

SCHEMATIC AND SMALL PARTS
TURBO TERO X
Electric Active Bicycle

turbob



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1.1. Symbols legend



PART NUMBER

ORDER OF ASSEMBLY



INSERT PATH



ASSEMBLY DIRECTION



HIGH QUALITY GREASE



BLUE THREADLOCKER



TORQUE REQUIRED



WEB LINK AVAILABLE



VIDEO LINK AVAILABLE

SPECIALIZED BICYCLE COMPONENTS

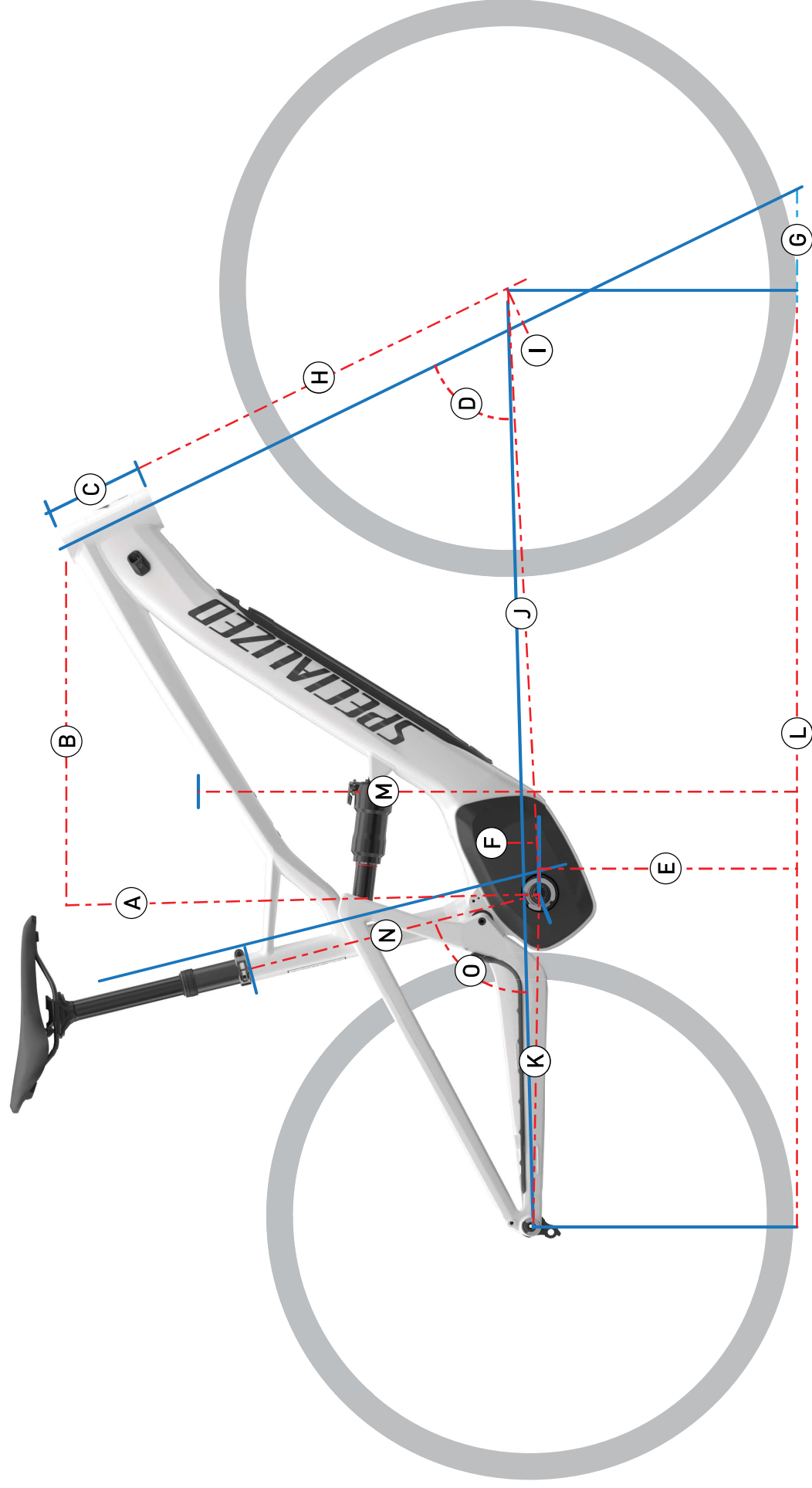
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2. FRAME GEOMETRY

2.1. Frame as sold



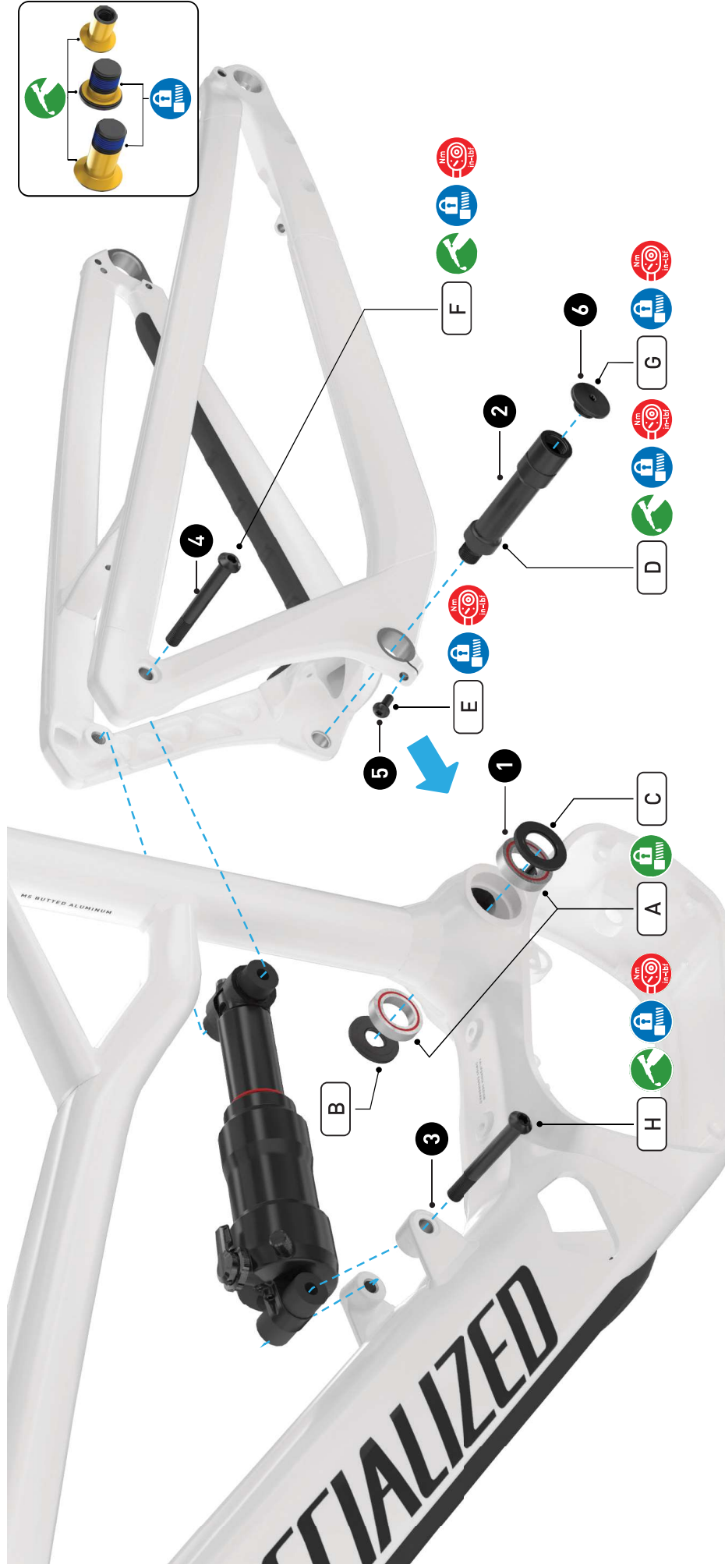
i The geometry as summarized in this manual is current as of the date this manual was written and is subject to change. Specialized reserves the right to change the components at any time and without notice, including modifying, reducing, and/or adding features.

2.2. Frame geometry values

	COMPONENTS	FRAME SIZE			
		S	M	L	XL
A	Stack (mm)	607	626	644	658
B	Reach (mm)	440	468	490	509
C	Head tube length (mm)	135	115	135	125
D	Head tube angle [°]	66.5			
E	BB height (mm)	335			
F	BB drop (mm)	22.5	41	41	41
G	Trail (mm)	105	118	118	118
H	Fork length (full) (mm)	521	540	540	540
I	Fork rake/offset (mm)	46	42	42	42
J	Front center (mm)	745	770	799	824
K	Chainstay length (short setting) (mm)	460			
L	Wheelbase (mm)	1204	1228	1258	1282
M	Bike stand over height (mm)	726	726	740	740
N	Seat tube length (mm)	380	400	420	440
O	Seat tube angle [°]	77.87	77.93	77.12	76.61
	Crank length (mm)	165	170	170	170
	Handlebar width (mm)	720	750	750	750
	Stem length (mm)	75			
	Saddle width (mm)	155			
	Seat post max insertion (mm)	240	260	260	260
	Seat post min insertion (mm)	90			
	Front wheel size (inch)	27.5	29	29	29
	Fork travel max (mm)	130			

3. REAR TRIANGLE

3.1. Pivot bearings, spacers, and bolts



 All pivot bolts are factory treated with a threadlock patch on the threads. If the thread locker wears off, Remove the old threadlocker and apply a new coat of Loctite 242, or install new bolts with the pre-applied threadlock patch.

 **CAUTION:** Only apply grease to the unthreaded portion of the bolt shaft and the inner bolt head surface (Yellow highlighted portion of bolts as shown in the image).

 **CAUTION:** Contamination with grease of the thread on any of the pivot bolts could lead to the thread locker not functioning as intended; the bolts could come loose, causing damage to the bicycle.

 For best alignment results, do not torque any of the rear triangle pivot and shock bolts until the rear triangle is fully assembled to the front triangle.

3.2. Pivot bolts, bearings, and spacers - Specifications

#	PIVOT	PART	QTY	MATERIAL	 Ø OD (mm)	 Ø ID (mm)	 WIDTH (mm)	 THREAD	 LENGTH (mm)	 TOOL	 TORQUE (Nm / in-lbf)
A	Main pivot bearing	Bearing	2	Steel	32	20	7		32.5	N/A	N/A
B	Main pivot spacer DS	Spacer	1	Aluminum	32	14	3.5		35	N/A	N/A
C	Main pivot spacer NDS	Spacer	1	Aluminum	32	20	3.5		35	N/A	N/A
D	Main pivot thru axle	Axle	1	Aluminum			20		95	5 mm hex	8 / 71
E	Main pivot bolt	Bolt	1	Steel				M5	14	4 mm hex	4/35
F	Rear shock mounting bolt	Bolt	1	Steel				M8	65	5 mm hex	12/106
G	Main pivot axle cap	Axle cap	1	Aluminum				M14	6	T25 Torx	2/18
H	Forward shock mounting bolt	Bolt	1	Steel				M8	65	5 mm hex	12/106

3.3. Rear suspension bolts torque settings

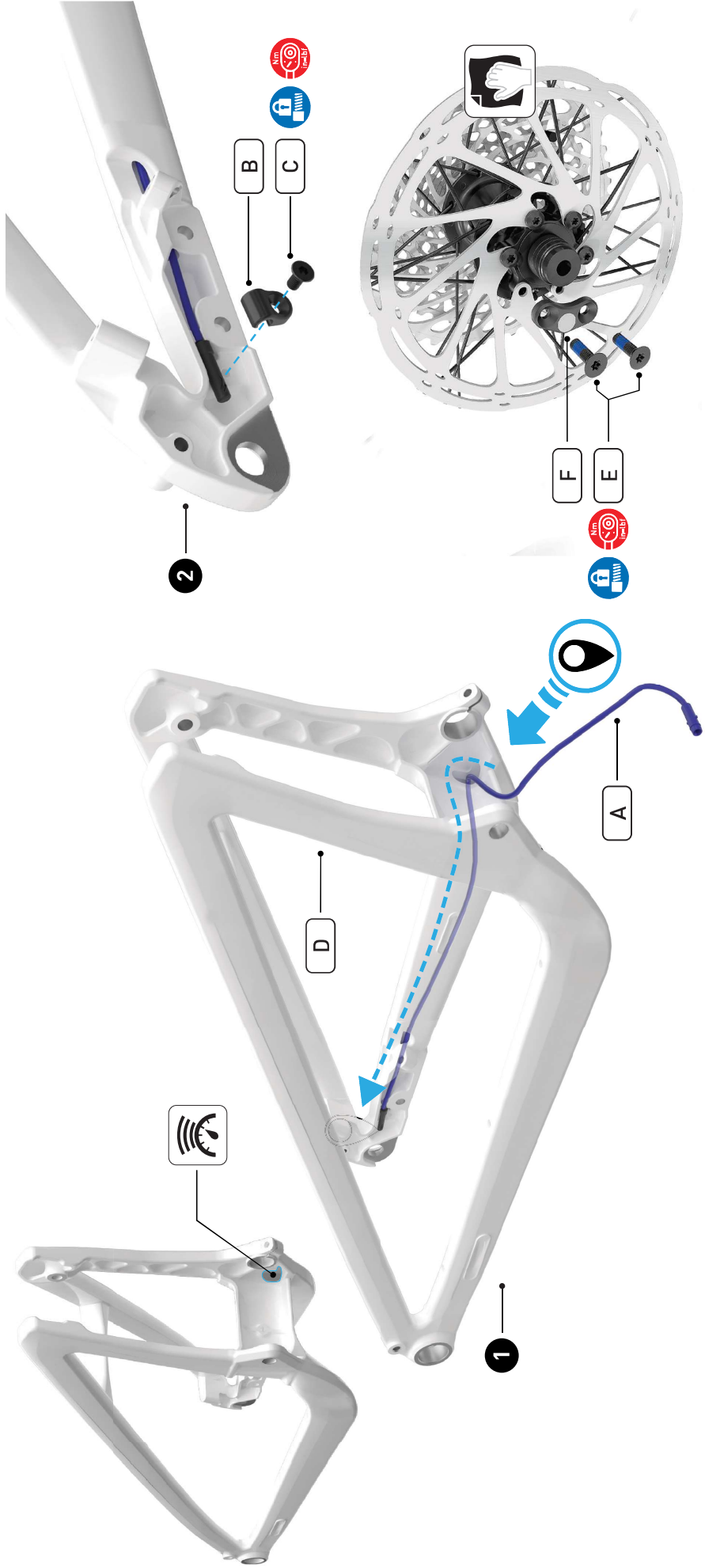
3.4. Rear suspension service parts

PART NAME	PART SPECIFICATION	PART DESCRIPTION	QTY
Turbo Tero X suspension pivot bolt kit	BLT KIT, MY23 TERO X, SUSPENSION PIVOT BOLT KIT (W/ PIVOT SPACERS)		1
Main pivot axle	KIT,AXLE,PA FIT FS A1.1	20 mm x 95 mm axle	1
Main pivot axle cap	SCR,TX BTN HD,M14X1 X 6,AL,BLK	M14 x 6 mm x 1 mm P	1
Main pivot spacer DS	SPCR,14 ID X 32 OD X 3.5 W,AL	14 mm ID x 32 mm OD x 7 mm W	1
Main pivot spacer NDS	SPCR,20 ID X 32 OD X 3.5 W,AL	20 mm ID x 32 mm OD x 3.5 mm W	1
O-ring DS	O-RING,10MM ID X 1MM W,BUNA,A70,BLK	10 mm ID x 1 mm W	1
O-ring NDS	O-RING,16MM ID X 1MM W,BUNA,A70,BLK	16 mm ID x 1 mm W	1
Rear shock mounting bolts	SCR,CUST,M8X1.0 X 65,STL,BLK,LCK	M8 x 65 mm x 1 mm P	2
Main pivot bolt	SCR,TX BTN HD,M5X0.8 X 14,ST,BLK	M5 x 14 mm x 0.8 mm P	1
Suspension bearing kit	BRG KIT, MY23 TERO X, SUSPENSION BEARING KIT		1
Main pivot bearing	BRG,BALL,20MM ID X 32MM OD X 7MM W,DBL SLD	20 mm ID x 32 mm OD x 7 mm W	2
Rear shock and mounting hardware	SHK MY24 TERO X, ROCK SHOX DELUXE SELECT PLUS, 190x45MM, W/ MOUNTING HARDWARE (SHAFT: M8x40MM, BODY:M8x40MM) (00.4118.347.296)	190 mm x 45 mm	1



#	PIVOT	TOOL	TORQUE (Nm / in-lbf)
D	Main pivot thru axle	5 mm hex	8 / 71
E	Main pivot bolt	4 mm hex	4/35
F	Rear shock mounting bolt	5 mm hex	12/106
G	Main pivot axle cap	T25 Torx	2/18
H	Forward shock mounting bolt	5 mm hex	12/106

