

32 QUICKGUIDES

32 F-SERIES

	MODEL	DAMPER	WEIGHT (1 1/8" STEERER)		WEIGHT (1.5" TAPER STEERER)		TRAVEL	ADJUSTMENTS	LOWER LEG OPTIONS	FORK COLOR		SPRING	INTENDED USE	PAGE	
			15QR (includes axle)	9mm open drop out	15QR (includes axle)	9mm open drop out				Standard	Optional				
NEW FIT TERRALOGIC	F80 F100 F120	FIT	3.52 lb / 1.60 kg 3.52 lb / 1.60 kg 3.67 lb / 1.66 kg	3.32 lb / 1.50 kg 3.32 lb / 1.50 kg 3.47 lb / 1.58 kg	3.51 lb / 1.59 kg 3.51 lb / 1.59 kg 3.66 lb / 1.66 kg	3.31 lb / 1.50 kg 3.31 lb / 1.50 kg 3.46 lb / 1.57 kg	3.1 inches / 80 mm 3.9 inches / 100 mm 4.7 inches / 120 mm	<ul style="list-style-type: none"> Terralogic threshold Air spring pressure Rebound 	<ul style="list-style-type: none"> 15QR thru axle system, Post style disc brake mounting 9mm open drop-out, Post style disc brake mounting 	<ul style="list-style-type: none"> White Black Diamond 	N/A	Air	XC (80, 100) AM, XC (120)	24	
	FIT RLC	F80 F100 F120	FIT	3.31 lb / 1.50 kg 3.31 lb / 1.50 kg 3.46 lb / 1.57 kg	3.10 lb / 1.41 kg 3.10 lb / 1.41 kg 3.26 lb / 1.48 kg	3.29 lb / 1.49 kg 3.29 lb / 1.49 kg 3.46 lb / 1.57 kg	3.09 lb / 1.40 kg 3.09 lb / 1.40 kg 3.26 lb / 1.48 kg	3.1 inches / 80 mm 3.9 inches / 100 mm 4.7 inches / 120 mm							<ul style="list-style-type: none"> Low-speed compression Lever actuated lockout Lockout force adjust Air spring pressure Rebound
	FIT REMOTE	F80 F100 F120	FIT	3.47 lb / 1.57 kg 3.47 lb / 1.57 kg 3.60 lb / 1.63 kg	3.26 lb / 1.48 kg 3.26 lb / 1.48 kg 3.39 lb / 1.54 kg	3.47 lb / 1.57 kg 3.47 lb / 1.57 kg 3.60 lb / 1.63 kg	3.26 lb / 1.48 kg 3.26 lb / 1.48 kg 3.39 lb / 1.54 kg	3.1 inches / 80 mm 3.9 inches / 100 mm 4.7 inches / 120 mm							<ul style="list-style-type: none"> Handlebar actuated lockout Air spring pressure Rebound
	FIT RL	F80 F100 F120	FIT	3.36 lb / 1.52 kg 3.36 lb / 1.52 kg 3.51 lb / 1.59 kg	3.15 lb / 1.43 kg 3.15 lb / 1.43 kg 3.31 lb / 1.50 kg	3.43 lb / 1.55 kg 3.43 lb / 1.55 kg 3.51 lb / 1.59 kg	3.22 lb / 1.46 kg 3.22 lb / 1.46 kg 3.31 lb / 1.50 kg	3.1 inches / 80 mm 3.9 inches / 100 mm 4.7 inches / 120 mm							<ul style="list-style-type: none"> Lever actuated lockout Air spring pressure Rebound
	RL	F80 F100 F120	Open bath	3.54 lb / 1.60 kg 3.54 lb / 1.60 kg 3.62 lb / 1.64 kg	3.33 lb / 1.51 kg 3.33 lb / 1.51 kg 3.42 lb / 1.55 kg	3.52 lb / 1.60 kg 3.52 lb / 1.60 kg 3.62 lb / 1.64 kg	3.32 lb / 1.51 kg 3.32 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							<ul style="list-style-type: none"> Lever actuated lockout Air spring pressure Rebound

