

# RAPTOR / RAVEN SERIES

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♂ RAPTOR 14



RAPTOR 10



♀ RAVEN 14



RAVEN 10

The Raptor / Raven Series, our premium line of mountain bike packs, is a fully-featured, well-organized, comfortable pack to take you on any of your pedal-powered adventures.

## OWNER'S MANUAL

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[ospreypacks.com](http://ospreypacks.com)

# OVERVIEW



## SHARED FEATURES

- 1 Zip access scratch free embossed sunglass pocket
- 2 Stretchmesh zippered waistbelt pockets provide secure, expandable storage
- 3 Hydration sleeve design with direct access zip for fast loading
- 4 Shoulder strap zip offers right side hose path
- 5 LidLock™ clip quickly secures helmet
- 6 Stretchmesh front pocket for quickly stashing extra gear
- 7 Blinker light attachment and reflective patch for safety
- 8 Removable, roll-up tool pouch keeps tools handy and organized
- 9 Magnetic sternum buckle for quick access to the reservoir bite valve
- + Internal sleeves hold bike tools securely
- + 3L Hydraulics™ Reservoir included

## FABRIC

- MAIN** 70D x 100D Nylon Shadow Check  
**ACCENT** 70D x 100D Nylon Shadow Check  
**BOTTOM** 70D x 100D Nylon Shadow Check

# OVERVIEW



## RAPTOR 14

MEN'S

SPECS	ONE SIZE
Cubic Inches	854
Liters	14
Pounds*	1.61
Kilograms*	0.73
Inches	20h x 9w x 9d
Centimeters	50h x 22w x 22d

Reservoir Wt 11 oz / 0.31 kg

\*Pack weight does not include reservoir

### UNIQUE FEATURE

- 1 Front panel floating pocket with side zippered organizer pocket



## RAVEN 14

WOMEN'S

SPECS	ONE SIZE
Cubic Inches	854
Liters	14
Pounds*	1.54
Kilograms*	0.70
Inches	18h x 9w x 8d
Centimeters	45h x 22w x 21d

Reservoir Wt 11 oz / 0.31 kg

\*Pack weight does not include reservoir

### UNIQUE FEATURE

- 1 Front panel floating pocket with side zippered organizer pocket



## RAPTOR 10

MEN'S

SPECS	ONE SIZE
Cubic Inches	610
Liters	10
Pounds*	1.41
Kilograms*	0.64
Inches	20h x 9w x 7d
Centimeters	50h x 22w x 19d

Reservoir Wt 11 oz / 0.31 kg

\*Pack weight does not include reservoir



## RAVEN 10

WOMEN'S

SPECS	ONE SIZE
Cubic Inches	610
Liters	10
Pounds*	1.34
Kilograms*	0.61
Inches	18h x 9w x 7d
Centimeters	45h x 22w x 19d

Reservoir Wt 11 oz / 0.31 kg

\*Pack weight does not include reservoir



# SUSPENSION



## SUSPENSION

### 1 SUSPENSION

- + Atilon foam framesheet allows dynamic body movement while it spreads load across the entire backpanel

### 2 AIRSCAPE™ BACKPANEL

- + Mesh covered ridged foam allows maximum ventilation while keeping the load close to the body

### 3 BIOSTRETCH™ HARNESS

- + Mesh covered die cut foam provides an active and contouring fit and ventilation
- + Soft, breathable spacer mesh contact surfaces

### 4 AIR MESH HIPBELT

- + Air mesh hipbelt for a breathable and ride-stabilizing wrap

# SIZING / FIT

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## RAPTOR - MEN'S SIZING

TORSO 0/S 17-21" / 43-53 cm

HIPBELT 0/S 27-51" / 70-130 cm

## RAVEN - WOMEN'S SIZING

TORSO 0/S 14-18" / 36-46 cm

HIPBELT 0/S 26-49" / 65 - 125 cm

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## HARNESS FIT

The harness straps should wrap fully around your shoulders with no gaps between the pack and your back. The padded part of the harness straps should end 1"/2.5cm - 2"/5cm below the armpits and the sternum strap adjusted to approximately 2"/5cm below the collarbone.

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## WOMEN'S SPECIFIC FIT

- + The pack shape is narrower and deeper allowing greater freedom of movement and increases stabilization by lowering the position of the load to a women's center of gravity.
- + The shoulder harness is designed with different curves to create an anatomical fit for a woman's neck, shoulders and chest.
- + Women's hips are conically shaped with a larger difference between the waist and hip measurements. The hipbelts are shaped and angled to accommodate this difference which allows a more comfortable load transfer and support.



# FEATURE DETAILS



## COMPRESSION STRAPS

14L / 10L

Side compression straps stabilize loads while lower, cross functional compression straps also serve as external gear carry straps. To adjust, slide the nylon strap through the slider buckle and cinch it to compress/carry.



## LIDLOCK™ HELMET ATTACHMENT

14L / 10L

Osprey's LidLock™ easily and securely carries bicycle helmets.

- A Locate the LidLock™ helmet attachment clip near the top of the pack's front panel and pull away from the pack.
- B In the vertical position, pass LidLock™ through helmet vent from the bottom and engage in horizontal position.
- C On the right outside panel of the pack find a cord loop to increase or decrease tension.
- D Reverse process to detach helmet.



## BLINKER LIGHT ATTACHMENT

14L / 10L

The blinker light attachment strap found near the base of the front panel of the pack allows for quick light attachment for high visibility in the dark.

- A Secure blinker light clip through reflective blinker light attachment loop
- B Blinker light attachment loop is reflective, providing some visibility even without a blinker light.



## TOOL POUCH

14L / 10L

A removable roll-out tool pouch is integrated into its own zippered lower pocket for quick access. It provides tool organization for bike essentials.

