

32 F-SERIES

LIGHTER. SMARTER. FASTER.

For 2011, we improved air spring curves throughout the F-Series lineup, allowing more usable travel with lower compression ratios. Kashima Coat reduces friction in the F-Series' 32 mm stanchions, which provides quicker suspension response and improved durability. Building upon the success and stellar performance of the FIT™ damper, we've added an all-new FIT Terralogic® model to our lightweight fork arsenal. The completely redesigned Terralogic inertia valve senses changes in terrain, instantly providing optimal firmness for maximum pedaling efficiency, or full, plush travel for worry-free front-end control.

The 15-position Terralogic threshold adjuster allows settings anywhere from lockout firm to completely open, allowing the rider to tune it for anything from XC races to All-Mountain epics. We put all of this new and improved technology into our World Cup winning, confidence-inspiring chassis that offers a new lighter weight, optional 15QR™ system.



BIGGER JUST GOT BETTER

which is available in 80 and 100 mm travel configurations. The Terralogic system offers riders the same great suspension consistency, fade-free damping, and famous front-end traction found in the FIT RLC version, but Terralogic's entirely re-engineered inertia valve instantly provides full travel for front-end traction and steering precision, and the best possible platform for greatest The external, 15-position Terralogic threshold adjuster allows

rider-adjustable settings ranging anywhere from lockout firm to The optional 15QR thru axle system is now lighter, further enhancing ompletely open. The 32 F29 is completed with the precise handling, World Cup proven chassis, including Kashima Coat stanchions for dramatically reduced friction and improved durability, and our optional — and now lighter — 15QR thru axle system.



32 TALAS 29

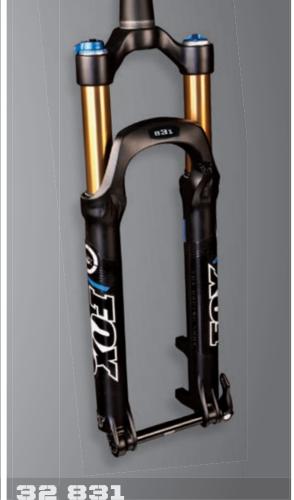
MORE FEATURES FOR BIG WHEELS We've enhanced performance and durability in the 2011 32 F29 $\,$ The new 32 TALAS® 29 offers riders 120 mm of our celebrated by improving air spring curves to give it more usable travel with travel, along with the ability to decrease travel to 95 mm - on lower compression ratios, and added a new FIT Terralogic model, damper technology found in our 26-inch wheel models, providing a terrain-sensing transformation from full plush travel to pedaling efficiency firm with absolutely no response lag. Of course, the 32 TALAS 29 is also available in our industry benchmark FIT RLC model. Stanchion tubes with Kashima Coat improve suspension

our World Cup proven chassis' steering precision and front-end traction that riders expect from FOX Racing Shox.



THE LIGHTWEIGHT CHAMPION **KEEPS GETTING BETTER**

compression ratios for better performance and durability, with Our lightweight FLOAT® trail fork, famous for its legendary damping improved air spring curves. Ultra low-friction Kashima Coat performance and light weight is back with a vengeance for 2011, enhanced by improved air spring curves that increase usable travel with lower compression ratios. Travel adjustments are now easier and quicker, with the new Available in 140 and 150 mm travel configurations. FLOAT offers 2-position TALAS system that instantly changes travel between 150-120 mm, or 140-110 mm. Building upon the championship two proven damper options; our FIT RLC damper, celebrated for its ultra-fast wheel response for incredible front-end traction model has been added, making 32 TALAS the most versatile 32 and extremely wide range of rider-adjustable, external tuning mm trail fork available. The Terralogic damper gives riders the options, and the proven workhorse, our open bath RL. The FIT RLC same incredible suspension consistency, fade-free damping, and model is treated to Kashima Coat stanchions, which significantly race-winning front-end traction that riders demand from our FIT decrease friction and enhance durability. With our new, lighter RLC model, while its redesigned inertia valve senses changes weight, optional 15QR thru axle system and confidence-inspiring in terrain, providing optimal firmness for maximum pedaling FOX chassis, FLOAT's steering precision, front wheel control, and desirability just keep improving.