32 F29

NEW FIT TERRALOGIC	F80 100	FIT	4.13 lb / 1.88 kg 4.13 lb / 1.88 kg	3.95 lb / 1.79 kg 3.95 lb / 1.79 kg	4.09 lb / 1.86 kg 4.09 lb / 1.86 kg	3.91 lb / 1.77 kg 3.91 lb / 1.77 kg	3.1 inches / 80 mm 3.9 inches / 100 mm	<ul style="list-style-type: none"> Terralogic threshold Air spring pressure Rebound 	<ul style="list-style-type: none"> 15QR thru axle system, Post style disc brake mounting 9mm open drop-out, Post style disc brake mounting 	<ul style="list-style-type: none"> White Black Diamond 	N/A	Air	XC (80, 100) AM, XC (120)	26	
	FIT RLC	80 100 120	FIT	3.92 lb / 1.78 kg 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 3.88 lb / 1.76 kg 3.91 lb / 1.77 kg	3.69 lb / 1.68 kg 3.69 lb / 1.68 kg 3.72 lb / 1.69 kg	3.1 inches / 80 mm 3.9 inches / 100 mm 4.7 inches / 120 mm							<ul style="list-style-type: none"> Low-speed compression Lever actuated lockout Lockout force adjust Air spring pressure Rebound
	RL	80 100 120	Open bath	4.03 lb / 1.83 kg 4.03 lb / 1.83 kg 4.06 lb / 1.84 kg	3.88 lb / 1.76 kg 3.88 lb / 1.76 kg 3.91 lb / 1.77 kg	4.06 lb / 1.84 kg 4.06 lb / 1.84 kg 4.09 lb / 1.85 kg	3.91 lb / 1.78 kg 3.91 lb / 1.78 kg 3.94 lb / 1.79 kg	3.1 inches / 80 mm 3.9 inches / 100 mm 4.7 inches / 120 mm							<ul style="list-style-type: none"> Lever actuated lockout Air spring pressure Rebound

NEW 32 TALAS 29

NEW FIT TERRALOGIC	120	FIT	4.17 lb / 1.89 kg	3.99 lb / 1.81 kg	4.12 lb / 1.87 kg	3.94 lb / 1.79 kg	4.7 inches / 120 mm (NEW TALAS [2-position] 120•95)	<ul style="list-style-type: none"> Terralogic threshold Travel — TALAS [2-position] Air spring pressure Rebound 	<ul style="list-style-type: none"> 15QR thru axle system, Post style disc brake mounting 9mm open drop-out, Post style disc brake mounting 	Black Diamond	White	Air	AM, XC	28	
	NEW FIT RLC	120	FIT	3.96 lb / 1.80 kg	3.77 lb / 1.71 kg	3.91 lb / 1.77 kg	3.72 lb / 1.69 kg	4.7 inches / 120 mm (NEW TALAS [2-position] 120•95)							<ul style="list-style-type: none"> Low-speed compression Lever actuated lockout Lockout force adjust Travel — TALAS [2-position] Air spring pressure Rebound
	NEW RL	120	Open bath	4.02 lb / 1.82 kg	3.83 lb / 1.74 kg	3.97 lb / 1.80 kg	3.78 lb / 1.72 kg	4.7 inches / 120 mm (NEW TALAS [2-position] 120•95)							<ul style="list-style-type: none"> Lever actuated lockout Travel — TALAS [2-position] Air spring pressure Rebound

