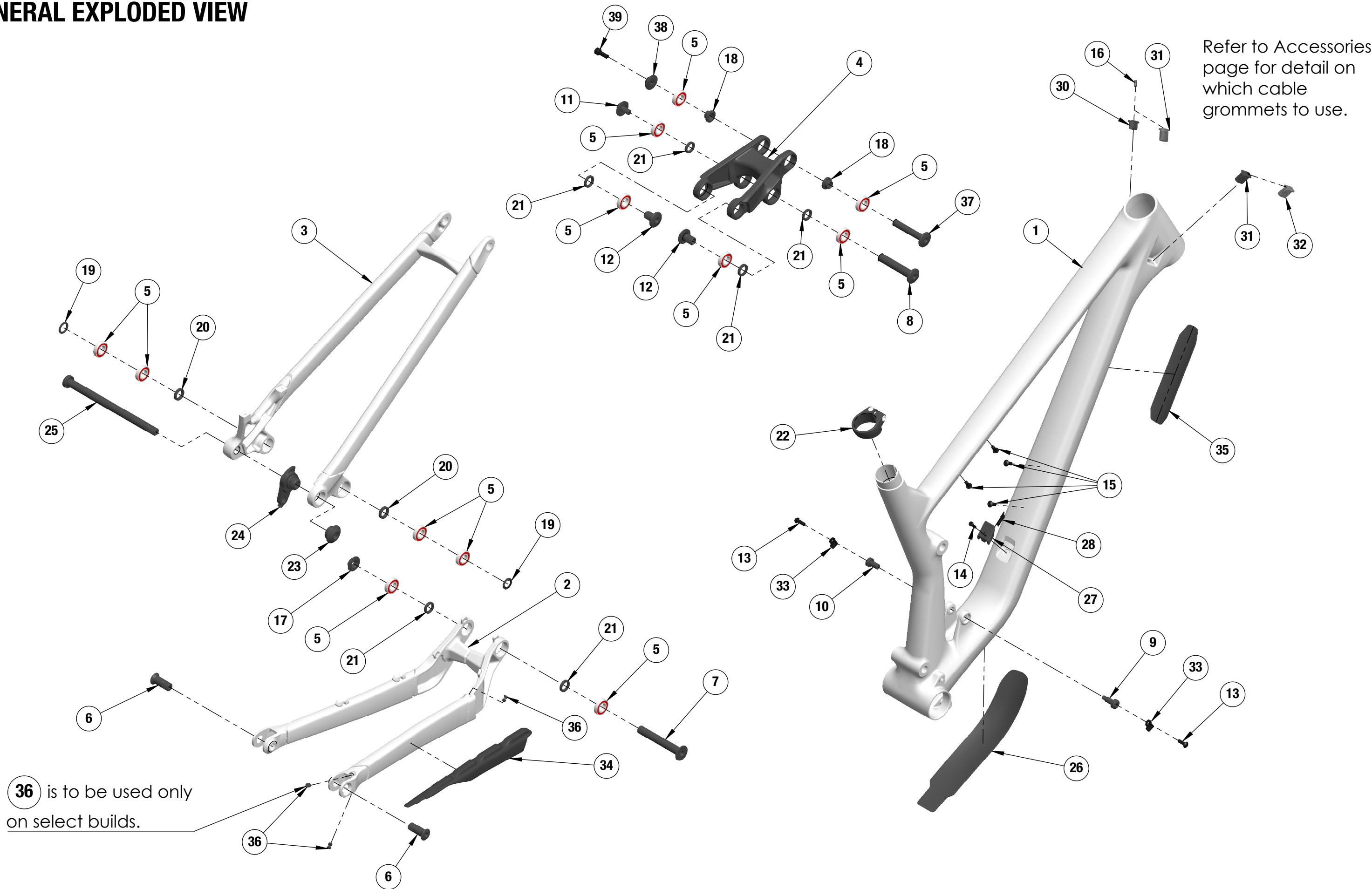


NORCO

OPTIC MY21

FRAME ASSEMBLY & SERVICE PARTS REFERENCE

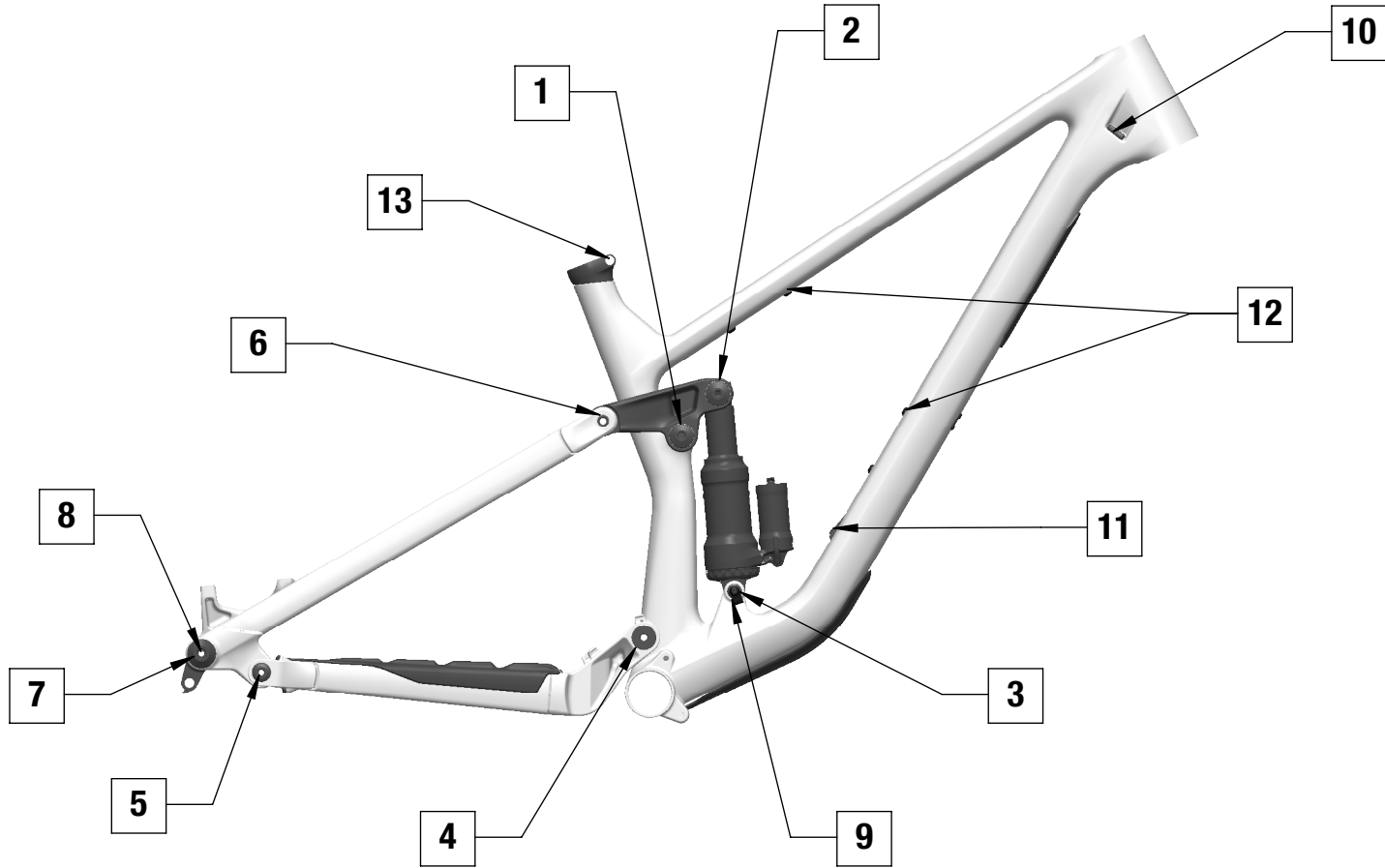


BILL OF MATERIALS

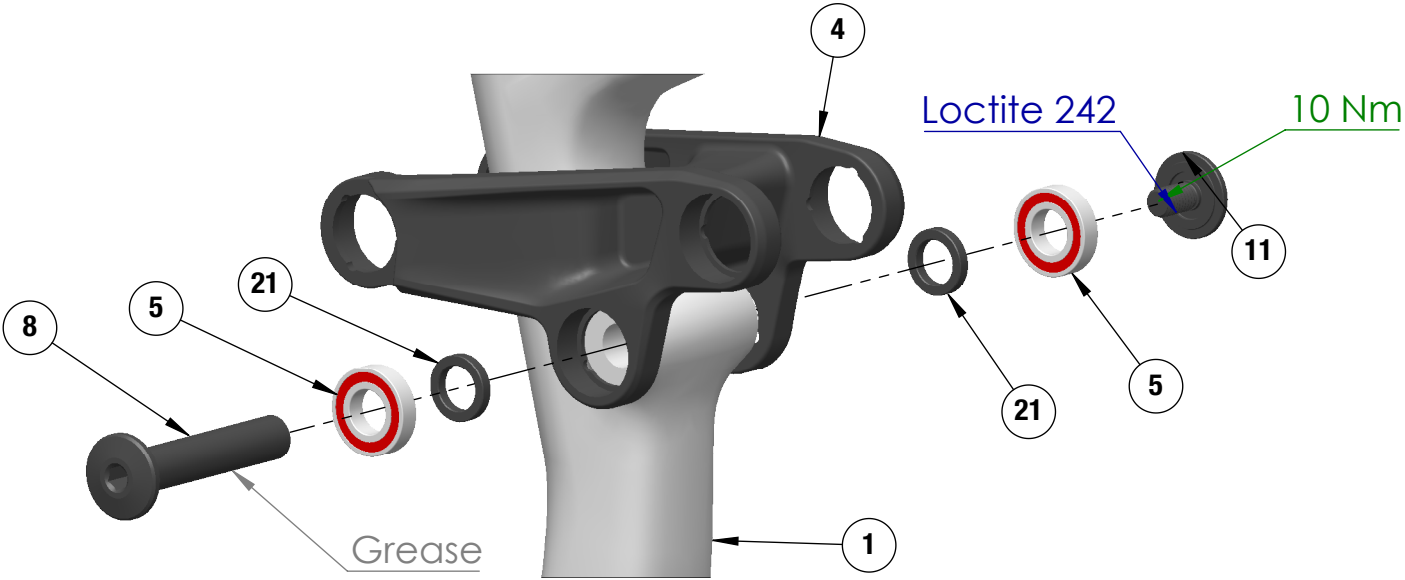


ADDITIONAL FRAME INFORMATION	
AVAILABLE FRAME SIZES	S, M, L, XL
WHEEL SIZE	29"
S.H.I.S.	ZS44/28.6 ZS56/40
MAX. FORK LENGTH [mm]	561
BB TYPE	PRESS FIT BB92
MAX CHAINRING SIZE	34T
OLD [mm]	148
REAR BRAKE MOUNT [mm]	160, POST
SEATPOST DIAMETER [mm]	31.6
RECOMMENDED TIRE SIZE	29" X 2.35" - 2.6"
SHOCK DIMENSIONS [LENGTH, STROKE] [mm]	190, 45
SHOCK HARDWARE - BODY (W X ID) [mm]	40 X 10
SHOCK HARDWARE - SHAFT (W X ID) [mm]	20 X 8
REAR AXLE TYPE	TA 12mm L174/TL13/M12X1.0
ISCG 05 MOUNTS	LOWER TWO MOUNTS ONLY

