



MADE IN THE USA

2018/2019
CATALOG

Spark R&D

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Cover: Luca Pandolfi surfing the French Alps
Photo: Guillaume Le Guillou

SPARK CHRONICLES

Based out of Bozeman, MT, USA, Spark R&D is rider owned and operated - dedicated to pushing innovation in splitboarding since 2006.

The experience of designing and manufacturing our Pillow Line straps in-house last season was exciting, and the response from splitboarders was unreal. Heading into 2018/19 we want to keep stretching the limit of what is possible.

Our new Arc & Surge PRO bindings show off our expertise and attention to detail with carbon reinforced nylon highbacks, Pebax® plastics, 7075 aluminum parts, and custom hardware. They are the lightest, strongest, highest performing splitboard bindings in the world, all with no compromises. We also debut our Fusion molded touring bracket, nesting Ibex crampons including a PRO option, T1 Step Lockers, Tip & Tail clips, a Spark Tech Toe, and Spark Solid Board Pucks. Really. All of that. And, actually, a bit more.

In our haze of development, we want to take a moment to say thank you. For supporting us, for believing in us. For getting out in the backcountry, and taking the time to enjoy the world in its purest form. Your enthusiasm and energy are what drive us forward. **Thanks for riding with us!** 🔥



Splitboarders: Tanner Crow & Mike Meru
Photo: Michael Aashelm

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TEAM RIDERS



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Luca Pandolfi



Aurelien Routens



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Mike Handford



Sammy Luebke

AMBASSADORS



Spark Ambassador: Free Flyin' Frankie Devlin
Photo: Colin Wiseman



Iris Lazzareschi



Tamo Campos



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Claudia Avon



Sean Busby



Marcin Jaskolka



Chris Coulter



Scott Newsome



Skylar Holgate



Yuske Hirota



Neil McNab

GUIDE CREW



Rider: Jean Louis Saint Arneault
Photo: Guillaume Le Guillou

SPLITBOARD BINDINGS & TECHNOLOGY



Tesla T1

Binding System



T1 BINDING ANATOMY

- **Whammy Bar:** A single fatty wire with a side arm lever. You can switch easily from stowed, to low (12°), to high (18°) climbing positions and back again while touring.
- **T1 Heel Rest:** Catches the climbing wire in the 12° and 18° positions.
- **Snap Ramps:** T1 bindings slide sideways into offset touring brackets and are locked into place with our newly optimized snap ramps. No pins, no cables, no fiddle factor.
- **NEW Fusion Molded Touring Brackets:** One piece design combines bushings and bracket into one piece, made entirely of a self lubricating bushing grade of plastic. Fusion brackets are the new standard in 18/19, coming with all Men's and Women's Arc and Surge including Pro Models. Back compatible with all Ibex crampons and previous year Tesla and T1 bindings.
- **Puck Compatibility:** Slide the bindings on and snap the ramp down to install. Flip the ramp up and slide the bindings off to remove. The most functional and intuitive way to attach your bindings to your board in ride mode.

U.S and international Patents

PILLOW LINE STRAPS

Pillow Line straps were introduced last season as the new standard on our T1 binding line and the response has been amazing. These award-winning straps have exceeded the expectations of their epic feature list, not to mention, they are made at Spark R&D in the USA (even our molds were made in-house!).

- **Super Light** - An average 50% weight savings over our previous fabric straps.
- **Durable** - Can withstand the abuse of touring and riding in the backcountry.
- **Waterproof** - Will not take on water weight in warm conditions, or freeze when temperatures drop. Snow simply doesn't stick.
- **Comfortable** - Thin, flexible pillow faces are the only parts that contact the boot. Thicker ribs and attachment points are held off the boot to maintain comfort. Soft and firm at the same time in a single piece.
- **Stiff or Flexible** - Arc ankle straps have a smaller footprint and a flex window for max agility, while Surge ankle straps have a wide, asymmetric footprint for incredible lateral support.
- **Solid One Piece Construction** - No glue, stitching, rivets, or foam to pack out over time.
- **Great Fit** - All straps are ergonomically designed around 3D scans of popular snowboard boots.

Patented



RIP 'N' FLIP HIGHBACK

Our Rip 'N' Flip highback has an extensive list of rad features splitboarders can fully appreciate.

- Tool free micro-adjustable from 0° to 22° for complete customization of your forward lean angle.
- Flippin' FLAD toggles between your forward lean angle and -13° touring position for easy transitions.
- Unique re-curve design slopes gently outward at the heel for maximum comfort in tour mode.
- Shape modeled after 3D scans of popular snowboard boots so you know they have a great fit.
- Made with proprietary custom blended materials for improved strength and durability, while minimizing weight.
- Minimalist goals meet precision design, no padding is needed, shaving weight without sacrificing comfort or performance.
- Stiff where you need it toe-to-heel, yet torsionally flexible for improved mobility while riding. Stiffer for the Surge. Less stiff for the Arc.
- Large grab hole for security when unstrapping and billy goatting. Spark Strappy Strap ready with lateral slots built in.

