



TECH FREEDOM. ALPINE PERFORMANCE.

Toe Conversion Instructions



You will need a #3 positive or large flathead screwdriver. Unscrew the front release valve adjustment screw completely. With this screw released you will be able to pull apart the spring components of the toe piece.



Exploded View. These are the interior components of the toe piece in the order they come apart and should go back together after swapping the toe pedestal component. You need to shake the black plastic washer out of the front of the toe housing to make it easier to remove the toe pedestal and connected through rod out of the back of the housing. You may need to use a flathead to gently pry between the housing and the top of the square end of the through rod.



Reinsert the through rod into the Cast toe pedestal. Slide the thin shim on in front of the pedestal in the orientation shown above.



If the front assembly comes apart while disassembling here is a close view of the order to reassemble those components.



Reassemble the components in the correct order making sure the black plastic washer and metal shim are correctly oriented.



Use the screwdriver to screw the release valve adjustment screw back in fully. This may take some pressure to gently compress the spring as you engage the screw threads. Reset the release valve.

Mount Instructions



Here are the Freetour Upgrade Kit components with the Cast pedestal installed on the Look Pivot toe piece.



1. Drill holes for Look Pivot using a Look Mount jig and the recommended drill bit for your ski.



2. Remove the sticker backing and place the provided Cast heel hole template so the marked Look heel holes line up with the ones you drilled in step 1.



3. Use a sharp punch to mark the two climbing bail holes located forward of the heel unit.



4. Remove the template and drill the two marked holes.



5. Using wood glue, mount the heel unit of the Pivot as usual with the provided Look screws.



6. Place the climbing bolts in their grooves in the black plastic Cast heel block. This is easiest with the bolts in the vertical position.



7. Fasten the heel block with the provided 20.5mm cap head binding screws making sure the bolts stay in their grooves.



8. Place the Cast toe shim so it lines up with the four toe piece holes. Fasten the shim with the four Cast shoulder bolts by inserting the 19.5mm flat head binding screws into the shoulders. Make sure the shim sits flat against the ski. If it does not, it may need to rasp, file, or use a razor blade around the holes to make sure the topsheet is flat.



9. Test both the tech toe and Pivot toe to insure they slide on, lock into place, and release using the slider switch. The tech toe should snap into hike mode but may need to be cycled a few times. Check the heel block to make sure the brake lock clips around the brakes and releases fine. Make sure the climbing bolts snap firmly between positions.

Field Guide



If you are changing out of the snow we recommend clicking your ski tails in the snow in order to keep snow out of the sliding interfaces during the process. This also fixes the ski in place and makes the entire change out process smoother and faster. Between swapping toe pieces make sure to clear snow off the toe shim and from around the four shoulder bolts. The front tab or back slots of the tech toe can be useful for this.



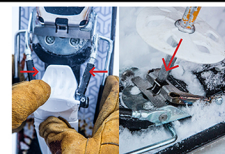
To put the alpine toe piece on, put the four key holes of the pedestal on the shoulder bolts and slide the toe piece forward. It should snap forward into position and outlock so it is unable to slide back. To remove the toe piece, press the black plastic slide lock to the right as you push the toe piece backward. This will unlock the toe piece from position and you can pull it off.



To put the tech toe on, the tech arms must be in the open position. Place the tech toe on the shim so the front two shoulder bolts are directly beneath the tech arms and then slide the tech toe backwards so it snaps into position. Check the secondary lock by pulling up on the front lever. The tech arms will fully lock around the front shoulder bolts as if the boot were in the tech toe for skinning. To take the tech toe off, make sure the arms are in the open position and press the slide lock to the right as you slide the tech toe forward and off.



The brake lock mechanism rests on top of the climbing bolts when in alpine mode. To use the brake lock, flip the lock at the way back so it sits on the top of the brake lever then pull up on the brakes as you push the brake lock over the brake lever with your hands. This will fix the brakes in the up position. You can also put your boot in the tech toe, step down firmly with your heel and the brake lock will snap down through the brake lever. If there is too much snow in the brake interface it may prevent this step-down method.

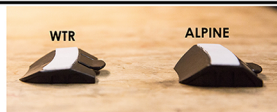


To release the brake lock by hand, either pull both brakes up and in until the lock disengages from the brake lever or pull up on the back tab until it releases. Then flip the brake lock to the forward position so it rests on the climbing bolts. The brake lock can also be released with your pole by pushing down on the brake lever through the hole on top of the brake lock until the brake lock clicks off. These 'change-out' techniques are recommendations. You may need to find the process that works best for you and dial that in.

AFD Swap



In order to swap the AFDs, push on the tab from the bottom as you pull backwards on the plastic AFD. This can be made easier by pushing a flat head screwdriver in front of the tab from the bottom and gently prying the AFD backwards. To put the AFD on, line the groove of the AFD with the corresponding tab on the pedestal and push it on until it snaps into place.



The Freetour Upgrade Kit comes with both Alpine ISO 5355 AFDs and WTR (Walk-to-Ride) AFDs. The WTR AFDs are the ones with a lower profile. Cast has designed and tested these boot/binding interfaces to match the current ISO Alpine and WTR standards although our interface has not been certified by the TUV testing organization.

Warnings and Disclaimer

Cast has designed the Freetour Upgrade Kit to create a ski/boot/binding system that allows the user the benefits of a pintech boot/binding system while providing the release and retention capabilities of an alpine binding. Cast components are designed to be used with existing LOOK bindings, however, Cast has no affiliation or endorsement from LOOK. Cast has designed and tested our components to the fullest extent of our current capabilities in order to ensure proper function. None of Cast's products have been certified to meet ISO standard 1993.

Well adjusted and maintained alpine ski/binding/boot systems do a good job of reducing the risk to the mid-shaft of the tibia. Seek trained technicians for advice and to readjust ski/binding/boot systems should you not be satisfied with your current adjustment.

Warranty

We strive to make only top quality equipment to withstand the abuse of skiing. Our hardware is proven tough and durable and we want to be sure you can use the products for years to come. We cover the product for any problem that might occur due to a manufacturing defect. The standard warranty period is 2 year from the date of purchase, but we stand behind our product and will consider warranty issues past the standard 2 year term. If a problem arises with the equipment please contact us. warranty@castfouling.com