ITEM NO.	SERVICE PART NUMBER	QTY.	DESCRIPTION	MATERIAL
1	CONTACT CUSTOMER SERVICE	1	FT, OPTIC MY21	CARBON
2		1	CS ASSY, OPTIC MY21	6061-T6
3		1	SS ASSY, OPTIC MY21	6061-T6
4		1	LA, OPTIC MY21	6061-T6
5	913200-6901-EM	12	6901-LLU ENDURO MAX BEARING, 12X24X6MM	ALLOY STEEL
6	913500-013	2	SHAFT, DIA12, L32, M12X1.25, HEX6	7075-T6
7	913500-012	1	SHAFT, DIA12, L82.5, M12X1.25, HEX6	7075-T6
8	913500-022	1	SHAFT, DIA12, L63.5, M8X1.25 INT, HEX6	7075-T6
9	913800-029	1	SHAFT, DIA8, L15, M6X1, HEX5	AISI 316 SS BAR
10	913800-030	1	SHAFT, DIA8, L15, M6X1 INT, HEX5	AISI 316 SS BAR
11	913700-008	1	BOLT, M8X1.25, L13, HEX5	7075-T6
12	913400-010	2	BOLT, M12X1.25, L17, HEX6	7075-T6
13	913400-041	2	M5X14MM BUTTON HEAD CAP SCREW	STEEL, BLACK CHROMATE
14	913400-030	1	M4X12MM LOW HEIGHT SOCKET HEAD CAP SCREW	STEEL, BLACK CHROMATE
15	913400-031	4	M5X12MM BUTTON HEAD CAP SCREW	STEEL, BLACK CHROMATE
16	916003-015	1	M4X10MM GRUB SCREW	STEEL, BLACK CHROMATE
17	913700-002	1	NUT, M12X1.25, L7, HEX15	7075-T6
18	913800-006	2	TOPHAT, ID10, OD12, L3.5	AISI 316 SS BAR
19	913300-002	2	SPACER, ID12, OD18, L2	7075-T6
20	913300-001	2	SPACER, ID12, OD18, L4	7075-T6
21	913300-010	6	SPACER, ID12, OD18, L3.5	7075-T6
22	915000-002	1	NORCO SEATPOST CLAMP, 34.9mm	6061-T6
23	913020-004	1	RD HANGER, 2 PIECE, UDH BOLT V2, M12X1.75	7075-T6
24	913015-007	1	RD HANGER, 2 PIECE, UDH V2.1, M12X1	7075-T6
25	913105-011	1	NORCO AXLE, L174, TL13 M12X1	7075-T6
26	915100-009	1	DT Guard, Optic MKII	POLYURETHANE
27	914100-015	1	GIZMO2, TWO POSITION CABLE COVER	NYLON
28	914100-017	1	GIZMO2, 4mm REDUCER PORT	NYLON
29	914100-029	1	GIZMO, DT CABLE TIE GROMMET	EPDM RUBBER
30	914100-040	1	GIZMO3.1, 2P LOCKING	NYLON
31	914100-037	2	GIZMO3, 2P, 5mm & BLANK	EPDM RUBBER
32	914100-028	1	GIZMO3, 2P, BLANK	EPDM RUBBER
33	914100-036	2	YF SINGLE CABLE P-CLIP	PLASTIC
34	915200-027	1	CS PROTECTOR, OPTIC MY21	POLYURETHANE
35	915500-021	1	SHUTTLE GUARD, SHORE, MY21	EPDM RUBBER
36	914100-045	3	GROMMET, CABLE PORT PLUG 5.5MM DIA	EPDM RUBBER
37	913800-039	1	SHAFT, DIA10, L58, M6X1 INT, HEX5	7075-T6
38	913800-040	1	CAP, 6ID, 23.5OD, L8	7075-T6
39	913400-033	1	M6X16MM SOCKET HEAD CAP SCREW	STEEL, BLACK CHROMATE