3.5. Speed sensor and magnet

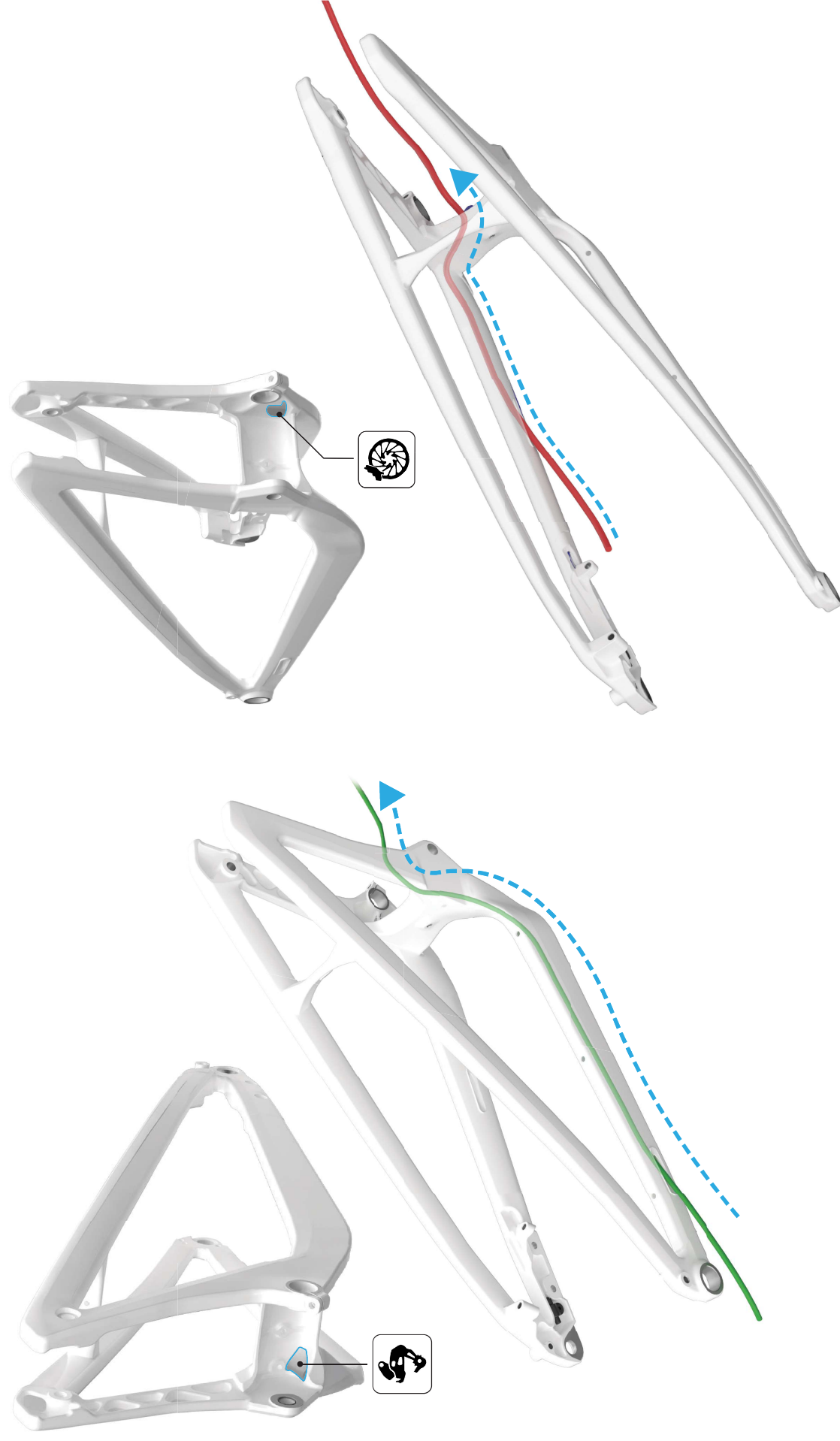


#	PART NAME	PART NUMBER	QTY	SPEC	TOOL	TORQUE		COMMENTS
						Nm	in-lbf	
A	Speed sensor cable	S216800025	1	ELE WIRING, BROSE SPEED SENSOR CABLE (V2), 650MM LENGTH	N/A	N/A	N/A	
B	Speed sensor cable holder	S216800038	1	CBG VADO/COMO (GEN.2), SPEED SENSOR CABLE GUIDE	N/A	N/A	N/A	
C	Speed sensor cable holder screw		1	M4 x 8 mm x 0.7 mm p.	3 mm	1	9	
D	Single pivot rear triangle	S211500006	1	CHS MY23 TERO X, REAR STAY ASSEMBLY, ALLOY, DISC, THRU AXLE - STN BLACK	N/A	N/A	N/A	
E	Speed sensor magnet bolts		2	M5 x15 mm x 0.8 mm P	T25 Torx	6.2	55	
F	Speed sensor magnet	S194200016	1	ELE MAGNET, 6-BOLT SPEED SENSOR MAGNET, LOW PROFILE, W/BOLTS	N/A	N/A	N/A	

■ When assembling the rear brake disc, the speed sensor magnet **(F)** must be installed on the rotor. Four of the six bolts are standard rotor bolts. The remaining two bolts **(E)** attach the speed sensor magnet to the rotor.

WARNING! Dirt and/or metal debris may accumulate on the speed sensor magnet. Too much accumulation may result in interruptions in motor support and/or inaccurate speed readings. Regularly check your speed sensor magnet for an accumulation of dirt and/or metal debris, and clean accordingly. The frequency of the cleaning depends on your riding conditions, ride frequency and/or brake pad material. Removing metal debris may require the use of a magnet stronger than the speed sensor magnet.

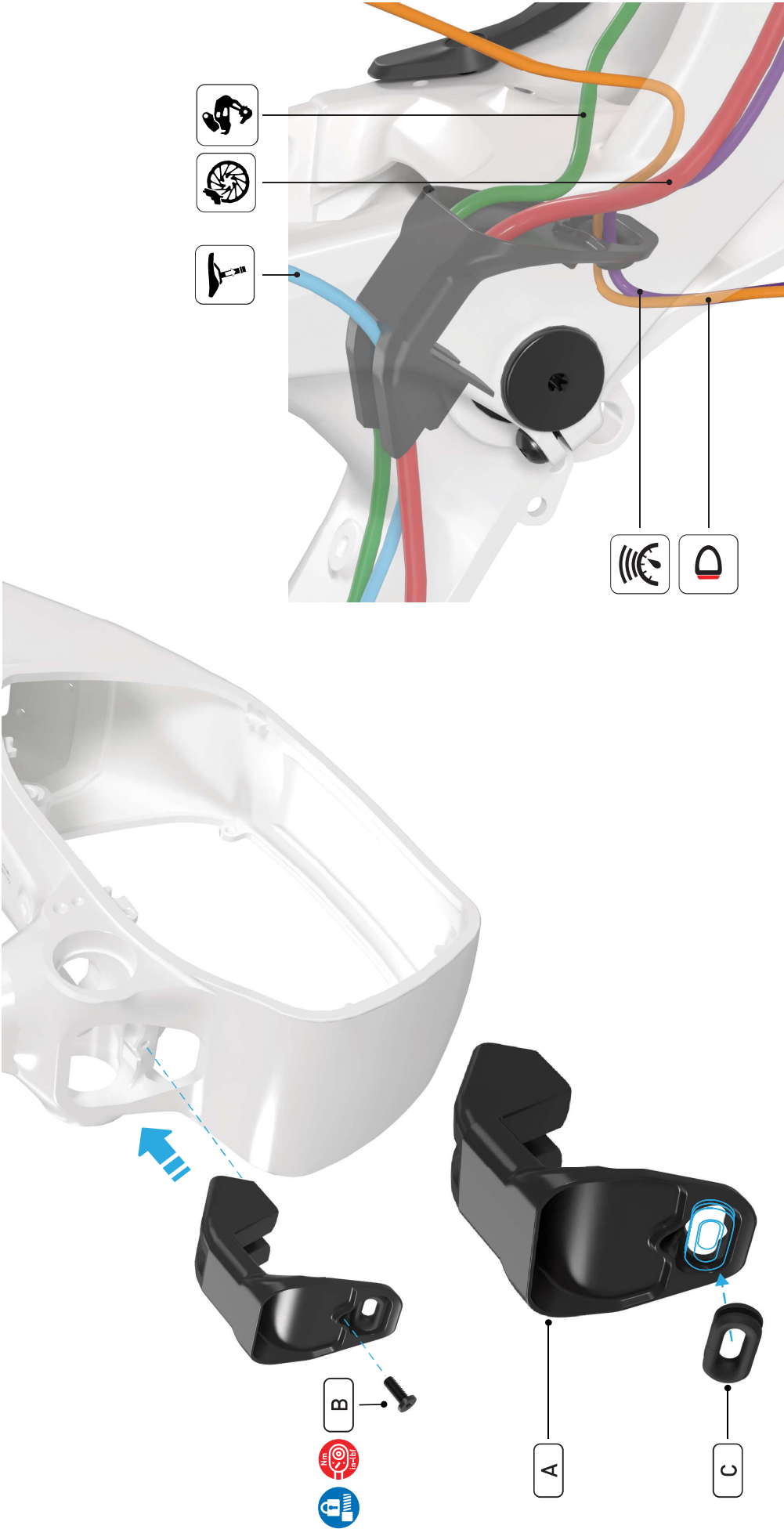
3.6. Rear triangle ICR cables



REAR TRIANGLE ICR CABLES

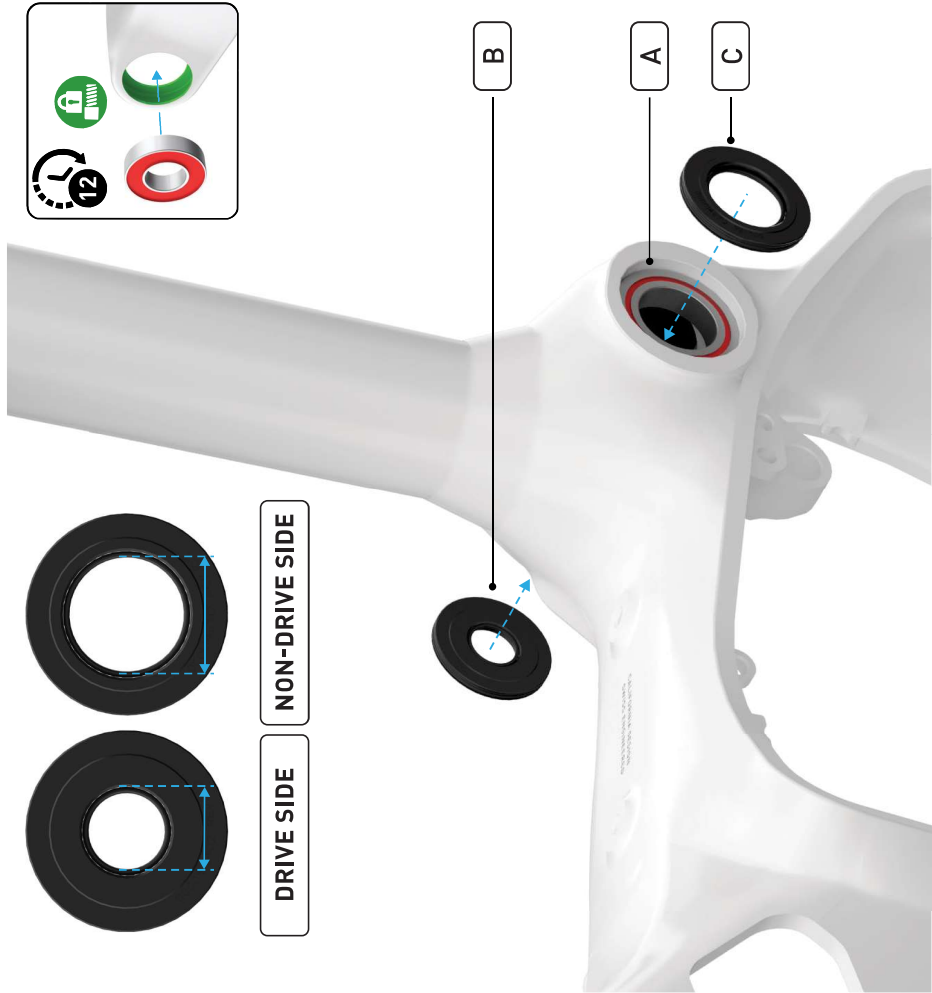
- Insert the derailleur cable housing through the outer ICR port located in the drive side of the chainstay and route it to the drive side port on the chainstay bridge.
- Insert the brake hose through the inner ICR port located in the non-drive side of the chainstay and route it to the non-drive side port on the chainstay bridge.

3.7. Turbo Tero X cable guide



#	PART NAME	PART NUMBER	QTY	SPEC	TOOL	TORQUE		COMMENTS
						Nm	in-lbf	
	Cable funnel kit		1	CBG ICR FUNNEL, MY23 TERO X, MAIN PIVOT CABLE FUNNEL, PLASTIC, W/ BOLT				
A	Cable funnel	S226500001	1	ICR, YOKE PORT,PA FIT FS A1.1	N/A	N/A	N/A	
B	Cable funnel bolt		1	M4 x 10mm x 0.7 mm P	T10 Torx	2.8	25	
C	Cable funnel rubber grommet	Part of S216500008	1	ICR,RACETRACK,20 LX7.5 WX1.5 H,12 MMX4.2 MM,TPE,BLK	N/A	N/A	N/A	

3.8. Main pivot bearings and spacers



MAIN PIVOT BEARINGS AND SPACERS

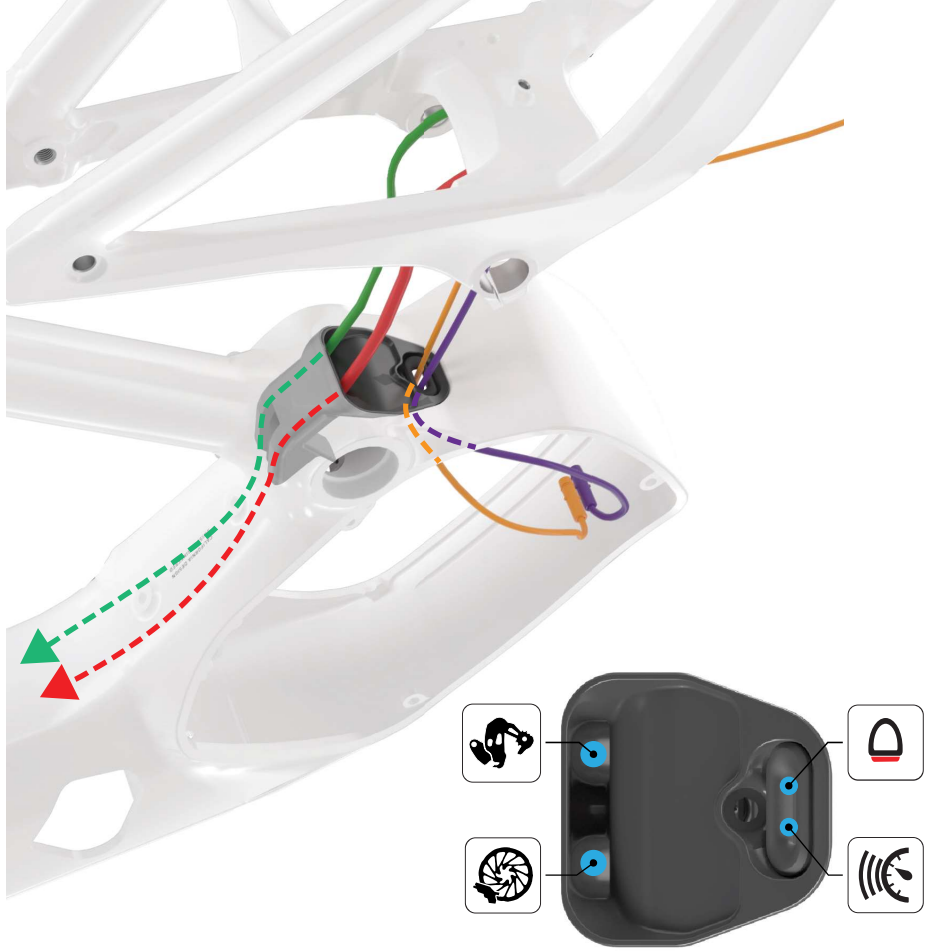
- Press the main pivot bearings (A) into the main pivot bores.
- Grease then place the drive side main pivot spacer (B) against the drive side main pivot bearing.
- Grease then place the non-drive side main pivot spacer (C) against the non-drive side main pivot bearing.

! Apply green Loctite 603 to all the bearing/bore interface surfaces 12 hours before pressing all the bearings into their respective pivot locations.

MAIN PIVOT CABLES

- Align the rear triangle with the back of the frame.
- Thread the rear brake hose through the non-drive side upper cable guide slot through the motor area and up the down tube.
- Thread the rear derailleur cable housing through the drive side upper cable guide slot, through the motor area, and up the down tube.
- Thread the speed sensor cable through the lower cable slot in the cable guide into the motor cavity.

3.9. Main pivot cables



- Thread the rear light cable connector through the lower cable slot in the cable guide into the motor cavity.

i Installing of the rear light cable later in the build process requires removing the rear shock to gain access to the cable guide slot.

