

ÜBERSICHTSZEICHNUNG ASSEMBLY DRAWING

GHOSH

E-ASX 130 UNIVERSAL



E-ASX 130 ESSENTIAL



E-ASX 160 UNIVERSAL



E-ASX 160 ESSENTIAL



E-ASX 130 UNIVERSAL / ESSENTIAL (MY24)

E-ASX 160 UNIVERSAL / ESSENTIAL (MY24)

ÜBERSICHTSZEICHNUNG

ASSEMBLY DRAWING

Spare Part Kits:

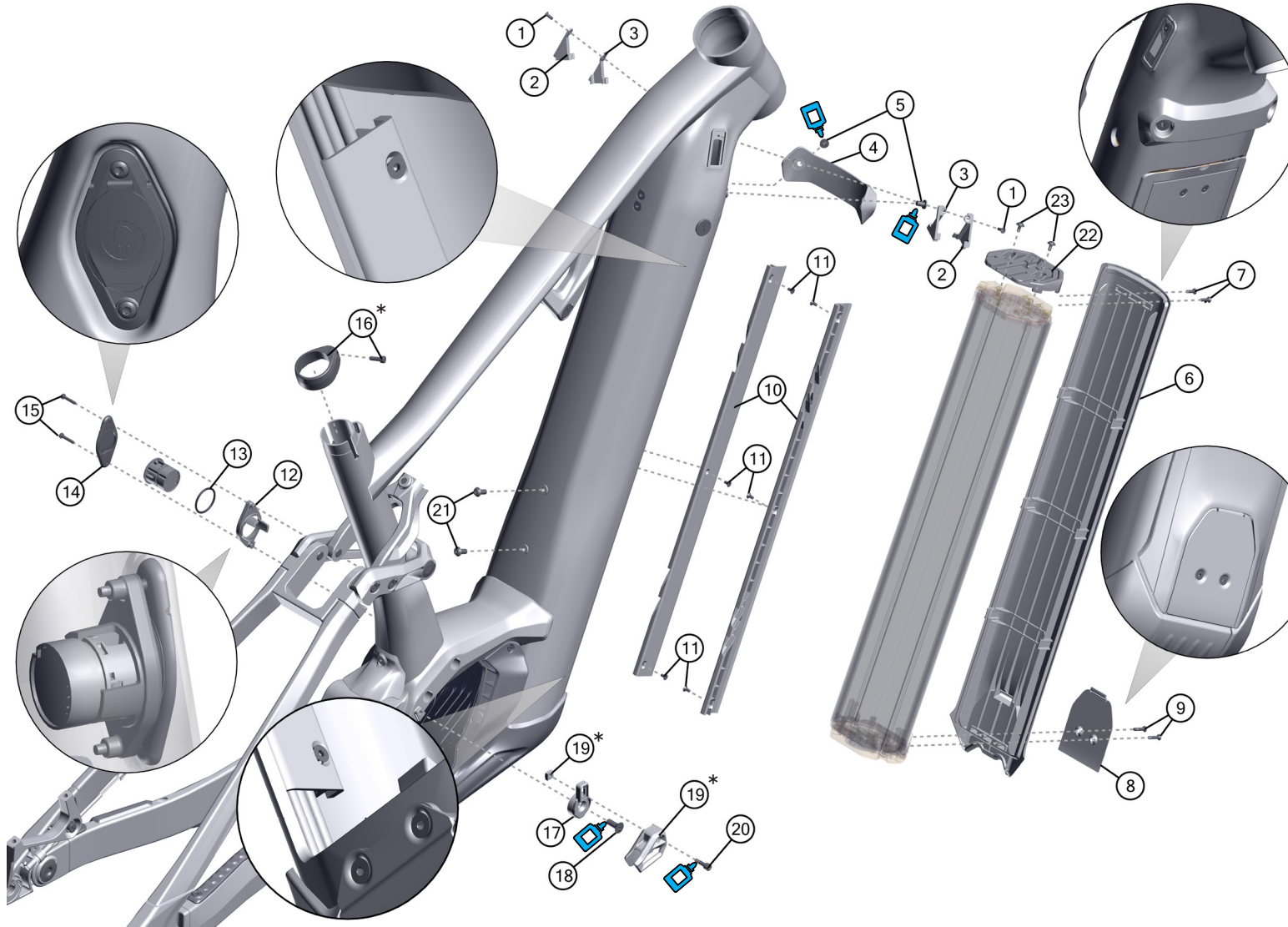
GHOST

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ÜBERSICHTSZEICHNUNG

ASSEMBLY DRAWING front triangle

GHOST



Hinweis: Bei den Schrauben muss mittelfeste Gewindesicherung verwendet werden.
Rote Flächen müssen gefettet werden.

Note: use medium strength screw lock for screw threads.
red surfaces has to be greased.