TAKING 4X, DIRT JUMP, AND DUAL SLALOM

Jump, and Dual Slalom with their high demand on equipment, technology, and the FIT RLC Damper. stiffness at this travel via the use of FOX's longer-travel chassis 831 also benefits from Kashima Coat, which significantly reduces

stanchion friction for improved feel and durability.



32 831

FIT RLC 100 FIT

NEW Kashima Coat 3.73 lb / 1.69 kg

32 F-SERIES NEW FIT TERRALOGIC F80

FIT RLC F80 FIT

FIT REMOTE F80 FIT

SUSPENSION TO THE NEXT LEVEL Designed and engineered specifically for the athletes in 4X Dirt

the new 831 is based on our 32 mm platform, FLOAT Air Spring The 831's FIT RLC damper is valved with firmer high-speed compression damping and new low-speed compression needle and circuit, to maximize pedaling efficiency when sprinting out of the start gate and absorbing large jump landings. The FLOAT air spring has been optimized to provide more progression, and push back on the rider during high cornering loads. Factory travel is set at 100 mm and is internally adjustable to both 110 and 120 mm for optimal crown-to-axle height tuning. The 831 chassis has increased components normally found on the 32 FLOAT and TALAS forks. The

	RL	F80 F100 F120	Open bath	Hard anodized		3.33 lb / 1.51 kg 3.33 lb / 1.51 kg 3.42 lb / 1.55 kg		3.1 inches / 80 mm 3.9 inches / 100 mm 4.7 inches / 120 mm	Lever actuated lockout Air spring pressure Rebound			
32 F29	NEW FIT TERRALOGIC	F80 100	FIT	NEW Kashima Coat	4.13 lb / 1.88 kg	3.95 lb / 1.79 kg 3.95 lb / 1.79 kg		3.1 inches / 80 mm 3.9 inches / 100 mm	Terralogic threshold Air spring pressure Rebound	15QR thru axle system, Post style disc brake mounting 9mm open drop-out.	White	Air
	FIT RLC	80 100 120	FIT	NEW Kashima Coat	3.92 lb / 1.78 kg 3.96 lb / 1.80 kg	3.73 lb / 1.69 kg 3.73 lb / 1.69 kg 3.77 lb / 1.71 kg	3.88 lb / 1.76 kg 3.91 lb / 1.77 kg	3.1 inches / 80 mm 3.9 inches / 100 mm 4.7 inches / 120 mm	Low-speed compression Lever actuated lockout lockout force adjust Air spring pressure Rebound	Post style disc brake mounting		
NEW 32 TALAS 29	NEW FIT TERRALOGIC	120	FIT	NEW Kashima Coat	4.17 lb / 1.89 kg		4.12 lb / 1.87 kg	4.7 inches / 120 mm (NEW TALAS [2-position] 120•95)	Terralogic threshold Travel — TALAS [2-position] Air spring pressure Rebound	15QR thru axle system, Post style disc brake mounting 9mm open drop-out, Post style disc brake mounting	Black Diamond	Air
	NEW FIT RLC	120	FIT	NEW Kashima Coat	3.96 lb / 1.80 kg		3.91 lb / 1.77 kg	4.7 inches / 120 mm (NEW TALAS [2-position] 120•95)	Low-speed compression Lever actuated lockout Lockout force adjust Travel — TALAS [2-position] Air spring pressure Rebound	- Total Caracian Housing		
32 TALAS	NEW FIT TERRALOGIC	140	FIT	NEW Kashima Coat	4.08 lb / 1.85 kg		4.06 lb / 1.84 kg	5.5 inches / 140 mm (NEW TALAS [2-position] 140•110)	Terralogic threshold Travel — TALAS [2-position] Air spring pressure Rebound	15QR thru axle system, Post style disc brake mounting 9mm open drop-out, Post style disc brake mounting	• Black Diamond • White	Air
	FIT RLC	140 150	FIT	NEW Kashima Coat	3.88 lb / 1.76 kg 3.88 lb / 1.76 kg	3.69 lb / 1.68 kg	3.81 lb / 1.73 kg	5.5 inches / 140 mm (NEW TALAS [2-position] 140•110) 5.9 inches / 150 mm (NEW TALAS [2-position] 150•120)	Low-speed compression Lever actuated lockout Lockout force adjust Travel — TALAS [2-position] Air spring pressure Rebound			
	FIT RL	140	FIT	Hard anodized		3.72 lb / 1.69 kg		5.5 inches / 140 mm (NEW TALAS [2-position] 140•110)	Lever actuated lockout Travel — TALAS [2-position] Air spring pressure Rebound			
32 FLOAT	FIT RLC FIT RLC	140 150	FIT	NEW Kashima Coat	3.75 lb / 1.70 kg 3.75 lb / 1.70 kg	3.56 lb / 1.62 kg	3.74 lb / 1.70 kg 3.74 lb / 1.70 kg	5.5 inches / 140 mm 5.9 inches / 150 mm	Low-speed compression Lever actuated lockout Lockout force adjust Air spring pressure Rebound	15QR thru axle system, Post style disc brake mounting 9mm open drop-out, Post style disc brake mounting	White	Air

