



	OPTIC A9	OPTIC A7
Available Frame Sizes	S, M, L, XL	XS, S, M, L, XL
Headset Type	Internal Tapered	Internal Tapered
S.H.I.S	ZS44/28.6 ZS56/40	ZS44/28.6 ZS56/40
Upper Headset Diameter [mm]	44	44
Lower Headset Diameter [mm]	56	56
Lower Headset Stack [mm]	3.2	3.2
Fork Length (MAX)/Offset	528/51	538/44
BB Type/Width	BSA/73	BSA/73
Max Chainring Size 1x 2x 3x	S34, M36, L&XL38 28/36 NA	XS34, S36, M,L&XL38 28/36 NA
OLD [mm]	148	148
Rear Axle Type/Length/Thread Length/Thread	TA12/L174/TL20/M12x1.75 Maxle 142 913105-003	TA12/L174/TL20/M12x1.75 Maxle 142 913105-003
Rear Derailleur Hanger	913015-002	913015-002
Rear Brake Mount	160mm Post	160mm Post
FD clamp size [mm]	N/A	N/A
FD type	S3 Mount (e-Type no plate)	S3 Mount (e-Type no plate)
Seatpost Size [mm]	30.9	30.9
Seatpost Clamp size [mm]	915000-002 [34.9]	915000-002 [34.9]
Max Tire Size [in]	650Bx2.4	650Bx2.4
Waterbottle mounts [#]	1	1
ISCG 05 Mounts	Yes 915700-001 (w/FD mount) 915700-002 (w/o FD mount)	Yes 915700-001 (w/FD mount) 915700-002 (w/o FD mount)
Guides for Adj Seatpost	Yes	Yes
Rear Wheel Travel [mm]	110	120
Starting Leverage Ratio	2.3	2.5
Finishing Leverage Ratio	2.1	2.2
Average Leverage Ratio	2.2	2.3
Shock length [mm/in]	190/7.5	190/7.5
Shock Stroke [mm/in]	51/2.0	51/2.0
Linkarm Shock Spacers [W*ID, mm]	40*8	40*8
Frame Shock Spacers [W*ID, mm]	22.2*8	22.2*8
Shock orientation	Air Can up	Air Can up
Spring Rate [lbs/in]	NA	NA

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Shock 1	Fox Float DPS, Comp - L Rebound - M, Climb - L, SV Evol eyelet, Vol Spac - 0	Fox Float DPS, Comp - L Rebound - M, Climb - L, SV Evol eyelet, Vol Spac - 0
Shock 2	Rockshox Monarch RT Rebound - M, Open Comp - L, Lock	Rockshox Monarch RT Rebound - M, Open Comp - L, Lock
Shock 3	Rockshox Monarch RL Rebound - M, Open Comp - L, Lock Comp - 430, Debonair Vol Spacer - 2	Rockshox Monarch RL Rebound - M, Open Comp - L, Lock Comp - 430, Debonair, Vol Spacer - 2
Recommended Sag (%)	30	30
BB Pivot Bearing [ID*OD*W mm]	12*24*6 6190 X 2	12*24*6 6190 X 2
BB Pivot [Qty in pkg]	913600-008 - shaft & nut 913300-010 - spacers 913200-6901 - bearings	913600-008 - shaft & nut 913300-010 - spacers 913200-6901 - bearings
Dropout Bearing [ID*OD*W mm]	10*19*5 6180 X 4	10*19*5 6180 X 4
Dropout Pivot [Qty in pkg]	913500-007 - Shafts 913300-008 - 2mm spacers 913300-009 - 3.5mm spacers 913200-6800 - bearings	913500-007 - Shafts 913300-008 - 2mm spacers 913300-009 - 3.5mm spacers 913200-6800 - bearings
SS/Linkarm Bearing [ID*OD*W mm]	12*24*6 6190 X 2	12*24*6 6190 X 2
SS/Linkarm Pivot [Qty in pkg]	913500-008 - shafts 913300-010 - spacers 913200-6901 - bearings	913500-008 - shafts 913300-010 - spacers 913200-6901 - bearings
Linkarm Bearing [ID*OD*W mm]	12*24*6 6190 X 2	12*24*6 6190 X 2
Linkarm Pivot [Qty in pkg]	913600-007 - shaft & bolt 913300-010 - spacers 913200-6901 - bearings	913600-007 - shaft & bolt 913300-010 - spacers 913200-6901 - bearings
Shock Hardware at Linkarm PN [Qty in pkg]	913600-006	913600-006
Shock Hardware at Mainframe PN	913600-005	913600-005
Cable Guide Single Big Tube[Qty Rqd]	914100-002 [2]	914100-002 [2]
Cable Guide Single Small Tube[Qty]	914100-001 [2]	914100-001 [2]
Cable Guide Double [Qty]	959800-15-200-2 [7]	959800-15-200-2 [7]
Cable Guide Triple [Qty]	959800-15-200-3 [0]	959800-15-200-3 [0]
GIZMO Internal Cable Port [Qty]	959800-15-310 [1]	959800-15-310 [1]
GIZMO 5mm Grommet [Qty]	959800-15-307 [1]	959800-15-307 [1]
GIZMO 4mm Grommet [Qty]	959800-15-306 [1]	959800-15-306 [1]
CS Protector	915200-007	915200-007
Seatstay Protector	915300-001	915300-001