➤ medium strength screwlock

ÜBERSICHTSZEICHNUNG

ASSEMBLY DRAWING front triangle

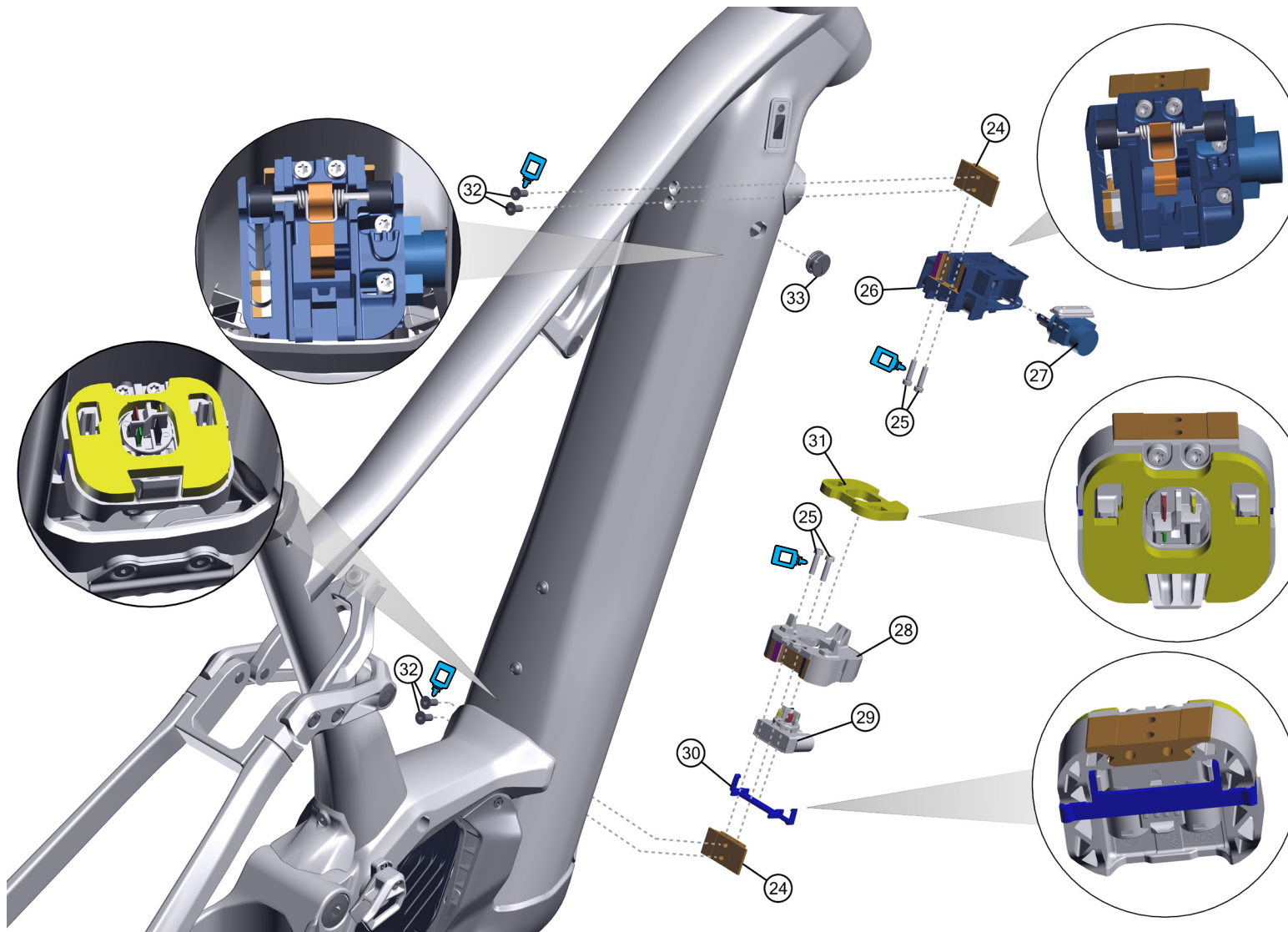
GHOST

BOM-ID	Item nr.	QTY	Description	Specification	Torque
1	FRSC0136 (09105131)	2x	Counter sunk screw	IS2 - M3 x 6 mm	1 Nm
2	FROT0170 (10010540)	2x	Cable inlets left side		
3	FROT0169 (10010539)	2x	Cable inlets right side		
4	FRPR0084 (53100915)	1x	Fork bumper		
5	FRSC0102 (09105212)	2x	Lens head screw	IS3 - M5 x 8 mm	2 Nm
6	COV0012 (65228008)	1x	Battery cover		
7	FRSC0137 (09105135)	2x	Counter sunk screw	IS2 - M3 x 12 mm	1 Nm
8	FROT0230 (65228006)	1x	Battery metal skidplate		
9	FRSC0156 (09103015)	2x	Counter sunk screw (stainless steel)	IS2 - M3 x 16 mm	1 Nm
10	RAI0002 (53100920)	2x	Cable guide		
11	FRSC0153 (09105160)	6x	Counter sunk screw	IS2.5 - M4 x 6 mm	1 Nm
12	FROT0212 (53100999)	1x	Charge port frame		
13	ELOT0007 (02009052)	1x	O-ring charge port		
14	FROT0097 (53100913)	1x	Charge port cover		
15	FRSC0143 (09105130)	2x	Lens head screw	TX10 - M3 x 16 mm	1 Nm
16*	SC0008 (10010533)	1x	Seatclamp (set incl. screw)	Ø 34,9 mm	
16*	SC0008 (10010533)	1x	Cylinder head screw (set incl. seatclamp)	IS4 - M5 x 12 mm	6 Nm
17	FROT0235 (53100978)	1x	Chain guide bracket		
18	FRSC0157 (09105213)	1x	Lens head screw (stainless steel)	IS4 - M6 x 10 mm	5 Nm
19*	CG0022 (53100922)	1x	Chain guide (set incl. screw, spacer and nut)		
19*	CG0022 (53100922)	1x	Square nut (set incl. chain guide, spacer and screw)	M4	
20	FRSC0203 (53100922)	1x	Cylinder head screw (flat head)	IS2.5 - M4 x 16 mm	3 Nm
21	SM1673 (00225401)	2x	Lens head screw	TX25 - M5 x 6 mm	6 Nm
22	FRSC0124 (02006236)	1x	Screw-on plate		
23	FRSC0123 (02006237)	2x	Screw for screw-on plate	TX15 - M3 x 7 mm	1.2 Nm

ÜBERSICHTSZEICHNUNG

ASSEMBLY DRAWING battery mount

GHOST



Hinweis: Bei den Schrauben muss mittelfeste Gewindesicherung verwendet werden. Rote Flächen müssen gefettet werden.

Note: use medium strength screw lock for screw threads. red surfaces has to be greased.



➤ medium strength screwlock

ÜBERSICHTSZEICHNUNG

ASSEMBLY DRAWING battery mount

GHOST

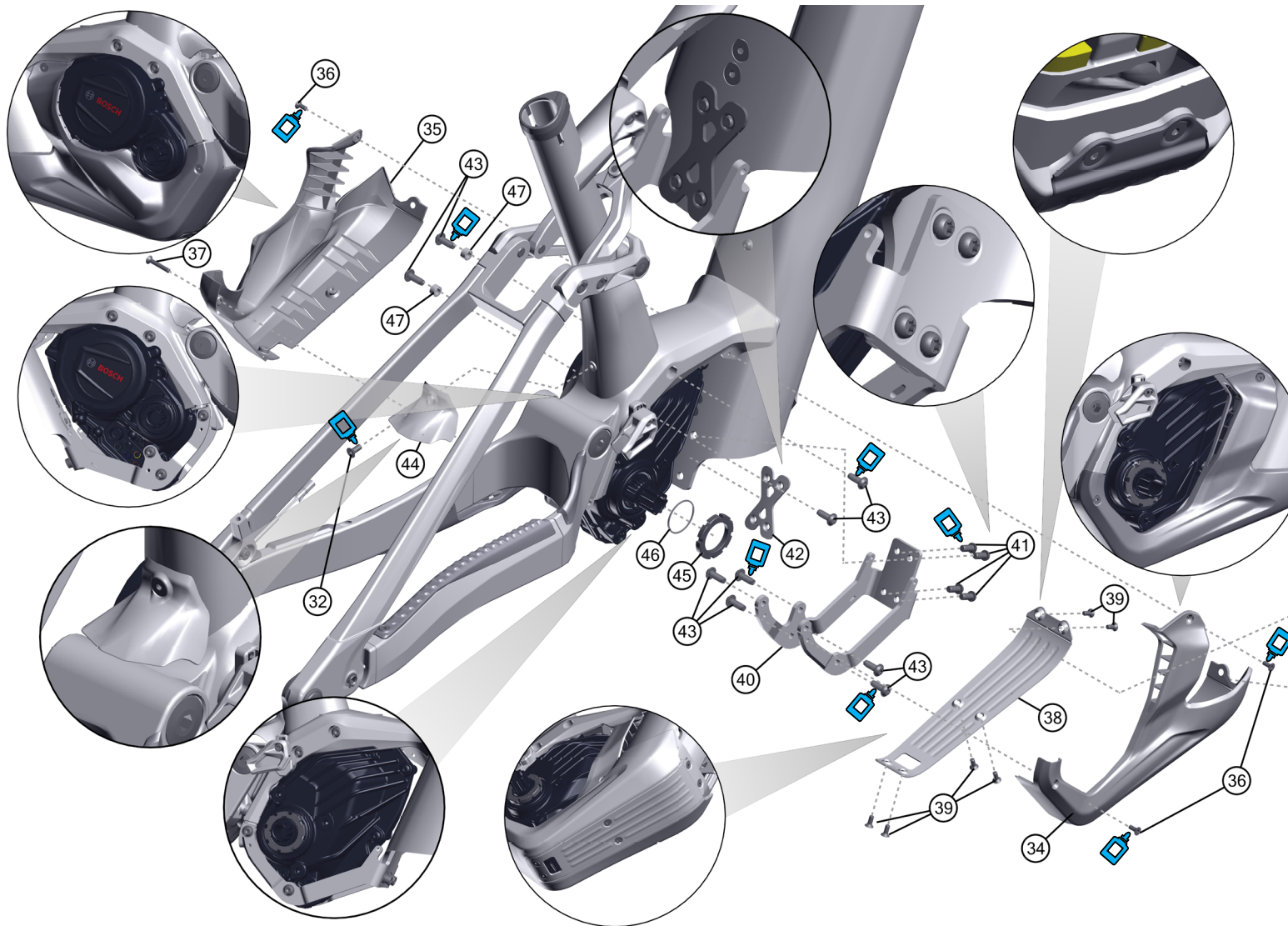
BOM-ID	Item nr.	QTY	Description	Specification	Torque
24	FROT0234 (65228007)	2x	Battery holder adapter		
25	FRSC0121 (02006251)	4x	Screw for battery holder adapter	TX20 - M4 x 16 mm	3 Nm
26	LO0006 (02006238)	1x	Locking assembly		
27	LO0007 (94092051)	1x	Battery lock	IT3 XPLUS	
28	ELOT0003 (02006239)	1x	Cradle		
29	ELOT0006 (02006242)	1x	Battery adapter		
30	ELOT0008 (02006245)	1x	Clamp ring		
31	ELOT0005 (02006240)	1x	Damper foil poron plug		
32	FRSC0141 (09103098)	4x	Counter sunk screw	IS3 - M5 x 12 mm	6 Nm
33	FROT0215 (53100944)	1x	Rubber ring		

