Fluidity 2014-2015

IMPORTANT
Please read this document and adhere to the following recommendations:
Cycling may lead to falls or accidents.
Exercise caution when using your bicycle.
Abide by the highway code and always wear a helmet.
Keep these instructions and refer to them if necessary.

WARRANTY AGAINST MANUFACTURING DEFECTS

TIME SPORT INTERNATIONAL guarantees that this product is free from any material and manufacturing defects.

This warranty only covers the replacement of parts acknowledged as defective by TIME's customer service.

Important: This warranty does not cover TIME products used by professional and non professional cyclists for sponsorship purposes.

Period: TIME warrants the product throughout its life to the original purchaser against defects in materials or workmanship.
This warranty only applies to products purchased from a retailer approved by TIME.

Warranty limits: The TIME warranty does not cover the finish varnish, damages or defects resulting from improper use, unsuitable maintenance, accidents, falls or from the owner's failure to comply with the recommendations in the user manuals delivered with the product.

Modifications: Any unauthorised work carried out on the product will void the warranty.

Procedure: If you experience any problems with your frameset, please contact your TIME retailer. They will contact TIME's customer service who will create a return file. The TIME retailer must then return the module to TIME's customer service, complete with the purchase invoice, the warranty card and a letter explaining the reasons for the return, with a detailed description of the problem, the type of use, the bicycle's part numbers and mileage.

Cover: Upon receiving the equipment, TIME's customer service will determine whether the product return is valid. Disassembly, reassembly costs and shipment costs are borne by the customer. The costs of return to the retailer are covered by TIME SPORT INTERNATIONAL if the repair falls under the warranty

Recommendations: TIME recommends that users follow the module assembly instructions and instructions for use carefully. In the event of an impact or fall, the module may be subject to significant stress, the effects of which may not be immediate and may eventually lead to cracking or breaking of the structure.

FOLLOWING AN IMPACT OR FALL, RETURN THE MODULE TO YOUR TIME RETAILER FOR EXTENSIVE CHECKING.

WARNING: The warranty is only valid if the buyer returns the tear-off section stamped and signed by the TIME retailer to TIME SPORT INTERNATIONAL within 10 days from the date of purchase.

Congratulations!

"Congratulations on your purchase of a TIME Fluidity module."

TIME modules and frames are designed using state-of-the-art tools, built using the most advanced materials and leading-edge technology.

The Fluidity module stems from TIME's experience acquired through its involvement in major international cycling events, in cooperation with top bicycle racers

The use of carbon fibres combined with polyamide fibres (VibRaser technology) provides our products with a unique handling quality that is perfectly balanced in terms of weight, dynamic properties and vibration damping.

For optimised use of you module, we recommend that you entrust assembly operations to a specialist.
Prior to use, to get the most enjoyment out of your bicycle and to ensure your safety, please read the instructions entirely.
As part of its continuous improvement strategy, TIME reserves the right to change the product's characteristics without prior notice.

Construction of the TIME NXR Instinct module:

	Construction
Frame	Integral HR carbon RTM+ Vectran® fibres VIBRASER technology
Fork	Integral specific carbon Light alloy dropouts
Stem (option)	Monolink Full carbon RTM specific carbon
Seat post	Standard Ø 31.6
Headset	Quick Set with differentiated ball bearings
Accessories	Compression plug Stem spacer set Front and rear brake nuts Cable grommet under bottom bracket Quick Set adjustment levers Cable housing guards (x2) Brake cable o-rings (x3) Protective cable housing

Technical specifications:

- Wheel diameter	700C
- Max tyre section	700 x 25
- Front hub width	100 mm
- Rear hub width	130 mm
- Bottom bracket width	68 mm
- Bottom bracket	**BB 30**
- Double chainline	43.5 mm
- Triple chainline	46.5 mm
- Seat post	Ø 31.6
- Front derailleur type	Braze-on
- Rear derailleur hanger	M10 x 100
- Brakes	Standard calipers (Road 39/50)
- Headset	Integrated

Note: The TIME Fluidity module is ***EN 14781-compliant***

It is protected by the following patents:

- Quick Set headset: EP 1 569 843 and US 7 237 787
- Multi-diameter steerer tube: FR 2 807 382 and US6 805 372
- Composite steerer tube: EP 1 015 301

SAFETY INFORMATION

TIME modules are leading-edge products that have all the safety guarantees for their intended use.
Please read the following instructions carefully to ensure safe use.