- A To remove, locate zippered pocket at the bottom of the pack with tool pouch icon.
- B Unthread toggles from loops.
- C Reverse process to replace tool pouch in pocket.



# PACK / RESERVOIR MAINTENANCE

Your Osprey pack is an extremely durable product and is built for years of use. However, some basic pack maintenance will help ensure your pack lasts a lifetime.

## OSPREY PACKS

### STANDARD MAINTENANCE

- + After each trip be sure to clean out your pack thoroughly.
- + Clean the zippers regularly using mild soap, warm water and soft brush. This will help keep them in proper working condition.
- + If your pack is wet, hang it to dry out of direct sunlight.
- + Loosen all the straps.
- + Wash your pack if dirt, sweat, salt and stains have worked their way into fabrics, webbing or mesh.  
(Do not immerse travel packs in water with our HighRoad™ Wheeled Chassis.)

### WASHING YOUR PACK

- A Empty the pack including any food, dirt or spilled contents.
- B If your pack has a removable harness and hipbelt, remove them from the pack body.
- C Do NOT wash your pack in a washing machine. Clean your pack and components in a bathtub or large sink using a mild detergent and warm water.
- D Agitate the pack gently. Scrub the inside and outside of all compartments including the pockets with a soft brush.
- E Clean the zippers using a mild soap, warm water and a soft brush. Flush water and soap through the buckles. Keeping dirt and debris out of the zippers and buckles will help keep them in proper working condition.
- F Drain the dirty water from the bathtub or sink and refill with cool clean non-soapy water. Rinse the pack thoroughly. Repeat this step as necessary.
- G Hang your pack to dry outside or in a well ventilated area, out of direct sunlight.

### WHEELED TRAVEL LUGGAGE

(Do not immerse travel packs in water with our HighRoad™ Wheeled Chassis.)

- A After each trip, empty the pack including any food, dirt or spilled contents.
- B Clean the zippers regularly using mild soap, warm water and soft brush. This will help keep them in proper working condition.
- C Wipe the exterior of the chassis with a damp cloth or sponge.
- D Clean the pack fabric by scrubbing stains and dirt with warm water, mild detergent and a soft brush or sponge.
- E Use a wet towel with clean non-soapy water to wipe away any soap residue on the pack.
- F Hang your pack to dry outside or in a well ventilated area, out of direct sunlight.

### RECOMMENDED CLEANING PRODUCTS

Osprey recommends Nikwax® products for pack care. Be sure to read label directions carefully before applying any product to your pack.

**Tech Wash®** - Use this with warm water for washing and cleaning your packs or luggage.

**Tent & Gear Solar Proof®** - Use this spray-on product to protect your packs from UV exposure and to improve water repellency.



For complete instructions on cleaning your Osprey pack, visit: [ospreypacks.com/PackTech/PackCare](https://ospreypacks.com/PackTech/PackCare).

## OSPREY RESERVOIRS

### RESERVOIR STANDARD MAINTENANCE

- + Rinsing out your reservoir after each use should keep your reservoir fresh, especially when using sugary drink mixes.
- + Periodically use Osprey's Hydraulics™ Cleaning Tablets to clean your reservoir.
- + Iodine or other purifying tablets used in your reservoir will not affect the quality of your reservoir. However these tablets may stain the reservoir over time.
- + Freezing your reservoir will not effect the quality of the reservoir. However if the reservoir is filled with water, be aware that water expands when it freezes and can damage your reservoir if it is overfilled.
- + Do NOT pour boiling water into the reservoir. This can damage the reservoir and will void your warranty.
- + Watch "Cleaning an Osprey Hydraulics™ Reservoir" video on Osprey Packs YouTube® page.

### CLEANING YOUR RESERVOIR (WITH OSPREY HYDRAULICS™ CLEANING TABLETS)

- A Fill reservoir with warm water. Do not use bleach or boiling water.
- B Add one cleaning tablet to reservoir and close the cap.
- C Let tablet dissolve for 5 minutes with the reservoir laying on its back.
- D Shake the reservoir for 30 seconds to mix and spread the solution.
- E Pinch the bite valve and squeeze the reservoir to remove air and fill the reservoir hose and bite valve with solution.
- F Let the reservoir sit for 15 minutes and then pour out solution.
- G Rinse the reservoir and tube with clean cool water.
- H Hang your reservoir to dry in a well ventilated area.

### DEEP CLEANING YOUR RESERVOIR (WITH OSPREY HYDRAULICS™ CLEANING KIT)

- 1 Rinse out the reservoir and fill it with warm water and a mild dish detergent. Do not use bleach or boiling water.
- 2 With the large cleaning brush from Osprey's Hydraulics™ Cleaning Kit scrub the interior of the reservoir.
- 3 Remove the hose from the reservoir and the bite valve from the hose and use the small brush from Osprey's Hydraulics™ Cleaning Kit to scrub the interior of the hose.
- 4 Remove the silicone bite valve cover and clean it and the bite valve with warm soapy water.
- 5 Rinse the interior and exterior of the reservoir, hose and bite valve parts with cool clean water.
- 6 Let the hose and bite valve dry in a well-ventilated area.
- 7 Insert Osprey's Hydraulics™ Cleaning Kit drying rack into the reservoir and hang to dry in a well ventilated area.

For complete instructions on cleaning your Osprey reservoir watch, "Cleaning an Osprey Hydraulics™ Reservoir" at [youtube.com/ospreypacks](https://youtube.com/ospreypacks).

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## OSPREY ACCESSORIES

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

## PACK YOUR PACK

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

## QUESTIONS?

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

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## [ospreypacks.com/PackTech/OwnersManuals](http://ospreypacks.com/PackTech/OwnersManuals)

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

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## OWNER'S MANUAL