PART NAME	PART NUMBER	PART SPECIFICATION	QTY
Main pivot bearings	S220600001	BRG KIT, MY23 TERO X, SUSPENSION BEARING KIT BRG. BALL, 20MM ID X 32MM OD X 7MM W, DBL SLD	2
Main pivot axle kit	S220500001	KIT, AXLE, PA FIT FS A1.1	1

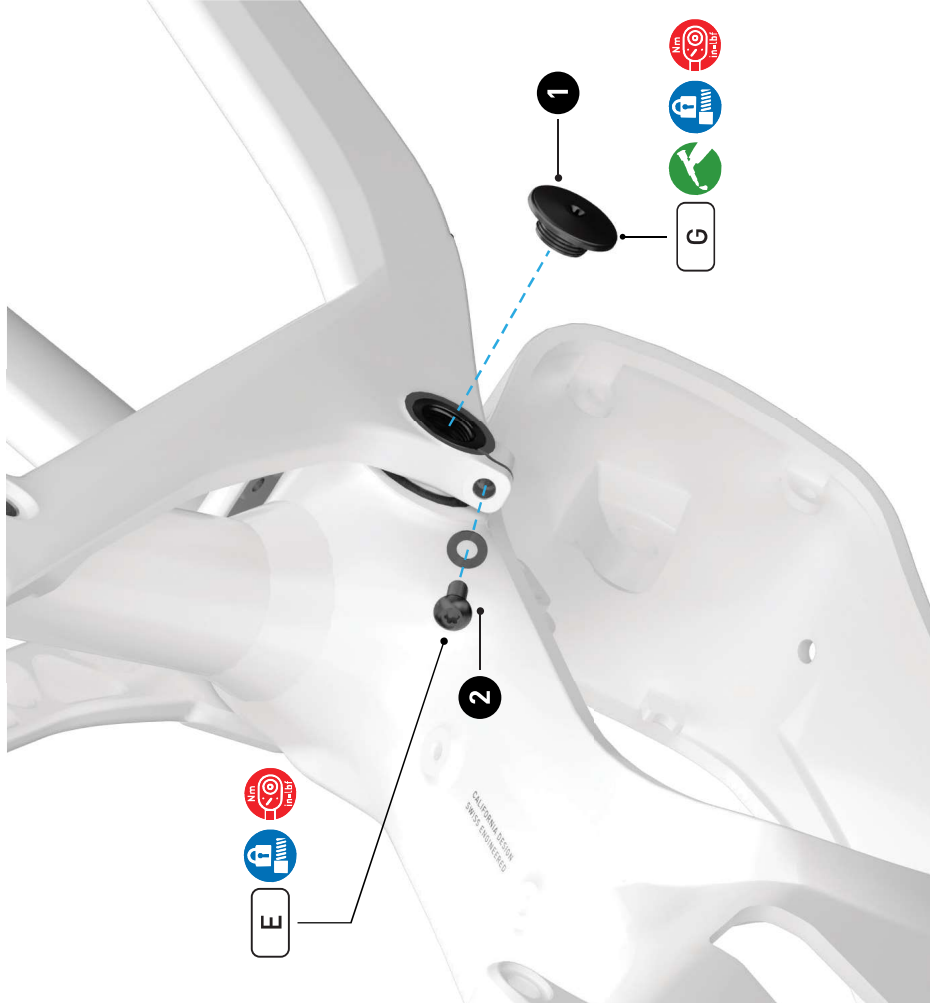
3.10. Main pivot axle



MAIN PIVOT AXLE

- Align the bore in the rear triangle with the bearings and spacers of the main pivot.
 - Grease the non-threaded surfaces and O-rings of the main pivot axle (D), then thread the axle through the frame.
- On the drive side of the axle, use a torque wrench set to the left-hand thread and a 5 mm hex bit to torque the axle to specification.

- ! CAUTION: Only apply grease to the unthreaded portion of the axle shaft (yellow highlighted portion of bolts as shown in the image).
- ! CAUTION: Contaminating the threads of any of the pivot bolts with grease could lead to the Loctite not functioning as intended. The bolts could come loose causing damage to the bicycle.



MAIN PIVOT BOLT AND AXLE CAP

- 1. Grease all non-threaded surfaces and insert the main pivot axle cap (G). Use a torque wrench and T25 Torx bit to torque to specification.
- 2. Insert the main pivot bolt (E) and washer. Use a torque wrench and 4 mm hex bit to torque to specification.

PART NAME	PART NUMBER	PART SPECIFICATION	QTY
Main pivot axle kit	S220500001	KIT,AXLE,PA FIT FS A1.1	1
NDS Axle O-ring	S230500007	BLT MY23 TERO X, O-RING FOR MAIN PIVOT AXLE	1

3.12. Rear shock assembly



FORWARD SHOCK MOUNTING BOLT

- Rotate and align the shock with the forward shock mount.
- Insert the forward shock mounting bolt (H). Use a torque wrench and 5 mm hex bit to torque to specification.



REAR SHOCK MOUNTING BOLT

- Rotate the rear triangle forward and align it with the rear shock mount.
- Insert the rear shock mounting bolt (F). Use a torque wrench and 5 mm hex bit to torque to specification.



Place a cloth on the frame to prevent the shock from damaging the paint.

3.13. Chainstay protector

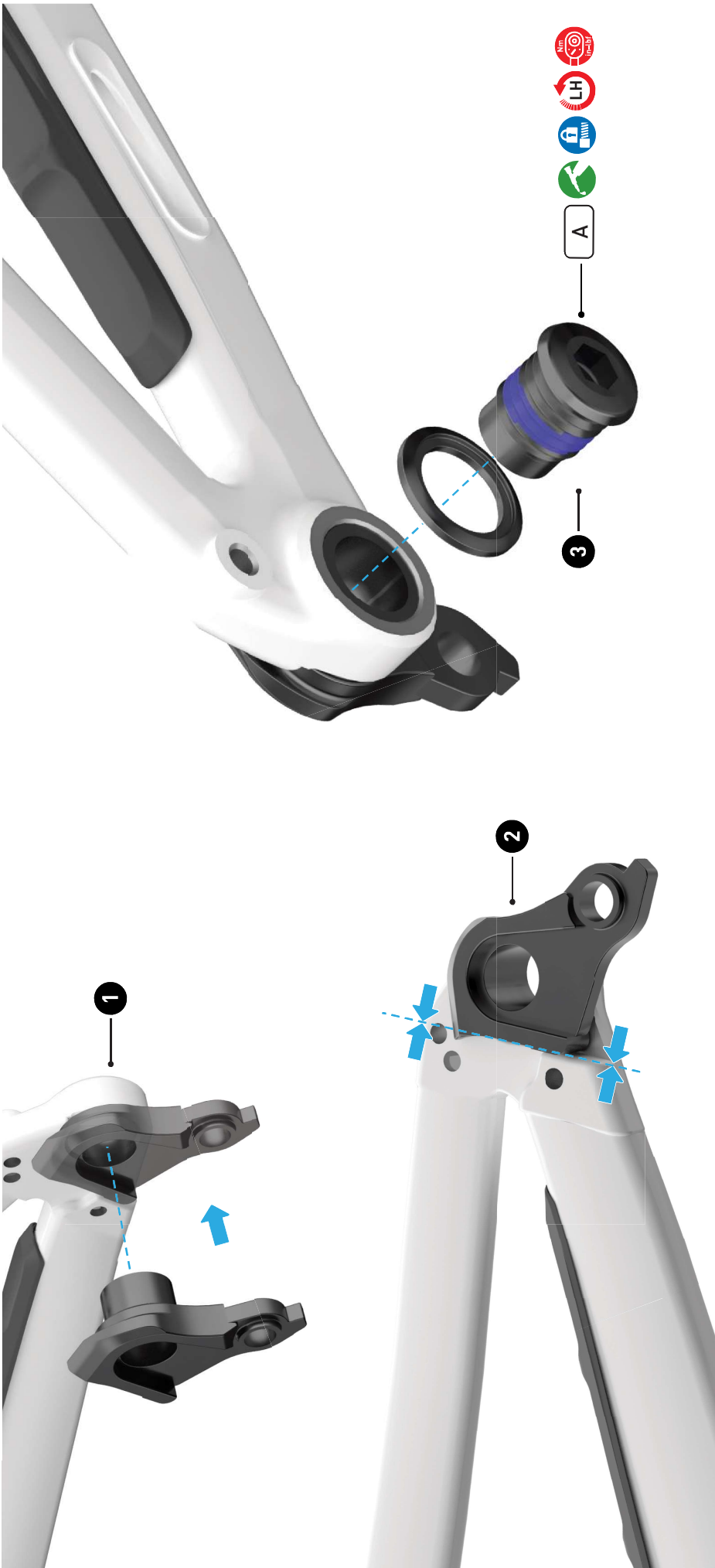


#	PART NAME	PART NUMBER	QTY	SPEC	TOOL	TORQUE		COMMENTS
						Nm	in-lbf	
	Chainstay protector kit		1	CSP MY23 TERO X, CHAINSTAY PROTECTOR, BOLT-ON W/ ADHESIVE BACKING				
A	Chainstay protector	S226900001	1	KIT,CS PROTECTOR,ROAD,PA FIT FS A1.1	N/A	N/A	N/A	Wipe chainstay before application
B	Chainstay protector bolt		1	M5 x 12 mm x 0.8 mm P	3 mm	2.8	25	

CHAINSTAY PROTECTOR

- Clean the chainstay and remove the adhesive film from the chainstay protector.
- Align the three locators on the chainstay protector **(A)** with the three guide holes on the drive side chainstay.
- Firmly place the chainstay protector and maintain downward pressure on the protector to ensure proper adhesion.
- Align and insert the bolt **(B)** into the mounting hole in the rear triangle yoke.
- Use a torque wrench and 3 mm hex bit to torque to specification.

3.14. Derailleur hanger



#	PART NAME	PART NUMBER	QTY	SPEC	TOOL	TORQUE		COMMENTS
						Nm	in-lbf	
A	SRAM universal derailleur hanger	S202600002	1	HGR SRAM AC UDH DERAILLEUR HANGER AL BLACK (00.7918.089.000)	8 mm hex (left-hand thread)	25	220	

INSTALLATION PROCESS

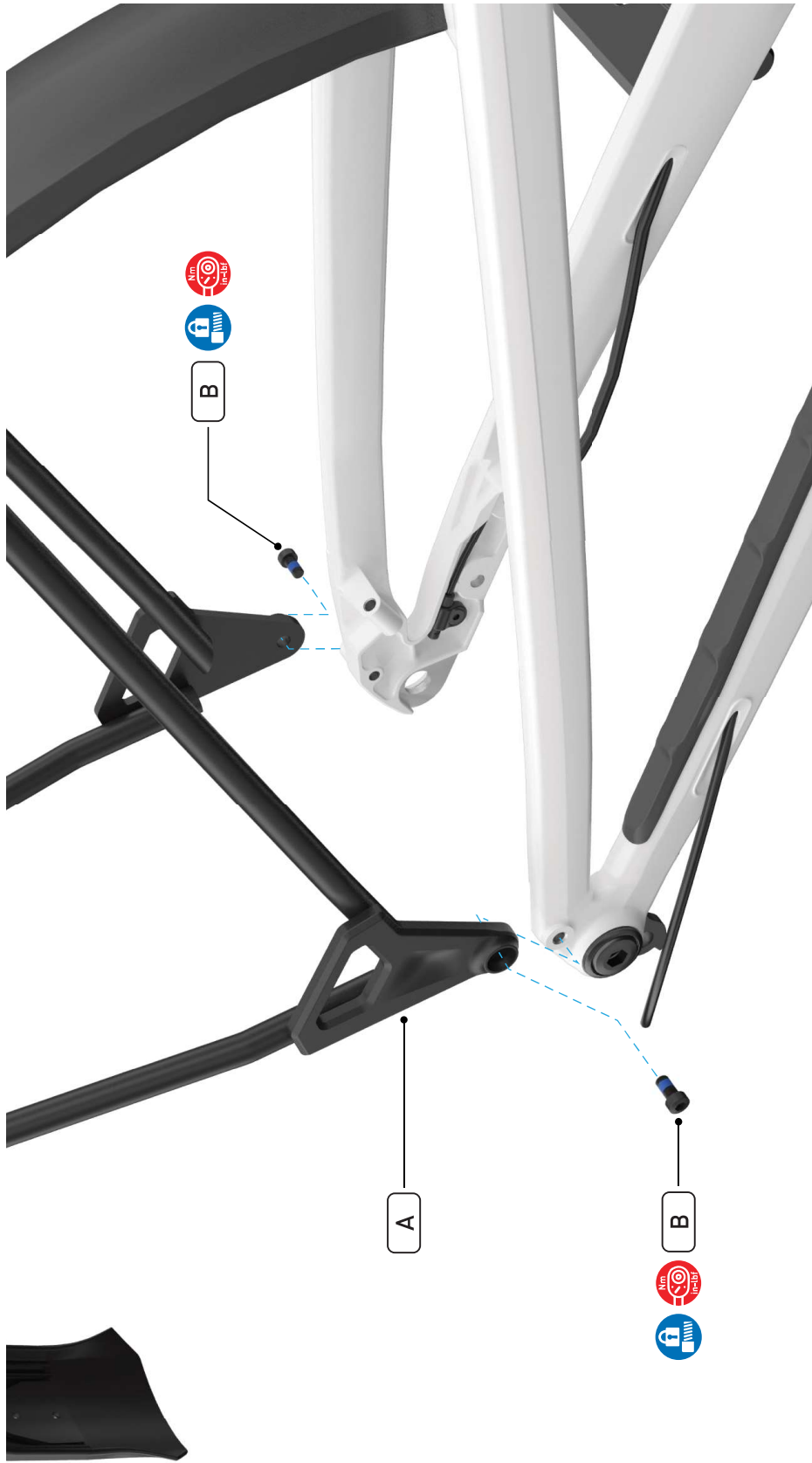
- 1. Install the UDH hanger assembly into the frame dropout.
 - 2. Rotate the UDH hanger forward until it is completely seated in the hanger pocket or contacts the rotational stop tab.
 - 3. Install the UDH washer, then thread the UDH bolt through the washer and into the hanger.
- Use a torque wrench and 8 mm hex bit to torque to specification.

! CAUTION: Do NOT apply grease to the frame, UDH hanger, or UDH bolt threads.

! CAUTION: The hanger must be completely seated in the hanger pocket or against the frame stop tab when tightened to the specified torque.

i A reversible (left-hand and right-hand thread) torque wrench **MUST** be used to ensure proper left-hand thread bolt torque.

3.15. Rear fender



#	PART NAME	PART NUMBER	QTY	SPEC	TOOL	TORQUE		COMMENTS
						Nm	in-lbf	
A	Turbo Tero X rear rack	5221700001	1	CRR MY23 TERO X, REAR RACK W/HARDWARE RACK, MASSLOAD, SPL-52, REAR RACK, 650B, 20KG, ALUMINUM, MY22 COMO SUV	N/A	N/A	N/A	
B	Rack mounting bolts		2	M5 x 16 mm x 1.0 mm P	5 mm hex	9	80	

The rear rack is combined with the rear fender and is attached with bolts to mounting tabs at the dropouts to support the vertical rack stays.

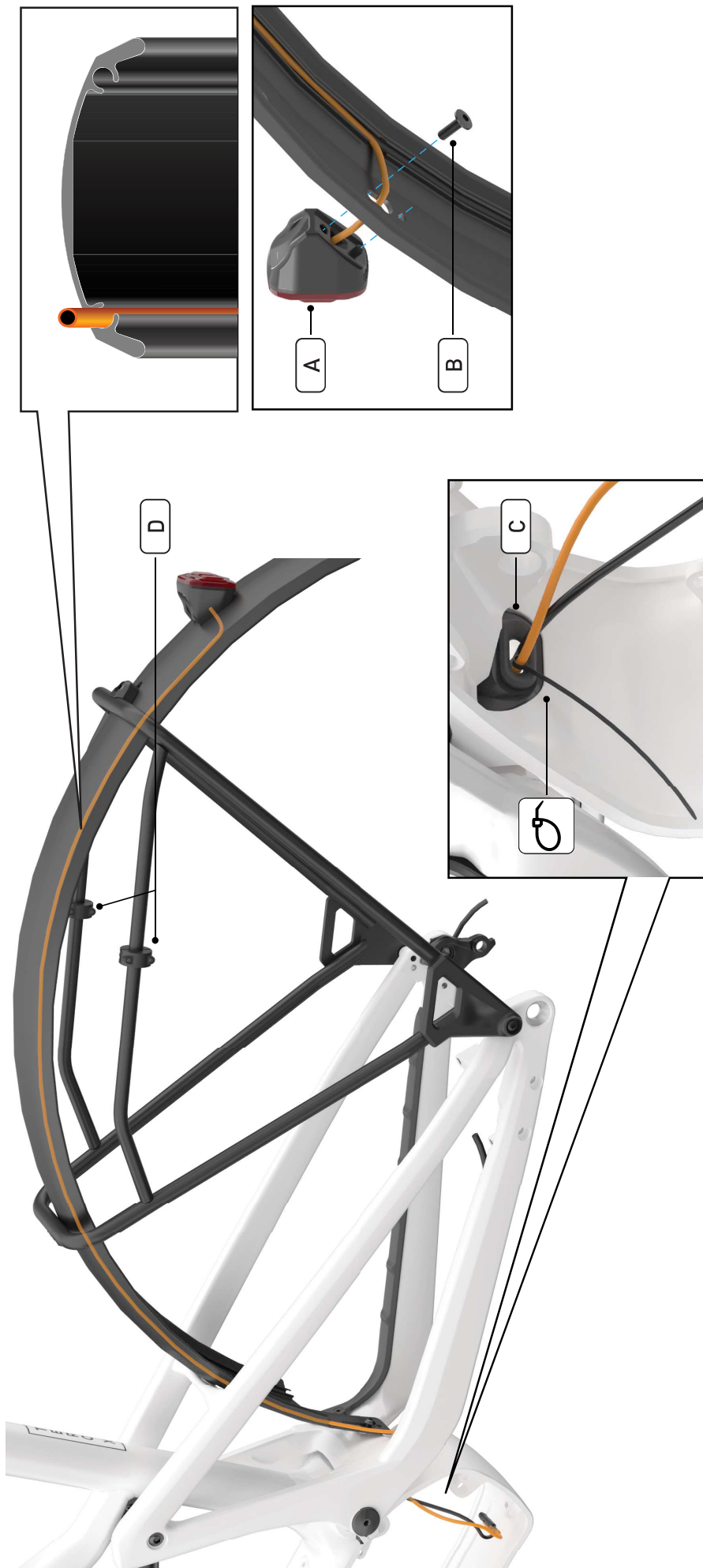
i All Turbo Tero X bicycles with a small size frame, regardless of model, have 27.5" front wheels. All other frame sizes have 29" front wheels and 27.5" rear wheels.