3.66 lb / 1.66 kg

3.9 inches / 100 mm

110 mm or 120 mm)

3.47 lb / 1.58 kg

NEW Kashima Coat 3.31 lb / 1.50 kg 3.31 lb / 1.50 kg

3 47 lb / 1 57 kg

• Terralogic threshold Air spring pressure
 Rebound

Low-speed compressio

 Lever actuated lockout
 Lockout force adjust Air spring pressure

• Lever actuated lockout

Low-speed compression

 Lockout force adjust Air spring pressure

15QR thru axle system.

Black Diamond Air

Air spring pressure

· Handlebar actuated lockout

Post style disc brake mounting

 9mm open drop-out Post style disc brake mounting

3.9 inches / 100 mm

3.1 inches / 80 mm

3.9 inches / 100 mm 4.7 inches / 120 mm

3.1 inches / 80 mm

3.9 inches / 100 mm 4.7 inches / 120 mm

36 160 SERIES



36 160 FLOAT 36 160 TALAS 36 160 VAN

6.3 INCHES OF TRAVEL AND MILES OF LIGHTWEIGHT OPTIONS

For 2011, we're introducing ultra-lightweight to the long travel All- 2011 brings 36 VAN, the coil-sprung hero of our single crown lineup, an mountain class. We've brought our FIT RLC damper into both TALAS and all-new, FIT RC2 inverted damper to compliment its proven open bath R FLOAT models augmenting the open bath R models by offering riders an damper model. The new damper is lighter and has less un-sprung weight, incredibly wide range of low-speed compression and rebound adjustments providing faster suspension reaction for better front-end traction. Bottom in a new, lighter weight damper that provides unparalleled front wheel Out Control has been improved for improved rider confidence during big terrain following. The new lockout lever has been ergonomically designed hits and harsh terrain. Through the unique new single wall bladder design for quick and easy use. The 36° TALAS features all-new, 2-position travel and new dynamic seal, suspension performance and durability have been adjustability set at 120 and 160 mm, allowing riders to switch from short improved, making 36 VAN the coil-sprung, 6 inch fork of choice. travel for climbing efficiency to full, long travel plush quickly and easily with the top-mounted and ergonomically perfect 36 TALAS lever. As with all 36 models, the super-stiff chassis matched with our 20QR^m thru axle system give riders the maximum steering precision and front-end

36 180 SERIES

MASTER THE MOUNTAIN

For 2011, we have produced more usable travel with lower

efficiency, or full, plush travel - instantly - with no extra input

from the rider. The 15-position Terralogic threshold adjuster

allows settings anywhere from lockout firm to completely

open, allowing the rider to tune it for anything from XC races to

stanchions provide lightning-fast suspension response.



