



1997

The new world of RockShox

# All New JUDY

Entirely new lower casting, spring system and damping make JUDY tons better.

## new '97 technology

**New One-Piece Monocoque Casting** We've developed a true, one-piece casting for the lower legs and fork brace assembly so there is no glue to come loose, no bolts to add weight, and no joints to flex or come apart. Using CAD (computer-aided design) and FEA (finite element analysis), we've made the casting lighter, yet stronger and stiffer. Available with or without brake cable hanger.

**Type II Spring System** RockShox's dynamic pairing of a coil spring and micro-cellular urethane (MCU) delivers an improved spring curve for a ride that's performance-plush and easily adjustable.

**Resi-wiper Seal** Our innovative system lubricates and cleans the upper fork tubes every time the fork sees action. The result? Reduced friction for a smoother ride.

**Aluminum Cartridges (all JUDYs)** New design is strong and reliable with better heat dissipation.

**Anti-Corrosion Protection (JUDY SL/DH/XC)** Special coating protects aluminum upper tubes from the effects of corrosion.

**External Compression Adjuster Knob (JUDY SL)** Machined alloy knob. No more tools needed to adjust compression. Available as a kit for 1997 JUDY XC/DH/DHO.

**Beefy Drop-outs** Our new design puts extra stiffness where it counts.

**New Adjuster Knobs (JUDY SL/DH/XC)** Redesigned aluminum preload adjuster knobs.

## JUDY SL

**Travel:** 63 mm

**Weight:** 2.65 lbs\* (1.20 kg)

**Color:** RockShox yellow with black decals

- One-piece monocoque casting
- Type II spring system
- Resi-wiper seal
- Aluminum cartridge
- Anti-corrosion protection
- Press-on crown
- Compression adjuster knob
- Beefy drop-outs
- Aluminum preload adjuster knobs
- Easton Taperwall EA70 upper tubes (28mm) and steerer tube (threadless only)
- 80mm long travel kit available



### Judy T-Shirt—

These cards are marked for Judy. 100% cotton. Gray shirt with Judy diamonds on front and Judy cards on back. Sizes M, L, and XL. #80122

Judy Decal—#57484





Juli Furtado, Team GT  
US Olympic Mountain Bike Team

## JUDY DH

**Travel:** 80 mm standard  
**Weight:** 3.5 lbs\* (1.58 kg)  
**Color:** Red with cream decals

- One-piece monocoque casting
- Type II spring system
- Resi-wiper seal
- Dual aluminum cartridges—one for compression, one for rebound
- Stiffer crown and butted steel upper tubes
- Compression and rebound damping adjustment
- Aluminum preload adjuster knobs
- External compression adjuster knob accessory kit available



## JUDY XC

**Travel:** 63 mm standard  
**Weight:** 2.95 lbs\* (1.33 kg)  
**Color:** New cream with red decals

- One-piece monocoque casting
- Type II spring system
- Resi-wiper seal
- Aluminum cartridge
- Anti-corrosion protection
- Preload adjuster knobs
- Easton Taperwall EA70 upper tubes (28mm)
- 80mm long travel kit available
- External compression adjuster knob accessory kit available



## JUDY C

**Travel:** 63 mm standard  
**Weight:** 3.25 lbs\* (1.47 kg)  
**Color:** New cream with blue decals

- Type II spring system
- Resi-wiper seal
- Aluminum cartridge
- Press-on crown
- Preload adjuster knobs
- 28mm diameter 4130 chrom-moly steel upper tubes
- 80mm long travel kit available
- Available only as part of a complete bicycle



RockShox offers models of forks which are engineered for extreme speeds achieved by downhill racers. RockShox recommends you use a downhill-specific RockShox fork (Judy DHO or Judy DH) for downhill competition.

\*All weights are based on 1"x140mm steerer

## Mag 21 and Quadra 5— Suspension Standards

### Quadra 5

Travel: 48 mm

Weight: 3.2 lbs\* (1.45 kg)

Color: New black with  
stripes

- Proven reliable design
- Solid urethane elastomer
- Aluminum brace
- Mag lower legs
- Available only as part of a complete bicycle



### MAG 21

Travel: 48 mm

Weight: 3.3 lbs\* (1.49Kg)

Color: Nickelite

- Race proven history
- Air sprung-oil damped
- Compression damping adjuster knobs
- Bolt on crown
- Aluminum brace
- Mag lower legs
- 4130 steel upper tubes
- Steel steerer
- 58mm long travel kit available



new '97 technology

**Introducing the New Indy Line—High performance at an affordable price. Light, stiff, and easy to tune.**

**New One-Piece Monocoque Casting** We've developed a true, one-piece casting for the lower legs and fork brace assembly so there is no glue to come loose, no bolts to add weight, and no joints to flex or come apart. Using CAD (computer-aided design) and FEA (finite element analysis), we've made the casting lighter, yet stronger and stiffer. Available with or without brake cable hanger.

**Type II Spring System** RockShox's dynamic pairing of a coil spring and micro-cellular urethane (MCU) delivers an improved spring curve for a ride that's performance-plush and easily adjustable.

**Resi-wiper Seal** Our innovative system lubricates and cleans the upper fork tubes every time the fork sees action. The result? Reduced friction for a smoother ride.