3.16. Rear fender



#	PART NAME	PART NUMBER	QTY	SPEC	TOOL	TORQUE		COMMENTS
						Nm	in-lbf	
A	Front and rear fender set Turbo Tero X 5.0 /6.0 - 27.5"	S2222200003	1	FND MY23 TERO X 5.0 & 6.0, 650B, FRONT & REAR FENDER SET W/ MOUNTING HARDWARE	N/A	N/A	N/A	Small frame size only
	Front and rear fender set Turbo Tero X 5.0 /6.0 - 29"	S2222200002	1	FND MY23 TERO X 5.0 & 6.0, 29, FRONT & REAR FENDER SET W/ MOUNTING HARDWARE	N/A	N/A	N/A	Small frame size only
	Front and rear fender set Turbo Tero X 4.0 - 27.5"	S2222200014	1	FND MY23 TERO X 5.0 & 6.0, 650B, FRONT & REAR FENDER SET W/ MOUNTING HARDWARE	N/A	N/A	N/A	Small frame size only
	Front and rear fender set Turbo Tero X 4.0 - 29"	S2222200013	1	FND MY23 TERO X 5.0 & 6.0, 29, FRONT & REAR FENDER SET W/ MOUNTING HARDWARE	N/A	N/A	N/A	Small frame size only
C	Fender mounting bolts	Included in fender kit	2	M4 x 8 mm x 0.5 mm P	4 mm hex	4	35	
D	Fender spacer		2	10 mm OD x 5.2 mm ID x 6 mm W	N/A	N/A	N/A	
	Fender/rack bolts		2	M4 x 7 x 0.7 mm P	4 mm hex	4	35	

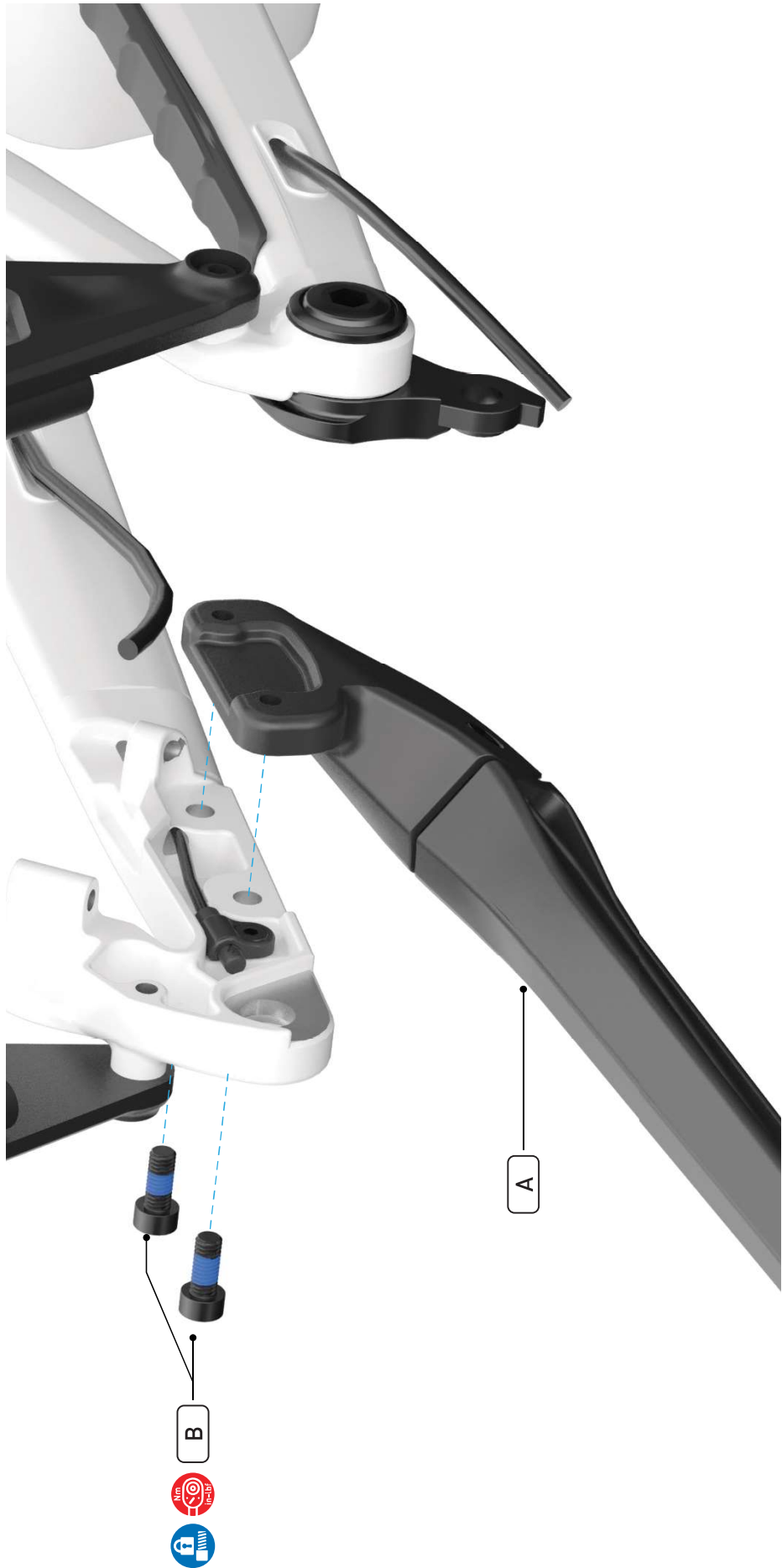
3.17. Rear light cable routing



#	PART NAME	PART NUMBER	QTY	SPEC	TOOL	TORQUE		COMMENTS
						N/m	in-lbf	
A	Fender mounted rear light	S225800011	1	LGT REAR, LEZYNE, EBIKE STVZO, FENDER MOUNTED, W/ 1400MM BROSE LIGHT WIRE	N/A	N/A	N/A	
B	Rear light bolt		1	M4 x 11 mm x 0.7 P	3 mm hex	N/A	N/A	
C	Cable funnel grommet	Part of S216500008	1	ICR,RACETRACK,20 LX7.5 WX1.5 H,12 MMX4.2 MM,TPE,BLK	N/A	N/A	N/A	
D	Pannier spacers	S221700004	2	CRR SUB, REAR RACK, PANNIER SPACERS, 5MM CLAMP, W/ BOLTS (2PCS)	2.5 mm hex	N/A	N/A	

i To prevent the rear tire from damaging the rear light cable, pull any excess cable into the motor area of the frame and secure the cable with a zip tie as shown.

3.18. Kickstand



#	PART NAME	PART NUMBER	QTY	SPEC	TOOL	TORQUE		COMMENTS
A	Tero kickstand	98922-3006	1	BLT KIT, KICKSTAND MOUNTING HARDWARE KIT, FOR 362MM KICKSTAND (SZE-120)	N/A	Nm	in-lbf	
	Kickstand mounting hardware kit	S219900050	1	BLT KIT, KICKSTAND MOUNTING HARDWARE KIT, FOR 362MM KICKSTAND (SZE-120)		N/A	N/A	
B	Kickstand bolts		2	M6 x 14 mm x 1.0 mm P	5 mm hex	9	80	

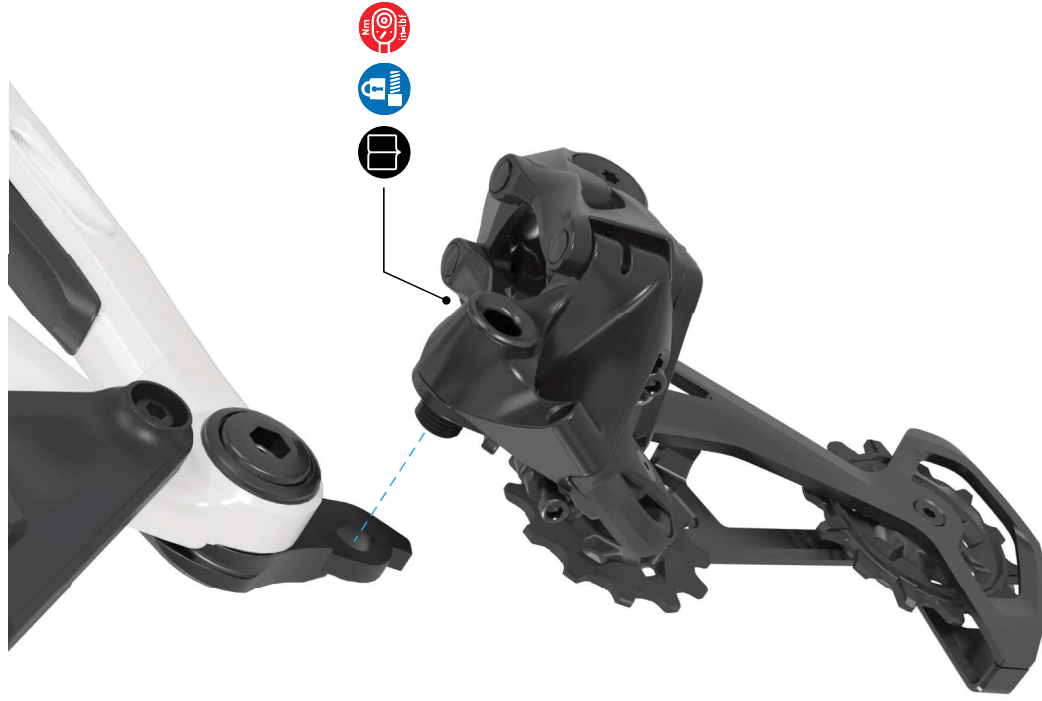
3.19. Rear brake caliper



■ Install the rear brake caliper on the non-drive side of the seatstay according to the manufacturer's specification.

i To replace the brake pads, the caliper needs to be removed from the frame mount.

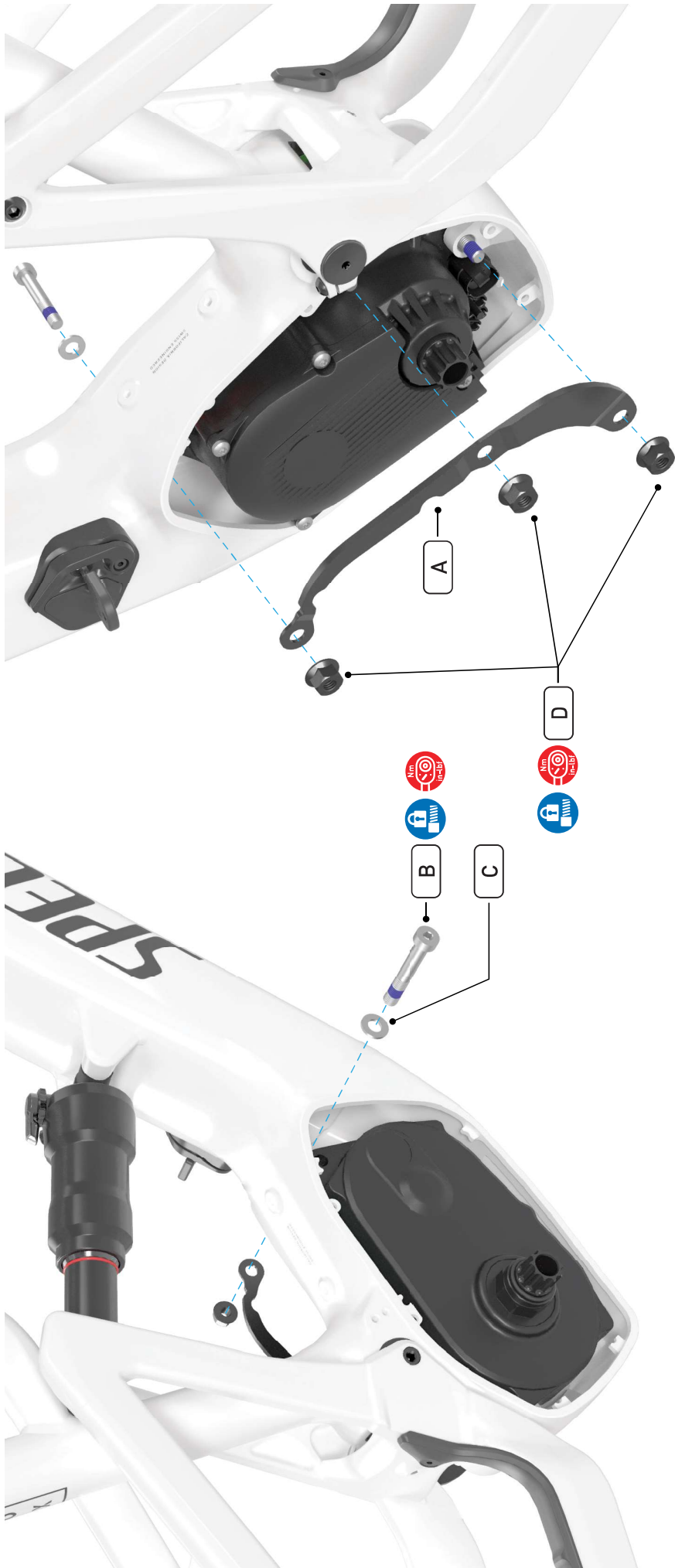
3.20. Derailleur



- Install the derailleur following the manufacturer's specifications.
- Insert the derailleur cable housing into the derailleur.

4. MOTOR AND BATTERY

4.1. Motor mounting bracket and bolts



#	PART NAME	PART NUMBER	QTY	SPEC	TOOL	TORQUE		COMMENTS
						Nm	in-lbf	
	ELE MY22 SPECIALIZED DRIVE C MAG HORIZONTAL, 28MPH	S2168000027	1	Turbo Tero X 4.0	N/A	N/A	N/A	
	ELE MY22 SPECIALIZED DRIVE T MAG HORIZONTAL, 28MPH	S2168000029	1	Turbo Tero X 5.0	N/A	N/A	N/A	
	ELE MY22 SPECIALIZED DRIVE S MAG HORIZONTAL, 28MPH	S2168000028	1	Turbo Tero X 6.0	N/A	N/A	N/A	
A	Turbo Tero X motor mounting bracket	S2368000003	1	ELE MOTOR, MY23 TERO X, MOTOR MOUNTING BRACKET (NON-DRIVE SIDE)	N/A	N/A	N/A	Turbo Tero X Specific: Non drive side
	Turbo Tero X motor mounting hardware kit		1	BLT KIT, MY23 TERO X, MOTOR MOUNTING HARDWARE KIT				
B	Bolt		1	SCR,SKT HD CAP,L,P,M8X1.25 X 50,STL,BLK	5 mm hex	23	203	Apply threadlocker
C	Washer	S2305000004	1	WSHR,FLAT,M8,8.4 IDX16 ODX1.6 THK,SST,BLK	N/A	N/A	N/A	
D	Turbo Tero X nut		3	NUT,FLG,M8X1.25,BLK,LCK	13 mm Socket wrench	23	203	Turbo Tero X Specific: Replace after use

