

# **FRONT SUSPENSION TECHNOLOGY AND OIL VOLUMES**

EXCERPTED FROM  
2010 ROCKSHOX TECHNICAL MANUAL

# FRONT SUSPENSION TECHNOLOGY AND OIL VOLUMES (ALL FORKS)

The following chart is a complete list of the 2010 RockShox front suspension line-up. It details the front suspension model, corresponding damper and spring technology, along with the oil volume and Pit-Stop oil weight required for each upper tube and lower leg.

		Damper technology (drive side)	Volume (mL)	Oil wt	Volume (mL)	Oil wt	Spring technology (non-drive side)	Volume (mL)	Oil wt	Volume (mL)	Oil wt				
			Upper tube		Lower leg			Upper tube		Lower leg					
<b>Argyle</b>	302	rebound only					coil								
	318	Motion Control	130	5	10	15	coil	-	-	30	15				
	409						Solo Air	6	15	15					
<b>Dart</b>	1	none	-	-	-	-	coil	-	-	-	-				
	2	rebound only	150	5	-	-									
	2 (w/Turnkey) (80-100 mm)	Turnkey	93		10	15									
	2 (w/Turnkey) (120 mm)	Turnkey	109		10	15									
	3, 29r (80-100 mm)	Turnkey	93		10	15									
	3 (120 mm)	Turnkey	109		10	15									
<b>Domain</b>	302	rebound only	200		5	10	15	coil	-	-	15	15			
	318	Motion Control		Coil U-Turn				coil					Coil U-Turn		
<b>Lyrik</b>	R	rebound only	213	5	15	15	coil	-	-	15	15				
	Coil U-Turn	Motion Control IS	187				Solo Air	6	15						
	Solo Air						U-Turn	-	-						
	2-Step						Solo Air	6	15						
	Coil U-Turn	Mission Control	193				2-Step	35	2.5	10					
	IS Solo Air						U-Turn	-	-	15					
	IS 2-Step						Solo Air	6	15	15					
	2-Step			35	2.5	10									
<b>Pike</b>	327	rebound only	140	5	15	15	Coil U-Turn	-	-	15	15				
	351	Motion Control					Coil U-Turn								
	409						Air U-Turn					6	15		
	426						Dual Air					-	-	15	
							Coil U-Turn								
	454						Air U-Turn					6	15		
							Dual Air					-	-	15	
							Coil U-Turn								
							Air U-Turn								6
	Dual Air						6								15

**FRONT SUSPENSION TECHNOLOGY AND OIL VOLUMES (CONTINUED)**

		Damper technology (drive side)	Volume (ml)	Oil wt	Volume (ml)	Oil wt	Spring technology (non-drive side)	Volume (ml)	Oil wt	Volume (ml)	Oil wt				
			Upper tube		Lower leg			Upper tube		Lower leg					
<b>Reba</b>	SL, Race	Motion Control	123	5	5	15	Air U-Turn	grease	grease	5	15				
	Team	Blackbox Motion Control	123				Dual Air								
<b>Recon</b>	XC	rebound only	115	5	6	15	coil					-	-	10	15
	SL	Turnkey	115	5	6	15	Solo Air					3	5	6	
	Race	Motion Control	123	5	6	15	coil	-	-	10					
	327 (standard axle)	rebound	120	5	5	15	Solo Air	3	5	6					
	327 (thru axle)	rebound	128				coil	-	-	10					
	335 (standard axle)	Turnkey	120	5	5	15	Solo Air	3	5	6					
	335 (thru axle)	Turnkey	128				coil	-	-	10					
	351 (standard axle)	Motion Control	130	5	5	15	Coil U-Turn	-	-	15					
	351 (thru axle)	Motion Control	138				Solo Air	grease	grease	5					
	<b>Revelation</b>	SL, Race	Motion Control	123	5	5	15	Air U-Turn	grease	grease	5	15			
		Team	Blackbox Motion Control	133				Dual Air							
		Race	Motion Control	94	Air U-Turn										
		Team, World Cup	Blackbox Motion Control	96	Dual Air										

**FRONT SUSPENSION TECHNOLOGY AND OIL VOLUMES (CONTINUED)**

		Damper technology (drive side)	Volume (ml)	Oil wt	Volume (ml)	Oil wt	Spring technology (non-drive side)	Volume (ml)	Oil wt	Volume (ml)	Oil wt	
			Upper tube		Lower leg			Upper tube		Lower leg		
<b>Totem</b>	coil	Mission Control	203	5	20	15	coil	-	-	20	15	
	Solo Air						6	15				
	2-Step						135	2.5				
	IS coil	Motion Control IS	193				coil	-	-			
<b>Tora</b>	XC	rebound only	147	5	6	15	coil	-	-	10	15	
	SL	Turnkey	147	5	6	15	Solo Air	3	5	6		
	289	rebound only	150	5	15	15	coil	-	-	10		
	302	Turnkey					Coil U-Turn	-	-	20		
	318	Motion Control					coil	-	-	30		
				130				Coil U-Turn	-	-		20
							Solo Air	3	5	15		
							coil	-	-	20		
							Coil U-Turn	-	-	20		
							Solo Air	6	15	15		