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ASSEMBLY DRAWING

motor cover

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➤ medium strength screwlock

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ASSEMBLY DRAWING motor cover

GHOST

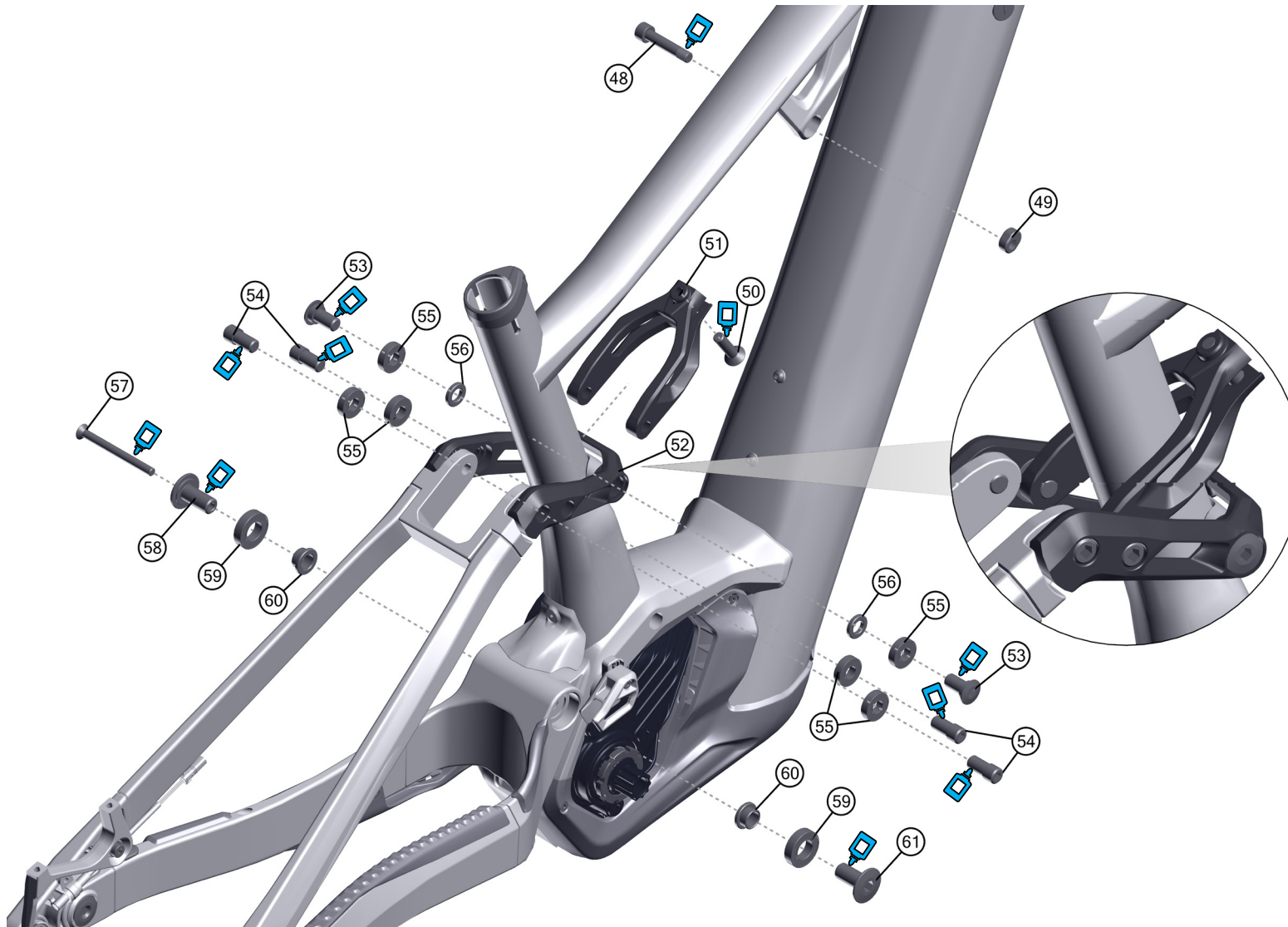
BOM-ID	Item nr.	QTY	Description	Specification	Torque
32	FRSC0141 (09103098)	1x	Counter sunk screw	IS3 - M5 x 12 mm	2 Nm
34	COV0011 (65228013)	1x	Motor cover right		
35	COV0010 (65228012)	1x	Motor cover left		
36	FRSC0138 (09103097)	3x	Counter sunk screw	IS2.5 - M4 x 12 mm	2 Nm
37	FRSC0139 (09105134)	1x	Counter sunk screw	IS2.5 - M4 x 25 mm	2 Nm
38	FROT0229 (65228005)	1x	Motor metal skidplate		
39	FRSC0155 (09103024)	6x	Counter sunk screw (stainless steel)	IS2.5 - M4 x 10 mm	2 Nm
40	FROT0231 (65228011)	1x	Motor bracket		
41	FRSC0204	4x	Lens head screw	TX30 - M6 x 12 mm	11 Nm
42	FROT0232 (65228009)	1x	Motor bracket Xplate		
43	FRSC0125 (02006244)	9x	Screw for mounting connection plate	TX30 - M6 x 16 mm	10 Nm
44	FRPR0081 (53100919)	1x	Mudguard		
45	FROT0180 (02006143)	1x	Lockring for BDU4XX		
46	FROT0181 (02006144)	1x	O-Ring		
47	FROT0233 (65228010)	2x	Motor bushing		