Patented






Men's Arc

Splitboard Binding

Lightweight with medium flex for long tours, epic overnights, trees and steeps. The Arc is our most popular splitboard binding. For this season, an optimized snap ramp shaves weight, and the new Fusion molded touring brackets make the whole system lighter and more durable while providing a smoother touring experience.

♂Sizing	US Men's	EU Men's	Mondo Men's
Small	<8	<40	<25
Medium	8-10.5	40-43	25-27.5
Large	11+	43.5+	28+

Colorways:  Midnight Blue  Copper  Black

Weight: 1.37lb/ea (622g) - 2.74lb/pr (1244g) - Medium

Every piece of this binding is made in-house with the exception of a few screws and the buckles.



Lightweight & Surfy

- Features Tesla T1 System anatomy: built-in climbing wire, 2-position heel rest, newly optimized snap ramps, and new Fusion molded side-lock touring brackets.
- Whammy Bar climbing wire: a single fatty wire with a side arm lever for quick change high-to-low-to stowed.
- CNC machined baseplates with maximum cutouts shave weight, yet maintain strength and performance.
- Cutouts also conveniently allow for puck adjustment with bindings in place for precise stance placement.
- Features a medium flex version of the Rip 'N' Flip highback for a surfy ride down. Ideal for riders who prefer more mobility.
- Pillow Line straps are lightweight, durable, comfortable, waterproof, one-piece molded construction, and made 100% in-house. Ankle straps are smaller around the boot with a flex window for max agility while maintaining support. Toe straps are designed to be used as a toe cap, but also fit nicely as a traditional strap across the top of the boot.
- Ladders and adjusters produced in-house with unique thermoplastics that maintain flex over a wide temperature range.
- Incorporates Burton's time-tested bomber buckles.



Fusion molded touring brackets:




One piece design combines bushings and bracket into a single piece, made entirely of a self lubricating bushing grade of plastic. Thanks to the improved material properties, the pivot holes in Fusion brackets last longer than the brass bushings in our previous aluminum style brackets. Moving to the molded design also reduced the weight of the bracket itself by 40%.

Men's Surge

Splitboard Binding

The Surge is built for big days on big lines, and is preferred by our bigger, more aggressive riders. Solid baseplate design, stiffer Rip 'N' Flip highbacks, and more supportive ankle straps combine to give riders greater control in demanding terrain. For this season, an optimized snap ramp shaves weight, and the new Fusion molded touring brackets make the whole system lighter and more durable while providing a smoother touring experience.

♂Sizing	US Men's	EU Men's	Mondo Men's
Small	<8	<40	<25
Medium	8-10.5	40-43	25-27.5
Large	11+	43.5+	28+

Colorways:  Glacier Blue  Silver  Black
Weight: 1.49lb/ea (676g) - 2.98lb/pr (1352g) - Medium

Every piece of this binding is made in-house with the exception of a few screws and the buckles.

SURGE

Stiff & Powerful

- Features Tesla T1 System anatomy: built-in climbing wire, 2-position heel rest, newly optimized snap ramps, and new Fusion molded side-lock touring brackets.
- Whammy Bar climbing wire: a single fatty wire with a side arm lever for quick change high-to-low-to stowed.
- CNC machined baseplates remain solid for max stiffness and durability.
- Features a stiffer version of the Rip 'N' Flip highback for riders who prefer maximum response.
- Pillow Line straps are lightweight, durable, comfortable, waterproof, one-piece molded construction, and made 100% in-house. Ankle straps are wide and asymmetrical around the boot for incredible all around support. Toe straps are designed to be used as a toe cap, but also fit nicely as a traditional strap across the top of the boot.
- Ladders and adjusters produced in-house with unique thermoplastics that maintain flex over a wide temperature range.
- Incorporates Burton's time-tested bomber buckles.



Fusion molded touring brackets:

One piece design combines bushings and bracket into a single piece, made entirely of a self lubricating bushing grade of plastic. Thanks to the improved material properties, the pivot holes in Fusion brackets last longer than the brass bushings in our previous aluminum style brackets. Moving to the molded design also reduced the weight of the bracket itself by 40%.

Arc & Surge

- Shorter, narrower baseplates fit snug and comfortably, accommodating down to a size US 5 boot.
- Lower and more compact heel loops move the ankle strap mounting point down to hit the sweet spot over the boot while positioning the highbacks lower on the leg for a better calf fit.
- Molded ankle and toe straps have been engineered around popular Women's snowboard boots, so we know they are sized and shaped to fit just right.

♀Sizing	US Wmn's	EU Wmn's	Mondo Wmn's
XS/S	5-8.5	35-39	22-25.5
M/L	9-11	40-43.5	26-28

A pair of snowboard bindings, one in black and one in teal, shown against a white background. The bindings are designed for a snowboard, with straps and buckles for securing the rider's feet. The black binding is positioned slightly behind the teal one. Both bindings feature a high back and a toe piece. The teal binding has a distinctive teal-colored high back and toe piece, while the black binding is entirely black. Both have black straps with teal-colored buckles. The bindings are shown from a side-on perspective, highlighting their structure and components.