32 QUICKGUIDES

	MODEL	DAMPER	WEIGHT (1 1/8" STEERER)		WEIGHT (1.5" TAPER STEERER)		TRAVEL	ADJUSTMENTS	LOWER LEG OPTIONS	FORK COLOR		SPRING	INTENDED USE	PAGE	
			15QR (includes axle)	9mm open drop out	15QR (includes axle)	9mm open drop out				Standard	Optional				
32 TALAS	NEW FIT TERRALOGIC NEW FIT TERRALOGIC	140 150	FIT	4.08 lb / 1.85 kg 4.08 lb / 1.85 kg	3.90 lb / 1.77 kg 3.90 lb / 1.77 kg	4.06 lb / 1.84 kg 4.06 lb / 1.84 kg	3.88 lb / 1.76 kg 3.88 lb / 1.76 kg	5.5 inches / 140 mm (NEW TALAS [2-position] 140•110) 5.9 inches / 150 mm (NEW TALAS [2-position] 150•120)	<ul style="list-style-type: none"> Terralogic threshold Travel — TALAS [2-position] Air spring pressure Rebound 	<ul style="list-style-type: none"> 15QR thru axle system, Post style disc brake mounting 9mm open drop-out, Post style disc brake mounting 	Black Diamond	White	Air	AM, XC	30
	FIT RLC FIT RLC	140 150	FIT	3.88 lb / 1.76 kg 3.88 lb / 1.76 kg	3.69 lb / 1.68 kg 3.69 lb / 1.68 kg	3.81 lb / 1.73 kg 3.81 lb / 1.73 kg	3.62 lb / 1.64 kg 3.62 lb / 1.64 kg	5.5 inches / 140 mm (NEW TALAS [2-position] 140•110) 5.9 inches / 150 mm (NEW TALAS [2-position] 150•120)	<ul style="list-style-type: none"> Low-speed compression Lever actuated lockout Lockout force adjust Travel — TALAS [2-position] Air spring pressure Rebound 						
	FIT RL FIT RL	140 150	FIT	3.91 lb / 1.77 kg 3.91 lb / 1.77 kg	3.72 lb / 1.69 kg 3.72 lb / 1.69 kg	3.84 lb / 1.74 kg 3.84 lb / 1.74 kg	3.65 lb / 1.66 kg 3.65 lb / 1.66 kg	5.5 inches / 140 mm (NEW TALAS [2-position] 140•110) 5.9 inches / 150 mm (NEW TALAS [2-position] 150•120)	<ul style="list-style-type: none"> Lever actuated lockout Travel — TALAS [2-position] Air spring pressure Rebound 						
	RL RL	140 150	Open bath	3.88 lb / 1.76 kg 3.88 lb / 1.76 kg	3.75 lb / 1.70 kg 3.75 lb / 1.70 kg	3.95 lb / 1.79 kg 3.95 lb / 1.79 kg	3.76 lb / 1.71 kg 3.76 lb / 1.71 kg	5.5 inches / 140 mm (NEW TALAS [2-position] 140•110) 5.9 inches / 150 mm (NEW TALAS [2-position] 150•120)	<ul style="list-style-type: none"> Lever actuated lockout Travel — TALAS [2-position] Air spring pressure Rebound 						
32 FLOAT	FIT RLC FIT RLC	140 150	FIT	3.75 lb / 1.70 kg 3.75 lb / 1.70 kg	3.56 lb / 1.62 kg 3.56 lb / 1.62 kg	3.74 lb / 1.70 kg 3.74 lb / 1.70 kg	3.55 lb / 1.61 kg 3.55 lb / 1.61 kg	5.5 inches / 140 mm 5.9 inches / 150 mm	<ul style="list-style-type: none"> Low-speed compression Lever actuated lockout Lockout force adjust Air spring pressure Rebound 	<ul style="list-style-type: none"> 15QR thru axle system, Post style disc brake mounting 9mm open drop-out, Post style disc brake mounting 	White	Black Diamond	Air	AM, XC	32
	FIT RL FIT RL	140 150	FIT	3.76 lb / 1.70 kg 3.76 lb / 1.70 kg	3.57 lb / 1.62 kg 3.57 lb / 1.62 kg	3.77 lb / 1.71 kg 3.77 lb / 1.71 kg	3.58 lb / 1.62 kg 3.58 lb / 1.62 kg	5.5 inches / 140 mm 5.9 inches / 150 mm	<ul style="list-style-type: none"> Lever actuated lockout Air spring pressure Rebound 						
	RL RL	140 150	Open bath	3.88 lb / 1.76 kg 3.88 lb / 1.76 kg	3.69 lb / 1.67 kg 3.69 lb / 1.67 kg	3.89 lb / 1.76 kg 3.89 lb / 1.76 kg	3.70 lb / 1.68 kg 3.70 lb / 1.68 kg	5.5 inches / 140 mm 5.9 inches / 150 mm	<ul style="list-style-type: none"> Lever actuated lockout Air spring pressure Rebound 						
NEW 32 831	FIT RLC	100	FIT	3.73 lb / 1.69 kg	N/A	3.66 lb / 1.66 kg	N/A	3.9 inches / 100 mm (internally adjustable to 110 mm or 120 mm)	<ul style="list-style-type: none"> Low-speed compression Lever actuated lockout Lockout force adjust Air spring pressure Rebound 	<ul style="list-style-type: none"> 15QR thru axle system, Post style disc brake mounting 	Black Diamond	N/A	Air	4X	34
NEW 32 TRAIL SERIES	RL	80 100 120 140 150	Open bath	N/A	4.04 lb / 1.83 kg (steel steerer) (same weight for all travel options)	N/A	N/A	3.1 inches / 80 mm 3.9 inches / 100 mm 4.7 inches / 120 mm 5.5 inches / 140 mm 5.9 inches / 150 mm	<ul style="list-style-type: none"> Lever actuated lockout Air spring pressure Rebound 	<ul style="list-style-type: none"> 9mm open drop-out, International Standard disc brake tabs 	Black Diamond	White	Air	AM, XC	36