ÜBERSICHTSZEICHNUNG

ASSEMBLY DRAWING

rocker

GHOST



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➤ medium strength screwlock

ÜBERSICHTSZEICHNUNG

ASSEMBLY DRAWING

rocker

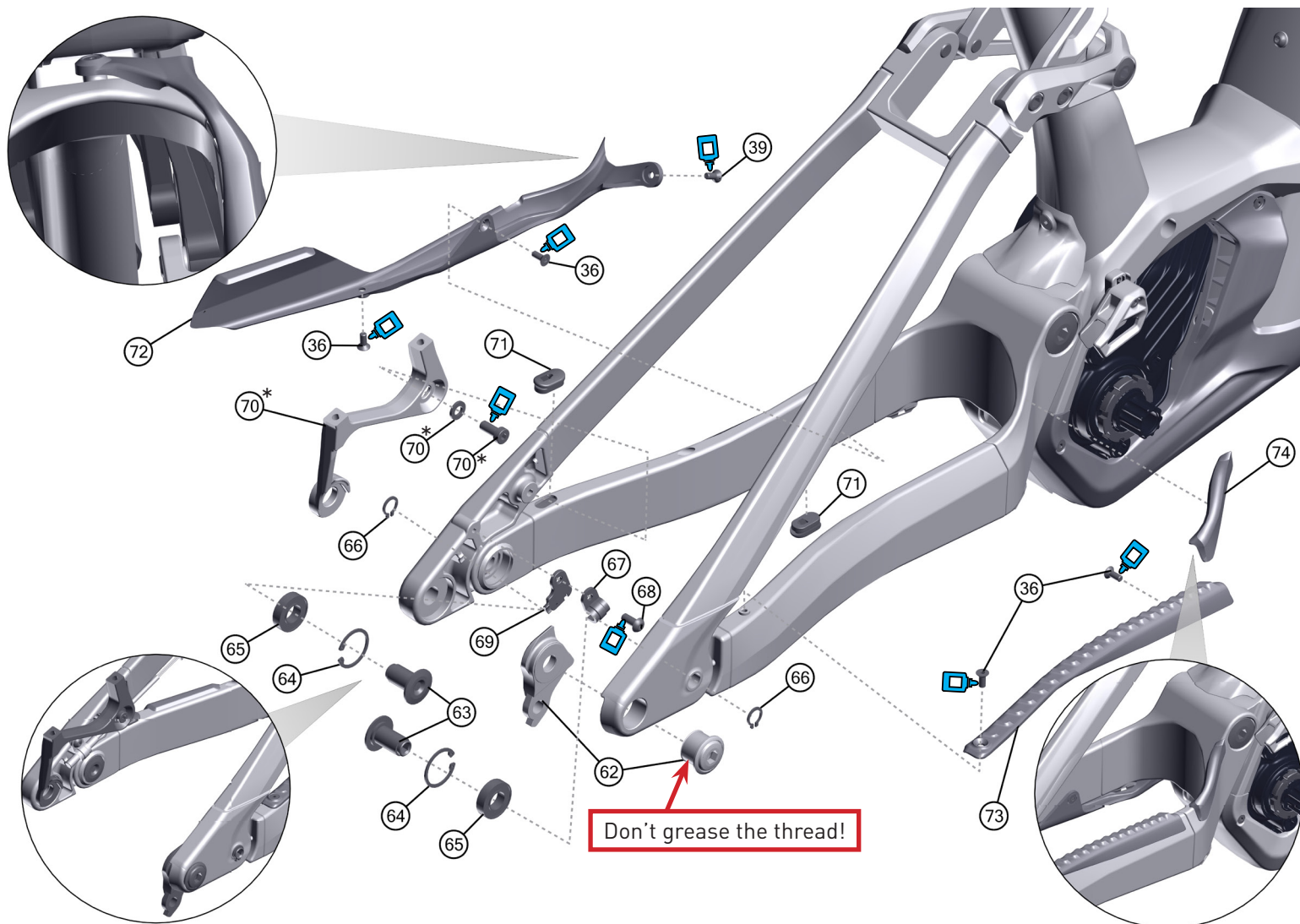
GHOST

BOM-ID	Item nr.	QTY	Description	Specification	Torque
48	FRSC0171	1x	Shockmount screw (cylinder head)	IS6 - M8 x 40 mm	10 Nm
49	FRNT0055	1x	Shockmount nut	M8	
50	FRSC0172	1x	Shock-link-top screw (counter sunk)	IS5 - M8 x 30 mm	10 Nm
51	FRR00005	1x	Rocker link-top		
52	FRR00006	1x	Rocker link		
53	FR0T0125	2x	Link-top screw	IS6 - M10 x 17.5 mm	14 - 18 Nm
54	FR0T0126	4x	Link screw	IS6 - M10 x 17 mm	14 - 18 Nm
55	FR0T0119	6x	Link bearing	S&S 6900-2RS 22x10x6 mm	
56	FRSP0005	2x	Link-top spacer	Ø 18 x 10.1 x 3.5 mm	
57	FRSC0173	1x	Main pivot locking screw (counter sunk)	IS4 - M6 x 70 mm	6 Nm
58	FRSC0174	1x	Main pivot screw left	IS8 - M12 x 25 mm	18 - 20 Nm
59	FR0T0128	2x	Main pivot bearing	S&S 6902-2RS 28x15x7 mm	
60	FR0T0258	2x	Main pivot bushing	Ø 14.98 x 12 x 3 mm	
61	FRSC0175	1x	Main pivot screw right	IS8 - M12 x 25 mm	18 - 20 Nm

ÜBERSICHTSZEICHNUNG

ASSEMBLY DRAWING rear triangle

GHOST



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➤ medium strength screwlock

ÜBERSICHTSZEICHNUNG

ASSEMBLY DRAWING rear triangle

GHOST

BOM-ID	Item nr.	QTY	Description	Specification	Torque
36	FRSC0138 (09103097)	4x	Counter sunk screw	IS2.5 - M4 x 12 mm	1 Nm
39	FRSC0155 (09103024)	1x	Counter sunk screw (stainless steel)	IS2.5 - M4 x 10 mm	1 Nm
62	FRHG0061 (10013579)	1x	UDH derailleur hanger + nut	Don't grease the thread!	25 Nm
63	FROT0141	2x	Chainstay screw	IS6 - M12 x 20.8 mm	14 - 18 Nm
64	FRWS0048	2x	Bearing circlip	Ø 24 mm	
65	FROT0136	2x	Chainstay bearing	S&S 6901-2RS 24x12x6 mm	
66	FRWS0049	2x	Screw circlip	Ø 10 mm	
67	EL0276 (02006191)	1x	Clip holder		
68	EL0277 (02006192)	1x	Screw		1 Nm
69	ELOT0011 (53100989)	1x	Speed sensor spacer (SHIMANO rotor only)		
70*	FROT0171 (W9401194)	1x	Rear brake mount adapter (set incl. screw, spacer and washer)		
70*	FROT0171 (W9401194)	1x	Cylinder head screw (set incl. rear brake mount adapter, spacer and washer)	IS5 - M6 x 16 mm	11 Nm
70*	FROT0171 (W9401194)	1x	Washer (set incl. rear brake mount adapter, spacer and screw)	ø 6,4 mm	
71	FROT0154 (W9401139)	2x	Cable rubber	SW415	
72	FRPR0082 (53100918)	1x	Chainstay protector left side		
73	FRPR0083 (53101278)	1x	Chainstay protector right side rear		
74	FRPR0080 (53100916)	1x	Chainstay protector right side front		