Tightening torques:

Torque to the recommended values for optimum operation and safety.
Use a good quality torque wrench

- Seat clamp = **8 Nm (rear screw)**
- Seat collar = **5 Nm**
- Stem rear = **5 Nm** (Steerer tube)
- Stem front = **6 Nm** (Handlebar)
- Brake nuts = **6 Nm**
- Front derailleur hanger = **6 Nm**

Part replacement:

- Only use OEM parts to replace worn parts (bearings, derailleur hangers, etc.)

General use:

- We recommend that you entrust the assembly of your module to a specialist.
- When transporting your bicycle (particularly by air), make sure that it is protected against abnormal distortion or impacts
- Regularly check your bicycle before use
- Keep your bicycle away from excessive heat
- In the event of a fall, have your bicycle checked by your retailer or TIME's customer service.
- If in doubt about a part of your module, contact TIME's customer service.

TIME accepts no responsibility for any incorrect assembly, carried out with unsuitable tools and that does not comply with good practices.

Assembling the bicycle

Before you start assembling the bicycle, check that the accessories and components are compatible with the TIME module.
To adjust the TIME Fluidity module to the user's size and position, the steerer tube length and seat height will have to be adjusted.

Contents:

A) Adjusting the seat height
B) Adjusting the steerer tube height and assembling the stem
C) Selecting the type of gear-shifting system
    1 Assembling a mechanical gear-shifting system
    2 Assembling an electronic gear-shifting system
        a) SHIMANO Di2
        b) CAMPAGNOLO EPS
D) Assembling the bottom bracket
E) Assembling the brake calipers
F) Assembling the front derailleur
G) Assembling the rear derailleur
H) Assembling the rear brake cable
I) Adjustments and maintenance
    1 Adjusting the headset
    2 Replacing the headset bearings
    3 Replacing the rear derailleur hanger
    4 Cleaning

A) Adjusting the SEAT HEIGHT

The TIME Fluidity Module is delivered with a specific seat post that perfectly fits the frame profile
It is also compatible with the specific set for electronic versions

1) Seat installed on the seat post
Check the position of the lower cradle
Loosen the rear clamp screw to insert the seat clamp wires (fig. 1)



Fig. 1



Fig. 1

Pre-tighten the seat on the clamp to adjust its horizontal position (fig. 2)

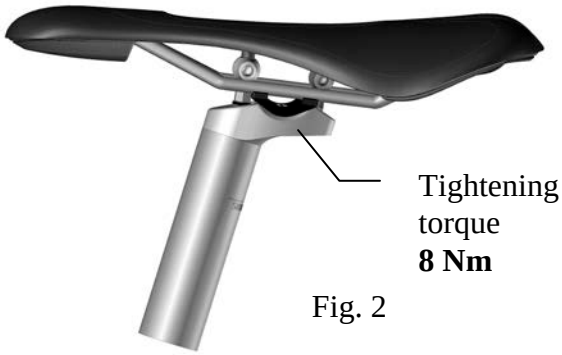


Fig. 2

2) Fit the assembly to the Fluidity module/frame
The seat collar must be installed on the frame, screws loose
Drive the seat post straight into the frame without turning (fig.3)

To ensure that the seat post will stay in place, we would advise not to lubricate it. However, if it does need to be lubricated, apply on the interior surface of the frame, without lubricating the clamp's clamping surface (point of contact between clamp and stem) or the seat!