A BIGGER, STIFFER, AND LIGHTER LONG TRAVEL SINGLE CROWN FORK

TALAS lever that easily changes the travel setting from 180 to 140 mm. The ultra-lightweight champion throughout the FOX family, the 36 FLOAT is the lightest 180 mm single crown fork in the business. Riders who crave the linear progression of a coil spring will love the new, long travel, lightweight and silky-smooth VAN. Each model is available with our all-new FIT RC2 inverted damper, as well as our open bath R damper, an industry benchmark for damping performance and reliability. The new FIT RC2 damper lowers un-sprung weight, allowing the fork to react quicker for better steering

Today's mountain bike riders are pushing their equipment to new limits, control. Its unique single-wall bladder design has been engineered to provide going farther, faster, and bigger than they ever have before. More travel, incredibly reliable and consistent, fade-free damping. The inverted design more control, more adjustability and lighter weight, top their wish lists. We've offers the same ultra-wide range of adjustability, but the new high and low responded with our new for 2011, 36 TALAS, FLOAT, and VAN models, are speed adjusters have been moved to the top of the stanchion for increased

now available with 180 mm of travel. Riders who want on-the-fly adjustable convenience. Improved Bottom-Out Control enhances rider confidence and travel will love the new 36 TALAS, with its new ergonomically pleasing front-end control by producing a virtually bottomless suspension feel. We designed the 36 180 mm series with an incredibly large amount of bushing overlap and a new below axle tube design creating an extremely stiff chassis and the lowest axle to crown distance available in a 180 mm fork, giving the uncompromising steering precision in a long travel package. RC2 models come with Kashima Coat stanchions for stiction-free performance, to give long travel single crown fork dreams a reality.



CONTINUING TO TURN THE DOWNHILL WORLD UPSIDE DOWN

For 2011, we've inverted the 40's celebrated FIT RC2 damper, and made it lighter in the process. This new damper lowers the fork's un-sprung weight, which allows it to react quicker, improving the 40's already legendary terrain following and front-end confidence. With its unique, single-wall bladder design, the new FIT RC2 damper provides increased reliability, and consistently fade-free damping. Improved Bottom-Out Control produces a virtually bottomless feel enhancing rider confidence and front-end control. The new inverted damper design offers the same ultra-wide range of adjustability, giving riders tuning options for every course. We've swapped the adjuster position too. By placing the new high-and lowspeed compression dials on top, we're giving you easier access to fine-tuning your setup.

Rebound is now on the bottom of the fork leg and the new knob provides greater clearance. The 40® receives the same Kashima Coat stanchions we tested on the World Cup circuit that reduce friction and improve front end sensitivity. In fact, friction has been reduced throughout the ultra-stiff chassis, which further improves its legendary performance and reliability. We never stop improving the 40 RC2's winning ways so that you can keep winning.