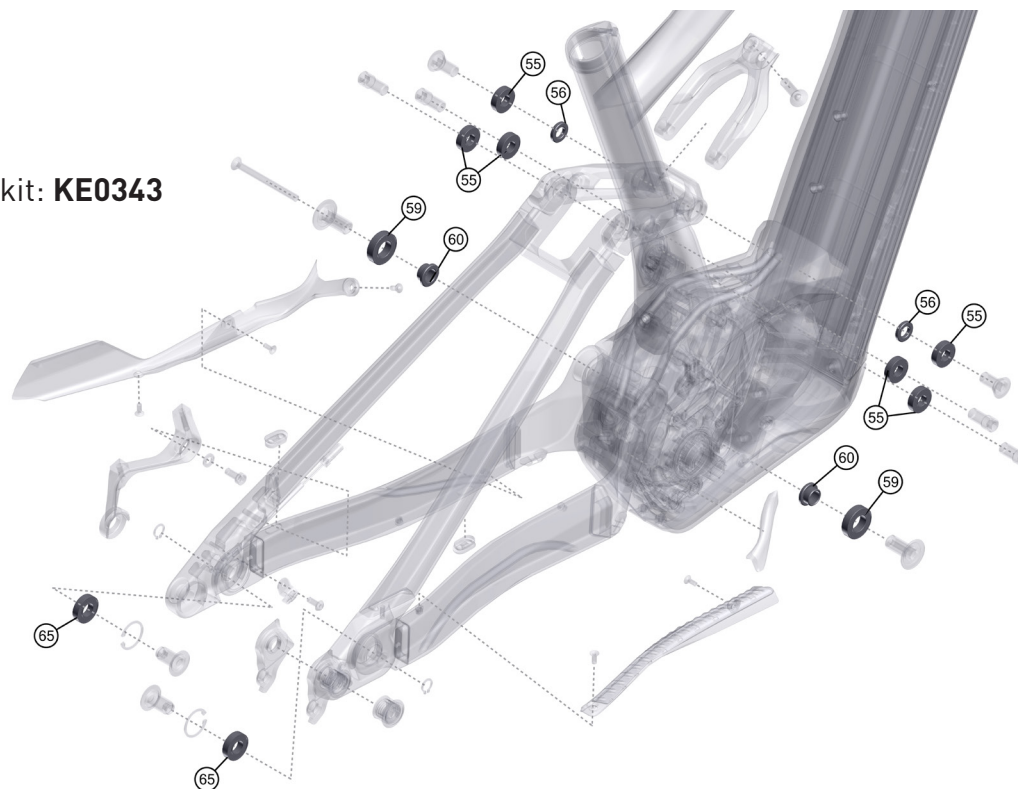
ÜBERSICHTSZEICHNUNG

ASSEMBLY DRAWING bearing kit

GHOST

BOM-ID	Item nr.	QTY	Description	Specification	Torque
	KE0343	1x	Bearing kit		
55	FROT0119	6x	Link bearing	S&S 6900-2RS 22x10x6 mm	
56	FRSP0005	2x	Link-top spacer	Ø 18 x 10.1 x 3.5 mm	
59	FROT0128	2x	Main pivot bearing	S&S 6902-2RS 28x15x7 mm	
60	FROT0258	2x	Main pivot bushings	Ø 14.98 x 12 x 3 mm	
65	FROT0136	2x	Chainstay bearing	S&S 6901-2RS 24x12x6 mm	

Item no. bearing kit: **KE0343**



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date: 17-05-2024

version: 01

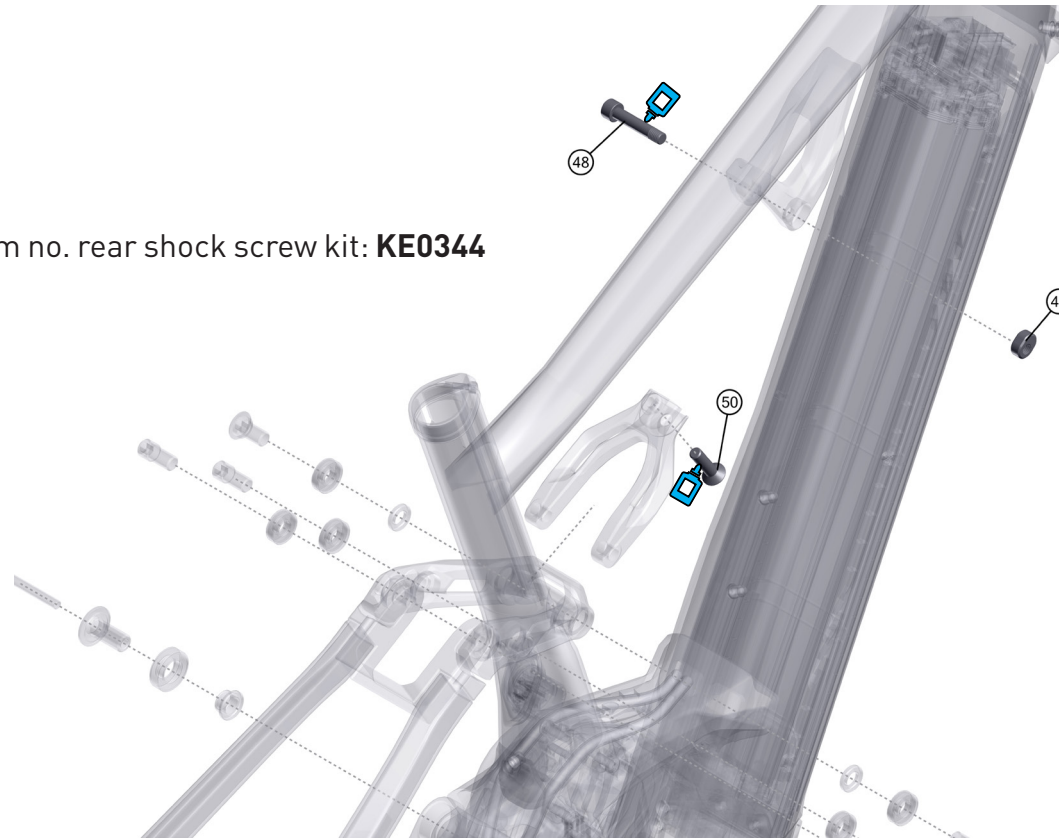
ÜBERSICHTSZEICHNUNG

ASSEMBLY DRAWING rear shock screw kit

GHOST

BOM-ID	Item nr.	QTY	Description	Specification	Torque
	KE0344	1x	Rear shock screw kit		
48	FRSC0171	1x	Shockmount screw (cylinder head)	IS6 - M8 x 40 mm	10 Nm
49	FRNT0055	1x	Shockmount nut	M8	
50	FRSC0172	1x	Shock-link-top screw (counter sunk)	IS5 - M8 x 30 mm	10 Nm