The Women's Arc has all the same great features of our standard Arc - max baseplate cutouts for weight savings, lower profile ankle strap, and a more flexible highback. The Arc is the perfect choice for the ladies who want a lightweight binding with softer features for comfort and max versatility, sized for her.

W Arc Weight: 1.34lb/ea (606g) - 2.67lb/pr (1212g) - XS/S

The Women's Surge features all the same stiff and powerful components of our standard Surge – solid baseplate, wide supportive ankle straps, and a stiff highback. The Surge will be a favorite for the splitboardette looking for a tough binding to keep up with her, in a size that's just right.

W Surge Weight: 1.42lb/ea (646g) - 2.85lb/pr (1292g) - XS/S



PRO

The lightest, and highest performing splitboard bindings in the world.

We've been making bindings and winning hearts and awards for over a decade now. Our Arc and Surge bindings are considered the best splitboard bindings you can buy. But we couldn't help but ask ourselves - how much farther could we go?

So, we pored over our Arc and Surge bindings from end to end and put each component under the microscope. Can we make it thinner? Can we use a different material? Can we combine these parts? Should we make a custom version? The answer to all of it ... was YES. And we did. Right here at Spark HQ.

Our Pro Series bindings are the lightest and highest performing bindings in the world - made with incredible attention to detail and no compromises.

Pro bindings feature all the same great assets as our standard Arc and Surge bindings tuned up with premium materials and custom components.

- **Carbon reinforced nylon highbacks** are more responsive, lighter, and stiffer than our standard glass reinforced highbacks. Injection molding allows for more complex geometry and improved impact strength compared to other methods of carbon fiber construction.
- **Full Pebax® plastics in Pillow Line straps, ladders, and adjusters.** Pebax® is a premium material most often found in high-end ski boots as it provides consistent stiffness and improved toughness in cold temperatures. It's also 20% lighter than our standard material.
- **7075 aluminum heel loops** are thinner and lighter than our standard heel loops while maintaining the required strength. We purchase this material in a softened state, machine and bend it, and then heat treat it in-house to lock in the shape.
- **7075-T6 aluminum pivot pins** in place of stainless steel pivot pins for weight savings. The introduction of our Fusion molded touring bracket allows the use of aluminum pivot pins, which are not compatible with our aluminum Tesla brackets.



Gram Counting

Weight savings add up by replacing stainless steel hardware with custom-made 7075-T6 aluminum hardware. Aluminum parts are 65% lighter than our standard stainless parts.

- Perhaps the most custom splitboard binding-specific screws you'll ever see are our aluminum heel loop screws. The custom screw head shape is optimized with more than double the drive depth of a standard button head screw to avoid stripping. We added an unthreaded shoulder to improve the connection with the heel loop. To top it off, we have a custom loctite patch added. If these screws come out, it's because you take them out.

We re-created these screws and nuts from our standard stainless steel versions:

- Aluminum forward lean nuts
- Aluminum forward lean screws
- Aluminum ankle strap t-nuts

We switched these screws to aluminum and also produced them with a hex drive instead of phillips head, which are less likely to strip:

- Aluminum heel rest screws
- Aluminum Tesla bracket screws
- Aluminum ankle strap screws

PRO // NEW

The lightest and highest performing bindings in the world - made with incredible attention to detail and no compromises.

Pro bindings feature all the same great assets as our standard Arc and Surge bindings tuned up with premium materials and custom versions: Carbon reinforced nylon highbacks, full Pebax® plastics, 7075 aluminum heel loops, 7075-T6 aluminum pivot pins, and seven custom made screws and hardware pieces.

Remember: Pro series bindings can ONLY be used in Fusion molded touring brackets, due to the aluminum pivot pins.



ARC
PRO

Men's Arc Pro Weight Medium:
1.22lb/ea (552g)
2.43lb/pr (1104g)
● Black

Women's Arc Pro Weight XS/S:
1.19lb/ea (541g)
2.39lb/pr (1082g)
● Black

WOMEN'S

MEN'S



SURGE
PRO

Men's Surge Pro Weight Medium:
1.32lb/ea (599g)
2.64lb/pr (1198g)
● Black

Women's Surge Pro Weight XS/S:
1.27lb/ea (575g)
2.54lb/pr (1150g)
● Black

WOMEN'S

MEN'S

Pin Mount

Splitboard Binding & Accessories

We believe that everyone who has a splitboard should have a splitboard specific binding. Our goal is to make it as simple as possible for first timers to get out and fall in love with splitboarding. The Blaze TR is Tour Ready, with LT brackets and dual height wires, so all you need in addition is pucks, a splitboard, and motivation to get out there.

The Blaze is the longest running splitboard binding on the market. It's designed for the all-around adventurer looking for straightforward tech and high performance at a pricepoint that's hard to beat. This original pin mount model is a great choice for new or casual splitboarders, or a good option for dealers wanting a low-cost demo program.