					WEIGHT	WEIGHT		ADJUSTMENTS				
		MODEL	DAMPER	STANCHIONS (UPPER TUBES)	(11/8" STEERER)	(1.5" TAPER STEERER)	TRAVEL	External	Internal	LOWER LEG	FORK COLOR	SPRING
TALA	FLOAT	NEW FIT RLC 160	FIT	NEW Kashima Coat	4.49 lb / 2.04 kg	4.47 lb / 2.03 kg	6.3 inches / 160 mm	Low-speed compression Lever actuated lockout Lockout force adjust Air spring pressure Rebound	Travel is adjustable down to 100 mm in 10 mm increments	r Black	White	Air
		R 160	Open bath	Hard anodized	4.52 lb / 2.05 kg		6.3 inches / 160 mm	Air spring pressure Rebound	Travel is adjustable down to 100 mm in 10 mm increments			
	TALAS	NEW FIT RLC 160	FIT	NEW Kashima Coat	4.67 lb / 2.12 kg	4.65 lb / 2.11 kg	6.3 inches / 160 mm (NEW TALAS [2-position] 160•120)	Low-speed compression Lever actuated lockout Lockout force adjust Travel — TALAS [2-position] Air spring pressure Rebound			Black Diamond	Air
		R 160	Open bath	Hard anodized	4.70 lb / 2.13 kg		6.3 inches / 160 mm (NEW TALAS [2-position] 160•120)	• Travel — TALAS [2-position] • Air spring pressure • Rebound				
	VAN	NEW FIT RC2 160	FIT	NEW Kashima Coat	5.13 lb / 2.33 kg	5.12 lb / 2.32 kg	6.3 inches / 160 mm	Low-speed compression High-speed compression Coil spring preload Rebound	Hydraulic bottom-out resistance in damper		Black Diamond	Steel Spring
		R 160	Open bath	Hard anodized	5.17 lb / 2.34 kg		6.3 inches / 160 mm	Coil spring preload Rebound				
		I	ı		ı	1		1				
TAL	FLOAT	NEW FIT RC2 180	FIT	NEW Kashima Coat	5.22 lb / 2.37 kg	5.18 lb / 2.35 kg	7.1 inches / 180 mm	Low-speed compression High-speed compression Air spring pressure Rebound	Travel is adjustable down to 100 mm in 10 mm increments	200R thru axle system, Post style disc brake mounting	White	Air
		NEW R 180	Open bath	Hard anodized	5.25 lb / 2.38 kg		7.1 inches / 180 mm	Air spring pressure Rebound	Travel is adjustable down to 100 mm in 10 mm increments			
	TALAS	NEW FIT RC2 180	FIT	NEW Kashima Coat	5.40 lb / 2.45 kg	5.37 lb / 2.43 kg	7.1 inches / 180 mm (NEW TALAS [2-position] 180•140)	Low-speed compression High-speed compression Travel — TALAS [2-position] Air spring pressure Rebound			Black Diamond	Air
		NEW R 180	Open bath	Hard anodized	5.44 lb / 2.47 kg		7.1 inches / 180 mm (NEW TALAS [2-position] 180•140)	Travel — TALAS [2-position] Air spring pressure Rebound				
	VAN	NEW FIT RC2 180	FIT	NEW Kashima Coat	5.98 lb / 2.71 kg	5.94 lb / 2.70 kg	7.1 inches / 180 mm	Low-speed compression High-speed compression Coil spring preload Rebound	Hydraulic bottom-out resistance in damper		Black Diamond	Steel Spring
		NEW R 180	Open bath	Hard anodized	6.01 lb / 2.73 kg		7.1 inches / 180 mm	• Coil spring preload • Rebound				
40	NEW FIT RC	2	FIT	NEW Kashima Coat	6.81 lb / 3.09 kg		8 inches / 203 mm	Low-speed compression High-speed compression Coil spring preload	Hydraulic bottom-out resistance in damper Travel is adjustable down to 6.5 inches in	20 mm thru axle, International Standard disc brake tabs	Black Diamond White	Titanium Spring

FOR 2011, THE 36 FORKS GET LIGHTER, LONGER AND ALL-NEW DAMPERS LIGHTER WEIGHT **MORE TRAVEL** FIT RLC DAMPER INVERTED FIT RC2 DAMPER FLOAT AIR SPRING CURVES

(9.5 x 3.0 - no reducers or spring)

(9.5 x 3.0 - no reducers or spring)

OT 30 FLUAT KLL WITH L3 - Talper Steeled.	Chassis and crown improvements, as well as an incredibly large amount of bushing overlap, have been made to maximize the ride quality of the 36 Series. Producing the lowest possible ride height, and an extremely stiff chassis		The inverted design offers the same utra-wide range of adjustability, but the new high and low speed adjusters have been moved to the top of the stanchion for increased convenience. Improved Bottom-Out Control enhances rider confidence and front-end control by producing a virtually	pleasing TALAS lever, quickly and easily changes the travel setting from 180 to 140 mm (for 180 models), or 160 to 120 mm (for 160 models). VAN SPRING SYSTEM All models of the VAN have a new low friction coil spring system.	
010 36 FLOAT RC2 with 1.5″ taper steerer compared to a 011 36 FLOAT RLC with 1.5″ taper steerer.	steerer tubes, and lower legs that are optimized for long travel to retain the legendary FOX control you desire.	The FIT RLC damper provides low-speed compression, rebound, lockout, and lockout force adjust. The all-new lockout lever has been ergonomically designed for quick	incredibly reliable and consistent, fade-free damping. The inverted design offers the same ultra-wide range of	Riders who want on-the-fly adjustable travel will love the new 36 TALAS 2-position system. Its new, ergonomically pleasing TALAS lever, quickly and easily changes the travel setting from 180 to 140 mm (for 180 models), or 160 to 120 mm	
	hello to our all-new from the ground up 180 lineup. All 36 forks are now available with the new FIT RC2 or open bath R	160 and FLOAT 160 models. Offering riders an incredibly wide range of low-speed compression and rebound adjustments in a new, lighter weight damper that provides unparalleled front wheel terrain following	The new FIT RC2 damper lowers un-sprung weight allowing the fork to react quicker for better steering control. Its unique	TALAS 2-POSITION SYSTEM	

