

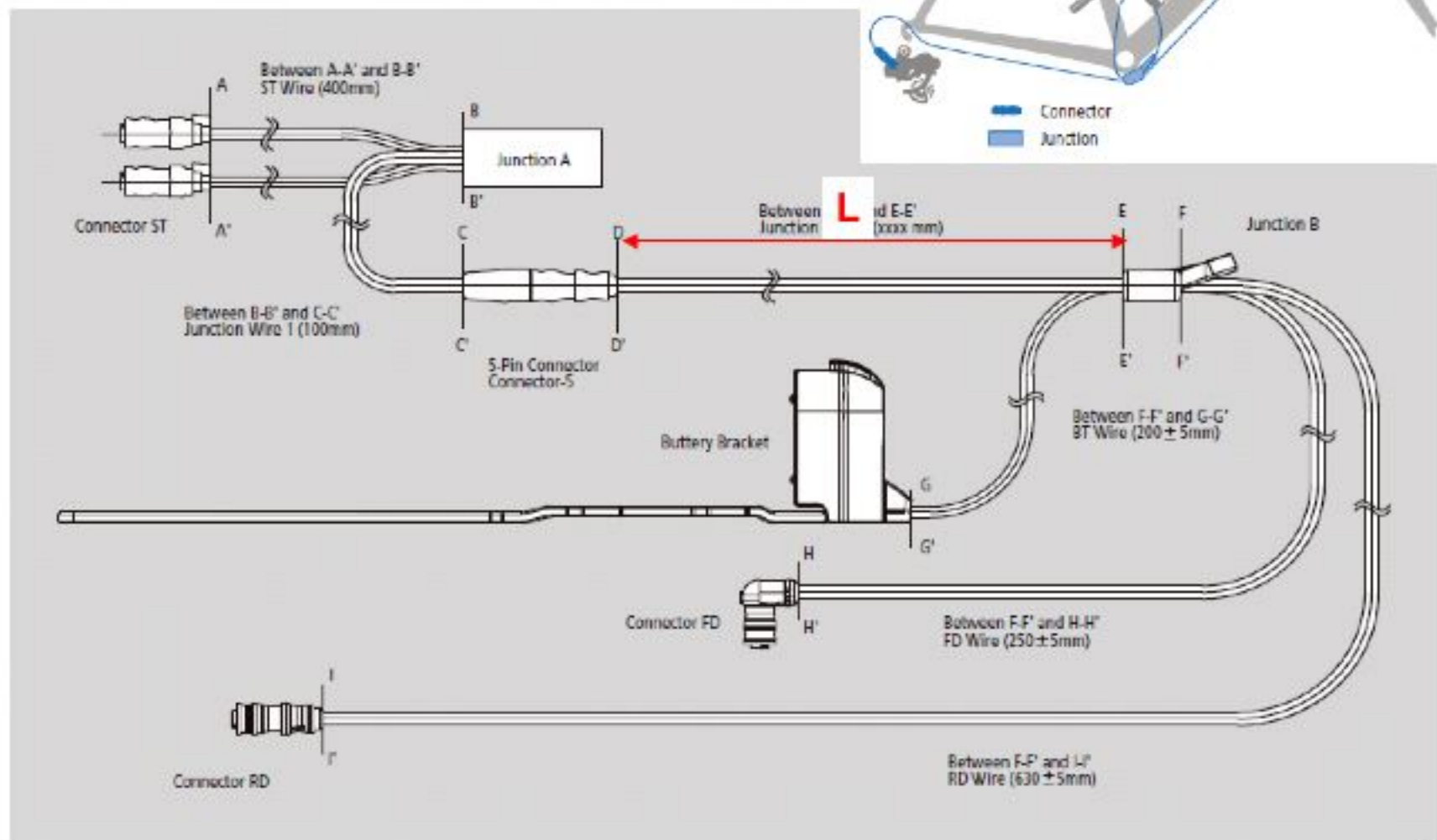
Di2 additional information

Electric Wire Specifications

- EW-7970 (external wire routing spec)
- EW-7975 (internal wire routing spec)
- EW-7973 (additional spec besides EW-7970/7975)
- TT handle bar

EW-7970

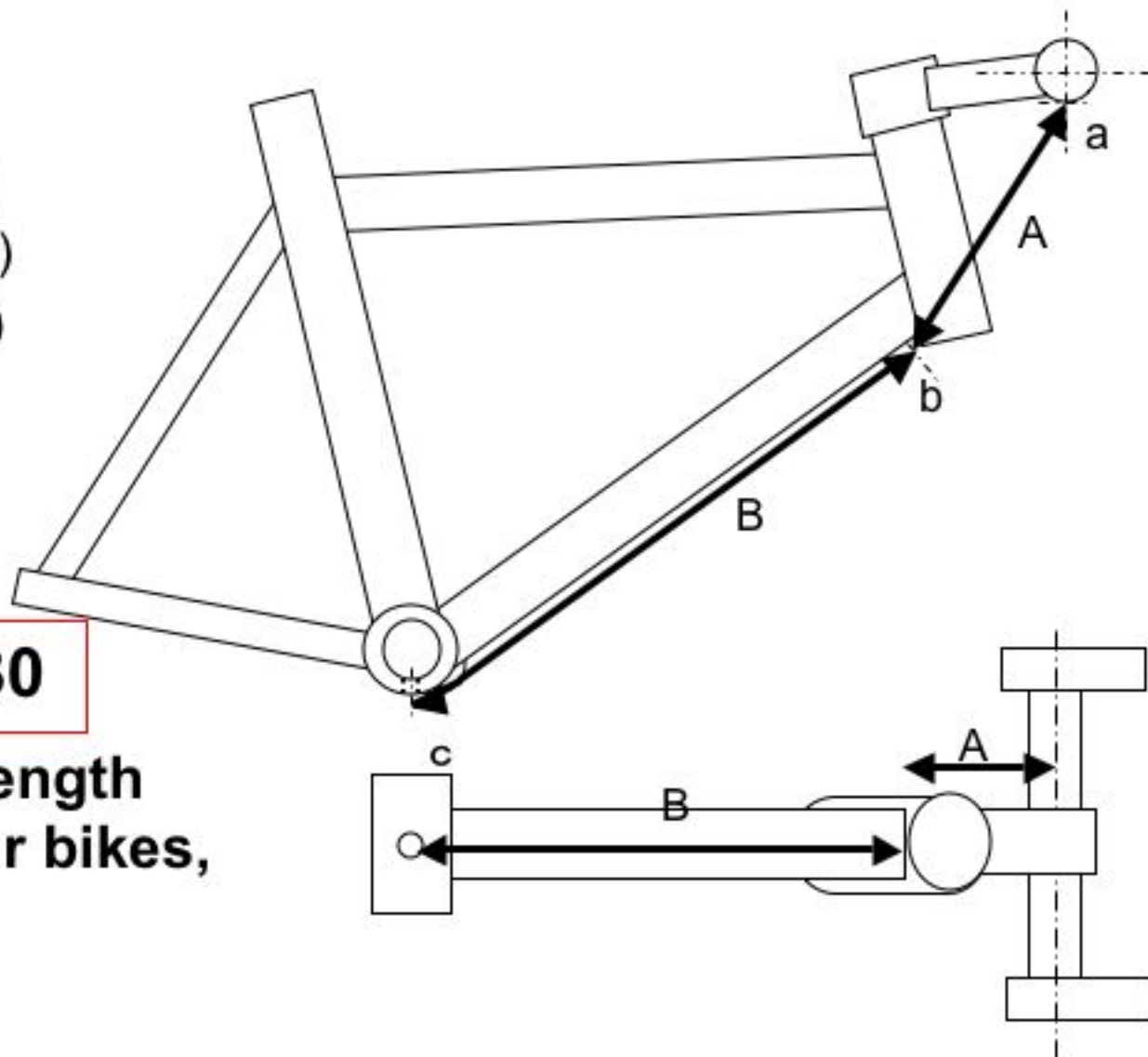
3 kinds of length available for external wire routing spec