Sizing	US Men's	US Wmn's	EUR	Mondo
Small	<8	<9	<40	<25
Medium	8-10.5	9-11.5	40-43	25-27.5
Large	11+	12+	43.5+	28+

1.52lb/ea (692g) - 3.05lb/pr (1384g) - Medium ● Black
Patented



BLAZE TR

- Rip 'N' Flip highback in a nice medium flex for a surfy ride down.
- CNC machined baseplate with maximum cutouts to shave weight, yet maintain strength and performance.
- Pre-curved, 3D low profile ankle and toe straps use Burton's time tested and industry-leading fabrics and buckles made to our specifications.
- Ladders and adjusters produced in-house with unique thermoplastics that maintain flex over a wide temperature range.
- LT Touring Bracket is stiff, light, and slop free. Made from aluminum with pressed brass bushings for a lightweight and solid tour.
- Stainless steel pin attached via a cable. Pushes all the way through the binding and touring bracket and held in place by tucking the arm of the pin under the toe strap next to your boot to lock the binding in tour or ride mode.
- Dual height wires now made in-house by Spark R&D. Wires offer 12° and 18° angles for comfort on any skin track.



LT TOURING BRACKET

Stiff, light, and slop-free. Upgrade your brackets, deck out some old Blazes, or set up a second board. Compatible with Spark pin mount bindings. Comes with a pair of shorty bars for use with Mr. Chomps.

Weight: 2.15oz/pr (61g)



PIN BINDING DUAL HEIGHT WIRES // NEW

Upgrade your single height wires, deck out some old Blazes, or set up a second board. Gives you 12° and 18° climbing angles for smooth skinning on the steeps. Compatible with Spark or Voile pin mount bindings. Now made in-house at Spark R&D.

Weight: 2.61oz/ea (74g) - 5.22oz/pr (148g)

MR. CHOMPS CRAMPONS

When the skin track gets icy and steep, drop in your Mr. Chomps – our first class crampon for pin mount bindings. Lean forward to easily position crampons under the touring pin and remove the same way. Pull up on the crampon riser to keep the full depth of teeth in the snow when using your climbing heels. Can be used in free or fixed mode depending on the terrain and snow surface. Comes standard with long centering bars attached for use with Voile touring brackets, and extra shorty bars to switch out for use with our LT bracket.

Weight: 6.49oz/ea (184g) - 12.98oz/pr (368g) Regular ● Black

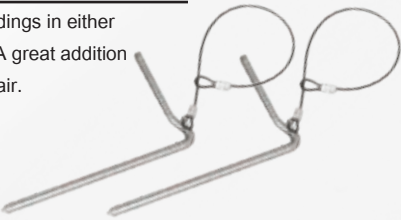
Sizing	Board Waist	Inside Width
Regular	25-26cm (most boards)	13.8cm
Wide	26cm or more	14.8cm



STAINLESS STEEL PINS

For use with Spark pin mount bindings in either our LT or Voile touring brackets. A great addition to the spare parts kit. Sold as a pair.

Weight: 3.70oz/pr (105g)



Hardboot Bindings & Accessories



DYNO DH HARDBOOT BINDING *DYNO DH*

The Dyno DH, our treasured hardboot specific splitboard binding, has been re-vamped this season to dial in all the features for an even better fit and feel. All parts are now designed and manufactured by us from start to finish for the all around precision that you can only get from a Spark made product.

Dyno DH bindings are for riding only. Carry them in your pack on the way up, while using your tech toes for touring. Then slide the Dynos on your pucks and lock into place with the snap ramps for the ride down.

- Extremely Lightweight - only 409 grams per binding
- Stainless Steel toe and heel bails
- Updated toe clip fits low profile AT boots better than ever. Slimmer design saves weight while maintaining backcountry dependability
- Updated set screw has a 4mm hex drive, found in our Spark Tool
- Baseplate heel end is now reinforced and extra sturdy to avoid bending from heavy use
- Features Tesla Snap Ramps for speedy, pinless transitions
- Spark and Voile Puck compatible (Spark Canted Pucks recommended)

Weight: .90lb/ea (409g) - 1.80lb/pr (818g)

One Size ● Black/Blue



D REX CRAMPON

Designed for our hardcore hardbooters, these crampons slide into tech toe claw mounts. Install and remove on the fly for utmost confidence in dicey conditions. Stack up the crampon riser blocks to keep the full depth of teeth in the snow when using heel risers. Comes in Regular and Wide widths. Compatible with Spark Tech Toe, Dynafit Speed Radical, or Dynafit Speed Turn Toes.

Weight: 6.67oz/ea (189g) - 13.33oz/pr (378g) - Regular

● Black

SPARK TECH TOES *//NEW*

A Spark original tech toe designed for the split-hardbooter. With its integrated splitboard touring bracket hole pattern, this tech toe doesn't need a toe adapter, saving weight, unnecessary parts, and expense. It also has built-in claw mounts for the D Rex crampon. Couple with our Hardboot Dual Height Wires to be ready to tour. The Spark Tech Toe is intended for splitboard touring only.