REAR SHOCKS

FLOAT **CONTINUING THE**

WINNING TRADITION Our 2011 FLOAT Series of lightweight, high-volume air shocks continue their World Cup winning ways, with our revolutionary Boost Valve®. Boost Valve technology was developed at the most demanding downhill courses in the world, and optimized for cross-country and trail bike use. It provides velocity and position-sensitive damping that can be designed into the beginning of the stroke, the end of the stroke, or both at the same time. Our ProPedal® system provides maximum pedaling efficiency, traction, and square edge performance, eliminating first strike harshness when activated. Our RP2 and RL models are now remote compatible, via the same, optional, ergonomically correct remote lockout lever found in our 32 F-Series lightweight fork line. With the

options, our FLOAT shocks will keep you ahead of

the competition.



DHX AIR

HEAVY DUTY RIDING PERFORMANCE IN A FEATHERWEIGHT PACKAGE

riding shock performance in an ultra-lightweight package. The extra-large volume air spring and position-sensitive, velocity sensitive Boost Valve damping offer an amazing amount of stutterbump through big hit sensitivity, and virtually bottomless suspension performance in any type With a 90 degree flick of its ProPedal lever, traction, and square edge performance. eliminating first-strike harshness when activated, plush, downhill loving travel when the ProPedal is deactivated With linear adjustable rebound adjustment, and independent adjustable



DHX RC4

FOR COMPETITION USE ONLY

The DHX RC4 is our flagship, purpose-built downhill shock specifically engineered to meet the demands of the athletes who make the world's most incredible downhill courses look simple. The DHX RC4's externally adjustable high and low speed velocity sensitive damping, and our celebrated Boost Valve that provides positionsensitive ending stroke control, act independently from each other allowing the rider to dial in the ontimal balance of traction, small bump compliance and big-hit absorption for the perfect amount of rain following it takes to win championships. A large diameter shaft lowers internal pressures and increases oil flow throughout the entire shock llowing for the widest-possible range of tuning. We built it from the ground up to make every one of your runs faster, because you're always



VAN RC THE PEOPLE'S CHAMPION

our World Cup and World Championship winning DHX family of shocks, the VAN RC is the perfect combination of performance, durability, and value. We've added the VAN RC to the 2011 line-up, featuring new externally adjustable low-speed compression damping, linear low-speed rebound adjustability, and DHX based oil capacity. The 2011

and performance at a whole new value level.