External Wire routing (EW-7970)

the way to choose the size of cable

- 3 sizes
 - L size (L=890 mm)
 - M size (L=830 mm)
 - S size (L=770 mm)



$$X \text{ (mm)} = A + B - 30$$

**Please check the length
of each size of your bikes,**

EW-7970

X should be within each size

X	640	660	680	700	720	740	760	780	800	820	840	860	880	900
L size (L=890mm)														
M size (L=830mm)														
S size (L=770mm)														

EW-7970

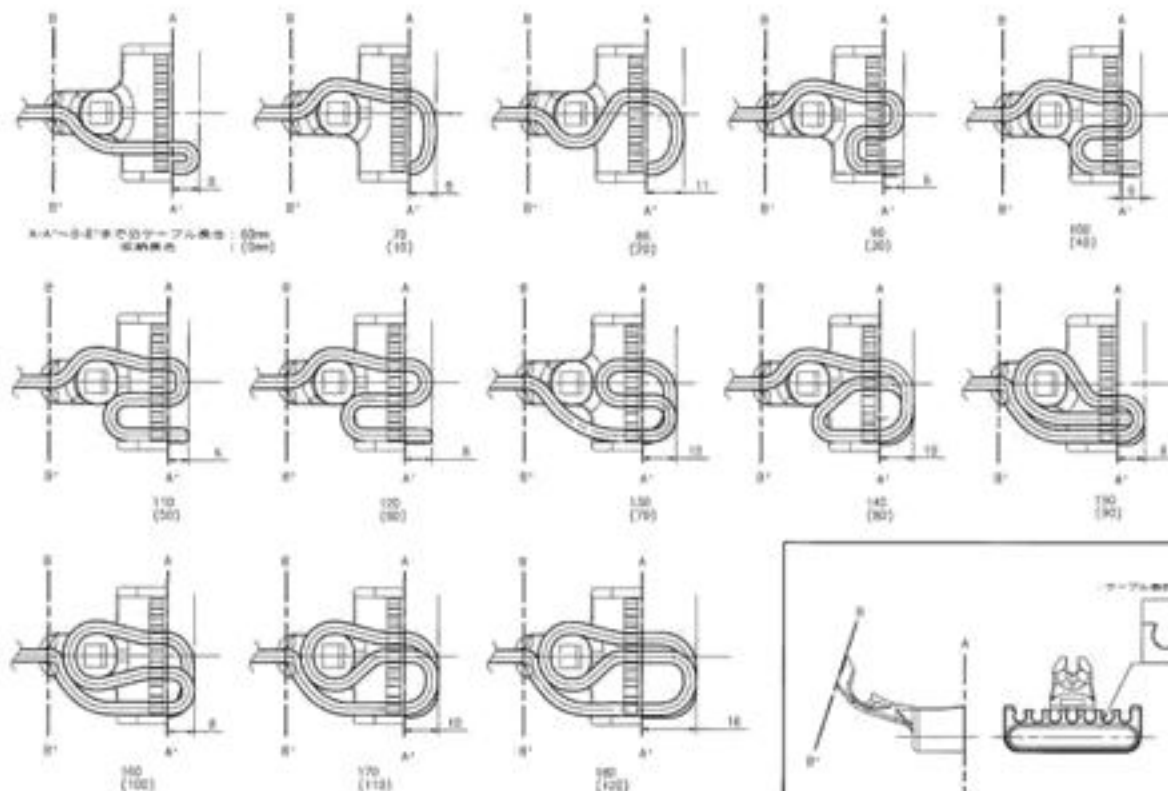
L size : $770\text{mm} < X < 890\text{mm}$

M size : $710\text{mm} < X < 830\text{mm}$

S size : $650\text{mm} < X < 770\text{mm}$

Junction B (below BB hanger) have adjustable function to cover up to 120mm.

Adjustable length is 120mm with junction B



Small parts included with EW-7970

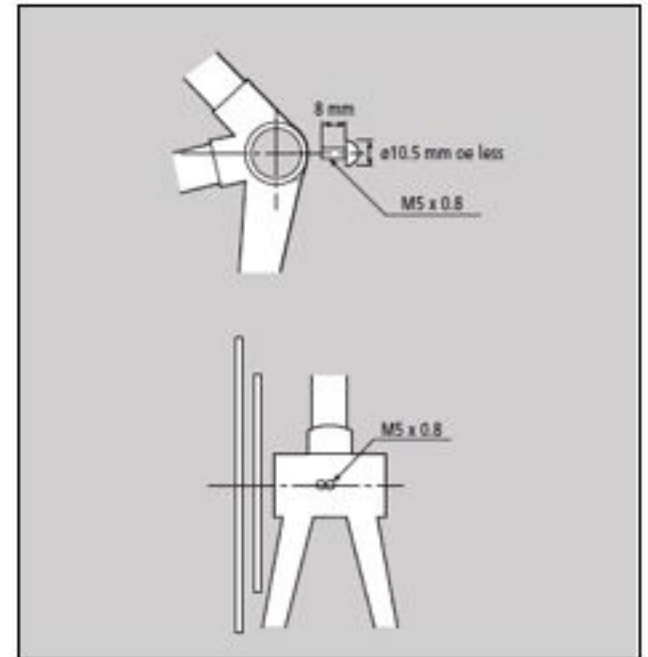
- Wire cover
 - 300mm x3
 - 50mm x3
- Fixing bolt for junction B
 - Long (for carbon frame)
 - Short (for Steel frame)