Weight: 4.30oz/ea (122g) – 8.61oz/pr (244g) ● Black/Blue

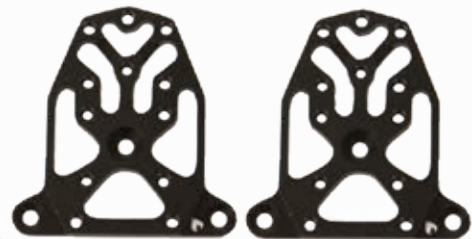


HARDBOOT DUAL HEIGHT WIRES *//NEW*

Now made in-house by Spark R&D. Wires offer 12° and 18° angles for comfort on any skin track. Comes with a heel adapter that screws right into your splitboard inserts, and places your dual height wires right where they need to be, hitting the perfect spot on the heel of your hardboot.

Weight: 3.46oz/ea (98g) - 6.91oz/pr (196g)

● Black



DYNAFIT TOE ADAPTER PLATES



These adapters allow you drill-free use of Dynafit Speed Radical, Speed Turn, or Low Tech Race toe pieces by utilizing the existing inserts in your splitboard. Couple with our Hardboot Dual Height Wires to be ready to tour.

Weight: 2.05oz/ea (58g) - 4.09oz/pr (116g) ● Black



SPLITBOARD GEAR

& ACCESSORIES



IBEX CRAMPONS

We are the only company to offer splitboard crampons in multiple widths, colorways, and models. We offer this variety so you can have the fit and performance you want ... and look good doing it.



Spark Ambassador: Thomas Delfino
Photo: Zach Clanton



IBEX CRAMPONS *ibex*

Ibex Crampons are 4WD for your splitboard. Lightweight aluminum construction for max strength and minimum weight. Installation and removal is effortless and can be done on the fly without unstrapping, by sliding the crampon sideways into and out of touring bracket claw mounts. Teeth are fully engaged when used with or without the dual position climbing wire for maximum security on dicey terrain. Our new dual-width design features one crampon that is slightly wider than the other, allowing the crampons to nest together for easy handling and reduced packing space.

Note: Sizing recommendations remain the same as previous versions. Compatible with all Tesla and T1 bindings including the Burton Hitchhiker.

Weight: 5.93oz/ea (168g) – 11.85oz/pr (336g)
Sizes: Narrow, Regular, Wide

- Silver ● Black
- Blue ● Turquoise

Nested and Standard designs



IBEX PRO CRAMPONS *ibex* PRO // NEW

If you want the best of the best, we made this for you. A 7075 aluminum crampon body is just as strong, but lighter and thinner than our standard Ibex. It slices through the snow even better with less drag, saving you valuable energy output on the skin track. It also features a lightweight aluminum axle in place of brass. All in all, the Ibex Pro crampon is 22% lighter than our standard Ibex - the lightest split crampon in the world. Its dual-width design features one crampon that is slightly wider than the other, allowing the crampons to nest together for easy handling and reduced packing space.

Note: Ibex Pro Crampons can ONLY be used with Fusion touring brackets, due to the aluminum axle. Use in aluminum touring brackets will damage the crampons.

Weight: 4.34oz/ea (123g) – 8.68oz/pr (246g) ● Black/Violet ● Black/Lime
Narrow, Regular, Wide



Sizing	Board Waist	Inside Width
Narrow	25cm or less	12.8cm
Regular	25-26cm (most boards)	13.8cm
Wide	26cm or more	14.8cm



SPARK SOLID BOARD PUCKS *//NEW*

Spark Solid Board Pucks - We are upping our quiver game with these newly designed pucks for your solid board, because let's face it, sometimes you're just not on your split. Great for solid board mountaineering or snowmo-boarding. Perfect for trips where you are traveling with multiple boards or days when you may see a mix of resort riding and splitting. You may have a quiver of boards, but you only need one set of bindings.

- Near-infinite adjustability, just like our Spark Pucks:
+/- ¼" (6.5mm) toe/heel centering adjustment in .08" (2.1mm) increments
-12° to +30° angular adjustment in 3° increments, covering everyone from jibbers to trench diggers
- Stance width adjustable in .2 inch (5mm) increments
- Can be used with 4x2 insert and channel boards
- Lightweight
- Spark R&D designed and manufactured at a competitive price
- Works with all puck compatible splitboard bindings

Weight: 10.09oz/pr (286g)

● Black

Patent Pending

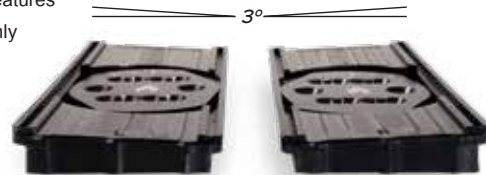
SPARK SOLID BOARD CANTED PUCKS *//NEW*

Our canted version has all the same great features of our standard Spark Solid Board Pucks, only with 3° canting to reduce knee strain.

