

## OSPREY ADDONS™

Customize and protect your pack with Osprey's full line of AddOns.™ For the full lineup, please visit your local Osprey retailer or visit our web site [www.ospreypacks.com](http://www.ospreypacks.com).



## Variant / Mutant Series Owner's Manual



Congratulations on your purchase of an Osprey Variant or Mutant Series pack. Our obsession with detail rewards you with a truly full-featured pack and we want to be sure that you understand and utilize your pack completely. Here's a full tour of your pack from the ground up.



Variant

Mutant



Variant 52

Mutant 38

The VARIANT AND MUTANT SERIES technical climbing packs are the result of extensive testing and feedback from the vertical world. These packs offer a streamlined feature set specific to the climbing pursuit.

- 1 Removable dual compartment top pocket with spindrift collar\*
- 2 3-point haul system \*
- 3 Dual ice tool holster
- 4 3-position Y-clip bungee tie-offs (Mutant is fixed)
- 5 Wand/ice pro pocket\*
- 6 Adjustable sternum strap with rescue whistle buckle
- 7 Top and bottom side compression straps
- 8 Top pocket compression straps
- 9 Glove-friendly buckles\*
- 10 Reverse-wrap hipbelt\*
- 11 Ice clipper and tool loop\*
- 12 Dual ToolLock™ tool attachment
- 13 Gorilla grip reinforcement patch
- 14 Z-compression straps

\* Feature not available on Mutant 28, which is not available in U.S.

## SHARED FEATURES

### Suspension

Suspensions differ slightly between models to accommodate varying load capacities. The Variant 52 suspension is a removable HDPE framesheet with cut outs and an aluminum tubing framework. The Variant 37 suspension is a removable HDPE framesheet with cutouts and a 6061 aluminum stay. The Mutant 38 features a removable foam framesheet/tri-fold bivvy pad. The Mutant 28 has a fixed foam framesheet that is not removable. To remove the suspension system, access the inside of your pack and locate the tabbed, hook and loop closure on the inside backpanel. Pull up on the nylon tab exposing the pack's suspension and remove as desired. Reverse this process to reinstall the pack's suspension.



### Hydration Compatible

Variant and Mutant Series packs are hydration compatible using an internal sewn-in backpanel sleeve and hanger. Place hydration reservoir inside the sleeve sewn inside the backpanel and exit the hose through the H<sup>2</sup>O opening. Route hose through elastic routers located on either side of the pack's harness.



NOTE: The Variant 52 suspension may require a shoe horn-type tool/screwdriver to use as a prying device for reinsertion. Keep in mind that Variant suspensions are designed to be integral with the pack and are difficult to reinstall.

### Hydraulics™ Reservoir

Add an Osprey Hydraulics™ 2 or 3 liter hydration reservoir to your pack for stable, efficient, on-the-go water management. For more information, please visit your local Osprey retailer or visit [www.ospreypacks.com](http://www.ospreypacks.com).



## PACK CARE

Osprey recommends Nikwax™ products for pack care. For complete instructions on cleaning your pack, visit: [www.ospreypacks.com/PackTech/PackCare](http://www.ospreypacks.com/PackTech/PackCare)

Your pack is an extremely durable product built for years of use and abuse. However, some basic procedures will ensure that your pack holds up optimally.

- After each trip be sure to clean out your pack thoroughly.
- If it's wet, hang it to dry.
- Loosen all the straps.
- Wash your pack every now and then. (Do not immerse travel packs with our High Road™ Wheeled Chassis.)

## PACK YOUR PACK

Loading your pack correctly optimizes comfort while you are carrying it. For complete information visit: [www.ospreypacks.com/PackTech/HowToPackYourPack](http://www.ospreypacks.com/PackTech/HowToPackYourPack)



## GUARANTEE

At Osprey, sustainability is designed into our packs, which are built to last a lifetime and backed by a superb guarantee, no matter how hard you are on your gear. Visit [www.ospreypacks.com](http://www.ospreypacks.com) for details.

## QUESTIONS?

Contact Osprey Customer Service. Real help from real people. Scroll over the customer service tab at [www.ospreypacks.com](http://www.ospreypacks.com).