Item no. rear shock screw kit: **KE0344**



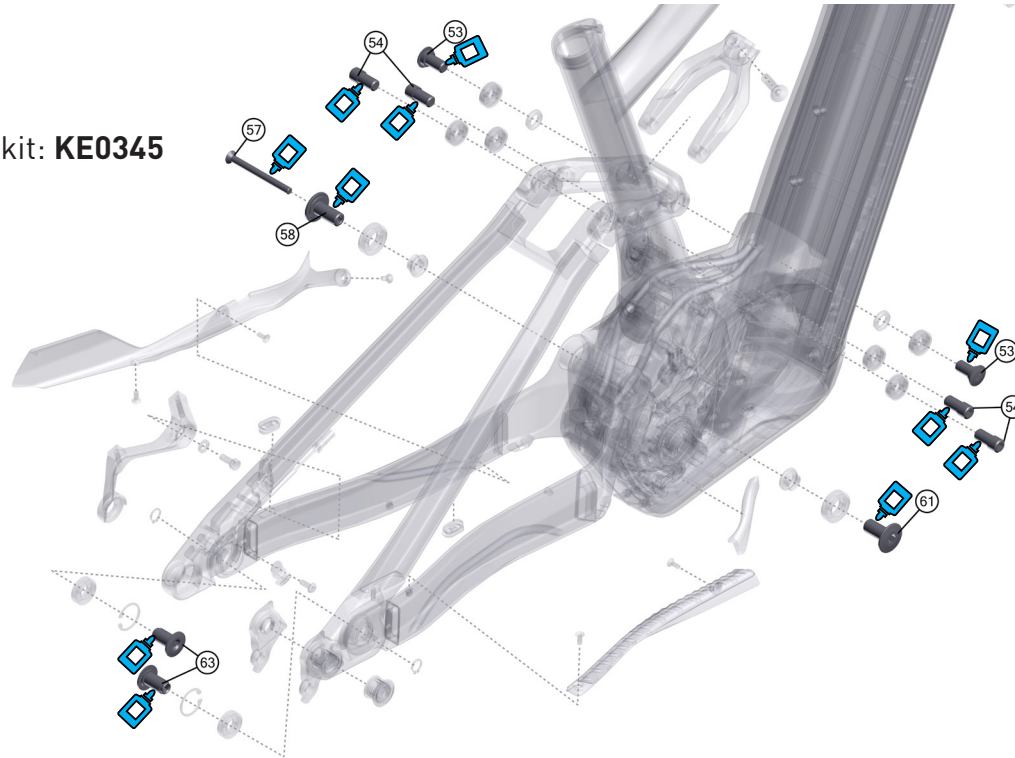
ÜBERSICHTSZEICHNUNG

ASSEMBLY DRAWING axle & screw kit

GHOST

BOM-ID	Item nr.	QTY	Description	Specification	Torque
	KE0345	1x	Axle & screw kit		
53	FR0T0125	2x	Link-top screw	IS6 - M10 x 17.5 mm	14 - 18 Nm
54	FR0T0126	4x	Link screw	IS6 - M10 x 17 mm	14 - 18 Nm
57	FRSC0173	1x	Main pivot locking screw (counter sunk)	IS4 - M6 x 70 mm	6 Nm
58	FRSC0174	1x	Main pivot screw left	IS8 - M12 x 25 mm	18 - 20 Nm
61	FRSC0175	1x	Main pivot screw right	IS8 - M12 x 25 mm	18 - 20 Nm
63	FR0T0141	2x	Chainstay screw	IS6 - M12 x 20.8 mm	14 - 18 Nm

Item no. axle and screw kit: **KE0345**



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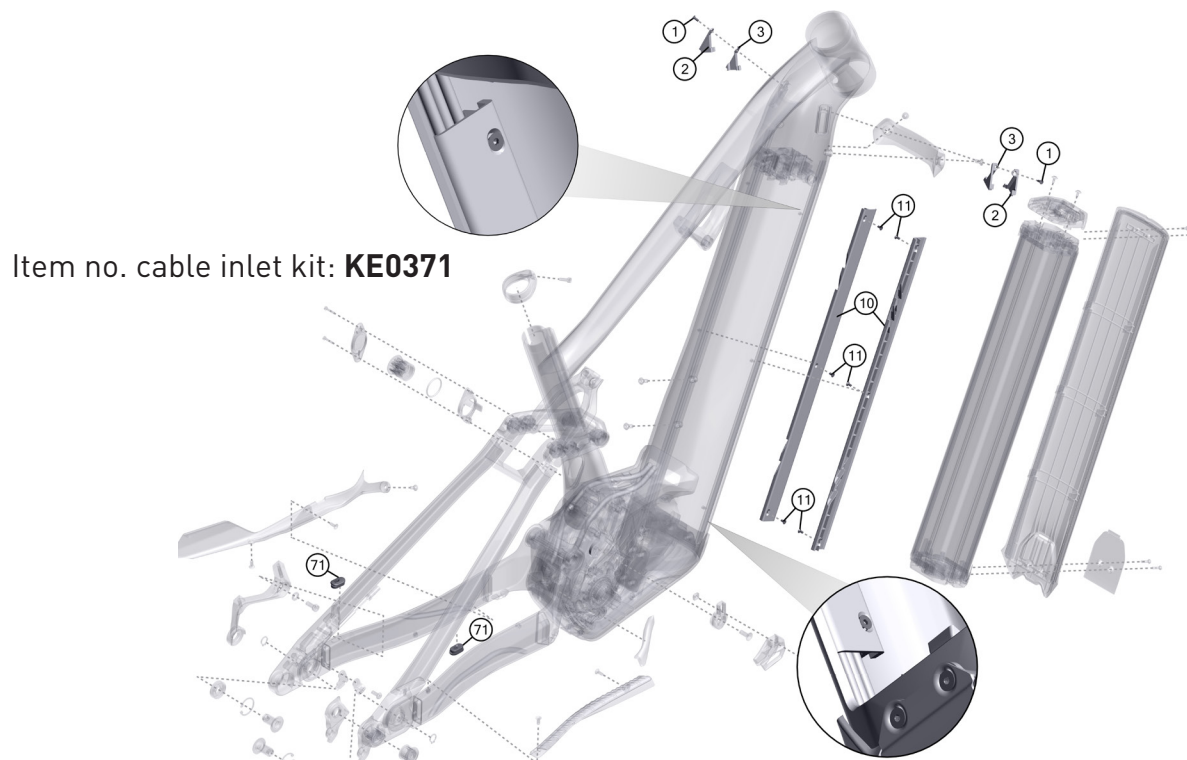
version: 01