- Zip tie x1

- TL-EW01



- Assemble & disassemble tool for a connector



Assemble (External wire routing)

Wire cover



Put on down tube and chain stay

Black, gray and white will be available

Bottle cage mount adapter

SM-BA01



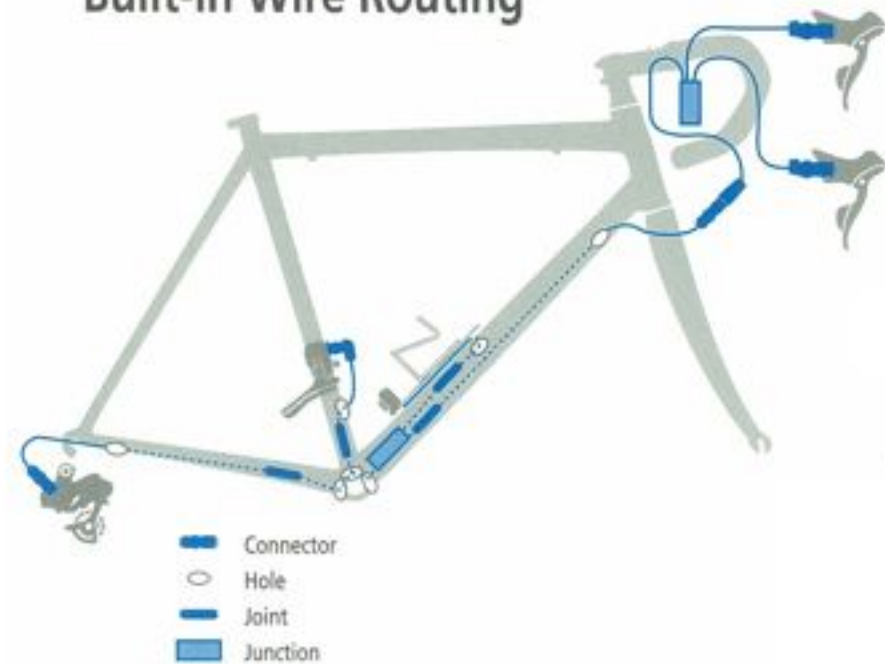
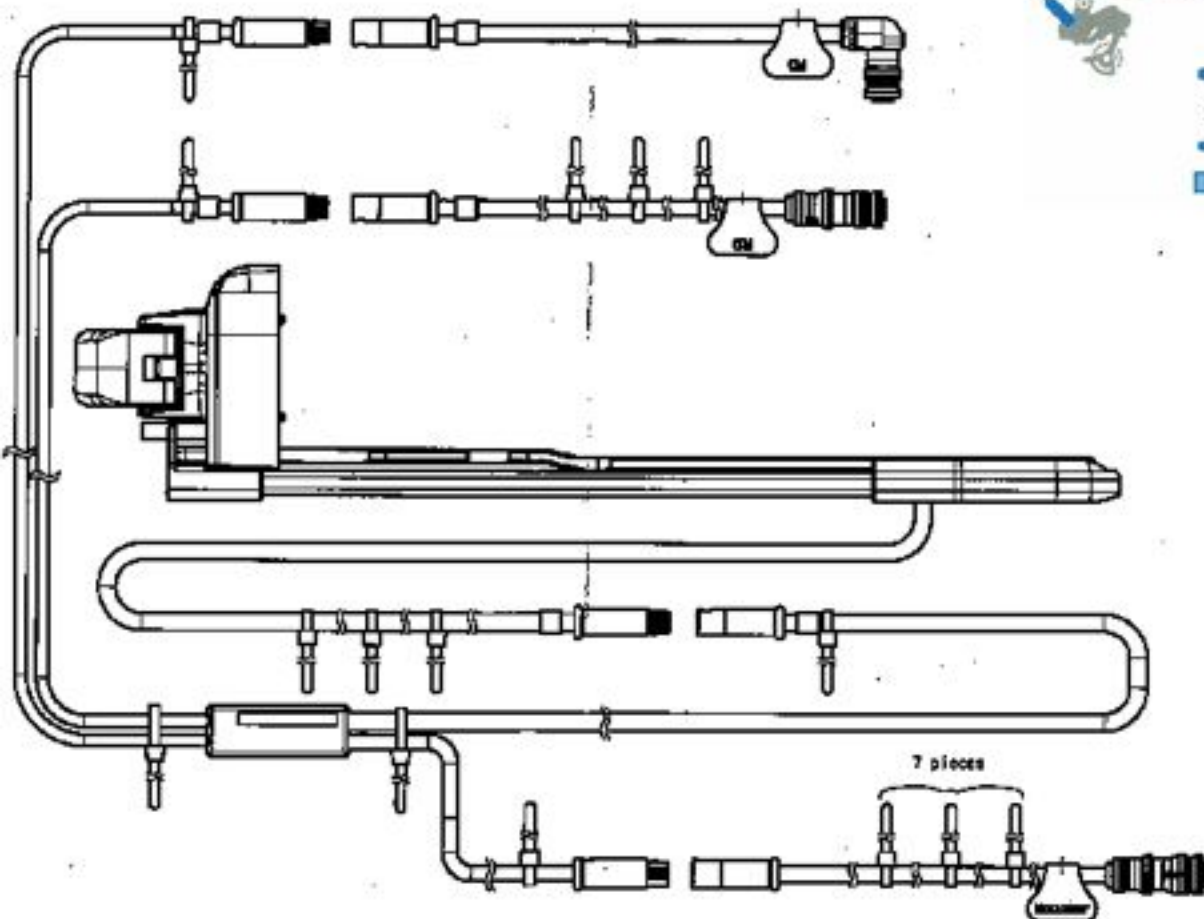
Internal wire routing

