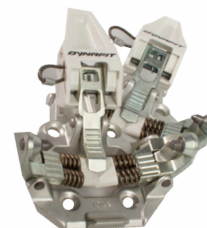
When skinning just isn't an option, post-holing shouldn't be either. Spark R&D has collaborated with Verts for the third season in a row to offer a split friendly climbing alternative – the first ever splitboard specific snowshoe.

- Slide your Spark binding directly onto the adapter, no need for a separate snowshoe binding.
- Designed specifically for ascending steep slopes.
- Compact 18.75" x 8.5" (48cm x 22cm) footprint.
- Toe forward design for fatigue-free front pointing.
- High performance non-stick, super tough nylon.
- Lightweight 2.5 lbs (1130g) / pr



DYNAFIT ADAPTERS

Our Dynafit adapters allow drill free use of Dynafit speed radical toe pieces for the part-time or full-time hardboot rider. Bindingless touring reduces weight for less fatigue and more pow turns. Toe pieces also available.



SPARK APPAREL

T-Shirts and Hoodies. When worn with shoes, allows you ticket-free access to most public places!
Designs: Spark Mountain Logo, Split Kit (Winner of 2012 T-shirt design contest!)



SPARES & ACCESSORIES

Voile Pucks Only – New for this season, get your pucks directly from Spark! When paired with a factory splitboard and the Magento or AfterBurner bindings, your setup is complete.

Pocket Tool – Your ally in the backcountry, this tool has everything you need to adjust/repair your splitboard setup.

Stainless Steel Spare Pins – Pins that are spares made of steel that is stainless. Available for Blaze/Burner. (not pictured)

LT Spare Pins – Aluminum spare pins for the cool kids with the LT Pin System. Available for Blaze/Burner only. Black.



KITS

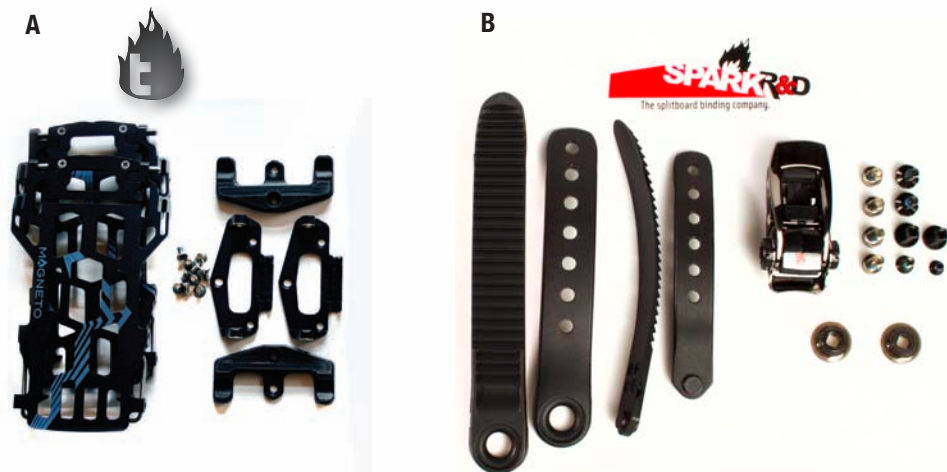
LT Bracket Only Kit (not pictured) – For your second splitboard set up, LT Style. Comes with LT brackets, LT Shorty Bars for Chomps compatibility, and screws. Black.

(A) Tesla System Baseplate Kit – For the split nerds who already have a fresh set of Spark bindings, but just have to have the new Tesla system. Switch the heel loop, ankle and toe straps onto the new base and you are rockin' with Tesla (the guy, not the band). Comes with baseplate, Tesla bracket, heel plate, and a bunch of screws. Only compatible with 11/12 or 12/13 Spark binding models. Available as Magneto or AfterBurner kit. Black Only.

Tesla 2nd Board Kit – For your second board set up, Tesla style. Comes with Tesla brackets, Heel Plate, and screws. Pair it up with Voile Pucks only and you're 100% good to go. Black.

Dealer Kit – Includes everything you need to service your Spark binding fleet.

(B) Backcountry Kit – Includes everything you need to ensure you're touring out instead of post-holing. Spare plastics, screws, and buckles.



“ I ride Spark bindings because they are simple, strong, and I can trust them. I have ridden hands down the heaviest lines of my life on my splitboard and I wouldn't be able to do that without having total faith in my equipment. ”

– Ryland Bell