	MODEL	WEIGHT	LENGTH / TRAVEL	ADJUSTMENTS	FEATURES	SPRIN
FLOAT	RP23 (Boost Valve)	.46 lbs / 208 g (6.5 x 1.5 - no reducers)	5.5 x 1.0, 6.0 x 1.25, 6.5 x 1.5, 7.5 x 2.0, 7.875 x 2.0, 7.875 x 2.25, 8.5 x 2.5	Tuning range adjuster w/3 ProPedal positions (1) Light (2) Medium (3) Firm ODHC ProPedal lever with 2 positions ProPedal On ProPedal Off Air spring pressure Rebound	Boost Valve Angled air valve position for easier access Lightweight chassis	Air
	RP2 (Boost Valve)	.44 lbs / 200 g (6.5 x 1.5 - no reducers)	5.5 x 1.0, 6.0 x 1.25, 6.5 x 1.5, 7.5 x 2.0, 7.875 x 2.0, 7.875 x 2.25	DOHC ProPedal lever with 2 positions » ProPedal On » ProPedal Off Air spring pressure Rebound	NEW Remote capable Boost Valve Angled air valve position for easier access Lightweight chassis	
	RL	.46 lbs / 208 g (6.5 x 1.5 - no reducers)	5.5 x 1.0, 6.0 x 1.25, 6.5 x 1.5, 7.5 x 2.0, 7.875 x 2.0, 7.875 x 2.25	Lockout lever with 2 positions » ProPedal » Lockout Air spring pressure Rebound	Lockout Angled air valve position for easier access Lightweight chassis	
	R	.46 lbs / 208 g (6.5 x 1.5 - no reducers)	6.5 x 1.5, 7.875 x 2.0, 8.5 x 2.5	Air spring pressure Rebound	Angled air valve position for easier access Lightweight chassis	
DHX AIR	5.0	.97 lbs / 443 q	7.5 x 2.0. 7.875 x 2.0.	Bottom-out resistance	Angled air valve position for easier access	Air

8.75 x 2.75, 9.5 x 3.0, 10.5 x 3.5

 Air spring pressure Tuning range via SchraederRebound

» High-speed compression

KASHIMA COAT

Beyond the obvious benefit of added durability, the significant decrease in friction has proven to give riders a tangible increase in suspension performance. Athletes who raced with Kashima Coat treated FOX Racing Shox suspension reported better overall front end traction and small bump compliance, even a reduced level of upper-body fatigue with the exclusive coating. The integration of Kashima Coat upper tubes on FOX forks greatly reduces friction compared to previous model years.

Kashima Coat is available on the 2011 32 FIT Terralogic and FIT RLC, 36 FIT RLC and FIT RC2, and 40 FIT RC2 models.

PROVEN COATING TECHNOLOGY

for years across the motorcycle and automotive industries in suspension components and clutch and valve train assemblies because of its low-friction and ultra-wear resistance properties. In the revolutionary Kashima Coat process, lubricating molybdenum disulfide is deposite via electrical induction, into the billions of micropores on the surface of hard-anodized aluminum. With its debut on the international mountain bike racing circuit, the distinctive gold-colored, Kashima coated stanchions maintain better lubrication characteristics, and the lightweight aluminum components treated with Kashima Coat attain a level of hardness and abrasion resistance four times tougher than standard hard-anodized aluminum.

quite a few victories aboard Kashima Coat treated suspension, including both men's and women's British National Downhill Championships, four World Cup wins, and a World Championship victory with Yeti/FOX rider Jared Graves in 4X. The combination of incredibly favorable tangible data and the desire by its world-class riders to be equipped with Kashima coated suspension has led FOX Racing Shox to an exclusive partnership

TERRALOGIC®

allows for seamless bump transitions for quicker reset circuit allows tuning from XC lockout firm to trail worthy low-speed control. providing fade free performance with no lag in generating platform when the BrassMass closes after a

The patent-pending expanding bladder (previously seen on 2010 FIT RL/RLC) adds no friction to the system and is optimized for each travel fork to avoid excess weight. Terralogic shares the same single wall expanding bladder technolog with the rest of the 2011 FIT The patented timer circuit has been refined to allow the BrassMass to return to the closed

position almost instantaneously for maximum pedaling efficiency,

the BrassMass that prevents confusion and premature closure eliminating second-strike harshness during longer technical sections such as rock gardens. The flow of the Terralogic threshold adjustment flows through the main compression damping circuit fo FIT RLC level performance ever in the lightest Terralogic threshold

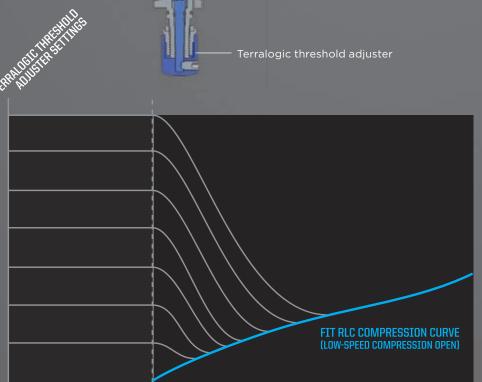
platform adjustment anywhere between lockout firm and fullopen, while providing full velocity sensitive shimmed damping at any setting. One fork can be tuned for XC races, all-mountain epics, and downhill shuttle runs with one external adjustment and no degradation of damping control.