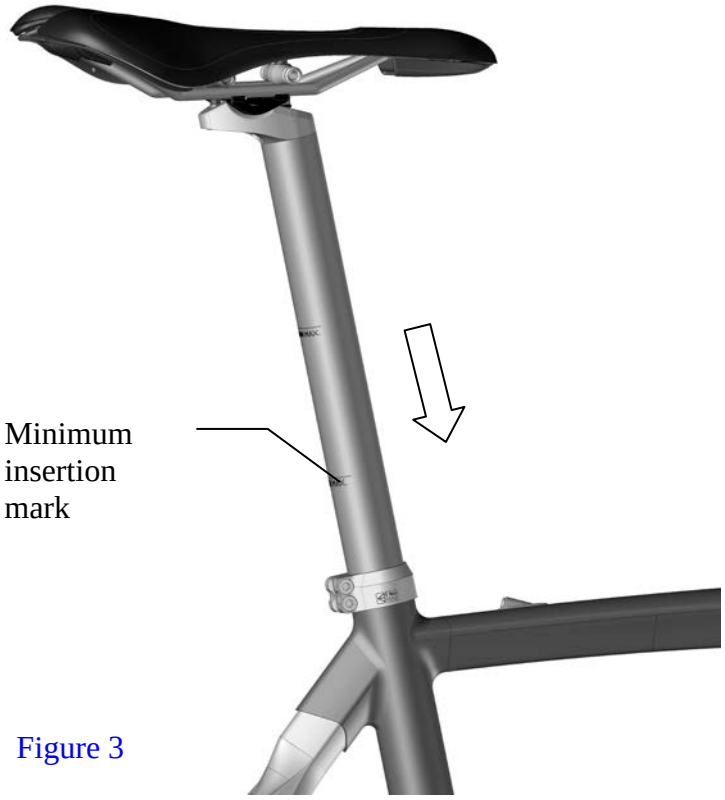


Figure 3

3) Clamping the seat collar
Once the seat height is adjusted, torque the seat collar to **5Nm, tightening each screw gradually and alternately** (fig. 4)