ÜBERSICHTSZEICHNUNG

ASSEMBLY DRAWING spare part kit

GHOST

BOM-ID	Item nr.	QTY	Description	Specification	Torque
	KE0371	1x	Cable inlet kit		
1	FRSC0136 (09105131)	2x	Counter sunk screw	IS2 - M3 x 6 mm	1 Nm
2	FROT0170 (10010540)	2x	Cable inlets left side		
3	FROT0169 (10010539)	2x	Cable inlets right side		
10	RAI0002 (53100920)	2x	Cable guide		
11	FRSC0153 (09105160)	6x	Counter sunk screw	IS2.5 - M4 x 6 mm	1 Nm
71	FROT0154 (W9401139)	2x	Cable rubber	SW415	



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ASSEMBLY DRAWING spare part kit

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BOM-ID	Item nr.	QTY	Description	Specification	Torque
	KLP00059	1x	Chain guide kit		
17	FR0T0235 (53100978)	1x	Chain guide bracket		
18	FRSC0157 (09105213)	1x	Lens head screw (stainless steel)	IS4 - M6 x 10 mm	5 Nm
19	CG0022 (53100922)	1x	Chain guide (set incl. screw, spacer and nut)		



Item no. chain guide kit: **KLP00059**

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ASSEMBLY DRAWING spare part kit

GHOST

BOM-ID	Item nr.	QTY	Description	Specification	Torque
	KLP00034	1x	Battery cover kit		
6	COV0012 (65228008)	1x	Battery cover		
8	FROT0230 (65228006)	1x	Battery metal skidplate		
24	FROT0234 (65228007)	1x	Battery holder adapter		
	65228039	1x	Battery holder adapter Top (only for Hardtail)		



ÜBERSICHTSZEICHNUNG

ASSEMBLY DRAWING spare part kit

GHOST

BOM-ID	Item nr.	QTY	Description	Specification	Torque
	KLP00033	1x	Motor cover kit		
34	COV0011 (65228013)	1x	Motor cover right		
35	COV0010 (65228012)	1x	Motor cover left		
38	FROT0229 (65228005)	1x	Motor metal skidplate		
40	FROT0231 (65228011)	1x	Motor bracket		
42	FROT0232 (65228009)	1x	Motor bracket Xplate		
47	FROT0233 (65228010)	2x	Motor bushing		



ÜBERSICHTSZEICHNUNG

ASSEMBLY DRAWING spare part kit

GHOST

BOM-ID	Item nr.	QTY	Description	Specification	Torque
	KLP00061	1x	Motor bracket kit		
40	FROT0231 (65228011)	1x	Motor bracket		
42	FROT0232 (65228009)	1x	Motor bracket Xplate		
47	FROT0233 (65228010)	2x	Motor bushing		
	09105185	4x	Cylinder head screw	IS4 - M6 x 12 mm	11 Nm
	00125071	4x	Washer	ø 6,4 mm	



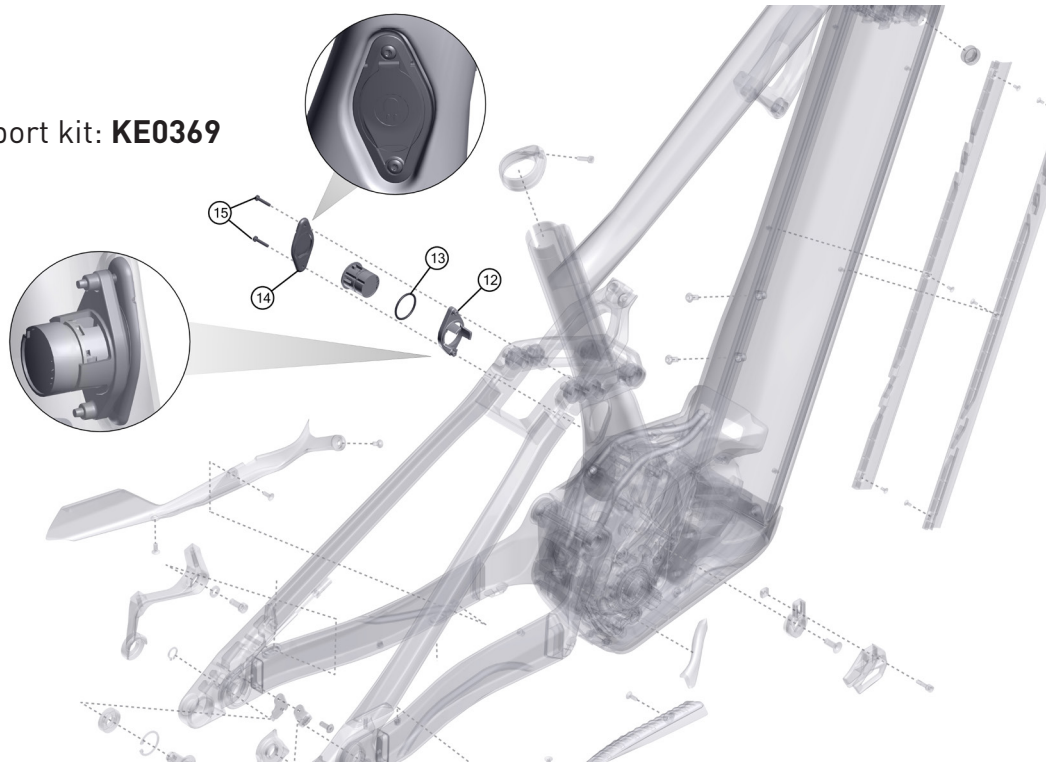
ÜBERSICHTSZEICHNUNG

ASSEMBLY DRAWING spare part kit

GHOST

BOM-ID	Item nr.	QTY	Description	Specification	Torque
	KE0369	1x	Charge port kit		
12	FR0T0212 [53100999]	1x	Charge port frame		
13	ELOT0007 [02009052]	1x	O-ring charge port		
14	FR0T0097 [53100913]	1x	Charge port cover		
15	FRSC0143 [09105130]	2x	Lens head screw	TX10 - M3 x 16 mm	1 Nm