**Anti-Corrosion Protection (INDY SL)** Special coating protects aluminum upper tubes from the effects of corrosion.

**New Adjuster Knobs (INDY SL)** Redesigned aluminum preload adjuster knob.

### INDY C

Travel: 63 mm

Weight: 3.25 lbs\* (1.47 kg)

Color: New cream with  
blue decals

- One-piece monocoque casting
- Type II spring system (coil/solid urethane)
- Resi-wiper seal
- Press-on crown
- Preload adjuster knobs
- 4130 steel upper tubes
- Available only as part of a complete bicycle



Introducing

# INDY—

Major Power at a  
Matchbox Price



## INDY SL

Travel: 63 mm

Weight: 2.7 lbs\* (1.22 kg)

Color: RockShox yellow  
with black decals

- One-piece monocoque casting
- Type II spring system
- Resi-wiper seal
- Anti-corrosion protection
- Press-on crown
- Aluminum preload adjuster knobs
- Easton Taperwall EA70 upper tubes and steerer tube (threadless only)
- 75mm long travel kit available

## INDY XC

Travel: 63 mm

Weight: 3.1 lbs\* (1.40 kg)

Color: New cream with  
red decals

- One-piece monocoque casting
- Type II spring system
- Resi-wiper seal
- Preload adjuster knobs
- Butted 4130 steel upper tubes
- 75mm long travel kit available



### Indy T-Shirt—

Milk is the beverage of choice in the Indy 500 winner's circle. 100% cotton white shirt with Indy milk on the back. Sizes M, L, and XL. #60120

### Indy Decal—#57457

\*All weights are based on 1" x 140mm steerer

RockShox offers models of forks which are engineered for extreme speeds achieved by downhill racers. RockShox recommends you use a downhill-specific RockShox fork (Judy DHQ or Judy DH) for downhill competition.



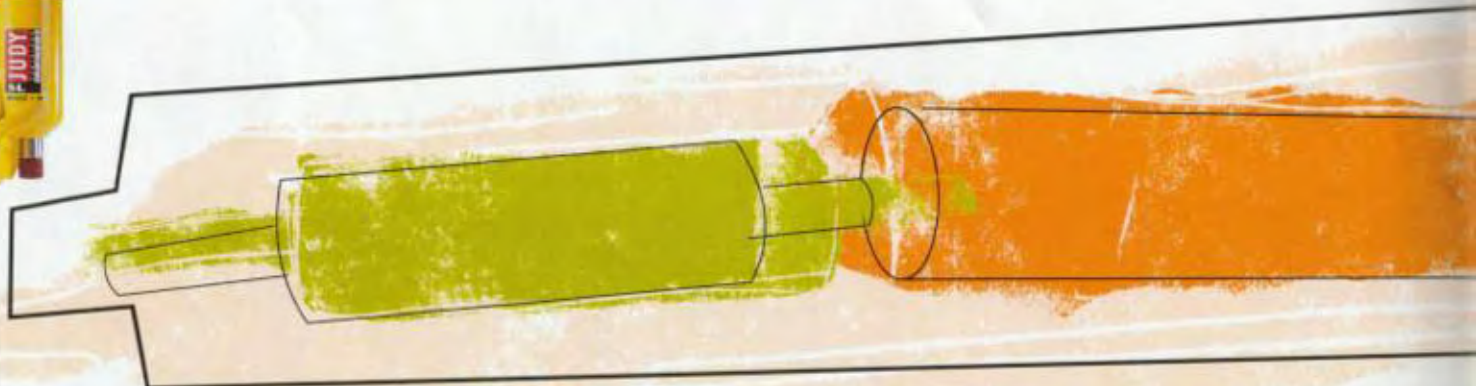
# New for 1997

Seven technical features that make the difference

## Beefy Drop-outs

Standard on JUDY SL/DH/XC

Puts extra stiffness where it counts.



## Aluminum Cartridges

Standard on all JUDYs

Provide improved reliability, consistent damping and better heat dissipation.



## Type II Spring System\*

Standard on all JUDYs, all INDYs, and the Road Fork

A combination of coil spring, micro-cellular urethane (MCU) elastomers and spring rate adjuster, this system is very active and adjusts easily to different rider body weights.



## External Adjuster Knob

Standard on JUDY SL

Easy damping adjustment on the trail. Machined alloy knob. No more tools required!

Available as a tuning kit for Judy XC/DH/DHO.



## New Preload Adjuster Knobs

Standard on JUDY SL/DH and INDY SL

Redesigned, racy aluminum preload adjuster knobs.



### \* All About the Type II Spring System

No two riders are alike. That's why we invented a spring system with infinite adjustability. The Type II spring system consists of three pieces in each fork leg: a coil spring, a spring rate adjuster, and a micro-cellular urethane (MCU) elastomer. The spring rate adjuster is a spacer inside the coil spring, which comes in three different lengths. A change in length changes the spring rate. The shorter the rate adjuster, the softer the ride, and the longer the rate adjuster, the stiffer the ride. The springs also come in four different rates to accommodate riders ranging from 110 to 220 lbs (50-100 kg). With three different length adjusters and four spring rates, you can fine tune the performance of your fork for your unique riding style. While your RockShox fork may come with only one set of rate adjusters and coil springs inside, Type II Spring kits are available so you can adjust your fork to your weight and specific performance needs. There's also a Type II Spring kit available for your older Judy fork.

## Resi-wiper Seal

Standard on JUDY SL/XC/DH, all INDYs and the Road Fork

New Resi-wiper seal has a reservoir of lubrication trapped between two sealing lips so the wiper can seal tighter with less friction.



## New True One-Piece Monocoque Casting

Standard on JUDY SL/XC/DH, INDY SL/XC/C, and the new Road Fork

We used a high-tech magnesium die-cast process, CAD (computer-aided design) and FEA (finite element analysis) to produce a true, one-piece lower tube assembly—no bolts, no glue, no joints. No kidding. It's lightweight and stiff. Available with or without brake cable hanger.