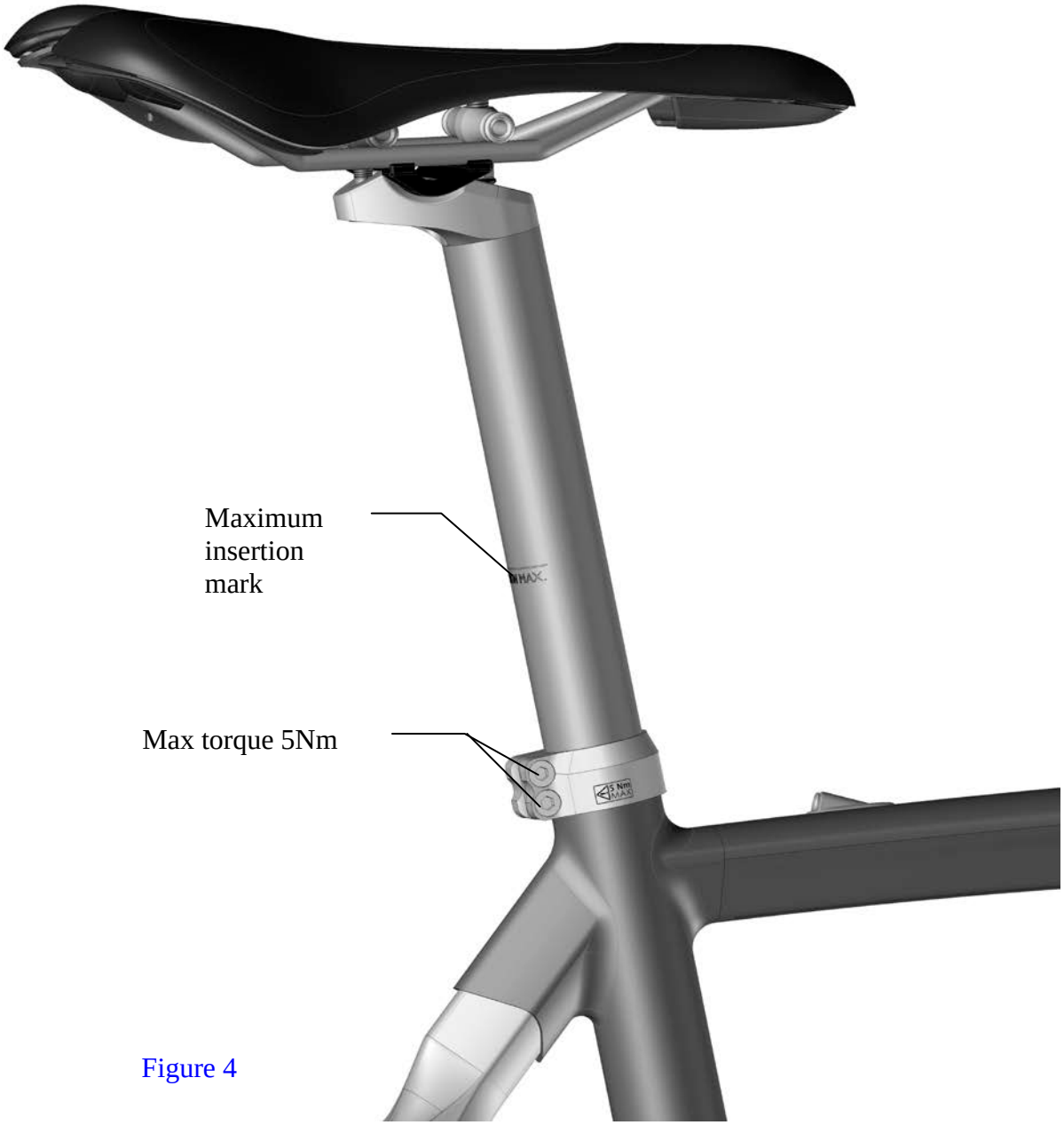


Figure 4

Important:

The seat post must never be beyond the limit: <u>Sortie Max (Raise max)</u>
The seat post must never be beyond the limit: <u>Insert Max</u>

B) ADJUSTING THE FORK LENGTH AND ASSEMBLING THE STEM

TIME Fluidity modules and frames are fitted with a patented headset system: QUICKSET

The QUICKSET concept involves separating the headset adjustment from the stem adjustment while preserving the benefits of the Aheadset system. The cyclist can adjust their position without any headset adjustment constraint. This solution eliminates the use of complex compression systems.

The QUICKSET headset is factory-set, therefore preliminary disassembly is not necessary

1) Installing the handlebar on the stem

- Install the 31.8 handlebar. Assemble the stem head with the screws and evenly torque to **6 Nm**.

Important: A handlebar with a diameter below 31.7 or above 31.9 may cause risks during use

2) Stem trial assembly

- Carry out preliminary trial assembly of the stem to determine the height (fig.5)
- For optimum adjustment, a set of 3 spacers (5, 10 and 15 mm) is delivered with the module. These spacers include an o-ring which eliminates vibrations!
- Test the stem height adjustment