Weight: 11.5oz/pr (326g)

● Black

Patent Pending



Team Rider: Rafael Pease
Photo: Jesse Levine

SPARK PUCKS

Channel-like stance adjustability for splitboards built with inserts. Believe it. This breakthrough in design has riders beyond stoked, and has made Spark Pucks our most popular splitboard accessory.

- Oversize aluminum center disc overlaps binding channels for maximum strength and rigidity
- Bindings slide on soft nylon material for effortless transitions
- Near-infinite adjustability, for your perfect stance and placement:
+/- ¼" (6.5mm) toe/heel adjustment in .05" (1.3mm) increments
+/- 30° range of angle adjustment in 3° increments
Stance width adjustments in .17" (4.2mm) increments
- Works with all puck compatible splitboard bindings

Patented

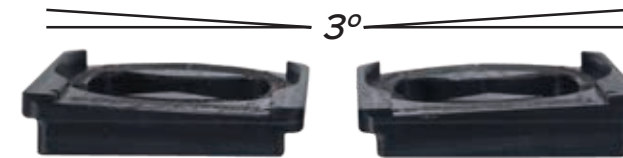
Weight: 10.19oz/pr (289g)

● Black/Metal

SPARK CANTED PUCKS

Our canted version has all the same great features as our Spark Pucks. With 3° canting to reduce strain, your knees will thank you.

Weight: 11.36oz/pr (322g)



BOARD CLIPS

You want your splitboard to ride like a solid board. We get it; so do we. The trick is getting your board to fit together perfectly, and Spark continues to seek perfection. Our clip designs feature sensible adjustability to get your board together seamlessly, regardless of variability or wear.



SPARK TIP & TAIL CLIPS *//NEW*

Our debut tip and tail clip design offers a custom fit to match the variability in any board. With five progressively tighter notches you can get your board as tight as you want. No need to freeze your fingers, this clip is effortlessly operated with your gloves on. Easily installed with a Spark tool and a screwdriver, no specialty tools are required unlike riveted designs.

Weight: 0.56oz/pr (16g)

● Black

Patent Pending



SPARK CROSSBAR CLIPS



Crossbar Clips are made from lightweight aluminum in a clever low-profile design, with only two moving parts. It features a one-piece crossbar that extends from one set of bolts to the other for the stiffest possible connection between the board halves. The cam lever clamps the board together, taking gaps out of the board seam. The crossbar and lever rotate out of the way leaving nothing hanging over the edges to snag while you're touring or getting rad split skiing. Clamping tension is easily fine-tuned by turning a set screw, compensating for any wear or board variability.

Compatibility: for boards that are drilled through at the clip mounting points; the majority of splitboards.

Spark Crossbar Clips // Weight: 2.89oz/pr (82g) ● Black ● Black/Metal

Patent Pending

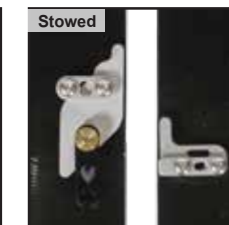
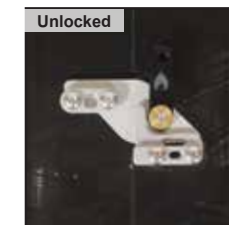
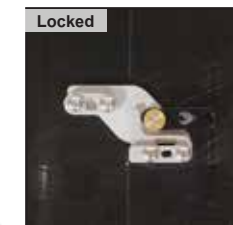
SPARK TOP-MOUNT CROSSBAR CLIPS *//NEW*



These are the same design as our regular Spark Crossbar Clips, but with the necessary Top-Mount parts and hardware for boards that have inserts at the clip mounting points. Ex: Jones Bolt-less Bridge and Nitro splitboards.

Spark Top-Mount Crossbar Clips // Weight: 2.89oz/pr (82g) ● Black/Metal

Patent Pending





SPARK SKINS

High traction skin material manufactured by G3 is the perfect combination of stick, slide, and grip. Equipped with our patented tailclips, our skins get you to the top with less effort and more style.

Spark Crossword Graphic

Weight: 0.83lb/ea (378g) - 1.67lb/pr (756g) - Medium

Small: 147-161cm / Medium: 159-175cm / Long: 172-186cm

STRAPPY STRAP

Less fatigue equals more fun in the backcountry. The Strappy Strap is designed to slot through Spark R&D highbacks and wrap around the top of your boot to provide additional support and edging power while touring.

Weight: 1.83oz/ea (52g) - 3.67oz/pr (104g)

● Black



ZIP STRIP KIT

Designed to increase glide on flat or low angle approaches and rolling exits. Zip Strips will get you farther with each stride, making your splitboard tour more like a pair of cross country skis. Friction is reduced by covering excess skin fibers with a piece of slippery base material. Install or remove on the fly without unstrapping or removing your skins. Zip Strips roll up into a small package that easily fits in your pocket. Kit includes tip clips and modified tailclips. Available in a Spark Skin specific version and a Universal version to cover all splitboard skins.