EW-7975

EW-7975

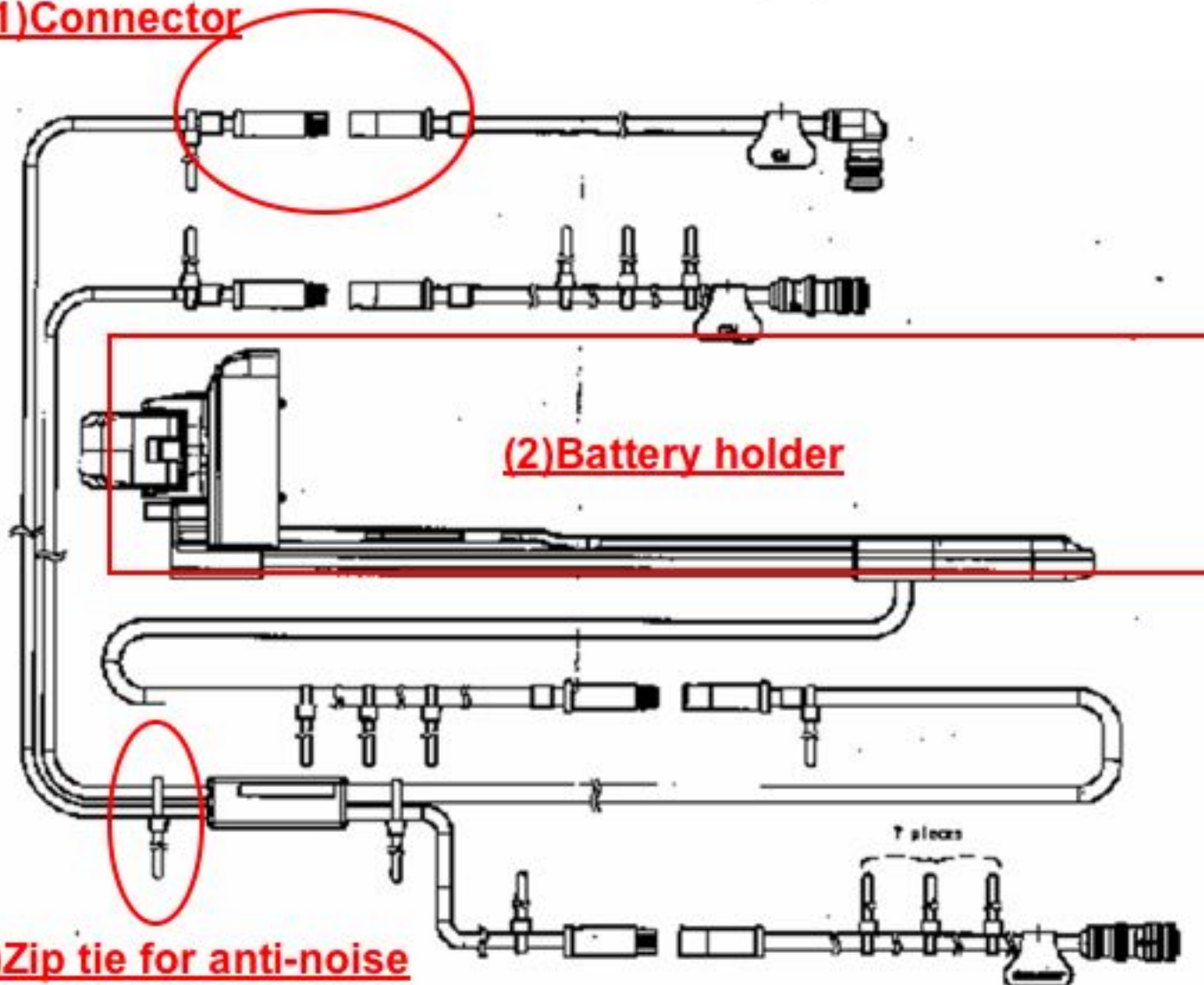
Internal Wire spec

Built-in Wire Routing



For internal wire routing EW-7975

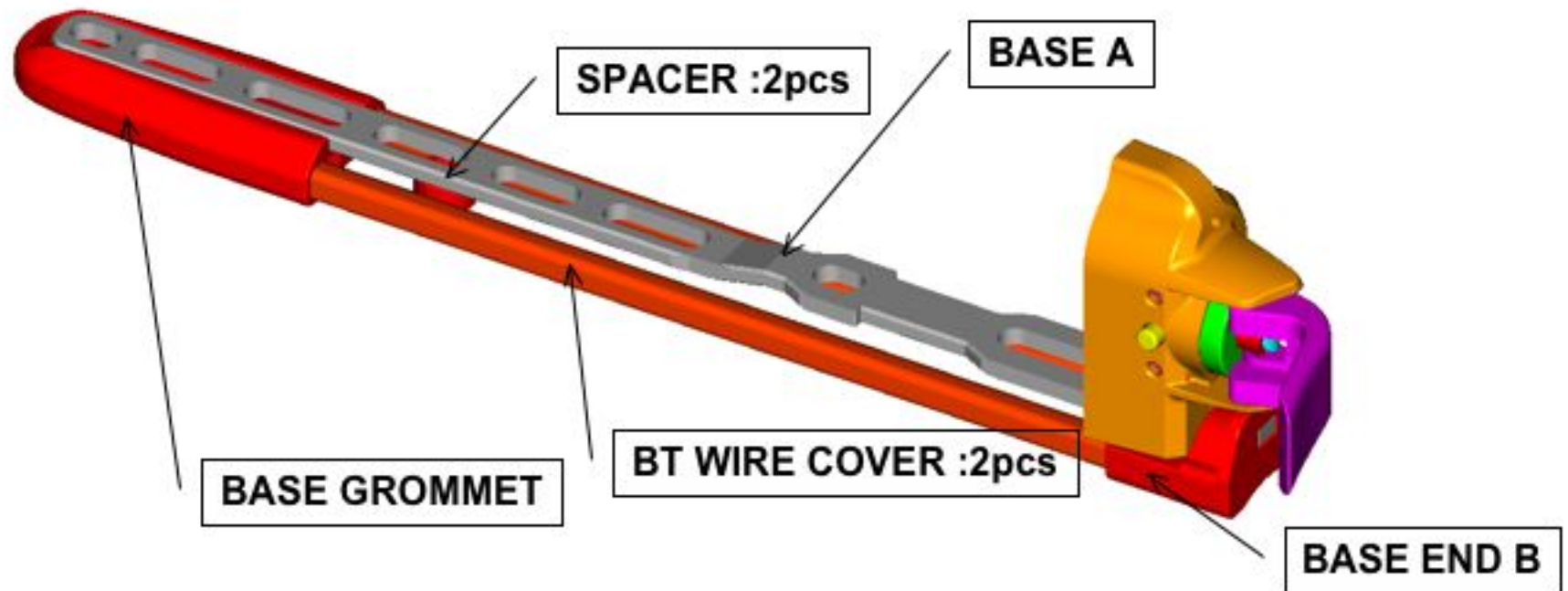
(1) Connector



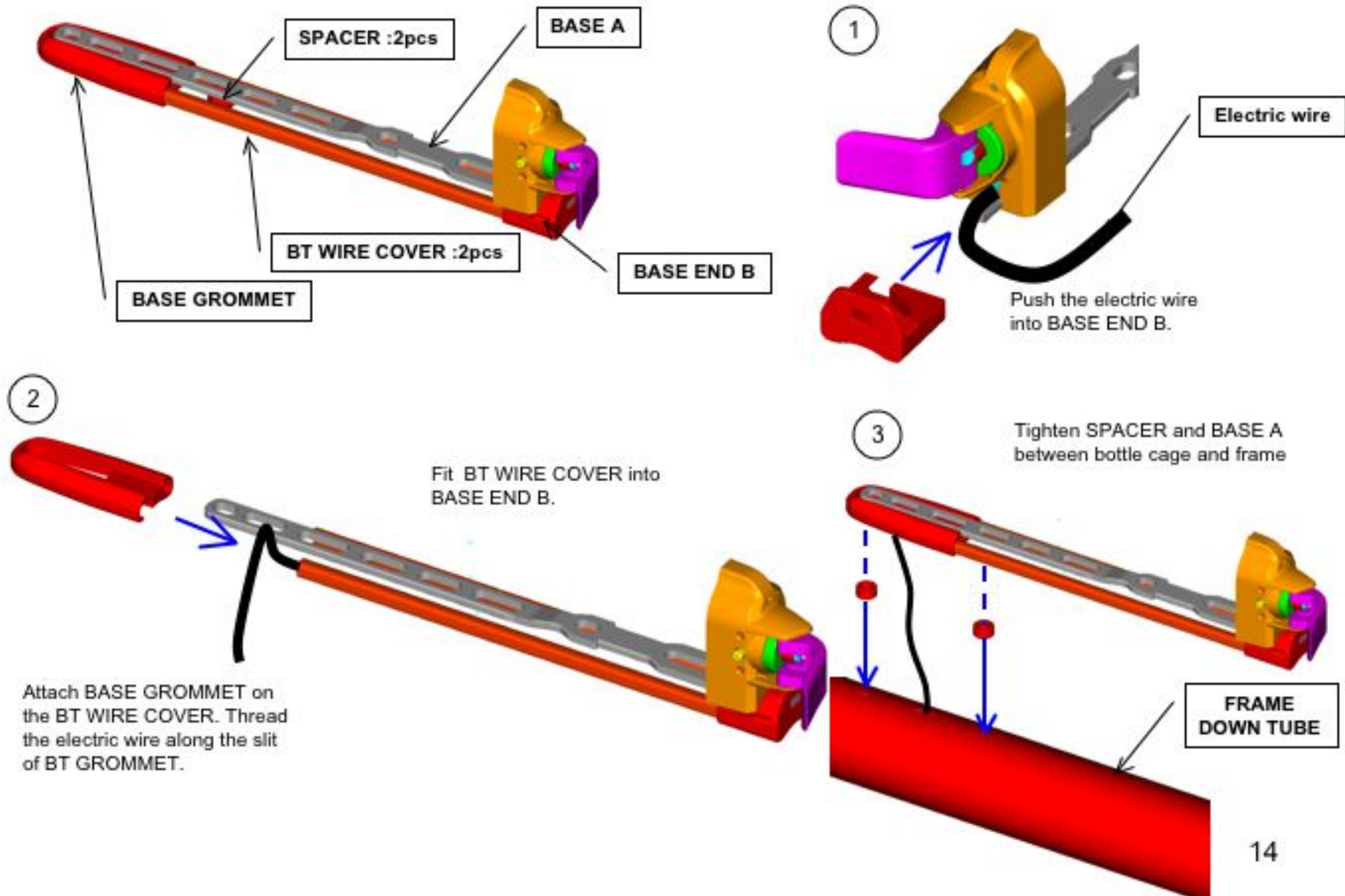
(2) Battery holder

(3) Zip tie for anti-noise

(2) Battery holder EW-7975 battery holder assembly