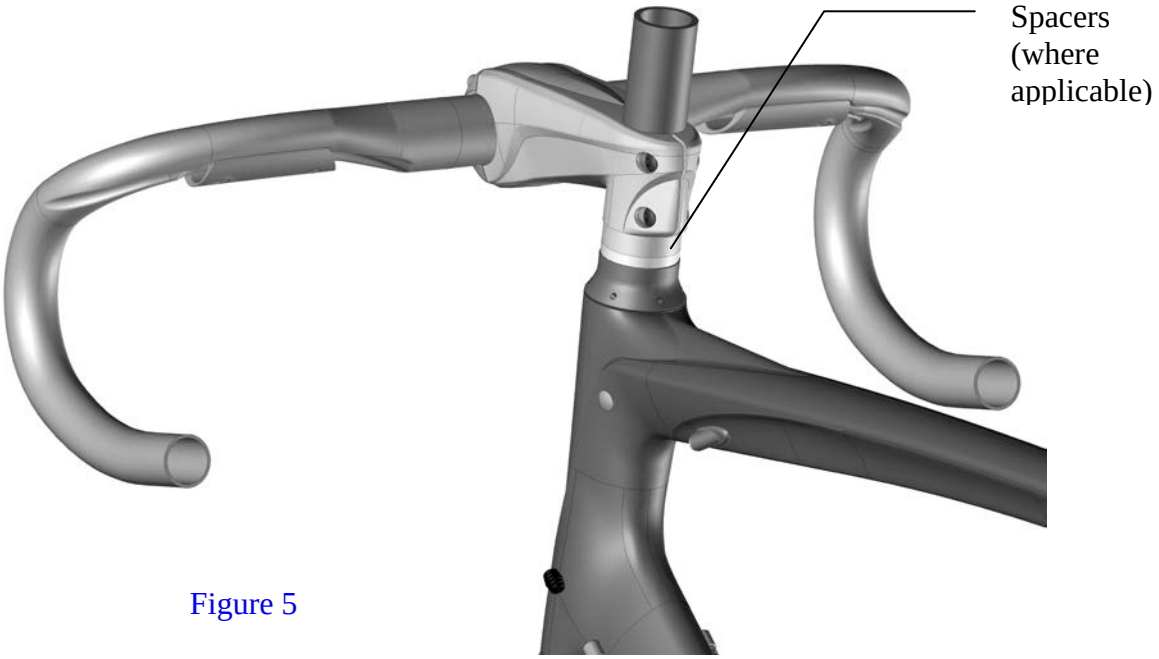


Figure 5

- **For safety purposes, do not use any spacers other than those supplied**

3) Cutting the steerer tube to length

- Remove the stem (**leaving the spacers if there are any**)
- The steerer tube must be cut to length using a suitable tool.

TIME offers a tool for this purpose (P/N: 55006322)

- Clamp the tool, resting it against the headset cup or spacers

- Cut the steerer tube to length, **straight without drifting** (use a hacksaw blade in good working order) (fig. 6)
- Remove the tool and wipe off any carbon burrs and dust