Zip Strip Weight: 1.59oz/ea (45g) - 3.17oz/pr (90g)



TAILCLIP KIT

Tour with confidence, even backwards, knowing your skins are securely in place. Our patented Tailclips are a retrofit addition to any skins - all you need is a hammer and scissors to install. Asymmetric clips designed for splitboard shapes are easy to remove and secure, keeping skins tensioned parallel to length.

- 10cm of tool-free length adjustment to fit your whole quiver
- Kit includes stretchers, clips, rivets, and webbing extenders for those of you with extra long boards or extra short skins.

Weight: 0.81oz/ea (23g) - 1.62oz/pr (46g)

● Black

● Red



VERTS

When skinning just isn't an option, post-holing shouldn't be either. Our collaboration with Verts offers you 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

Weight: 1.21lb/ea (548g) - 2.41lb/pr (1095g)

MORE TRACKS



T1 RISER KITS

Big Feet? We've got you covered. Our riser kit screws in underneath touring brackets and heel rests to raise you up. This increases the binding rotation angle while touring to prevent toe strike and increase stride length.

- Compatible with all Tesla T1 bindings (Men's and Women's Arc & Surge including Pro models, as well as the T1 Burton Hitchhiker)

Weight: 5.43oz/pr (154g) ● Black

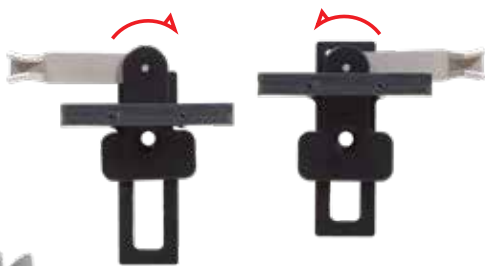
T1 STEP LOCKERS //NEW

The option to lock your heel while touring helps you better adapt to diversified terrain types where quick descents, side stepping, and skate-splitting become more effective means of backcountry travel. This season we're bringing out a brand new Step Locker design that allows you to step in to lock.

Weight: 1.34oz/ea (38g) - 2.68oz/pr (76g)

● Black
Patent Pending

- Rotate lever to locked position, then step down to lock heel
- Heel stays locked until you rotate the lever out of the way to the unlocked position
- Locker held securely in both locked and unlocked positions
- Plastic lock bar won't wear binding baseplates
- Locker assembly screws in under heel rest
- Forward releasable for added safety
- Now 100% made in-house at Spark R&D
- Compatible with all Tesla T1 bindings (Men's and Women's Arc & Surge including Pro models, as well as the T1 Burton Hitchhiker)



BD-COMPACTOR POLES

Sturdy, adjustable-length, aluminum Touring Series climbing poles ideal for splitboarding. Z-Pole functionality deploys in seconds, and folds down to an ultra-compact and packable size for the ride down. Offers 20cm of adjustment for all conditions.

Usable Length: Short: 41-48.8in (105-125cm)

Long: 44.9-52.7in (115-135cm)

Collapsed Length: Short & Long: 16.3in (41.5cm)

Weight: Short: 1.38lb/pr (625g) Long: 1.41lb/pr (640g)



Spark R&D now distributes Black Diamond poles worldwide!

//NEW

BD-3 PIECE WHIPPET POLE

Built for steep terrain that requires extra traction, the Whippet is now improved with a removable steel pick. Using the innovative BD ClickLock Dial, you can attach the pick to add a margin of safety for icy bootpacks and no-fall descents, and then remove it for shredding low-angle powder in the backcountry. With its three-section packability, the Whippet is stowable, making it ideal for splitboarding excursions. Features a 3-piece aluminum shaft, a grip insert for tour/ski mode, and FlickLock Pro adjustability. Sold individually.

Usable Length: 39-55" (100-140cm)

Collapsed Length: 30" (66cm)

Weight: 1.09lb/ea (497g)



Team Rider: Rafael Pease
Photo: Jesse Levine



BASEPLATE PADDING

Reduce foot fatigue on long tours and increase insulation on arctic days with our Baseplate Padding Kit. This is an easy retrofit to make your spark bindings feel a bit more cozy. Made of durable, grippy EVA foam. 3M peel and stick adhesive keeps pads firmly in place. Ideal for long days in the skin track, firm riding conditions, and cold feet. ● Gray

Weight: 1.13oz/pr (32g) - Solid Size 3

Version	Models	Men's	Women's
Cutout Size 1	Arc, Hitchhiker		XS/S
Cutout Size 2	Arc, Hitchhiker	S	M/L
Cutout Size 3	Arc, Hitchhiker	M, L	
Solid Size 1	Surge		XS/S
Solid Size 2	Surge	S	M/L
Solid Size 3	Surge	M, L	

ARC

SURGE



PILLOW LINE STRAPS

For Spark fans who already have bindings and just want to upgrade from their fabric straps, we are offering Pillow Line strap sets à la carte so everyone can enjoy the weight savings, performance, and durability in this molded one-piece waterproof construction. Ankle straps come in Men's and Women's Arc & Surge models. Toe straps come unisex in just one model. All straps come complete with buckles, plastics, and necessary hardware.