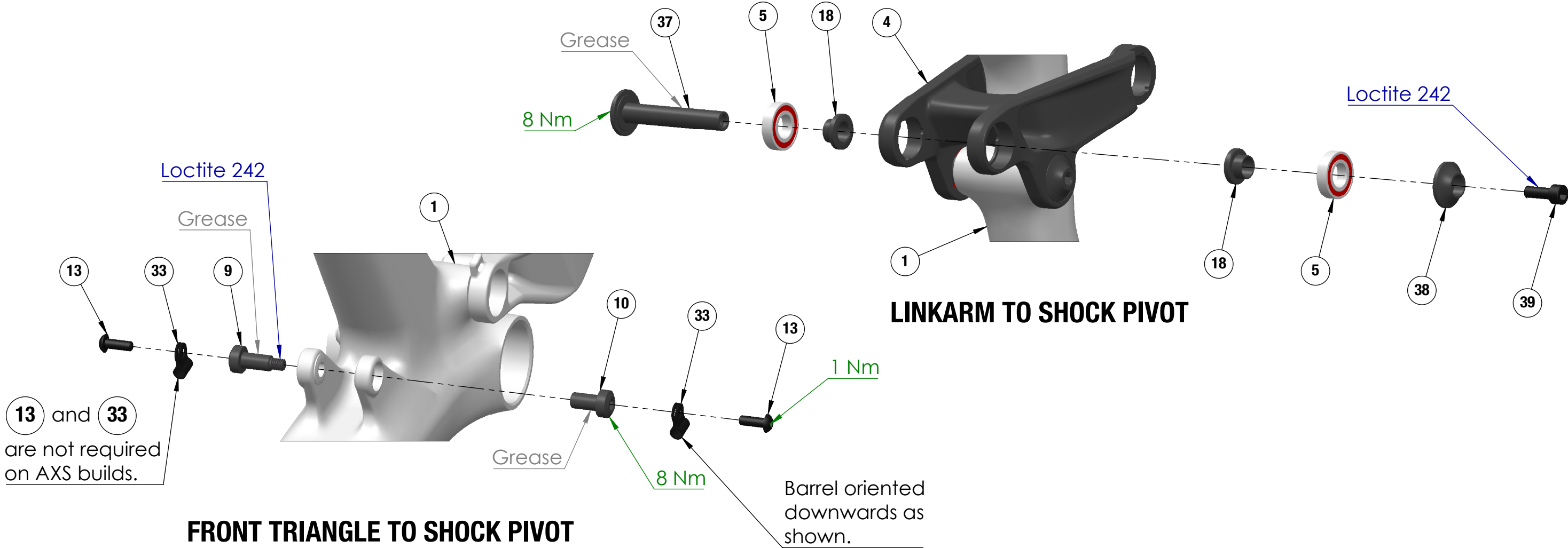
INDEX	NAME	TORQUE (Nm)	TOOL
1	FRONT TRIANGLE TO LINKARM	10	5mm & 6mm HEX
2	LINKARM TO SHOCK	8	5mm HEX
3	FRONT TRIANGLE TO SHOCK	8	5mm HEX
4	CHAIN STAY TO FRONT TRIANGLE	12	15mm WRENCH & 6mm HEX
5	CHAIN STAY TO SEAT STAY	10	6mm HEX
6	LINKARM TO SEAT STAY	12	6mm HEX
7	HANGER	12	8mm HEX
8	AXLE	10	6mm HEX
9	CABLE P-CLIP BOLTS	1	3mm HEX
10	CABLE PORT	1	2mm HEX
11	FRAME EXIT PORT	3	2.5mm HEX
12	BOTTLE CAGE BOLTS	3	3mm HEX
13	SEAT CLAMP	5	4mm HEX