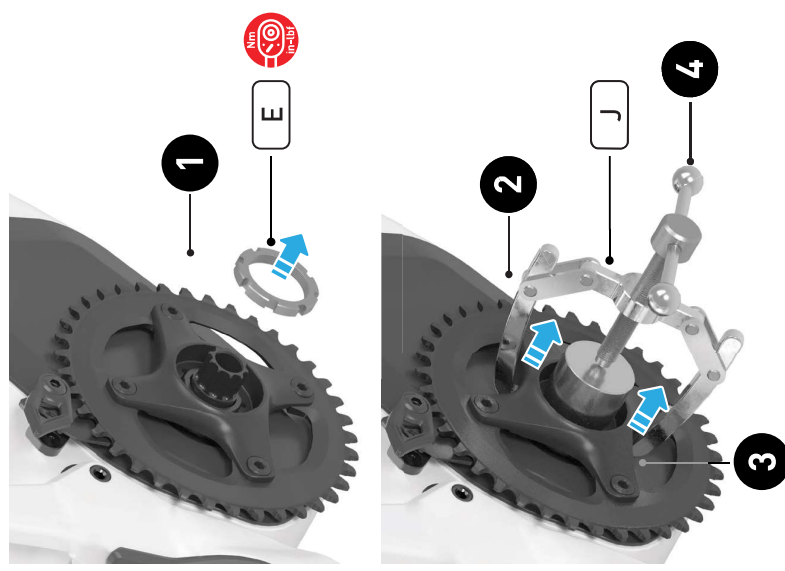
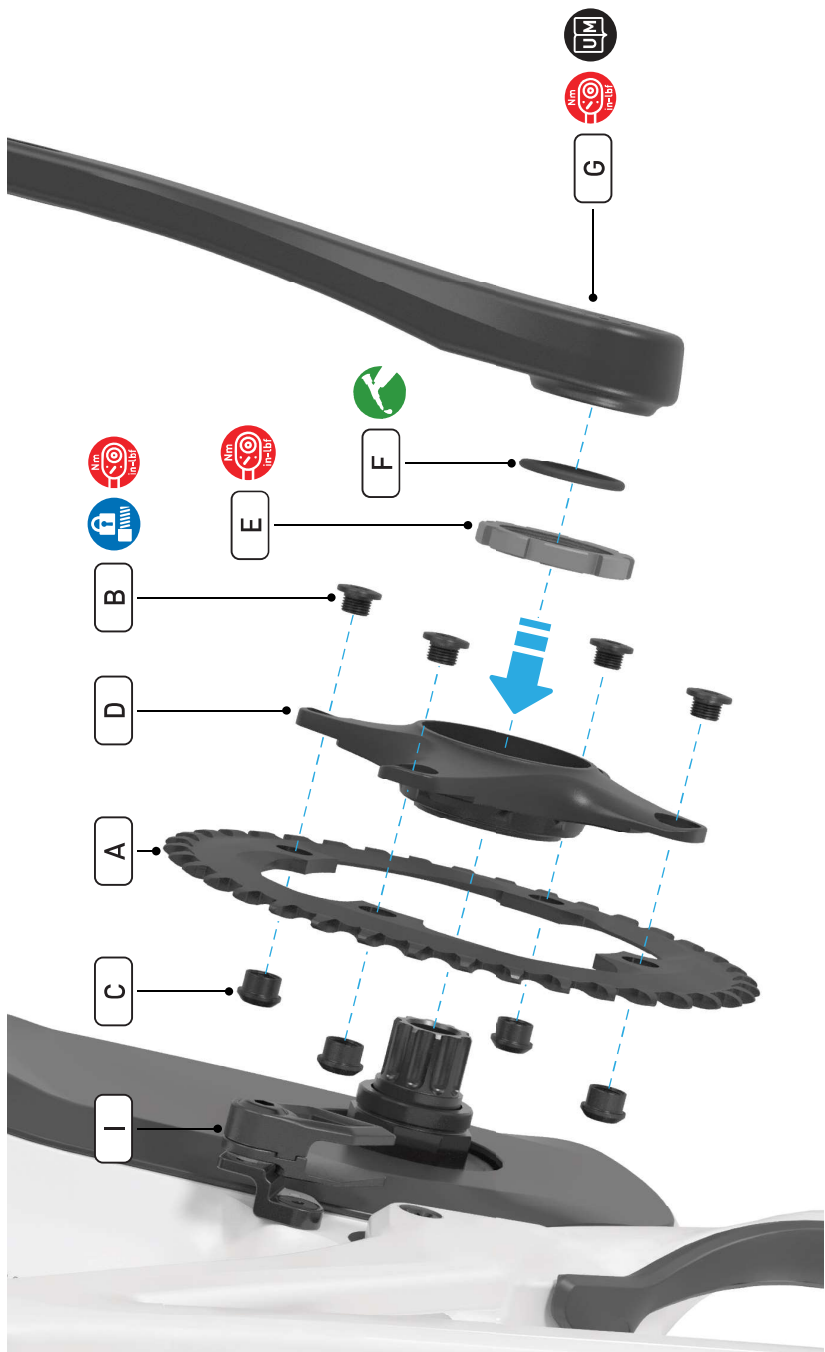
WARNING! The Turbo Tero X mounting bracket and motor mounting bolt kit is unique and critical safety parts of the Turbo Tero X and is not interchangeable with any other bicycle.

4.2. Motor covers



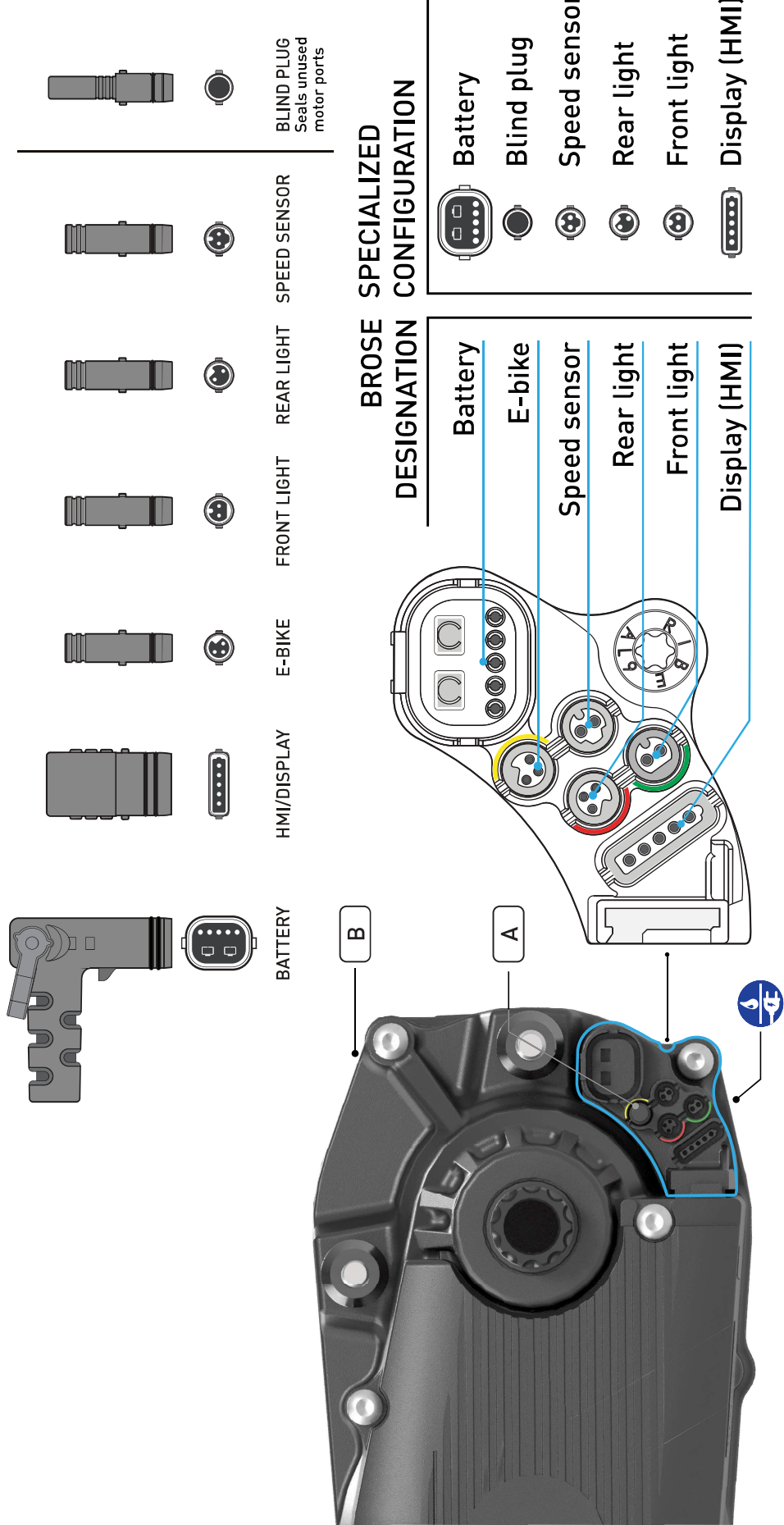
#	PART NAME	PART NUMBER	QTY	SPEC	TOOL	TORQUE		COMMENTS
						Nm	in-lbf	
A	DS motor cover assembly	S219900056	1	CVR,MOTOR,DS,PA FIT HT F1	N/A	N/A	N/A	With moulded thru bolts
B	NDS motor cover		1	CVR,MOTOR,NDS,PA FIT HT F1	N/A	N/A	N/A	
C	Custom motor cover nut		5	M4 x 8 mm x 0.7 mm P	T20 Torx	1	9	

4.3. Spider and crank assembly



#	PART NAME	PART NUMBER	QTY	SPEC	TOOL	TORQUE		COMMENTS
						Nm	in-lbf	
A	Chain ring 38t		1	CHR SRAM CHAINRING EAGLE 38T 104BCD AL EMTB W/BOLTS [00,6218,011,008]	N/A	N/A	N/A	
B	Chain ring bolts	S221400002	4	M8 x 6.5 mm x 0.75 mm p	5 mm hex	10	89	
C	Chain ring nuts		4	M8.5 x 5 mm x 0.75 mm p nut	5 mm hex	10	89	
D	Spider	S195100001	1	SPR TURBO, BROSE MOTOR SPIDER, 104 BCD, 4-BOLT, ALLOY [V2]	N/A	N/A	N/A	
E	Spider groove nut	S166800011	1	SPR SUB, BROSE MOTOR, SPIDER LOCKRING	ParkTool LBBT-18 or Shimano TL-UN96	50	443	
F	O-ring	S221600011	1	CRK O-RING, 23.5X2.4MM, DS, TURBO, BROSE MOTORS	N/A	N/A	N/A	
G	Crank DS - 29" models	S211600027	1	CRK TURBO, BROSE ISIS SPLINE [G2], 170MM, DRIVE-SIDE ARM, ALLOY, PRAXIS	8 mm hex	40	354	
H	Crank NDS - 29" models	S211600028	1	CRK TURBO, BROSE ISIS SPLINE [G2], 170MM, NON-DRIVE SIDE ARM, ALLOY, PRAXIS	8 mm hex	40	354	
G	Crank DS - 27.5" models	S201600021	1	CRK TURBO, BROSE ISIS SPLINE [G2], 165MM, DRIVE-SIDE ARM, ALLOY, PRAXIS	8 mm hex	40	354	Small frame size only
H	Crank NDS - 27.5" models	S201600022	1	CRK TURBO, BROSE ISIS SPLINE [G2], 165MM, NON-DRIVE SIDE ARM, ALLOY, PRAXIS	8 mm hex	40	354	Small frame size only
I	Turbo Tero X chain guide	S221200001	1	CHG MY23 TERO X, CHAINGUIDE KIT, CHN GUIDE, PA FIT FS A1.1	N/A	N/A	N/A	
J	Brose cap puller	S175300006	1	N/A	N/A	N/A	N/A	

4.4. Motor connector layout

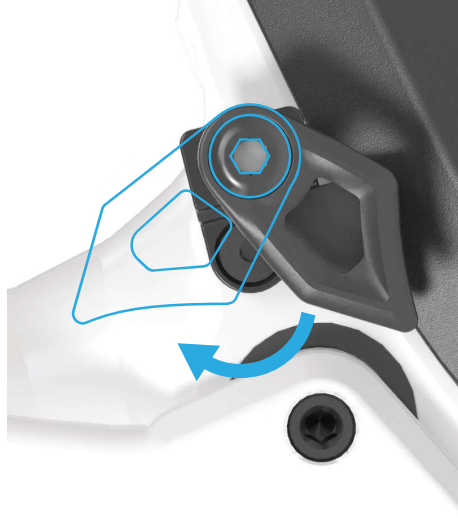
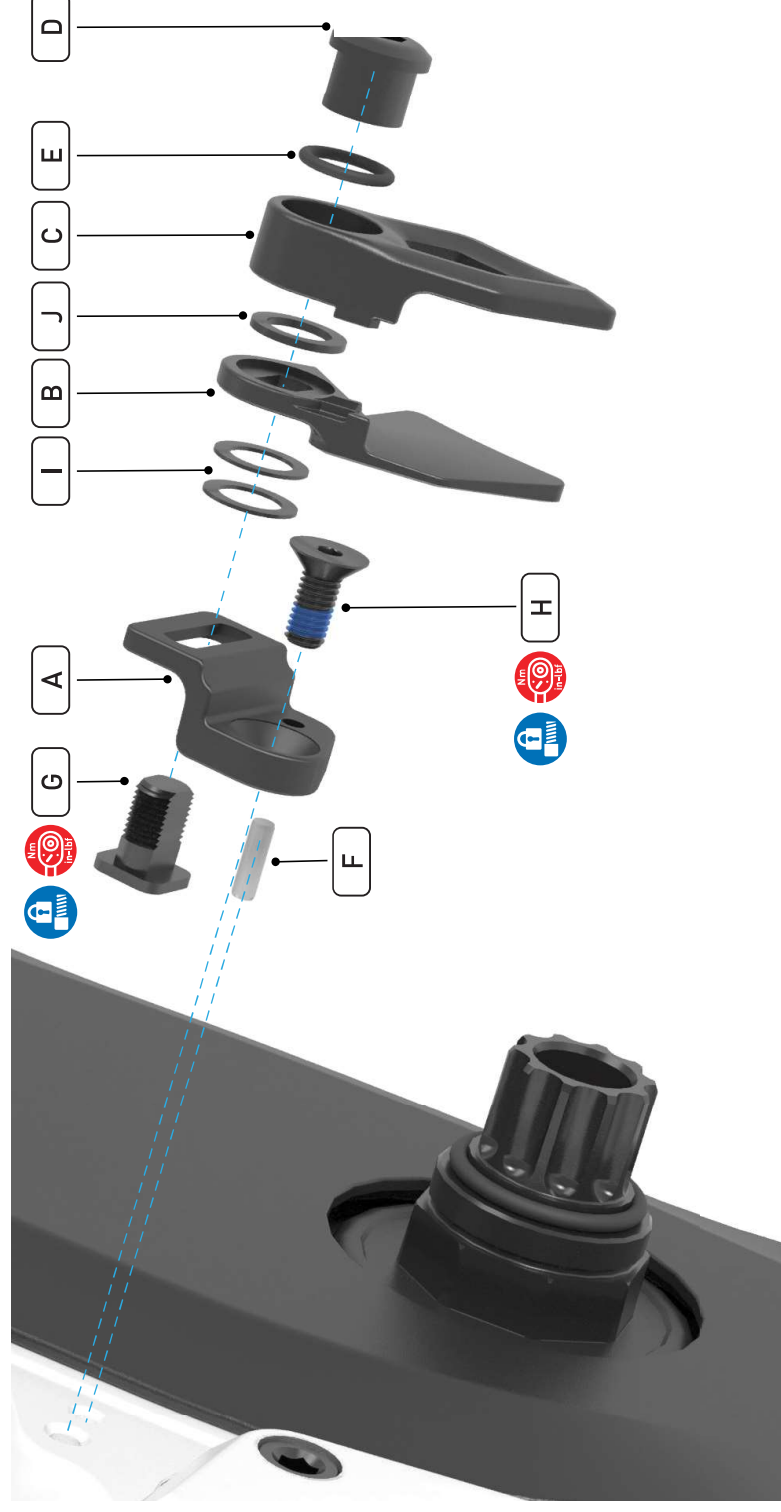


#	PART NAME	PART NUMBER	QTY	SPEC	TOOL	TORQUE		COMMENTS
						Nm	in-lbf	
A	Blind plug	S216800024	1	ELE EBIKE BROSE MOTOR LIGHT SOCKETS BLIND PLUGS	N/A	N/A	N/A	
B	Motor Turbo Tero X 4.0	S216800027	1	ELE MY22 SPECIALIZED DRIVE C MAG HORIZONTAL, 28MPH	N/A	N/A	N/A	
B	Motor Turbo Tero X 5.0	S216800029	1	ELE MY22 SPECIALIZED DRIVE T MAG HORIZONTAL, 28MPH	N/A	N/A	N/A	
B	Motor Turbo Tero X 6.0	S216800028	1	ELE MY22 SPECIALIZED DRIVE S MAG HORIZONTAL, 28MPH	N/A	N/A	N/A	

 Apply Nyogel 760G to all ports on the motor.

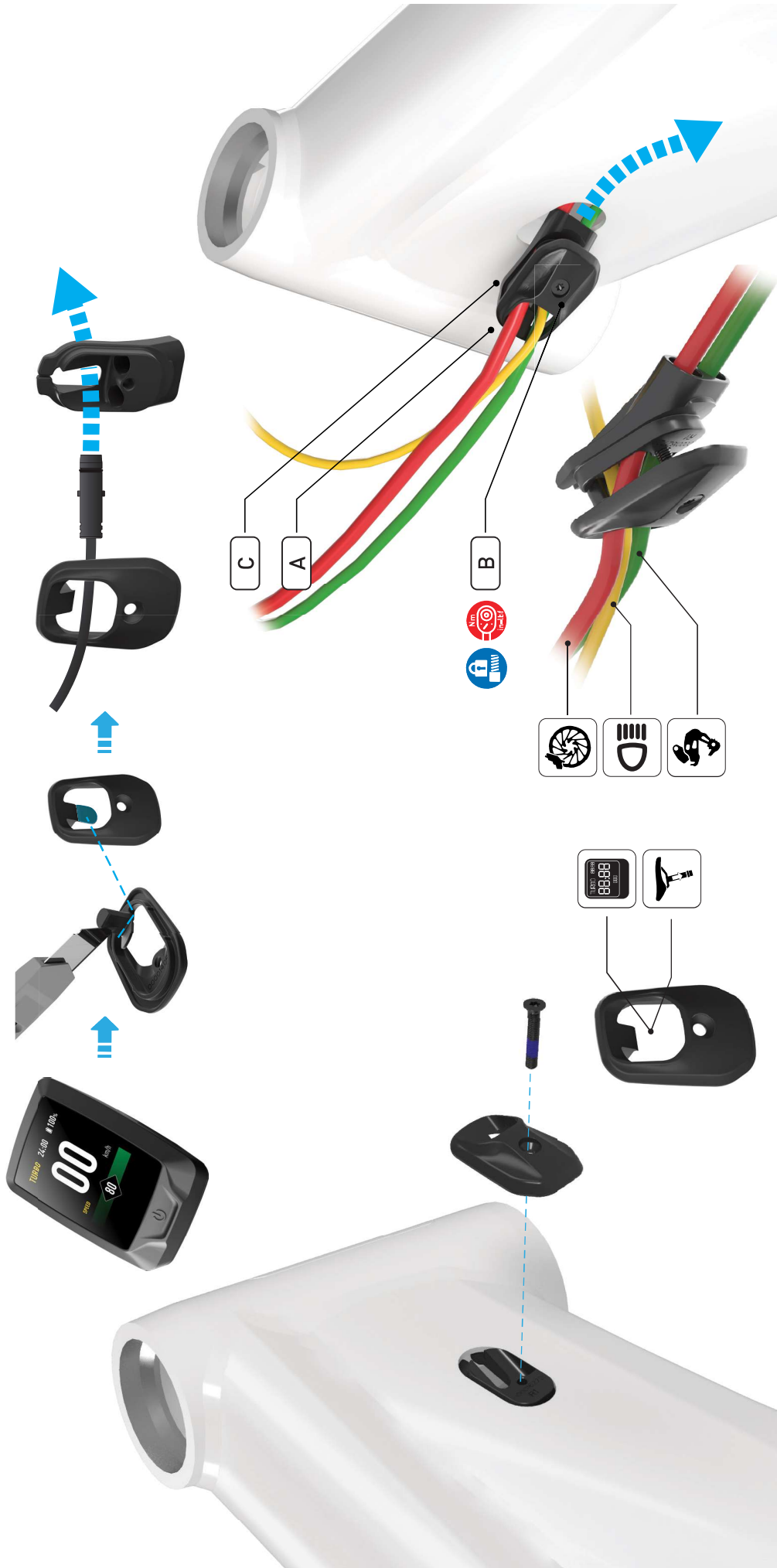
 CAUTION: Place blind plugs in all unused ports.