Pillow Line Complete Ankle: Arc: 8.40oz/pr (242g) / Surge 8.80oz/pr (252g) - Medium ● Black

Pillow Line Complete Toe: 4.40oz/pr (126g) - Medium ● Black

Patented



RIP 'N' FLIP HIGHBACKS

For Spark fans who already have bindings and want to upgrade their classic highback to our Rip 'N' Flip Highback. Comes à la carte in both the moderate flex Arc and the stiffer Surge models. Also a good option for splitboarders who have one model and want to try the other to find just the right flex. Compatible with Tesla, T1, Pin Mount, and Burton Hitchhiker bindings.

Weight: Arc - 3.35oz/ea (95g) - 6.7oz/pr (190g)
Surge 3.49oz/ea (99g) - 6.98oz/pr (198g) ● Black

Patented

SPARES & HARDWARE



BACKCOUNTRY KIT

Everything you need to keep a pow day from being cut short. Includes spare plastics, screws, and buckles.



DEALER SPARE PARTS

All you need to service your entire Spark R&D fleet and your customers' spare parts requests.



SPARK TOOL

Your best friend in the backcountry, this tool has everything you need to adjust your splitboard and binding setup.



SECOND BOARD KIT

Set up another splitboard to be tour-ready. Comes with screws, heel rests, and our new Fusion Molded touring brackets. Pair this up with some Spark Pucks and your 2nd board is ready to go.

- Compatible with all Tesla T1 bindings (Men's and Women's Arc & Surge including Pro models, as well as the T1 Burton Hitchhiker)

Weight: 4.52oz/pr (128g)

● Black



WHAMMY BARS

Impress your friends with your climbing bar deployment steeze. This retrofit climbing wire with a side arm lever replaces your stock climbing wire for quick change high-to-low-to-stowed action. Use your touring pole to flip the Whammy Bar down for 12° then down again for 18°. Flip the bar back up to stow. Whammy bars have been integrated into our T1 bindings since last year, but are offered as a retrofit for Spark fans wanting to upgrade their older bindings.

Weight: 1.48oz/pr (42g)



FUSION MOLDED TOURING BRACKETS *// NEW*

One piece design combines bushings and bracket into one piece, made entirely of a self lubricating bushing grade of plastic. Thanks to the improved material properties, the pivot holes in Fusion brackets last longer than the brass bushings in our previous aluminum style brackets. Moving to the molded design also reduced the weight of the bracket itself by 40%. Fusion brackets are the new standard in 18/19, coming with all Men's and Women's Arc and Surge including Pro Models and 2nd Board Kits. Back compatible with all Ibex crampons and previous year Tesla and T1 bindings. These are a great spare part and upgrade.

Weight: Fusion Molded w/screws 1.76oz/pr (61g) ● Black



Spark Ambassador: Maria Debari
Photo: Colin Wiseman



APPAREL

SPARK TEES *//NEW*

Super soft 100% cotton t-shirts. Regular fit. Made in the USA.
Men's Sizes: S-XL

- Logo T
-  Red
 -  Navy





- Universe T
-  White
 -  Navy



- Aspect T
-  Maroon
 -  Royal
 -  Black



- Women's Aspect T
-  Platinum
 -  Black



Women's Sizes: S-XL


SPARK HOODIES

For every action there is an equal and opposite reaction. Like when you wear either the zip or pullover Spark Universe hoody, you feel stylish, and people react by giving you compliments. It's simple science.



SPARK UNIVERSE ZIP HOODY *//NEW*


50/50 blend of organic cotton and rPET (recycled post-consumer plastic bottles)
Unisex Sizes S-XL

-  Heather Charcoal



SPARK UNIVERSE PULLOVER HOODY *//NEW*

100% certified organic cotton. Made in the USA
Unisex Sizes S-XL

-  Black

SPARK POM

Dial your style by wearing slouched or cuffed, with or without the pom. This mid-weight knitted hat will keep your head warm and shows off your Spark love!

- One Size Fits All**
-  Red/Black



SPARK BEANIE


Look good and stay warm. This beanie has a thick 100% acrylic/elastic weave keeping it snug on your head and won't stretch out over time.

- One Size Fits All**
-  Black



SPARK TOURING HAT

Our lightweight, super packable touring hat is perfect for earning your turns. The ripstop nylon fabric breathes extremely well, the mesh sides vent heat, and the wide brim helps keep the sun off your face.

- One Size Fits All**
-  Dark Gray



SPARK BASE LAYER

When it's time to get your tour on this 100% polyester long sleeve tee delivers wicking performance without the stink. Field tested and approved by Team Spark.

- Unisex Sizes: S-XL**  Black



SPARK LOGO HAT

Both stylish and functional. The wide brim keeps the sun at bay while the mesh back keeps you cool. Wear it all the time, everywhere you go, even while you sleep.

- One Size Fits All**
-  Black



Team Rider: Mike Handford
Photo: Mark Bridgwater

GO SPLITBOARDING 