Item no. charge port kit: **KE0369**

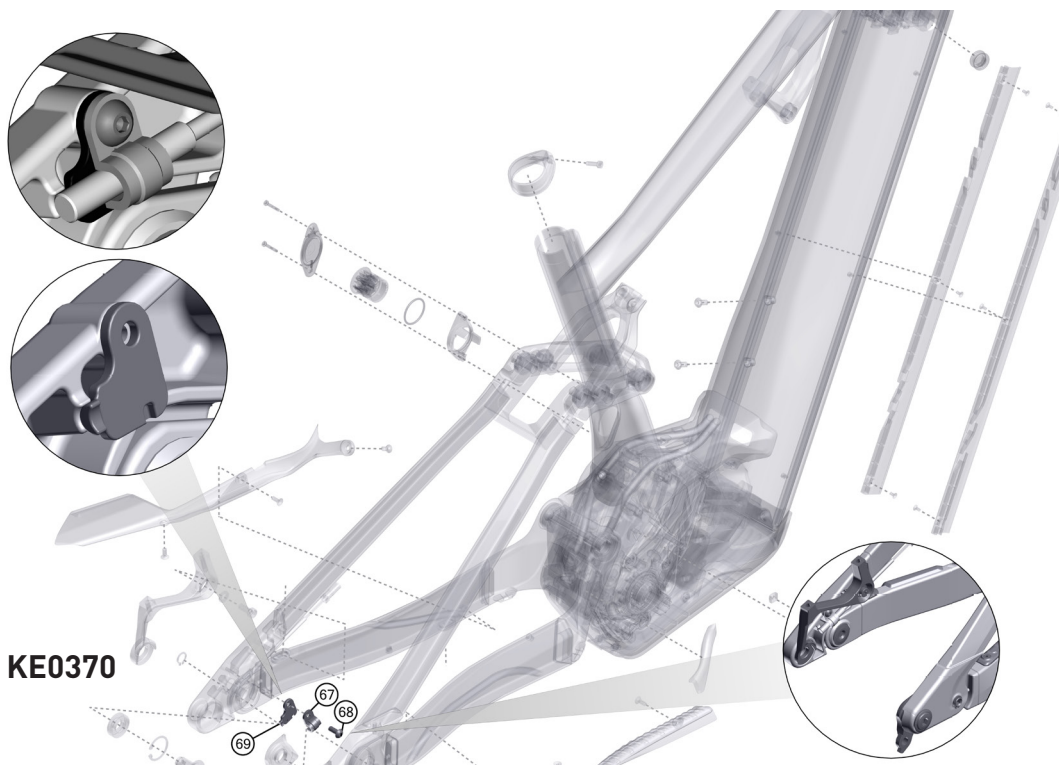


ÜBERSICHTSZEICHNUNG

ASSEMBLY DRAWING spare part kit

GHOST

BOM-ID	Item nr.	QTY	Description	Specification	Torque
	KE0370	1x	Speed sensor kit		
67	EL0276 (02006191)	1x	Clip holder		
68	EL0277 (02006192)	1x	Screw		1 Nm
69	ELOT0011 (53100989)	1x	Speed sensor spacer (SHIMANO rotor only)		



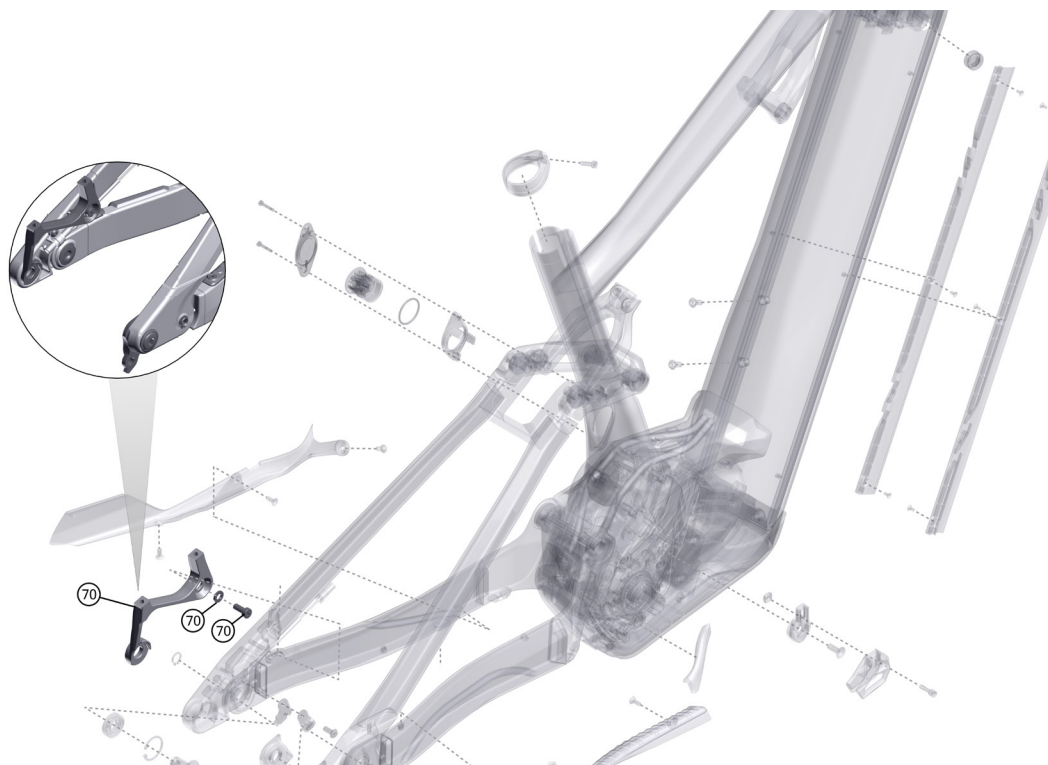
Item no. speed sensor kit: **KE0370**

ÜBERSICHTSZEICHNUNG

ASSEMBLY DRAWING spare part kit

GHOST

BOM-ID	Item nr.	QTY	Description	Specification	Torque
	FR0T0171 (W9401194)	1x	Brake mount adapter kit		
70	FR0T0171	1x	Rear brake mount adapter		
70	FR0T0171	1x	Cylinder head screw	IS5 - M6 x 16 mm	11 Nm
70	FR0T0171	1x	Washer	ø 6,4 mm	



Item no. brake mount adapter kit: **FR0T0171**

ÜBERSICHTSZEICHNUNG

ASSEMBLY DRAWING spare part kit

GHOST

BOM-ID	Item nr.	QTY	Description	Specification	Torque
	KE0372	1x	Protector kit		
4	FRPR0084 (53100915)	1x	Fork bumper		
5	FRSC0102 (09105212)	2x	Lens head screw	IS3 - M5 x 8 mm	2 Nm
36	FRSC0138 (09103097)	4x	Counter sunk screw	IS2.5 - M4 x 12 mm	1 Nm
39	FRSC0155 (09103024)	1x	Counter sunk screw (stainless steel)	IS2.5 - M4 x 10 mm	1 Nm
72	FRPR0082 (53100918)	1x	Chainstay protector left side		
73	FRPR0083 (53101278)	1x	Chainstay protector right side rear		
74	FRPR0080 (53100916)	1x	Chainstay protector right side front		



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ÜBERSICHTSZEICHNUNG

ASSEMBLY DRAWING

GHOST

FACT SHEET:	
SHOCK LENGTH:	E-ASX 160: 230 MM E-ASX 130: 210 MM
SHOCK HARDWARE TOP:	25 MM x M8
SHOCK HARDWARE BOTTOM:	15 MM x M8
HEADSET TOP:	ZS 56
HEADSET BOTTOM:	ZS 56
SEATPOST DIAMETER:	31,6 MM
CLAMP INNER DIAMETER:	34,9 MM
BOTTOM BRACKET:	-----
KICKSTAND:	-----
ISCG STANDARD:	-----
CARRIER MOUNT:	NO
FENDER COMPATIBLE:	NO

DROPPER SEATPOST READY:	YES
WATERBOTTLE MOUNT:	1x 0,5 L
MAXIMUM PERMISSIBLE TOTAL WEIGHT:	120 KG
MAXIMUM TIRE SIZE:	
WHEEL SIZE:	29" / 27,5"
QUICK RELEASE LENGTH:	180 MM
OVER-LOCKNUT DIMENSION (O.L.D.):	148 MM
FD CLAMP SIZE:	-----
FD TYPE:	-----
ENGINE:	BOSCH PERFORMANCE LINE CX
BATTERY:	BOSCH POWER TUBE 750 WH
DISPLAY:	BOSCH LED REMOTE