4.5. Chain guide



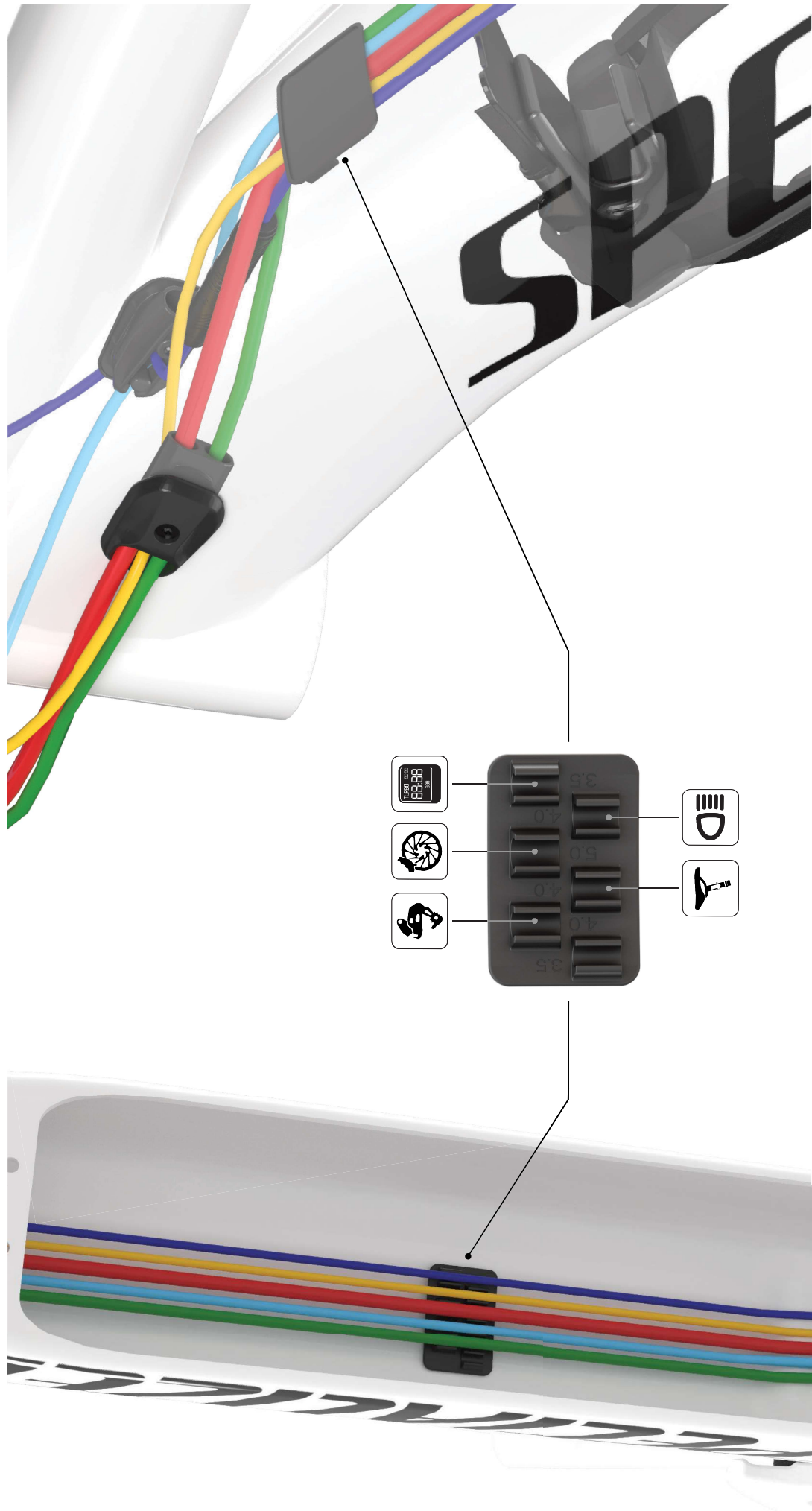
#	PART NAME	PART NUMBER	QTY	SPEC	TOOL	TORQUE		COMMENTS
						Nm	in-lbf	
A	Chain guide - back plate	S221200001	1	CHN GUIDE,BACK PLATE,PA FS A1.1	N/A	N/A	N/A	
B	Chain guide - inner plate		1	CHN GUIDE,INNER PLATE,PA TRAIL FSR F1	N/A	N/A	N/A	
C	Chain guide - outer plate		1	CHN GUIDE,OUTER PLATE,PA TRAIL FSR F1	N/A	N/A	N/A	
D	Mounting nut		1	NUT,HEX,M8X1.0,PA TRAIL FSR F1	5 mm hex	4	35	
E	O-ring		1	O-RING,9MM ID X 1.5MM W,BUNA,A70,BLK	N/A	N/A	N/A	
F	Dowel pin		1	PIN,DOWEL,3 ODX10 L,SST	N/A	N/A	N/A	
G	Mounting bolt		1	SCR,CUST,M8X0.75 X 11,SLOT,SST,BLK,LCK	N/A	N/A	N/A	
H	Frame mounting bolt		1	SCR,SKT FLT HD,M5X0.8 X 12,SST,BLK,LCK	3 mm hex	4	35	
I	Washer 0.5 mm		2	SPCR,8.2 ID X 12 OD X 0.5 W	N/A	N/A	N/A	
J	Washer 1 mm		1	SPCR,8.2 ID X 12 OD X 1 W	N/A	N/A	N/A	

4.6. ICR headtube ports



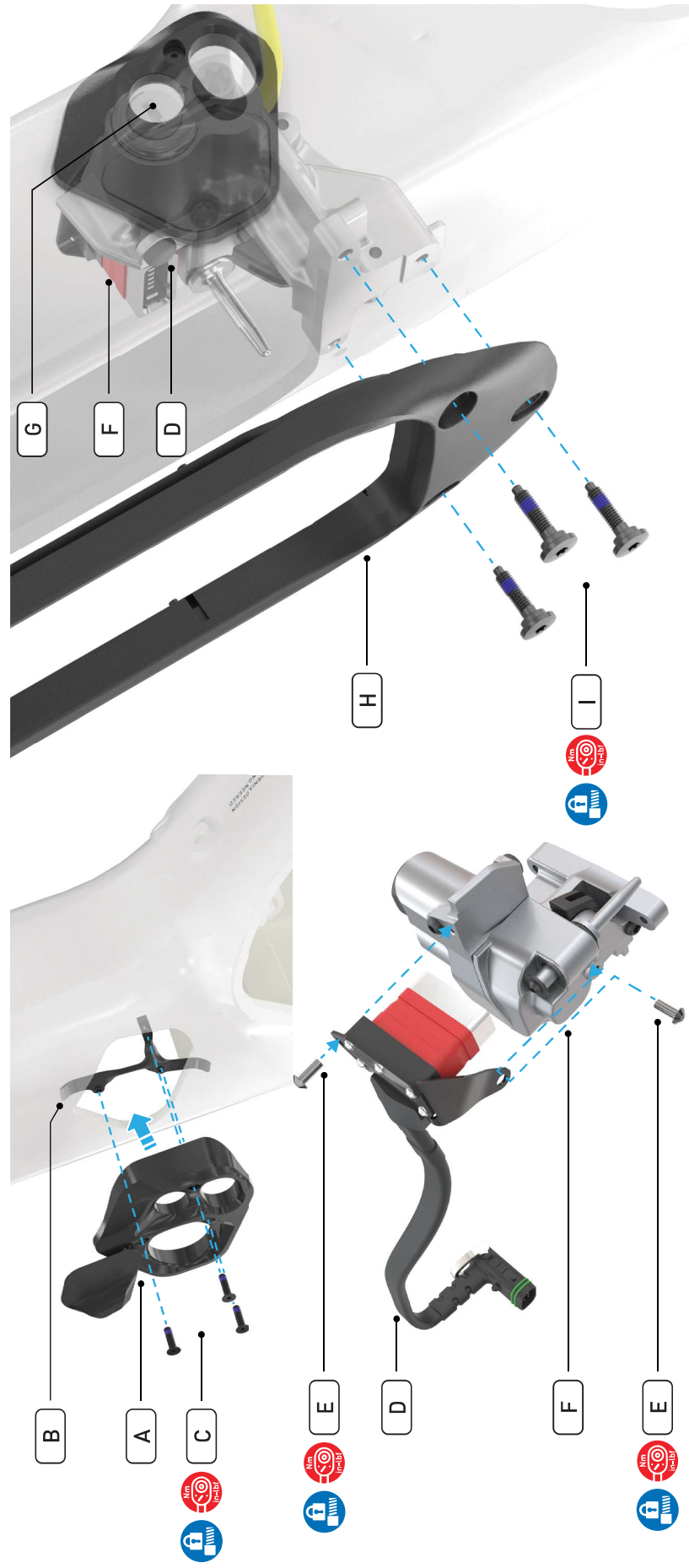
#	PART NAME	PART NUMBER	QTY	SPECIFICATION	TOOL	TORQUE		COMMENTS
						Nm	in-lbf	
A	ICR port universal 2 cable port	S216500008	2	ICR BASE, UNIVERSAL RACETRACK, NYLON, BLK	N/A	N/A	N/A	
B	ICR port screw		2	M3 x 18 mm x 0.5 mm P bolt	T10 Torx	0.8	7	
C	ICR port universal base		2	ICR BASE, UNIVERSAL RACETRACK, NYLON, BLK	N/A	N/A	N/A	

4.7. Down tube cable guide



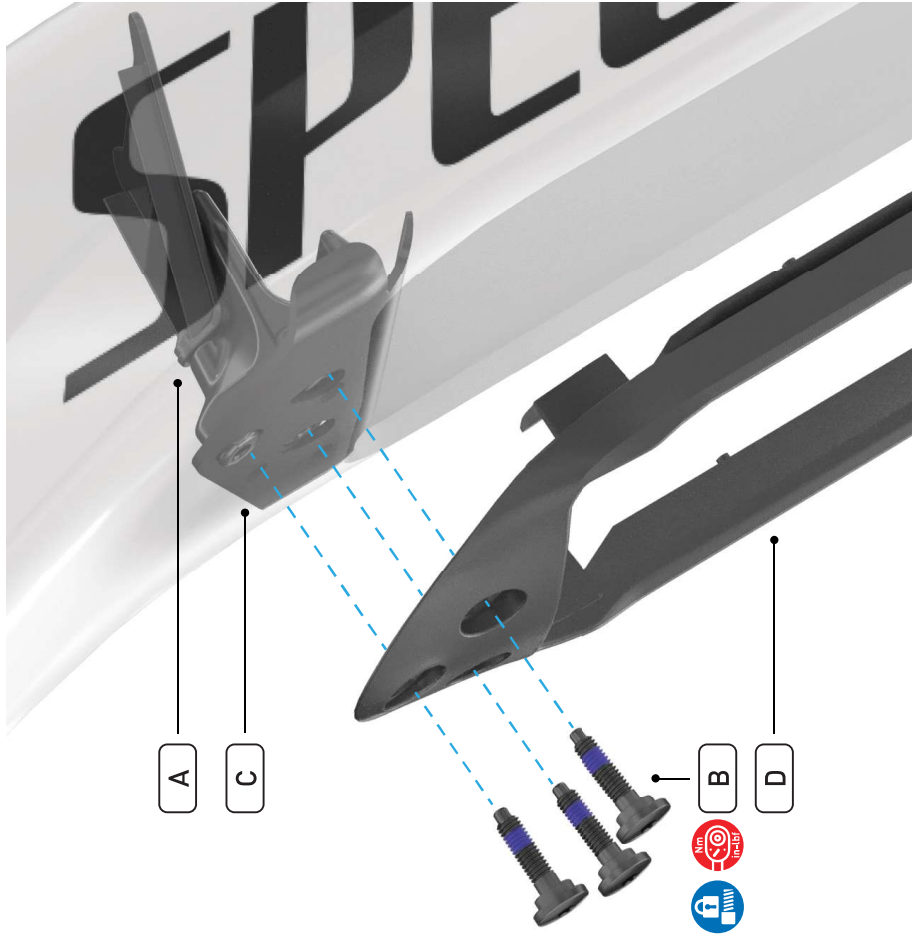
#	PART NAME	PART NUMBER	QTY	SPECIFICATION	TOOL	TORQUE	COMMENTS
	ICR down tube cable guide	Part of kit S216500008	2	ICR,ADH,2X3.5 3X4.0 1X5.0,BLK	N/A	Nm N/A	Self adhesive

4.8. Charge port door and lock mechanism



#	PART NAME	PART NUMBER	QTY	SPEC	TOOL	TORQUE		COMMENTS
A	Battery charge port cover		1	DT COVER, LOCK MECHANISM, ET3	N/A	Nm	N/A	
B	Battery cover mount bracket	S216800035	1	WSHR, CUST, CHARGE DOOR, ET3, SPFC590, BLK	N/A	N/A	N/A	
C	Battery charge port cover screws		3	M2 x 10 mm x 0,45 mm p	1,5 mm hex	1,5	13.2	
D	Motor / battery cable	S216800034	1	ELE MY22 VADO/TERO BATTERY TO MOTOR CABLE	N/A	N/A	N/A	
E	Motor / battery cable bolts		2	M3 x 8 mm x 0,5 mm P	2 mm hex	1	8.8	
F	Lower battery lock mechanism (Abus)	S226800021	1	BTRY MECHANISM ASSY, ABUS, ET3	N/A	N/A	N/A	
G	Lock replacement cylinder + key (Abus)	S226800020	1	ELE MY22 VADO/TERO, BATTERY LOCK, REPLACEMENT LOCK CORE & KEYS, ABUS XPLUS	N/A	N/A	N/A	
H	Down tube battery seal	S229900035	1	SEAL, ET3, DUAL INJECTED, BLK	N/A	N/A	N/A	
I	Battery latch mounting hardware v2	S220500020	3	M4 x 18 mm x 0,7 mm P	T20 Torx	4	35	

4.9. Battery hook and lock



#	PART NAME	PART NUMBER	QTY	SPEC	TOOL	TORQUE		COMMENTS
A	Battery mount upper	S216800040	1	BATTERY HOOK	N/A	Nm	in-lbf	
B	Battery latch mounting hardware v2	S220500020	3	M4 x 18 mm x 0.7 mm p	T20 Torx	3.3	29	
C	Battery lip seal	S229900035	1	LIP,ET3,TPE,BLK	N/A	N/A	N/A	
D	Down tube battery seal		1	SEAL,ET3,DUAL INJECTED,BLK	N/A	N/A	N/A	Version 2
E	Battery lever	ABUS LOCK	1	LEVER,LOCK MECHANISM,ET3	N/A	N/A	N/A	
F	Battery lever bolt	S226800021	1	M4 x 25 mm x 0.7 mm p	3 mm hex	3	26.5	