36/40 QUICKGUIDES

36 160

	MODEL	DAMPER	WEIGHT (1 1/8" STEERER)	WEIGHT (1.5" TAPER STEERER)	TRAVEL	ADJUSTMENTS		LOWER LEG OPTIONS	FORK COLOR		SPRING	INTENDED USE	PAGE
						External	Internal		Standard	Optional			
	FLOAT NEW FIT RLC 160	FIT	4.49 lb / 2.04 kg	4.47 lb / 2.03 kg	6.3 inches / 160 mm	<ul style="list-style-type: none"> Low-speed compression Lever actuated lockout Lockout force adjust Air spring pressure Rebound 	Travel is adjustable down to 100 mm in 10 mm increments	<ul style="list-style-type: none"> 20QR thru axle system, Post style disc brake mounting 	White	Black Diamond	Air	DH, FR, AM	38
		R 160	Open bath	4.52 lb / 2.05 kg	4.51 lb / 2.04 kg	6.3 inches / 160 mm	<ul style="list-style-type: none"> Air spring pressure Rebound 		Travel is adjustable down to 100 mm in 10 mm increments				
	TALAS NEW FIT RLC 160	FIT	4.67 lb / 2.12 kg	4.65 lb / 2.11 kg	6.3 inches / 160 mm (NEW TALAS [2-position] 160•120)	<ul style="list-style-type: none"> Low-speed compression Lever actuated lockout Lockout force adjust Travel — TALAS [2-position] Air spring pressure Rebound 	N/A		Black Diamond	White	Air		
		R 160	Open bath	4.70 lb / 2.13 kg	4.69 lb / 2.13 kg	6.3 inches / 160 mm (NEW TALAS [2-position] 160•120)	<ul style="list-style-type: none"> Travel — TALAS [2-position] Air spring pressure Rebound 		N/A				
	VAN NEW FIT RC2 160	FIT	5.13 lb / 2.33 kg	5.12 lb / 2.32 kg	6.3 inches / 160 mm	<ul style="list-style-type: none"> Low-speed compression High-speed compression Coil spring preload Rebound 	<ul style="list-style-type: none"> Hydraulic bottom-out resistance in damper 		Black Diamond	White	Steel Spring		
		R 160	Open bath	5.17 lb / 2.34 kg	5.15 lb / 2.34 kg	6.3 inches / 160 mm	<ul style="list-style-type: none"> Coil spring preload Rebound 		N/A				