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**(CN)** 如欲觀看繁體中文使用者手冊，請瀏覽 [www.ospreypacks.com](http://www.ospreypacks.com)

请访问[www.ospreypacks.com](http://www.ospreypacks.com)获得该用户手册的中文版本

**(JP)** 日本語版オーナーズマニュアルはオスプレー社の

Web サイト (<http://www.ospreypacks.com>) からダウンロードすることができます。

**(FR)** Veuillez visiter [www.ospreypacks.com](http://www.ospreypacks.com) pour une version en français de ce guide d'utilisation.

**(DE)** Auf der Homepage [www.ospreypacks.com](http://www.ospreypacks.com) finden Sie die deutsche Version dieses enutzerhandbuchs.

**(ES)** Visita por favor [www.ospreypacks.com](http://www.ospreypacks.com) para ver la versión de nuestro manual en Español.

**(IT)** Visita il sito [www.ospreypacks.com](http://www.ospreypacks.com) per la versione in Italiano del manuale d'uso.

**(KR)** [www.ospreypacks.com/PackTech/OwnersManuals](http://www.ospreypacks.com/PackTech/OwnersManuals) 에서 사용자 설명서를 다운로드하세요.

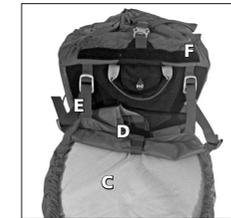
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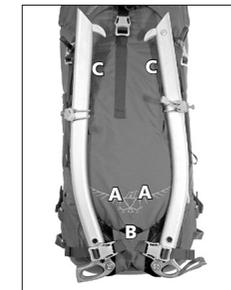
### Removable Dual Top Pocket with Spindrift Collar

The spindrift collar attaches from the top pocket to the main pack body using a hook-and-loop system. To operate, **A** extend the top pocket to it's full height by loosening the webbing. **B** With the spindrift collar fully extended, you can now access your pack while blocking blowing snow. Reverse to compress the top pocket. To remove the top pocket **C**, loosen the two top pocket compression straps and flip the top pocket towards the backpanel. **D** Undo the hook-and-loop attachment securing the spindrift collar and roll using tab to secure. **E** Thread nylon webbing through the sewn-in duckbill buckle on the top pocket, through the slider buckle near the top of the harness, and through the duckbill buckle **F** at the top. Reverse to re-attach. Note: The Mutant 28 top pocket, while removable, does not feature a spindrift collar]



### Tool Attachment: Variant

The Variant tool holster allows secure attachment of all ice tools, including newer, leashless tools. To operate, loosen the webbing and **A** unclip the holster buckle. **B** Slide the tool head through the holster, clip the buckle and cinch to hold secure. Tool handles are held using adjustable, three position pass-through style bungee cords **C** This clove hitch style bungee features Osprey's exclusive Y-Clip allowing you to loop handles quickly, and a cord lock to secure. Loosen the bungees with the cord lock and route handles through the bungee. Tighten the cord lock, nesting closure into the Y-clip. Reverse to remove.



### Tool Attachment: Mutant

The Mutant Dual ToolLock™ system allows secure attachment of all ice tools including newer, leashless tools. To use, locate the ToolLock™ bungee located on either side at the base of your Mutant pack and pull to extend to full length. Route the ToolLock™ clip through the eyelet on the head of your ice tool, place the pick end of the ice tool into the reinforced fabric patch and tighten the ToolLock™ bungee. [Mutant 28 has no reinforced fabric patch for tool heads.] Loosen the upper Y-Clip bungee to hold the ice tool handle, flip the handle up and secure by tightening the bungee. Repeat for opposite side; reverse to remove.