Battery holder for internal wire EW-7975 assembly



Reduce the noise of wire inside of frame

- The image of zip tie in a frame



(Transparent tube, example for down tube)

BB inner cover for EW-7975



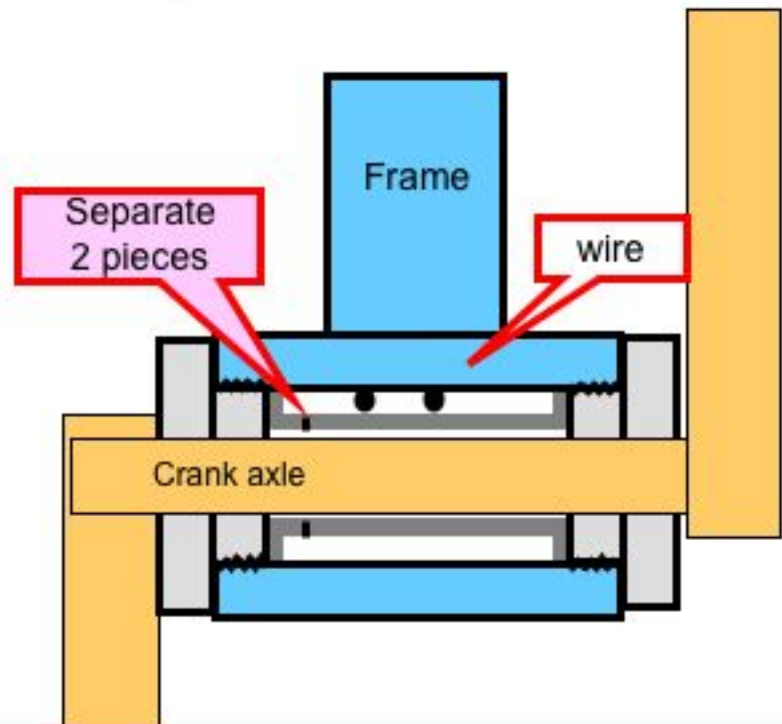
1) Firstly tighten Right hand adaptor(6-1) not to get the cables stuck inside of BB.