NEW 36 180

	FLOAT NEW FIT RC2 180	FIT	5.22 lb / 2.37 kg	5.18 lb / 2.35 kg	7.1 inches / 180 mm	<ul style="list-style-type: none"> Low-speed compression High-speed compression Air spring pressure Rebound 	Travel is adjustable down to 100 mm in 10 mm increments	<ul style="list-style-type: none"> 20QR thru axle system, Post style disc brake mounting 	White	Black Diamond	Air	DH, FR, AM	40
		NEW R 180	Open bath	5.25 lb / 2.38 kg	5.22 lb / 2.37 kg	7.1 inches / 180 mm	<ul style="list-style-type: none"> Air spring pressure Rebound 		Travel is adjustable down to 100 mm in 10 mm increments				
	TALAS NEW FIT RC2 180	FIT	5.40 lb / 2.45 kg	5.37 lb / 2.43 kg	7.1 inches / 180 mm (NEW TALAS [2-position] 180•140)	<ul style="list-style-type: none"> Low-speed compression High-speed compression Travel — TALAS [2-position] Air spring pressure Rebound 	N/A		Black Diamond	White	Air		
		NEW R 180	Open bath	5.44 lb / 2.47 kg	5.40 lb / 2.45 kg	7.1 inches / 180 mm (NEW TALAS [2-position] 180•140)	<ul style="list-style-type: none"> Travel — TALAS [2-position] Air spring pressure Rebound 		N/A				
	VAN NEW FIT RC2 180	FIT	5.98 lb / 2.71 kg	5.94 lb / 2.70 kg	7.1 inches / 180 mm	<ul style="list-style-type: none"> Low-speed compression High-speed compression Coil spring preload Rebound 	<ul style="list-style-type: none"> Hydraulic bottom-out resistance in damper 		Black Diamond	White	Steel Spring		
		NEW R 180	Open bath	6.01 lb / 2.73 kg	5.98 lb / 2.71 kg	7.1 inches / 180 mm	<ul style="list-style-type: none"> Coil spring preload Rebound 		N/A				

40

	NEW FIT RC2	FIT	6.81 lb / 3.09 kg	N/A	8 inches / 203 mm	<ul style="list-style-type: none"> Low-speed compression High-speed compression Coil spring preload Rebound 	<ul style="list-style-type: none"> Hydraulic bottom-out resistance in damper Travel is adjustable down to 6.5 inches in half-inch increments 	<ul style="list-style-type: none"> 20 mm thru axle, International Standard disc brake tabs 	Black Diamond	White	Titanium Spring	DH, FR	42
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All forks manufactured in USA.
Weights indicated above for all 36 forks are with 165 mm steerer (with star flanged nut and disc brake guide installed)
Weights indicated above for 40 forks are with 200 mm steerer (with star flanged nut and disc brake guide installed)