LINKARM TO FRONT TRIANGLE PIVOT

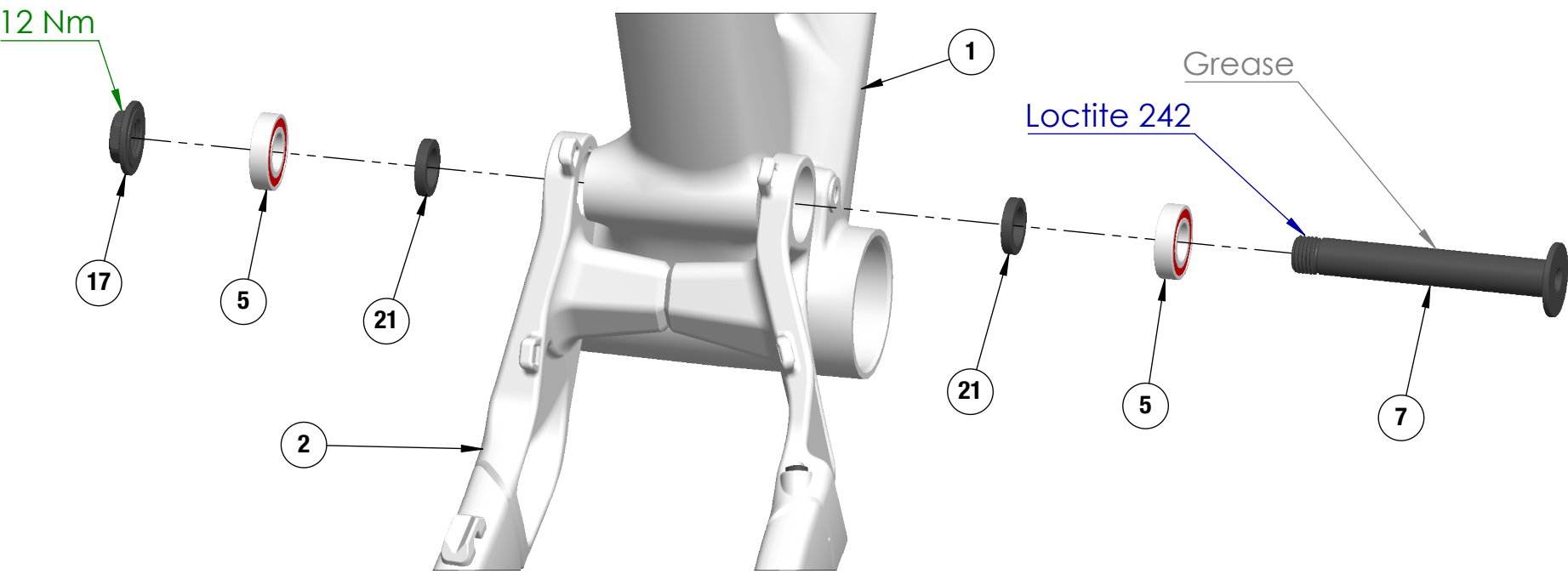


SHOCK ORIENTATION

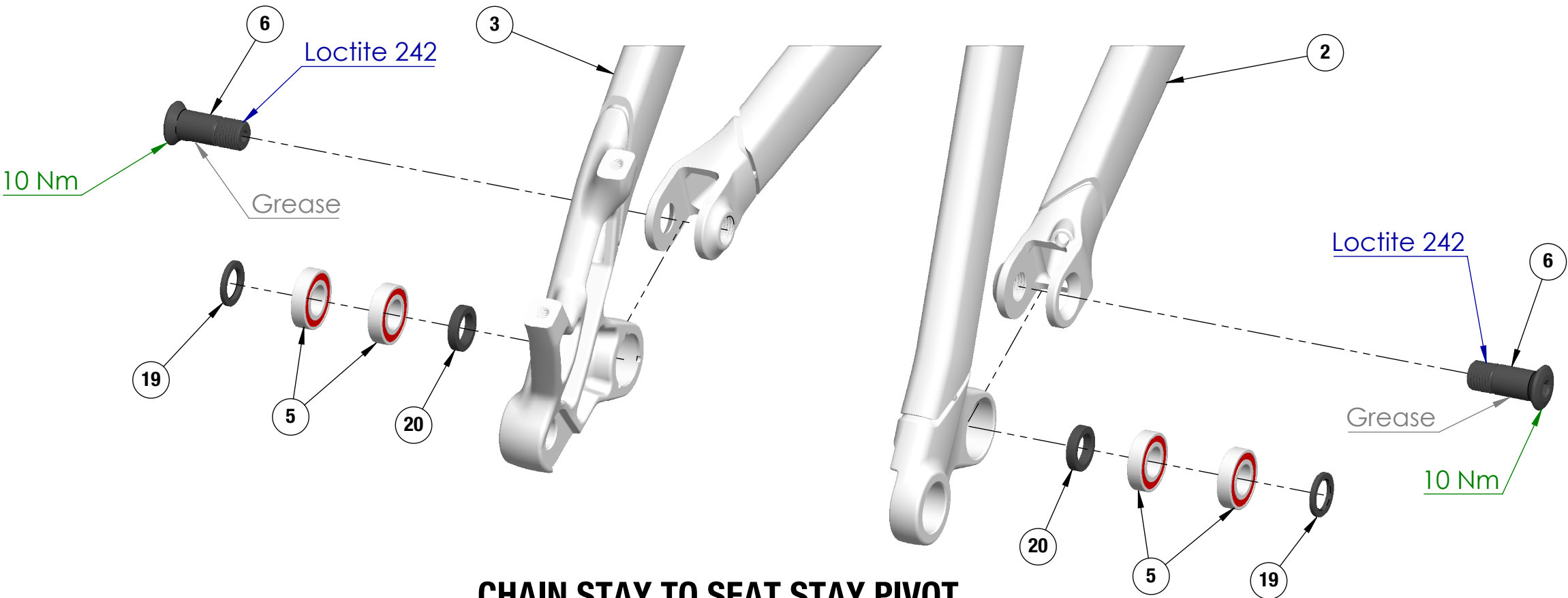


FRONT TRIANGLE TO SHOCK PIVOT