### Harness and Hipbelt

All Osprey Variant and Mutant Series packs feature a fixed, StretchComfort™ harness with adjustable sternum strap and rescue whistle buckle along with a thermo-sculpted backpanel to provide the ultimate pack-to-back interface. ErgoPull™ Hipbelts on all Variant and Mutant Series packs are 3D contoured EVA foam and can be reverse wrapped to provide out-of-the-way storage while climbing. Mutant 28 features a removable nylon webbing waist strap. Variant 52 and 37 packs feature a removable hipbelt [the Mutant 38 is fixed]. To remove the Variant hipbelts, **A** detach webbing from hipbelt at both sides of pack. **B** Slip one hand behind the lumbar area, breaking the hook and loop closure attachment. Pull the hipbelt through until removed. Reverse steps to reattach. To remove the Mutant 28 nylon webbing hipbelt simply thread the nylon through the slider buckles. Hipbelts can be reversed without removal for out-of-the-way storage. Loosen hipbelt webbing and thread through tool holster **C** on front of pack. Clip hipbelt buckles and tighten.



### ErgoPull™ Hipbelt

All Variant and Mutant packs use our exclusive ErgoPull™ hipbelt design. To operate the ErgoPull™, loosen the webbing and connect the center buckle. Grasp the loose ends of the webbing on either side, and pull evenly in and across with both hands.



### 3-Point Haul System

To haul your Variant, attach your haul rig to the two sewn-in loops on the front of your pack and the grab handle loop on the back.



To haul your Mutant, attach your haul rig to the single sewn-in, reinforced grab handle on the front panel of your pack and the two sewn-in loops on the backpanel.



### Dual Wand/Ice Pro Pockets

Every Variant and Mutant Series packs feature wand/ice pro pockets for quick storage and easy access [Not intended for H<sub>2</sub>O usage.] [The Mutant 28 does not include this feature]

### Side Compression/Retention Straps

All Variants feature dual upper and lower compression/ retention straps to both compress loads and securely retain items. [shown above] The Mutant 38 features the unique Z-Compression System which allows for easy and removable load compression/ adjustment, top to bottom, while the Mutant 28 utilizes a lower V side compression and top, quick release compression strap.



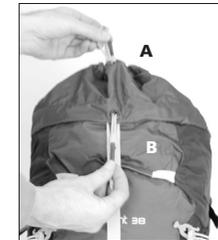
Mutant 38 Z compression



Mutant 28 lower V/upper compression

### Skirt Closure

The Mutant Series features a unique, dual skirt closure system allowing both further compression of loads and protection from the elements. To operate, **A** locate the front and top compression cords beneath the top pocket of your pack and loosen each by holding the cord in your hand and pulling the sewn-in red nylon loop away from the pack. **B** Load the contents of your pack and then tighten the compression cords by holding the cord in one hand and then pulling the sewn-in, red nylon loop towards the pack to tension.



### Glove-friendly Buckles

Variant and Mutant Series packs feature glove-friendly buckles for easy access.



### Under-lid Slash Pocket

There is an internal slash pocket underneath the top pocket of the Variants and Mutant 38 offering added organization.



## VARIANT 52

	S	M	L
Cu. In.	2990	3173	3356
Liters	49	52	55
Weight	3lb 80z	3lb 100z	3Lb 130z
Kilograms	1.58Kg	1.64Kg	1.73Kg

### Key Fabrics

- 420D Matrix Nylon
- 315D Cordura® Nylon

## VARIANT 37

	S	M	L
Cu. In.	2075	2258	2441
Liters	34	37	40
Weight	3lb 40z	3lb 60z	3Lb 90z
Kilograms	1.47Kg	1.53Kg	1.62Kg

### Key Fabrics

- 420D Matrix Nylon
- 315D Cordura® Nylon

## MUTANT 38

	S	M	L
Cu. In.	2136	2319	2502
Liters	35	38	41
Weight	2lb 130z	2lb 150z	3lb 20z
Kilograms	1.28Kg	1.33Kg	1.42Kg

### Key Fabrics

- 420Hd Nylon
- 900D Polyester

## MUTANT 28

	S	M	L
Cu. In.	1587	1709	1831
Liters	26	28	30
Weight	1lb 100z	1lb 150z	2lb 10z
Kilograms	.74Kg	.88Kg	.94Kg

### Key Fabrics

- 210D Double Ripstop Nylon
- [Available in select markets only]