REAR SHOCK QUICKGUIDES

FLOAT

	MODEL	WEIGHT	LENGTH / TRAVEL	ADJUSTMENTS	FEATURES	SPRING	INTENDED USE	MANUFACTURING LOCATION	PAGE
	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	<ul style="list-style-type: none"> Tuning range adjuster w/3 ProPedal positions <ul style="list-style-type: none"> > (1) Light > (2) Medium > (3) Firm DOHC ProPedal lever with 2 positions <ul style="list-style-type: none"> > ProPedal On > ProPedal Off Air spring pressure Rebound 	<ul style="list-style-type: none"> Boost Valve Angled air valve position for easier access Lightweight chassis 	Air	XC AM FR	USA	48
	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, 8.5 x 2.5	<ul style="list-style-type: none"> DOHC ProPedal lever with 2 positions <ul style="list-style-type: none"> > ProPedal On > ProPedal Off Air spring pressure Rebound 	<ul style="list-style-type: none"> NEW Remote capable Boost Valve Angled air valve position for easier access Lightweight chassis 				
	RP2	.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, 8.5 x 2.5	<ul style="list-style-type: none"> DOHC ProPedal lever with 2 positions <ul style="list-style-type: none"> > ProPedal On > ProPedal Off Air spring pressure Rebound 	<ul style="list-style-type: none"> NEW Remote capable Angled air valve position for easier access Lightweight chassis 				

NEW TRAIL SERIES

	TRAIL SERIES	.46 lbs / 210 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	<ul style="list-style-type: none"> Lockout lever with 2 positions <ul style="list-style-type: none"> > ProPedal > Lockout Air spring pressure Rebound 	<ul style="list-style-type: none"> NEW Remote capable Lockout Angled air valve position for easier access Lightweight chassis 	Air	XC AM	USA	50
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DHX AIR

	5.0	.97 lbs / 443 g (8.5 x 2.5 - no reducers)	7.5 x 2.0, 7.875 x 2.0, 7.875 x 2.25, 8.5 x 2.5, 8.75 x 2.5, 9.5 x 3.0	<ul style="list-style-type: none"> Bottom-out resistance Adjustable ProPedal 2-position lever Air spring pressure Tuning range via schraeder Rebound 	<ul style="list-style-type: none"> Angled air valve position for easier access Boost Valve (position sensitive) High volume air sleeve is standard 	Air	AM FR DH	USA	52
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DHX

	RC4	.98 lbs / 447g (9.5 x 3.0 - no reducers or spring)	7.5 x 2.0, 7.875 x 2.0, 7.875 x 2.25, 8.5 x 2.5, 8.75 x 2.75, 9.5 x 3.0, 10.5 x 3.5	<ul style="list-style-type: none"> Externally adjustable velocity sensitive damping (DSC): <ul style="list-style-type: none"> > High-speed compression > Low-speed compression Bottom-out force adjust (via schraeder) Bottom-out progressiveness (via Bottom-out control knob) Coil spring preload Rebound 	<ul style="list-style-type: none"> Boost Valve for position sensitive bottom-out control Increased oil flow to allow wider range of tuning Forged eyelets for increased strength and decreased weight Increased shaft size for reduced internal pressures 	Coil	AM FR DH	USA	54
	RC2	.92 lbs / 419 g (9.5 x 3.0 - no reducers or spring)	7.5 x 2.0, 7.875 x 2.0, 7.875 x 2.25, 8.5 x 2.5, 8.75 x 2.75, 9.5 x 3.0, 10.5 x 3.5	<ul style="list-style-type: none"> Low-speed compression Bottom-out force adjust (via schraeder) Coil spring preload Rebound 					

VAN

	RC	.85 lbs / 387 g (9.5 x 3.0 - No reducers or spring)	7.5 x 2.0, 7.875 x 2.0, 7.875 x 2.25, 8.5 x 2.5, 8.75 x 2.75, 9.5 x 3.0, 10.5 x 3.5	<ul style="list-style-type: none"> Low-speed compression Coil spring preload Rebound 	<ul style="list-style-type: none"> Speed sensitive compression & rebound damping 	Coil	AM FR DH	USA	56
	R	.80 lbs / 362 g (9.5 x 3.0 - no reducers or spring)	7.5 x 2.0, 7.875 x 2.0, 7.875 x 2.25, 8.5 x 2.5, 8.75 x 2.75, 9.5 x 3.0, 10.5 x 3.5	<ul style="list-style-type: none"> Coil spring preload Rebound 					