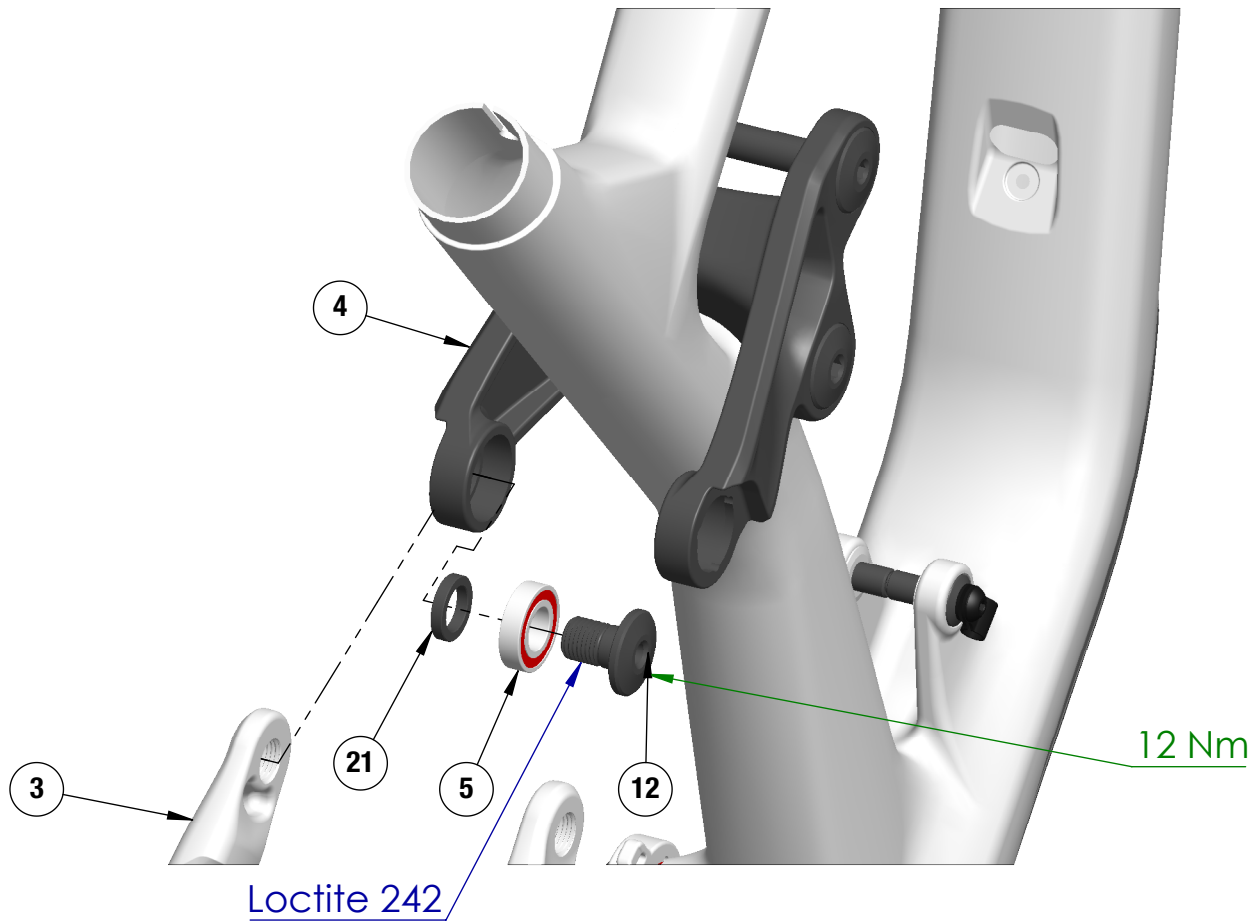
LINKARM TO SHOCK PIVOT



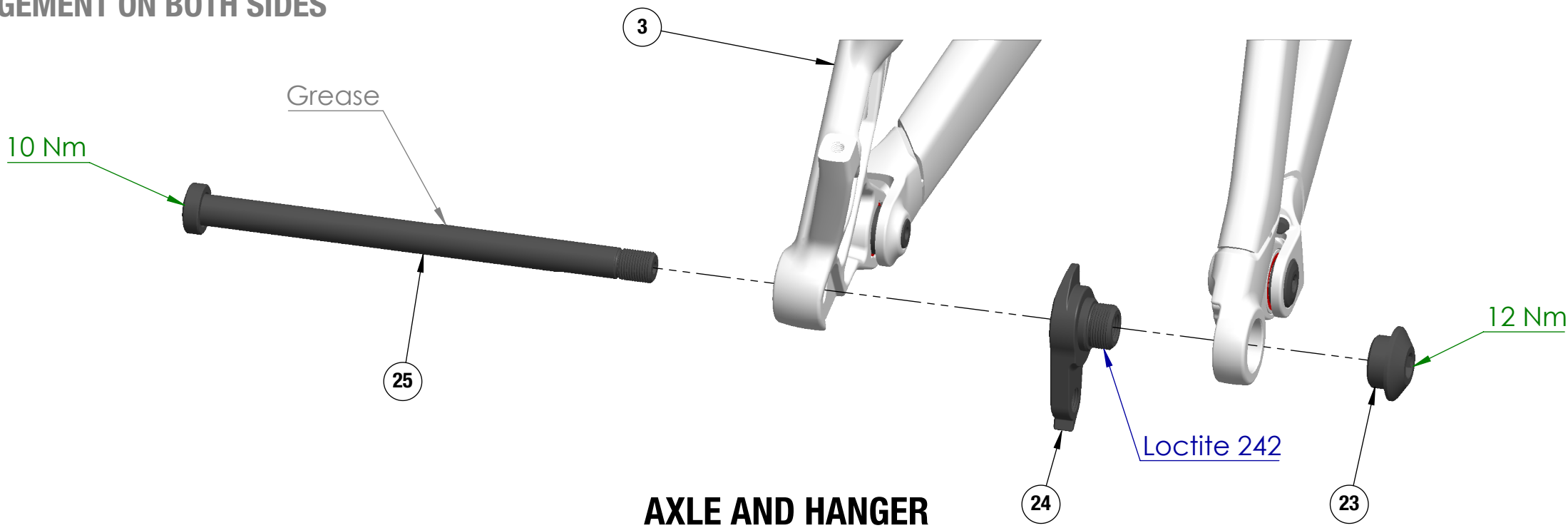
CHAIN STAY TO FRONT TRIANGLE PIVOT



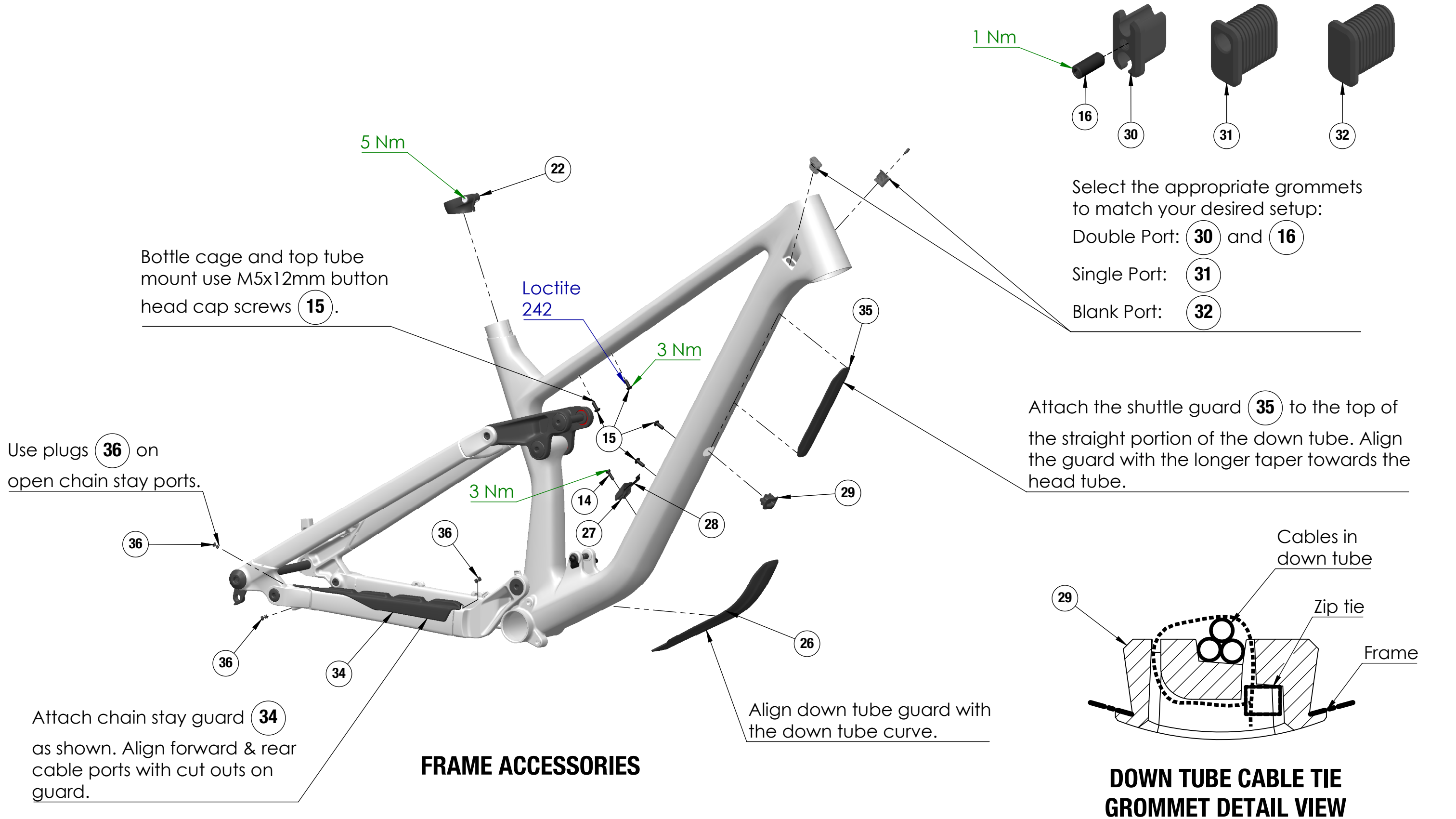