Then check wires are not stuck by right hand adaptor, before tightening left hand adaptor.

2) Tighten left hand adaptor(6-2).

Recommended special inner cover for Internal spec.

(6-1,2): Special inner cover



The new special inner cover has smaller diameter, to create more space for the internal wires.

Because the wires can interfere with the normal BB cover and frame.

inner cover x1
O-ring x2

Grommet for frame

- Frame grommet x 3
 - Thickness of frame is less than 2.5mm

Hole size

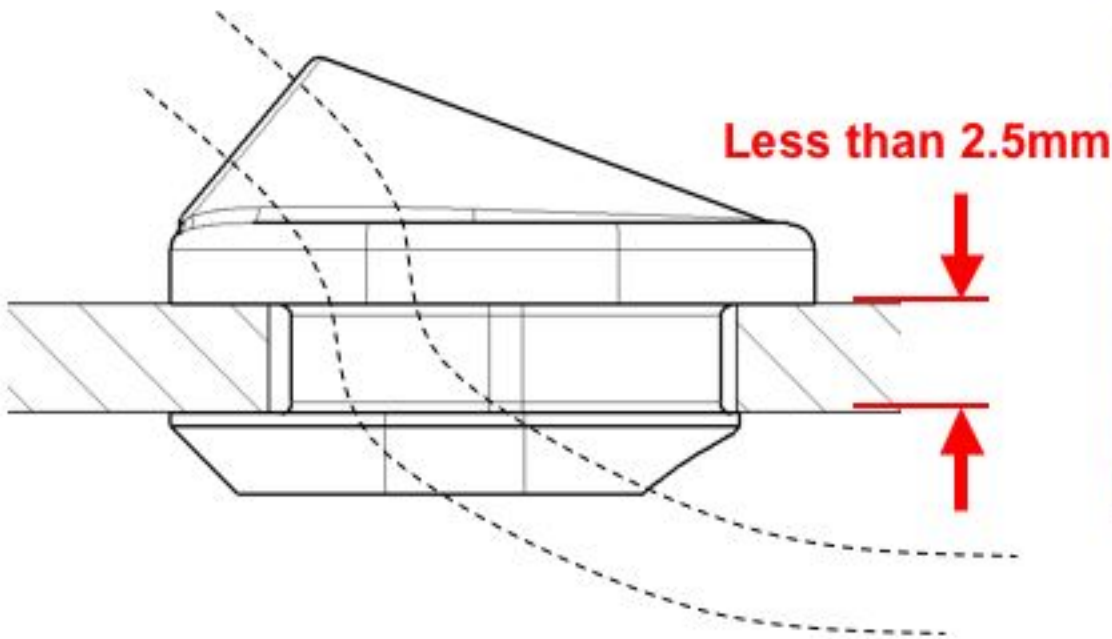
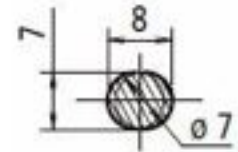
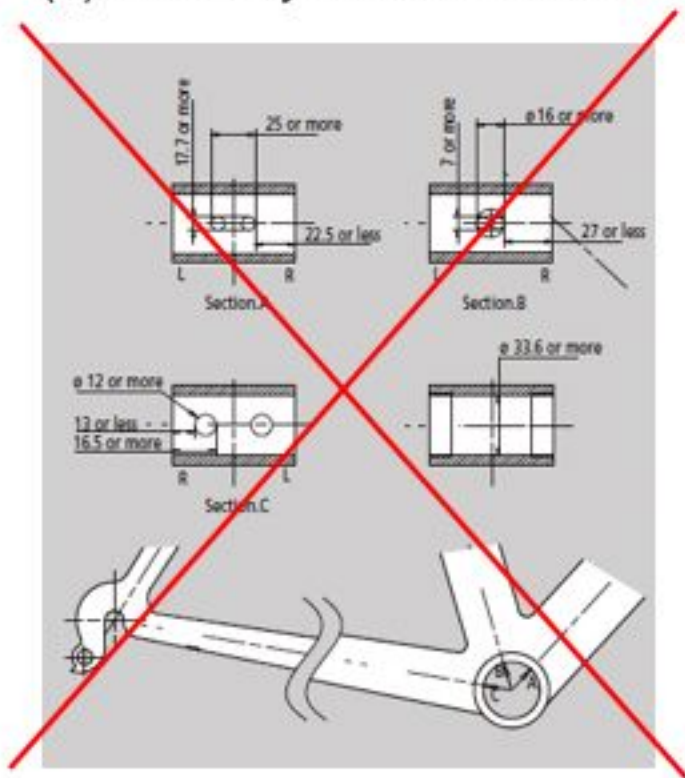


Photo on a frame

EW-7973

Additional spec for below conditions (Front/internal routing + Rear/external routing)

(1) In case you have the closed BB construction(if it's impossible to use EW-7975).