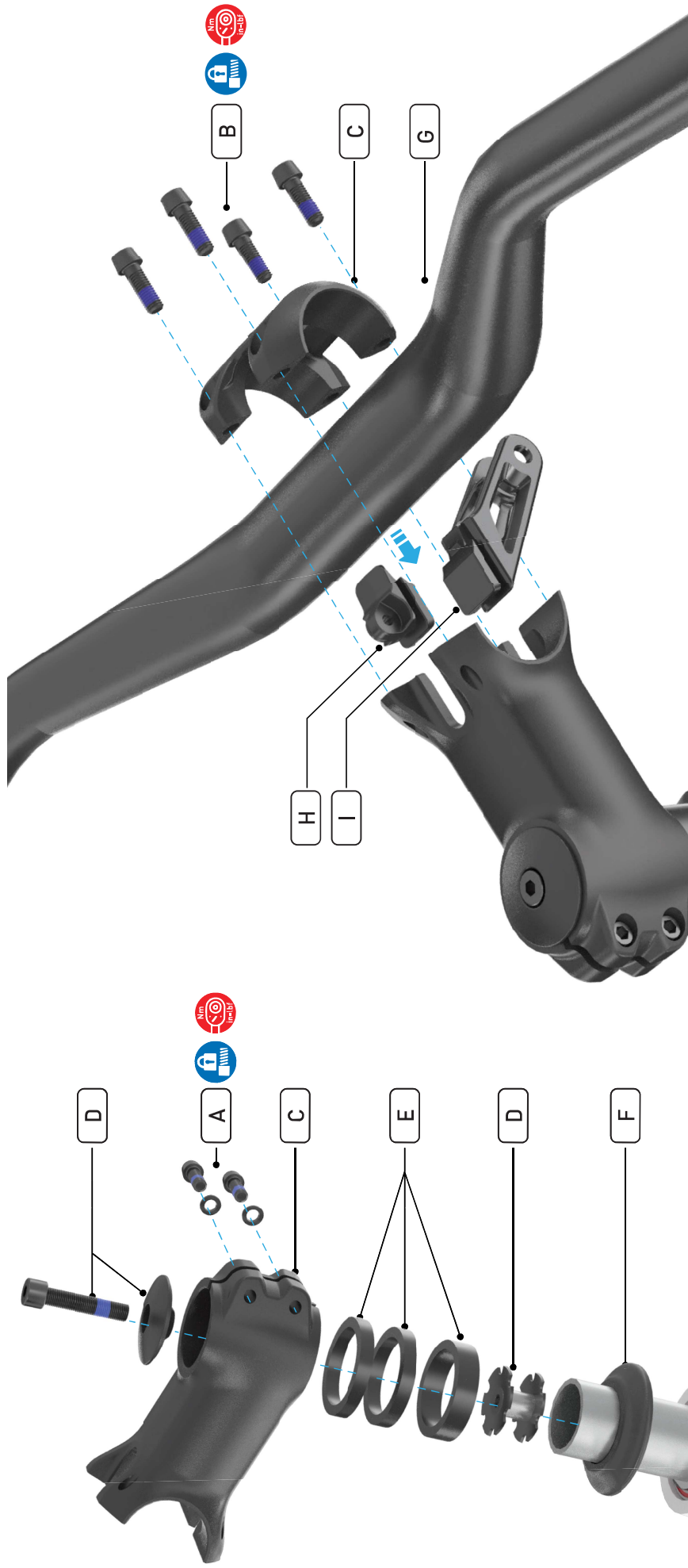
5. COMPONENTS

5.1. Headset



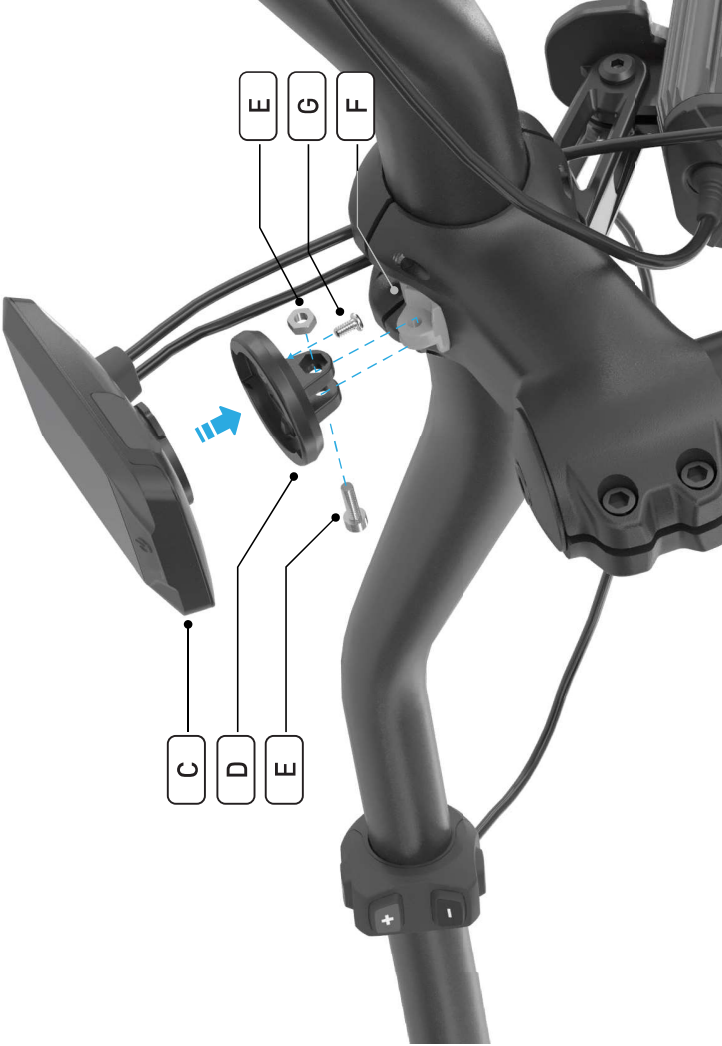
#	PART NAME	PART NUMBER	QTY	SPEC	TOOL	TORQUE		COMMENTS
						Nm	in-lbf	
A	Cone spacer	S212500021	1	H2216 Cone spacer 52.2 mm sand black	N/A	N/A	N/A	
B	Micro spacer		1	Mw006 Tin plate washer	N/A	N/A	N/A	
C	Compression ring		1	H25501 1/8" 45° 10.9 mm Alloy compression ring	N/A	N/A	N/A	
D	Upper bearing		1	MR121 upper 1.125" campy 45° Cartridge bearing	N/A	N/A	N/A	
E	Lower bearing		1	MR127 lower 1.5" campy 36/45° Cartridge bearing	N/A	N/A	N/A	
F	Crown race		1	H6091 Alloy split style crown race	N/A	N/A	N/A	

5.2. Stem



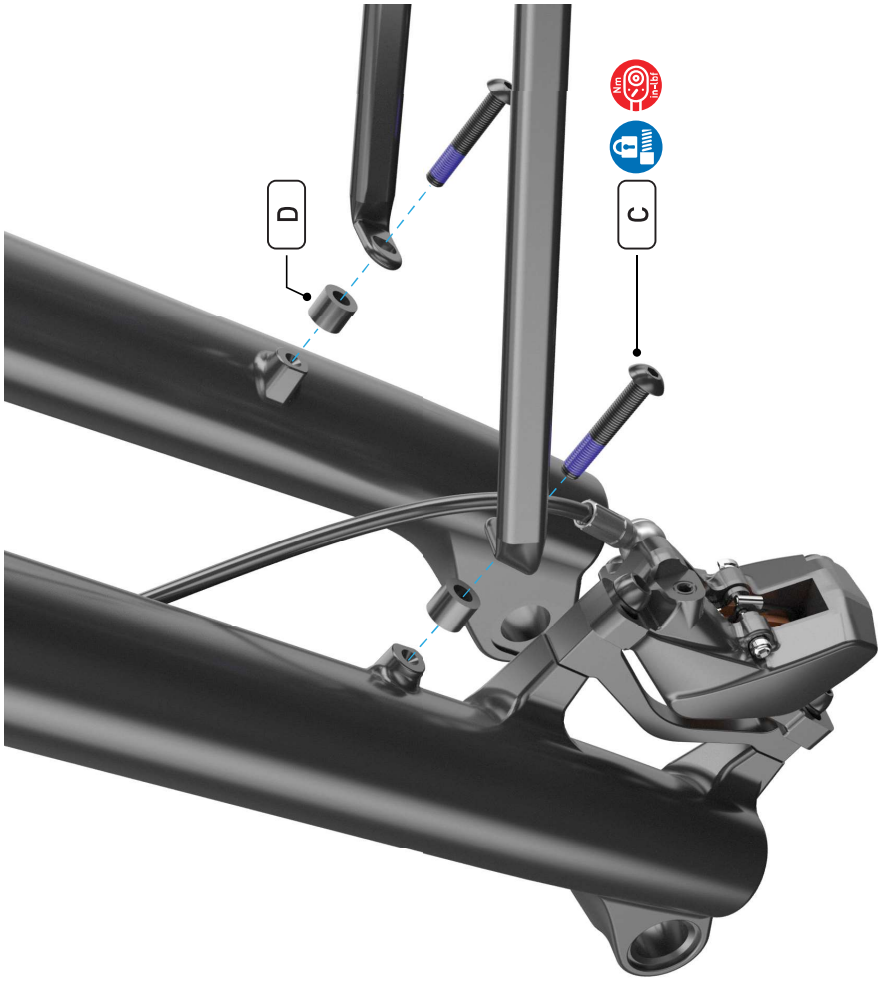
#	PART NAME	PART NUMBER	QTY	SPEC	TOOL	TORQUE	
						Nm	in-lbf
A	Stealth stem steerer bolts & washers		2	M5 x 18 mm bolts and washers	4 mm hex	5.2	46
B	Stealth stem faceplate bolts & washers	S194800003	4	M5 x 16 mm bolts and washers	4 mm hex	5.2	46
C	Stealth stem and faceplate		1	75mm STEM BODY	N/A	N/A	N/A
D	Stealth stem top cap, bolt, and star nut		1	TL-666C-1 HEADSET CAP SANDBLAST BLK / TL-666C-2 STAR NUT / TL-666C-3 M6 30 mm x 1.0 mm P BOLT, SATINLESS CP W/O LOG	5 mm hex	N/A	N/A
E	Stealth stem spacers		3	PRIME AERO AR-28.6-10,ALLOY,10MM, PRIME AERO AR-28.6-10,ALLOY,5 MM	N/A	N/A	N/A
F	Cone spacer	S212500021	1	H2216 Cone spacer 52.2 mm sand black	N/A	N/A	N/A
G	Handlebar	S210800011	1	BAR MY22 TERO JD-MTB445A,LOW RISE,31.8MM,BACK SWEEP 8DEG,RISE 27MM,UP SWEEP 6DEG, 750MM1	N/A	N/A	N/A
H	MasterMind TCD mount adaptor (Stealth stem)	S219900057	1	ADPTR,PA,DOVETAIL	N/A	N/A	N/A
I	Front light mount	S209900077	1	STM SUB, STEALTH STEM, FRONT LIGHT MOUNT INSERT	N/A	N/A	N/A

5.3. MasterMind TCD and front light



#	PART NAME	PART NUMBER	QTY	SPEC	TOOL	TORQUE		COMMENTS
						Nm	in-lbf	
A	Front light Turbo Tero X 6.0 (Shown)	S225800010	1	FRONT LIGHT, LEZYNE, 1-E001-SPHB-B17RU, EBIKE SUPER HB STVZO E1000, UPSIDEDOWN, W/REFLECTOR & SPACER INSIDE GOPRO MOUNT, 1200MM WIRE WITH BROSE CONNECTOR, MATT BLACK W/GLOSS BLACK LOGO	N/A	N/A	N/A	
A	Front light Turbo Tero X 5.0 and 4.0	S225800015	1	FRONT LIGHT, LEZYNE, 1-E001-SPST-B17RU, EBIKE SUPER STVZO E600, UPSIDEDOWN, W/REFLECTOR & SPACER INSIDE GOPRO MOUNT, 1200MM WIRE WITH BROSE CONNECTOR, MATT BLACK W/GLOSS BLACK LOGO	N/A	N/A	N/A	
B	Front light binding post male and female	Included in Kit	1	M4 x 14 mm x 0,7 mm P / M4 x 11 mm x 0,7 mm P male	3 mm hex	N/A	N/A	
C	MasterMind TCD	S216800041	1	ELE TCD-W 2, WIRED DISPLAY WITH REMOTE	N/A	N/A	N/A	
D	MasterMind TCD mount	S219900057	1	CD MOUNT,PA,DOVETAIL V2	N/A	N/A	N/A	
E	MasterMind TCD mount screw and nut		1	M3 X 11.3 mm bolt / M3 sst nut	2.5 mm hex	N/A	N/A	
F	MasterMind TCD mount adaptor (Stealth stem)		1	ADPTR,PA,DOVETAIL	N/A	N/A	N/A	
G	MasterMind TCD security screw		1	M2 x 5 mm x 0,45 mm P, bolt	Phillips screwdriver	N/A	N/A	

5.4. Front fender



#	PART NAME	PART NUMBER	QTY	SPEC	TOOL	TORQUE		COMMENTS
						Nm	in-lbf	
A	Front and rear fender set Turbo Tero X 5.0 / 6.0 - 27.5"	S2222200002	1	FND MY23 TERO X 5.0 & 6.0, 650B, FRONT & REAR FENDER SET W/ MOUNTING HARDWARE	N/A	N/A	N/A	Small frame size only
	Front and rear fender set Turbo Tero X 5.0 / 6.0 - 29"	S2222200003	1	FND MY23 TERO X 5.0 & 6.0, 29, FRONT & REAR FENDER SET W/ MOUNTING HARDWARE	N/A	N/A	N/A	
	Front and rear fender set Turbo Tero X 4.0 - 27.5"	S2222200014	1	FND MY23 TERO X 5.0 & 6.0, 650B, FRONT & REAR FENDER SET W/ MOUNTING HARDWARE	N/A	N/A	N/A	Small frame size only
	Front and rear fender set Turbo Tero X 4.0 - 29"	S2222200013	1	FND MY23 TERO X 5.0 & 6.0, 29, FRONT & REAR FENDER SET W/ MOUNTING HARDWARE	N/A	N/A	N/A	
B	Fender bolt fork bridge	Included in fender kit	1	M4 x 8 mm x 0.7 mm P	4 mm hex	4	35	
C	Fender bolt fork		2	M4 x 8 mm x 0.7 mm P	4 mm hex	4	35	
D	Fender bolt spacer		2	10 mm OD x 5.2 mm ID x 6 mm W	N/A	N/A	N/A	

5.5. Seatpost clamp



#	PART NAME	PART NUMBER	QTY	SPECIFICATION			TORQUE		COMMENTS
A	Seatpost clamp	S214700007	1	STC SPL-SC02-386A-02, 38.6MM EXTRUDED, 7075-T73, BLACK ZINC BOLT, CLAMP TYPE, W/SKIRT FOR SHIMMED FRAMES	TOOL	4 mm hex	Nm	in-lbf	
							6.2	55	

MINIMUM INSERTION

The seatpost must be inserted into the frame deep enough so the minimum insertion/maximum extension (min/max) mark **(C)** on the seatpost is not visible. The frame requires a minimum of 90 mm of insertion **(A)**.

MAXIMUM INSERTION

The seat tube is reamed to a specified maximum insertion depth **(B)** for each frame size. This ream depth limits the insertion depth of the seatpost. If the desired seat height cannot be achieved within the minimum and maximum insertion requirements, the seatpost should be replaced with a shorter or longer one.

	FRAME SIZE					
	S	M	L	XL		
A	90	90	90	90		
B	240	260	260	260		

5.6. Error codes and factory reset



MasterMind TCU equipped models have a built-in diagnostic system to automatically check and identify the functionality of the system. If the system detects an error, the MasterMind TCU will show the error on the display. In some cases, the error message can be dismissed by pushing any button on the remote. Depending on the type of error message, the system may be switched off automatically. If you receive an error message, please restart the system. If the error message continues to display, please contact your Authorized Specialized Retailer for further instructions. In any case, the bicycle can be ridden without motor support with the system turned off.

i Mission Control supports the rider with User Actions for errors and diagnostic reports, which can be shared with retailers who can give further advice based on the bicycle serial number.

MASTERMIND TCU RESET PROCESS:

STANDARD RESET

Standard reset is the first troubleshooting step if an odd bicycle or display behavior occurs, such as failing to connect to MC after a previously successful connection.

Standard reset restores the default Tune settings.

- Press and hold the (+) and (-) buttons for 20 seconds.
- Release the buttons when the MasterMind TCU reboots.

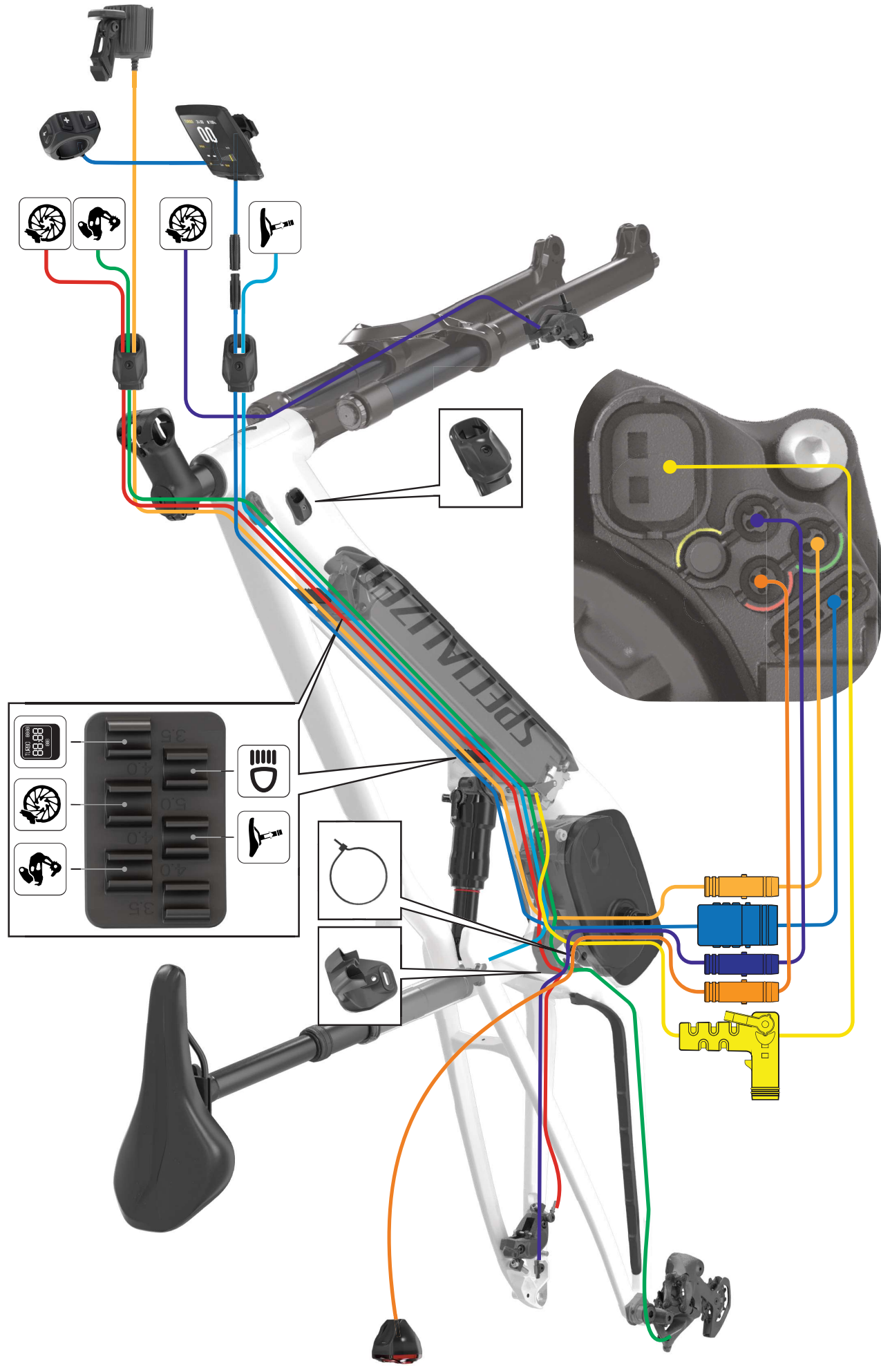
FACTORY RESET

A factory reset should be performed before a new or used bicycle is handed over to a new rider. Factory Reset restores the system to factory settings clearing and resetting previous BLE pairings.