CHAIN STAY TO SEAT STAY PIVOT

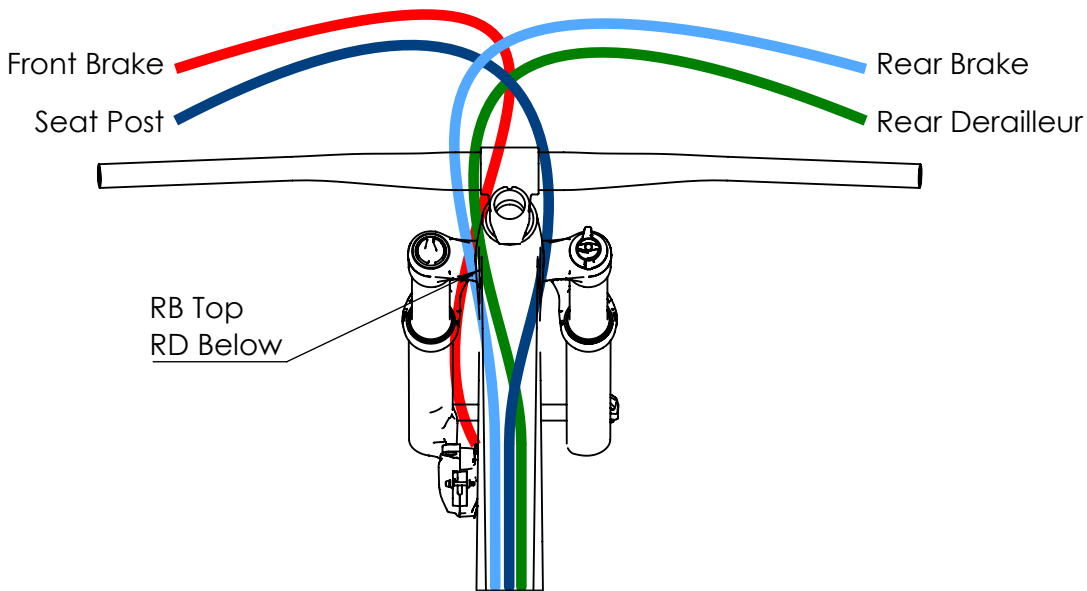


LINKARM TO SEAT STAY PIVOT
SAME ARRANGEMENT ON BOTH SIDES