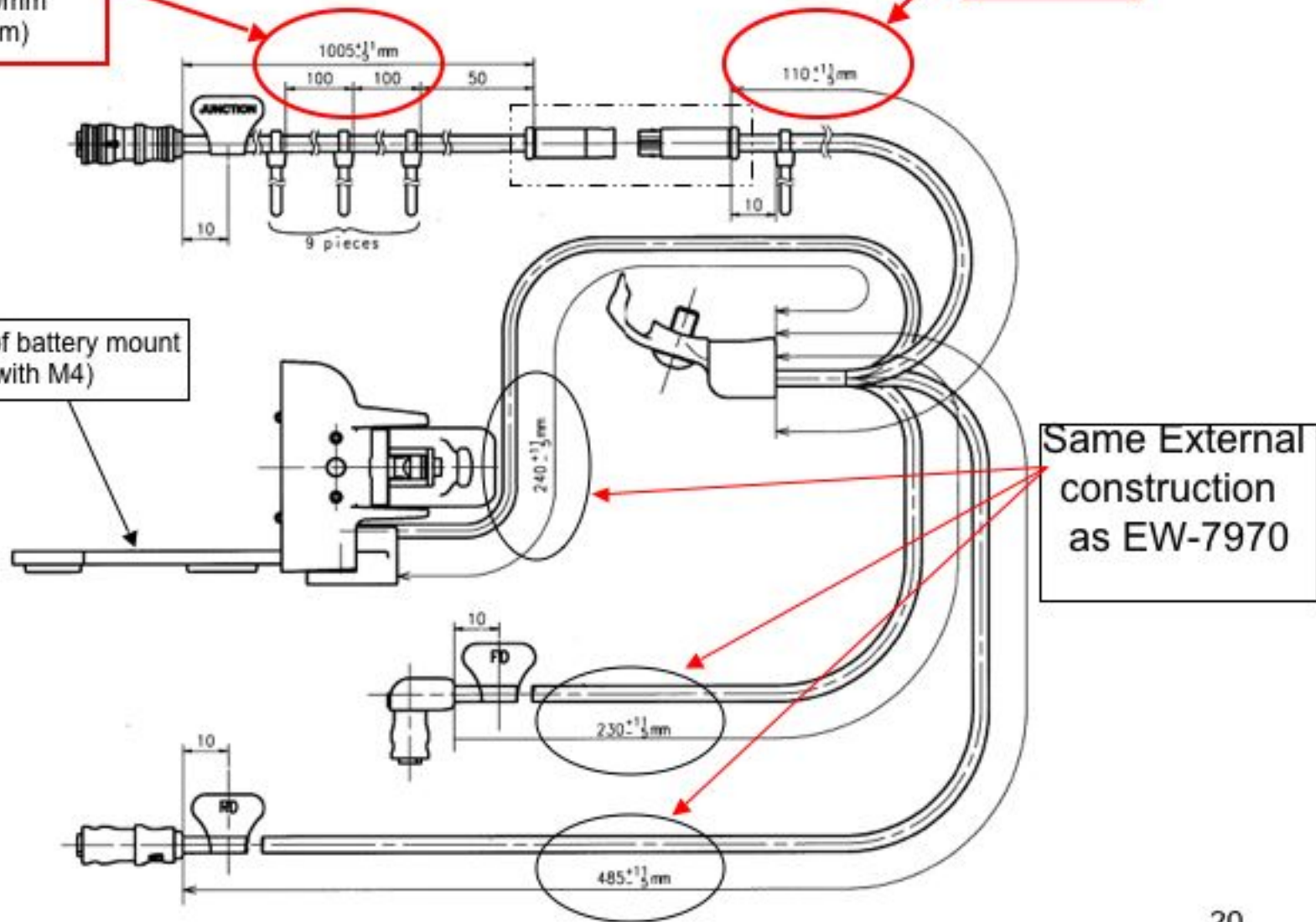
(2) In case you decide not to go Internal through the chain stay/BB area;

(3) In case of not using thread for bottle cage.

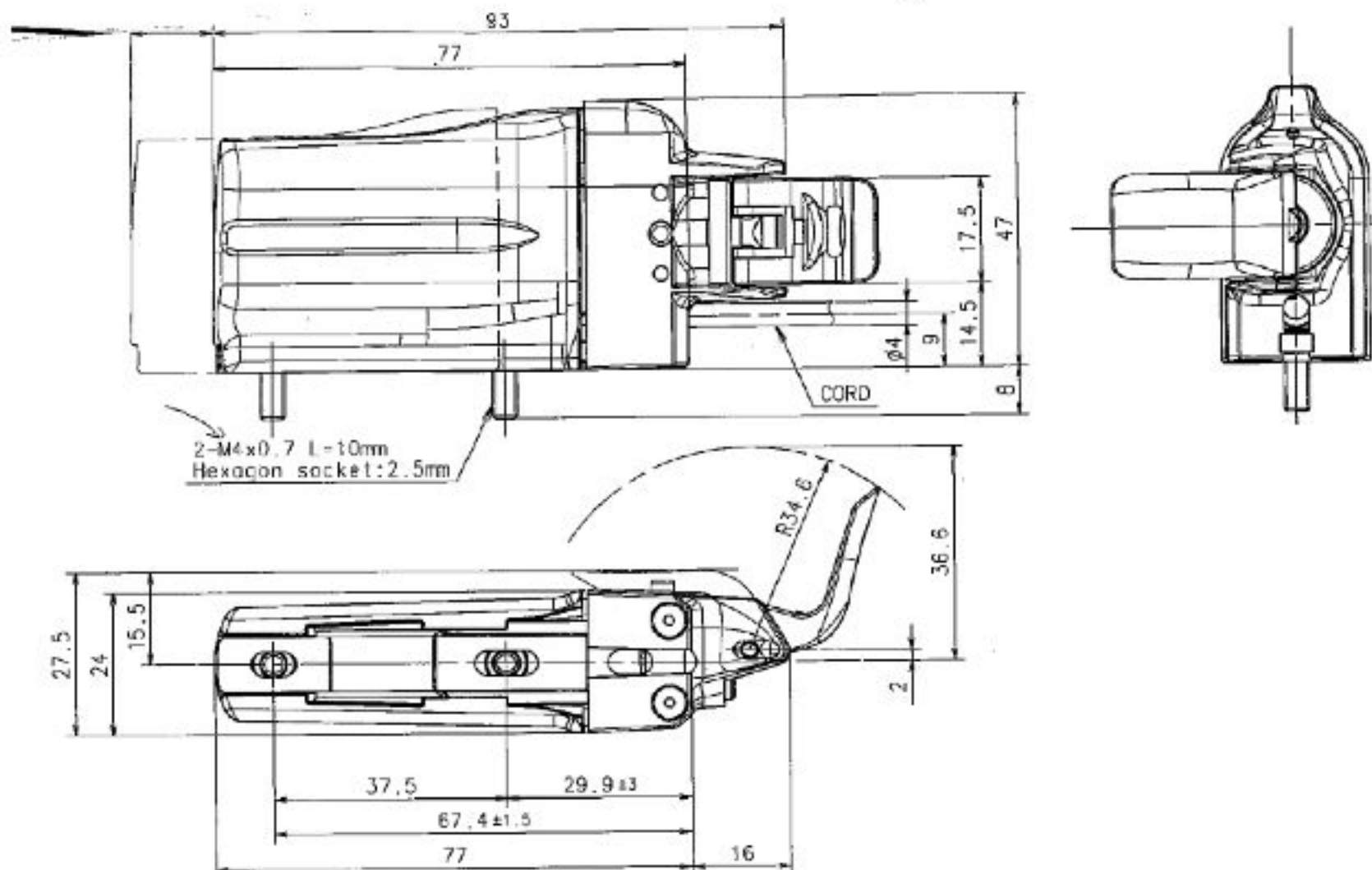
EW-7973

EW-7975 + 200mm
(EW7975=805mm)

Same length
as EW-7975



Short size battery mount



Caution!! The requirement

Please be sure the thread/frame for this
“short size battery mount” is strong
enough;

If not, the frame can get damaged.