BrassMass opens and closes.



Velocity-sensitive compression damping shims





FIT DAMPERS

We worked with FOX sponsored athletes to test the system and fine

tune the damping. The first production FIT dampers were produced in the 2005 model year in our 40 RC2 and 36 TALAS RC2 models. We have continued to work with our sponsored athletes and teams to constantly develop and improve the FIT system and we have won countless downhill races and 4 DH World Championships since then. For model year 2011, we utilized the single wall expanding bladder and inverted damper technology found in our 32 RLC and RL dampers, created an RLC damper for our 36 160 line, redesigned our 36 and 40 RC2 dampers, and developed a completely new 36 180 RC2 damper.

the top of the fork leg for easy on-the-fly

Because rebound tends to be a set-and-forget adjustment, the Rebound design for improved adjuster is now on the bottom of the fork leg, with more clearance on

DHX





WEIGHT SAVINGS FADE FREE = INSTANT LAG FREE LOCKOUT SUPER CONSISTENT DAMPING



BOOST VALVE DAMPING CAN BE UTILIZED:

Downhill plushness with XC efficiency.

BOOST VALVE

in the beginning of the at the end of the stroke stroke to achieve ProPedal to provide a bottomless pedaling efficiency. throughout the stroke, preventing suspension overshoot and unwanted inspiring ending rider-terrain induced

The gravity oriented Boost Valve technology was integrated into

an inline design within our FLOAT RP23 and RP2 shocks, uniting

Position-sensitive compression damping is not found in any other

shock but FOX.

· High volume air sleeve is standard

strength and decreased weight

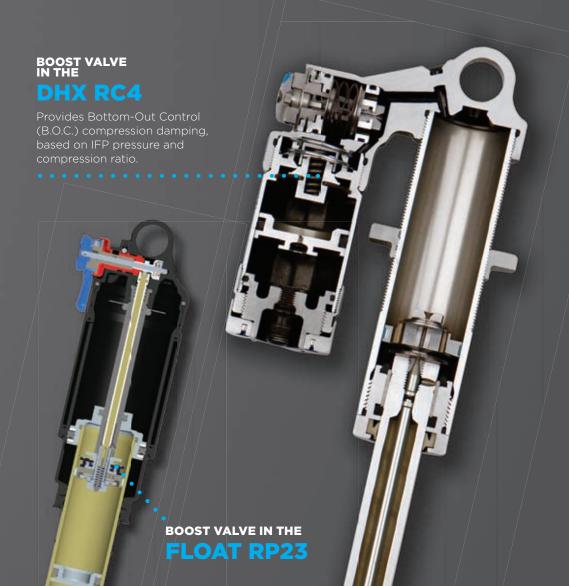
Bottom-out progressiveness (via Bottom-out control knob)
 Increased shaft size for reduced internal pressures

Boost Valve for position-sensitive bottom-out control Coil

Increased oil flow to allow wider range of tuning

• Speed-sensitive compression and rebound damping

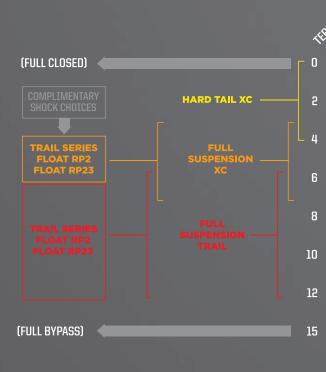
Vast tuning range provides perfect solution for any suspension design.





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BRASSMASS