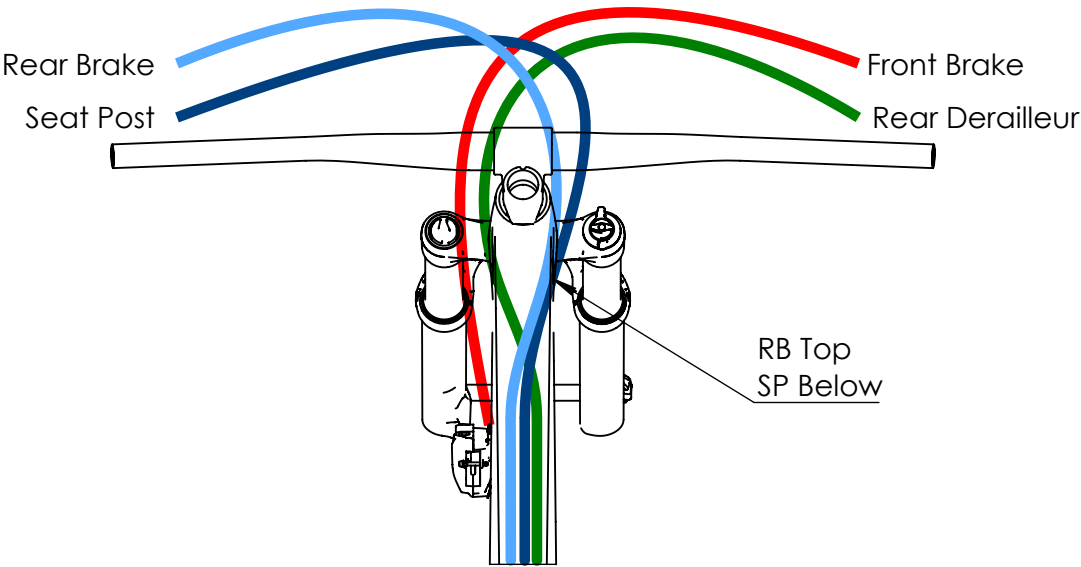


AXLE AND HANGER

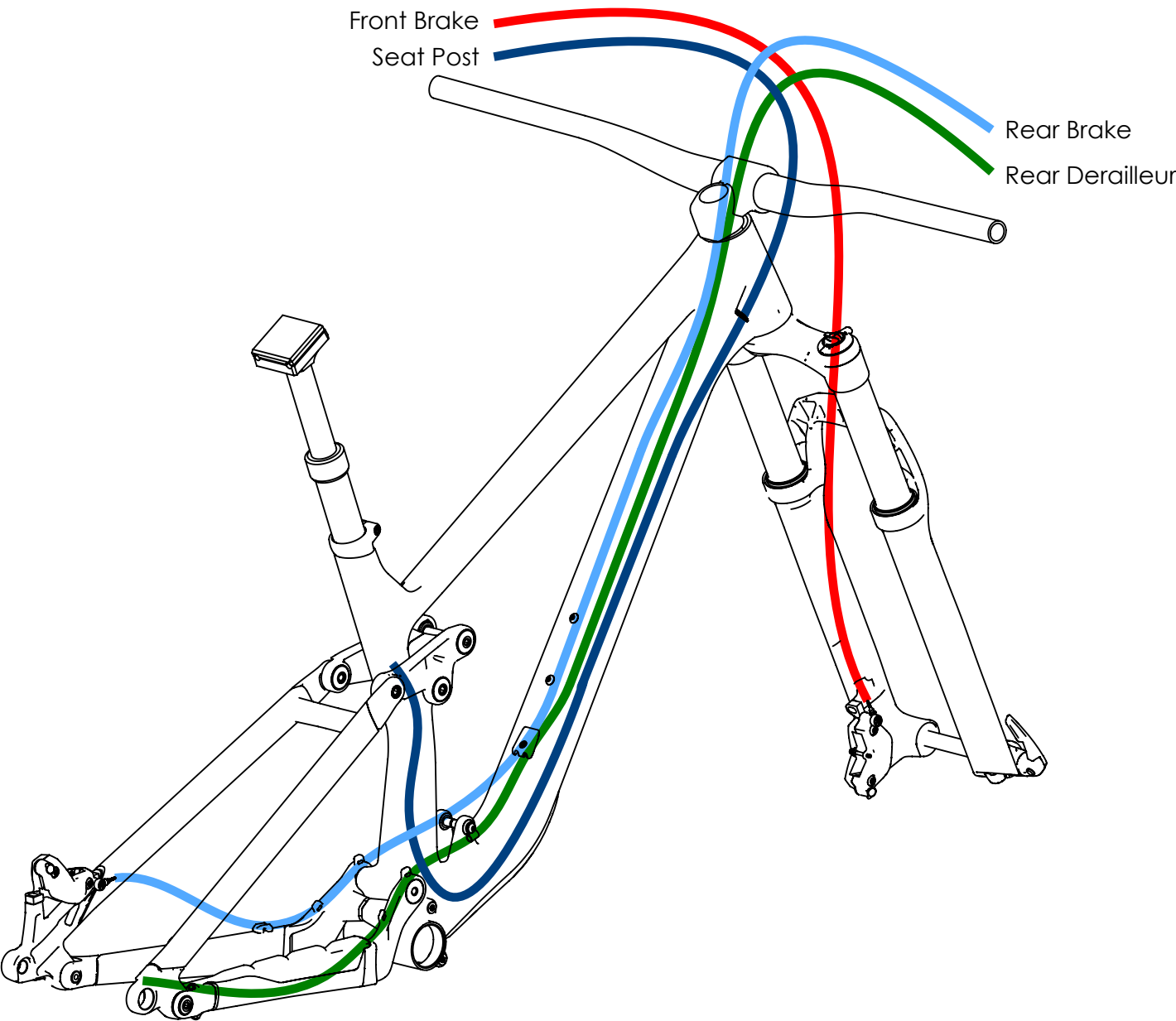




STANDARD LAYOUT



SELECT INTERNATIONAL LAYOUT



STANDARD LAYOUT
ISOMETRIC VIEW