Short size battery mount adapter



TT handle bar

(ST-7971,SW-7971,SM-EW79A/F-I)



Note: SM-EW79A-I for “without Flight Deck option”
SM-EW79F-I for “with Flight Deck option”

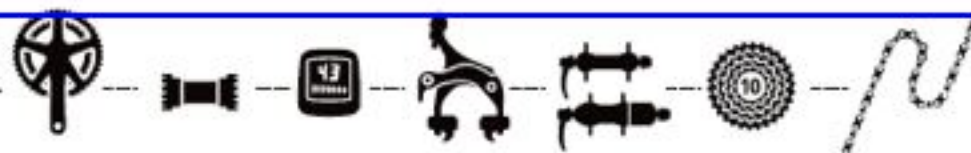
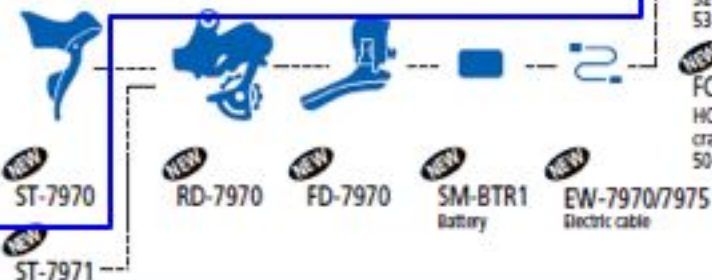
Product line up for TT handle spec

DURA-ACE



20-SPEED

DURA-ACE Di2



FC-7900
HOLLOWTECH-II crankset
53-42T 54-42T
52-39T 55-42T
53-39T 56-44T

SM-BB7900
BB Cups assembly unit

SC-7900
Cycle computer

BR-7900

HB-7900
FH-7900

CS-7900
10-speed HG CS
11-21T
11-23T
11-25T
11-27T
11-28T*
12-23T
12-25T
12-27T

CN-7900
Super narrow HG chain for 10-speed

*Only for RD-7900

for DURA-ACE

SL-7900 **BL-TT79**
SL-B579 Brake lever
for Aero type bar

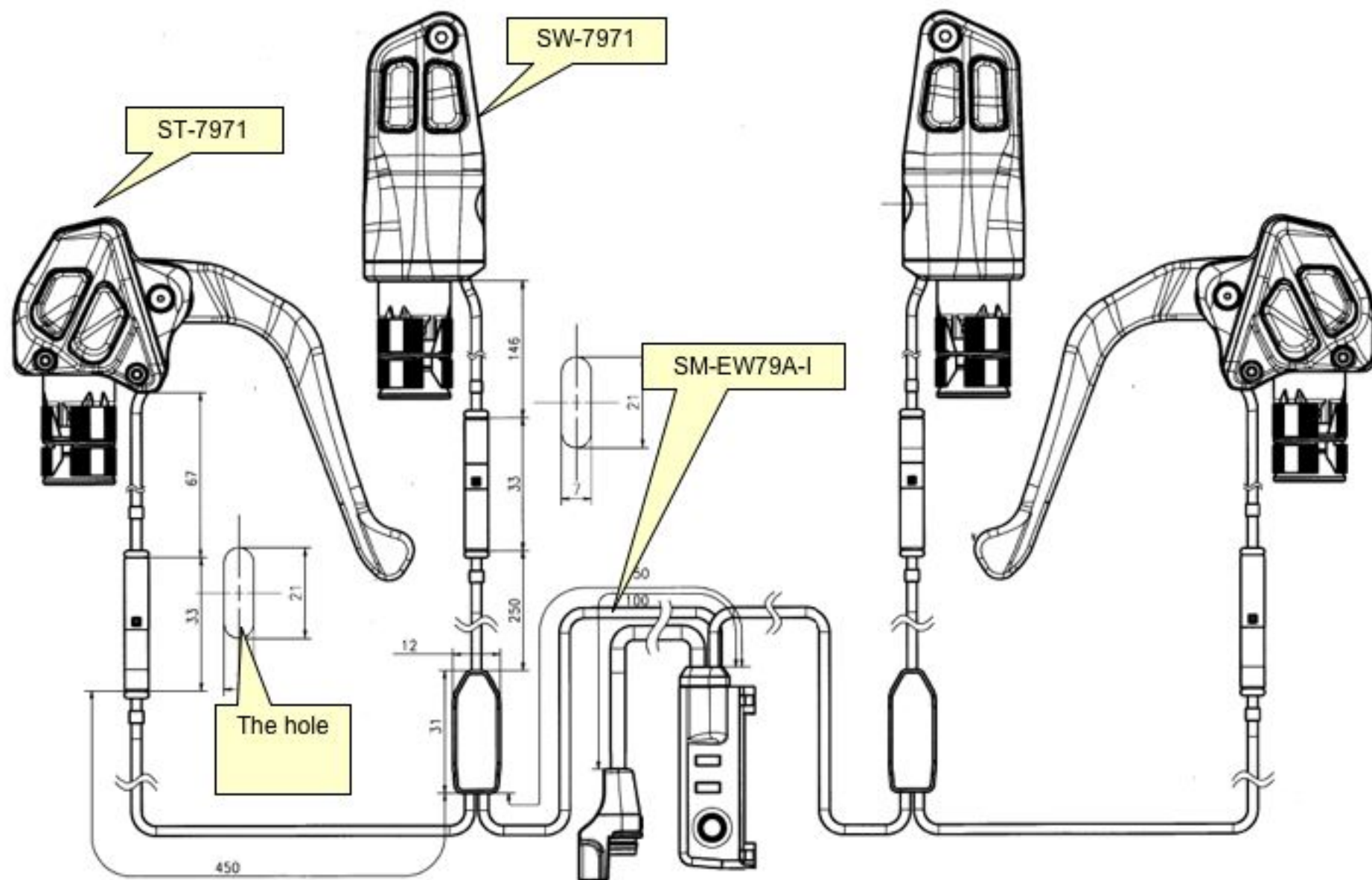
for DURA-ACE Di2

SW-7971

SM-EW79A -E

SM-EW79A -I

ST/SW-7971, SM-EW79A-I



TT handle bar hole recommendations