- Press and hold the (+) and (-) buttons for 45 seconds. During this process, the MasterMind TCU will reboot twice.
- Release the buttons when the MasterMind TCU reboots for the second time.

6.1. All cables: Turbo Tero X 6.0





7. SERVICE PARTS

Description		Sbc Sku	Note
Frame components			
HGR SRAM AC UDH DERAILLEUR HANGER AL BLACK (00,7918,089,000)			
HDS COMPLETE, INTEGRATED, 1-1/8" UPPER (45x45), 1.5" LOWER (36x45), 52MM TOP COVER (H2216), W/ CROWN RACE FOR 1.5" TAPERED STEERER (HS-S-02)			
BAR MY22 TERO JD-MTB445A,LOW RISE,31.8MM,BACK SWEEP 8DEG,RISE 27MM,UP SWEEP 6DEG, 750MM			
CBG CABLE CLIP, CLEAN COCKPIT CABLE BINDER, FOR 5MM/4MM CABLES, PLASTIC (1 PCS.) (CB6-185)			
Tero Kickstand			
BLT KIT, KICKSTAND MOUNTING HARDWARE KIT, FOR 362MM KICKSTAND (SZE-120)			
SHK MY24 TERO X, ROCK SHOX DELUXE SELECT PLUS, 190X45MM, W/ MOUNTING HARDWARE (SHAFT: M8x40MM, BODY:M8x40MM) (00,4118,347,296)			
FHB BEAR PAWLS, TA, SHIMANO 10-SPD, STEEL, 3 PAWL (HFH-0001) (BMB-0041201A / BEB-51412P1A)			
FHB BEAR PAWLS, TA, SRAM XD, STEEL, 3 PAWL (HFH-0003) (BMB-0041201C)			
MSC MY22 VADO/TERO HEADTUBE COVER, BLACK / BLACK			
EDC FRONT, L+R SET, TA, 15X110MM, 31MM OD, W/ HUB AXLE, FOR BEAR PAWLS HUB (HRK-0007) (BMB-003310F0)			
EDC FRONT, L+R SET, TA, 15X110MM, 19MM OD, W/ HUB AXLE, FOR BEAR PAWLS HUB (HRK-0008) (BMB-003150F0)			
STM STEALTH STEM, 75MM LENGTH, 31.8MM BAR CLAMP, 14-DEG RISE, FOR 1-1/8" STEERER, STEALTH MOUNT COMAPTIBLE			
STM STEALTH STEM, 60MM LENGTH, 31.8MM BAR CLAMP, 14-DEG RISE, FOR 1-1/8" STEERER, STEALTH MOUNT COMAPTIBLE			
STM STEALTH STEM, 90MM LENGTH, 31.8MM BAR CLAMP, 14-DEG RISE, FOR 1-1/8" STEERER, STELATH MOUNT COMPATIBLE			
STM SUB, STEALTH STEM, MASTERMIND TCD-W 2 DISPLAY STEM MOUNT			
STM SUB, STEALTH STEM, BLANK INSERT FOR UNUSED MOUNTS			
STM SUB, STEALTH STEM, FRONT LIGHT MOUNT INSERT			
PDL TURBO 'SANDPAPER' PEDAL, 9/16" SPINDLE, PLASTIC BODY, W/ GRIP TAPE PLATFORM			
STP JD-SBC04, 34,9,OFFSET 0MM,456MM,TRAVEL 150MM,W/O REMOTE LEVER			
STP JD-SBC04, 34,9,OFFSET 0MM,496MM,TRAVEL 170MM,W/O REMOTE LEVER			
STP JD-SBC04, 34,9,OFFSET 0MM,556MM,TRAVEL 200MM,W/O REMOTE LEVER			
BLT KIT, MY23 TERO X, SUSPENSION PIVOT BOLT KIT (W/ PIVOT SPACERS)			
KIT,AXLE,PA FIT FS A1.1			
SCR,CUST,M8X1.0 X 65,STL,BLK,LCK			
SCR,TX BTN HD,M5X0.8 X 14,ST,BLK			
BLT MY23 TERO X, O-RING FOR MAIN PIVOT AXLE			
BRG KIT, MY23 TERO X, SUSPENSION BEARING KIT			
BRG,BALL,20MM ID X 32MM OD X 7MM W,DBL SLD			
CBG ICR FUNNEL, MY23 TERO X, MAIN PIVOT CABLE FUNNEL, PLASTIC, W/ BOLT KIT,ICR,YOKE PORT,PA FIT FS A1.1			
CHS MY23 TERO X, ALLOY, DISC, THRU AXLE - STN BLACK			
RT,ROAD,PA FIT FS A1.1,ALY			
CSP MY23 TERO X, CHAINSTAY PROTECTOR, BOLT-ON W/ ADHESIVE BACKING			
KIT,C5 PROTECTOR,ROAD,PA FIT FS A1.1			
CRR MY23 TERO X, REAR RACK W/HARDWARE			
RACK, MASSLOAD, SPL-52, REAR RACK, 650B, 20KG, ALUMINUM, MY22 COMO SUV			
CRR SUB, REAR RACK, PANNIER SPACERS, 5MM CLAMP, W/ BOLTS (2PCS)			
SUB REMOTE LEVER SPL-SRL-MY17-BK-OE MY17 CP SRL LE			
FRK ROCKSHOX, RECON RL, 27.5", 130MM TRAVEL, 15X110MM, DISC, POST MOUNT, 37MM OFFSET, TAPERED STEERER - BLACK			
SRAM FS RCNS RL 27F SB 130 EDFB FB 37T D1			
FRK ROCKSHOX, RECON RL, 27.5", 130MM TRAVEL, 15X110MM, DISC, POST MOUNT, 37MM OFFSET, TAPERED STEERER - BLACK			
Turbo Tero X 6.0 Models, can be used on 5.0 & 4.0			
Turbo Tero X 4.0 & 5.0 Models			
Turbo Tero X 6.0 Models			
All Models			
98922-3006			
Turbo Tero X 4.0 & 5.0 Models			
Turbo Tero X 6.0 Models			
All Models			
All Models - OE Spec			
All Models - Compatible			
All Models & Sizes - OE Spec			
Compatible			
Compatible			
All Models			
All Models			
All Models			
Turbo Tero X 4.0 & 5.0 Models - 27.5" Models Small frame size			
Turbo Tero X 4.0 & 5.0 Models - 29" Models Medium frame size			
Turbo Tero X 4.0 & 5.0 Models - 29" Models Large and X-large frame size			
Axle Kit , Front & rear shock bolts , axle cap , axle pinch bolt			
Updated NDS main pivot axle O-ring			
MAIN PIVOT			
All models			
Black / Smoke All models			
All models			
Replacement part, ships with rack			
All Models			
All Models			
Turbo Tero X 4.0 - 27.5" Models: Small frame size only			
Turbo Tero X 4.0 - 29" Models			

FRK ROCKSHOX, LYRIK SELECT+, 27.5", 130MM TRAVEL, 15X110MM, DISC, POST MOUNT, 37MM OFFSET, TAPERED STEERER - BLACK SRAM FS LYRK SEL+ RC 27F SB 130 EDFBST 37 C3	S232300002	Turbo Tero X 6.0 / 5.0 - 27.5" Models: Small frame size only
FRK ROCKSHOX, LYRIK SELECT+, 29", 130MM TRAVEL, 15X110MM, DISC, POST MOUNT, 44MM OFFSET, TAPERED STEERER - BLACK SRAM FS LYRK SEL+ RC 29F SB 130 EDFBST 44 C3	S232300003	Turbo Tero X 6.0 / 5.0 - 29" Models
FND MY23 TERO X 5.0 & 6.0, 650B, FRONT & REAR FENDER SET W/ MOUNTING HARDWARE FENDER SET, SUNNYWHEEL, 0000160283, DRYTECH 65C FENDER, F+R,ALU,BLK FINISH, 650B, SUSPENSION FORK, SRAM FS RCNS RL 27F, OVAL ALLOY STAY, BLACK FINISH, LEZNYE ALERT REAR LIGHT, FOR MY22 VADO X	S222200003	Turbo Tero X 5.0 / 6.0 - 27.5" models: Small frame size only
FND MY23 TERO X 5.0 & 6.0, 29, FRONT & REAR FENDER SET W/ MOUNTING HARDWARE FENDER SET, SUNNYWHEEL, 0000158762, DRYTECH 65C FENDER, F+R,ALU,BLK FINISH, 700C F+650B R, SUSPENSION FORK, SRAM FS RCNS RL 29F, OVAL ALLOY STAY, BLACK FINISH, LEZNYE ALERT REAR LIGHT, FOR MY22 VADO X	S222200002	Turbo Tero X 5.0 / 6.0 - 29" Models
FND MY23 TERO X 4.0, 650B, FRONT & REAR FENDERSET W/ MOUNTING HARDWARE FENDER SET, SUNNYWHEEL, 0000160283, DRYTECH 65C FENDER, F+R,ALU,BLK FINISH, 650B, SUSPENSION FORK, SRAM FS RCNS RL 27.9F, OVAL ALLOY STAY, BLACK FINISH, LEZNYE ALERT REAR LIGHT, FOR VADO X	S2222000014	Turbo Tero X 4.0 - 27.5" Models: Small frame size only
FND MY23 TERO X 4.0, 29, FRONT & REAR FENDERSET W/ MOUNTING HARDWARE FENDER SET, SUNNYWHEEL, 0000189017, DRYTECH 65C FENDER, F+R,ALU,BLK FINISH, 700C F+650B R, SUSPENSION FORK, SRAM FS RCNS RL 29F, OVAL ALLOY STAY, BLACK FINISH, LEZNYE ALERT REAR LIGHT, FOR VADO X	S2222000013	Turbo Tero X 4.0 - 29" Models
LGT REAR, LEZNYE, ALERT STVZO, FENDER MOUNTED, W/ 1400MM BROSE LIGHT WIRE REAR LIGHT, LEZNYE,1-E001-RFNDSTAL-BS, EBIKE FENDER ALERT REAR, 1400MM WIRE WITH BROSE CONNECTOR	S2258000011	All Models
LGT FRONT, LEZNYE, SUPER HB STVZO E1000, INVERTED STEM MOUNT, W/ WIRED REMOTE & 1200MM BROSE LIGHT WIRE FRONT LIGHT, LEZNYE,1-E001-SPHB-B17RU, EBIKE SUPER HB STVZO E1000, UPSIDEDOWN, W/REFLECTOR & SPACER INSIDE GOPRO MOUNT, 1200MM WIRE WITH BROSE CONNECTOR, MATT BLACK W/GLOSS BLACK LOGO	S2258000010	Turbo Tero X 6.0 Models
STC SPL-SC02-386A-02.38,6MM EXTRUDED.7075-T73, BLACK ZINC BOLT,CLAMP TYPE W/SKIRT FOR SHIMMED FRAMES	S214700007	All Models (some sizes use 720mm bar)
AXL REAR, MTN BOOST THRU-AXLE, 12X148MM, BOLT-ON, 6MM HEX HEAD, M12X1.0PX174.5MM, BLACK (QR43N)	S220200002	All Models
RIM MY19 TRAVERSE, 29, FRONT & REAR, ALLOY, 28H, 30MM INTERNAL (RIM-665) - BLACK W/ CHARCOAL DCL	S193700004	All Models
RIM MY19 TRAVERSE, 27.5, FRONT & REAR, ALLOY, 28H, DISC, 30MM INTERNAL (RIM-670) - BLACK DCL	S193700010	All Models
Drivetrain and battery		
Specialized U2-710 Battery (Service-AM) Single pack	98921-5634	All Models
ELE WIRING, BROSE SPEED SENSOR CABLE (V2), 650MM LENGTH	S216800025	All Models
CBG VADO/COMO (GEN.2), SPEED SENSOR CABLE GUIDE	S216800038	All Models
ELE MAGNET, 6-BOLT SPEED SENSOR MAGNET, LOW PROFILE, W/BOLTS	S194200016	All Models
ELE TCD-W 2, WIRED DISPLAY WITH REMOTE	S216800041	All Models
ELE MY22 SPECIALIZED DRIVE C MAG HORIZONTAL, 28MPH	S216800027	Turbo Tero X 4.0
ELE MY22 SPECIALIZED DRIVE T MAG HORIZONTAL, 28MPH	S216800029	Turbo Tero X 5.0
ELE MY22 SPECIALIZED DRIVE S MAG HORIZONTAL, 28MPH	S216800028	Turbo Tero X 6.0
CRK O-RING, 23.5X2.4MM, DS, TURBO, BROSE MOTORS	S221600011	All Models
ELE EBIKE BROSE MOTOR LIGHT SOCKETS BLIND PLUGS	S216800024	All Models
SPR SUB, BROSE MOTOR, SPIDER LOCKRING	S166800011	All Models
ELE MY19 LEVO FSR, CABLE FOR MOTOR TT-DISPLAY,BROSE MOTOR HMI	S194200010	All Models
ELE MY22 VADO/TERO BATTERY TO MOTOR CABLE	S216800034	All Models
ELE MY22 VADO/TERO CHARGE PORT COVER W/ LATCH	S216800035	All Models
ELE MY22 VADO/TERO, LOWER BATTERY MOUNT & LOCK ASSY, ABUS XPLUS, W/ HARDWARE	S226800021	All Models
ELE MY22 VADO/TERO, BATTERY LOCK, REPLACEMENT LOCK CORE & KEYS, ABUS XPLUS	S226800020	All Models
ELE MY22 VADO/TERO UPPER BATTERY MOUNT W/HARDWARE	S216800040	All Models
MSC MY22 VADO/TERO DOWN TUBE BATTERY COVER, V2	S229900035	Version 2
BLT MY22 VADO/TERO BATTERY LATCH MOUNTING HARDWARE, V2	S220500020	All Models
MSC MY22 VADO/TERO MOTOR COVER KIT	S219900056	All Models
BLT MY22 VADO/TERO BATTERY LATCH MOUNTING HARDWARE ABUS XPLUS	S226800021	All Models

BLT MY22 VADO/TERO FRAME LOCK HARDWARE KIT	S210500016	All Models
CBG MY22 VADO/TERO CABLE ROUTING KIT	S216500008	All Models
ELE MOTOR, MY23 TERO X, MOTOR MOUNTING BRACKET (NON-DRIVE SIDE) BRACKET,ROAD,PA FIT FS A1.1,STEEL	S236800003	All Models
BLT KIT, MY23 TERO X, MOTOR MOUNTING HARDWARE KIT NUT,FLG,M8X1.25,BLK,LCK WSHR,FLAT,M8.8,4 IDX16 ODX1.6 THK,SST,BLK SCR,SKT HD CAP,L,P,M8X1.25 X 50,STL,BLK	S230500004	All Models
CHR SRAM CHAINRING EAGLE 38T 104BCD AL EMTB W/BOLTS (00.6218,011.008) SRAM CR EAGLE 38T 104BCD AL EMTB W/BOLTS	S221400002	All Models
CHG MY23 TERO X, CHAINGUIDE KIT,CHN GUIDE,PA FIT FS A1.1	S221200001	All Models
SPR TURBO, BROSE MOTOR SPIDER, 104 BCD, 4-BOLT, ALLOY (V2)	S195100001	All Models
CRK TURBO, BROSE ISIS SPLINE (G2), 170MM, DRIVE-SIDE ARM, ALLOY, PRAXIS	S211600027	All 29" Models
CRK TURBO, BROSE ISIS SPLINE (G2), 170MM, NON-DRIVE SIDE ARM, ALLOY, PRAXIS	S211600028	All 29" Models
CRK TURBO, BROSE ISIS SPLINE (G2), 165MM, DRIVE-SIDE ARM, ALLOY, PRAXIS	S201600021	All 27,5" Models: Small frame size only
CRK TURBO, BROSE ISIS SPLINE (G2), 165MM, NON-DRIVE SIDE ARM, ALLOY, PRAXIS	S201600022	All 27,5" Models: Small frame size only