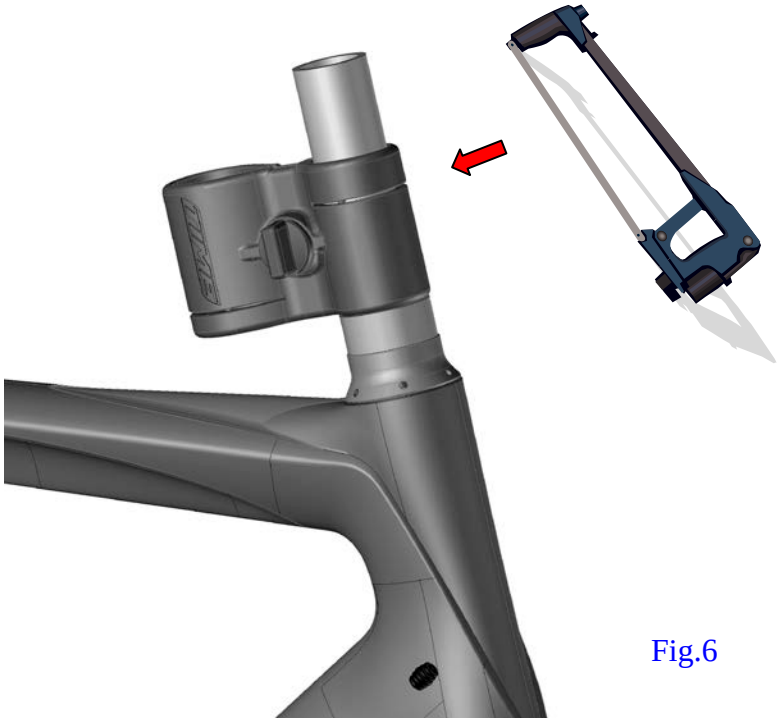


Fig.6

We recommend cutting the steerer tube using a suitable guide
- TIME tool in the toolbox
- VAR FH 92900 tool

Cut perpendicularly to the steerer tube axis

4) Fit the stem back on
- Install the stem, leaving a 0.5 to 2 mm gap between the top end of the steerer tube and the upper face of the stem (fig. 7)
- Insert the compression plug into the steerer tube.
- Align the stem
- Tighten the stem onto the steerer tube to **5 Nm** (use a torque wrench) (fig.8)

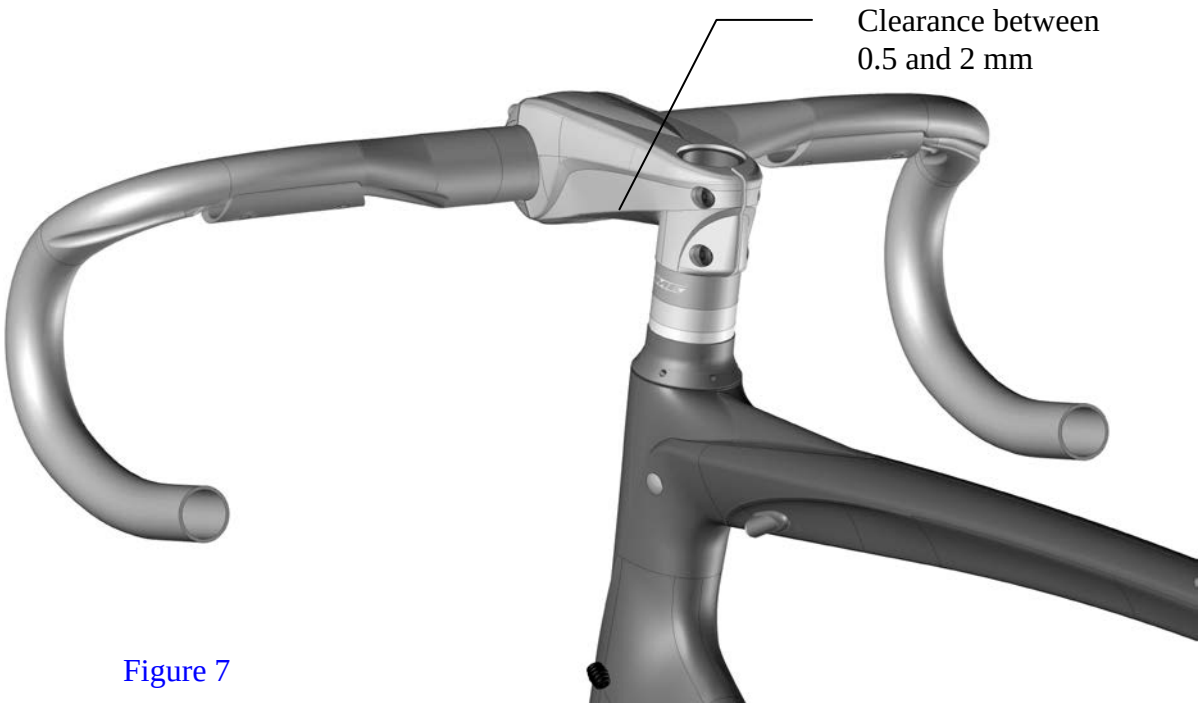


Figure 7

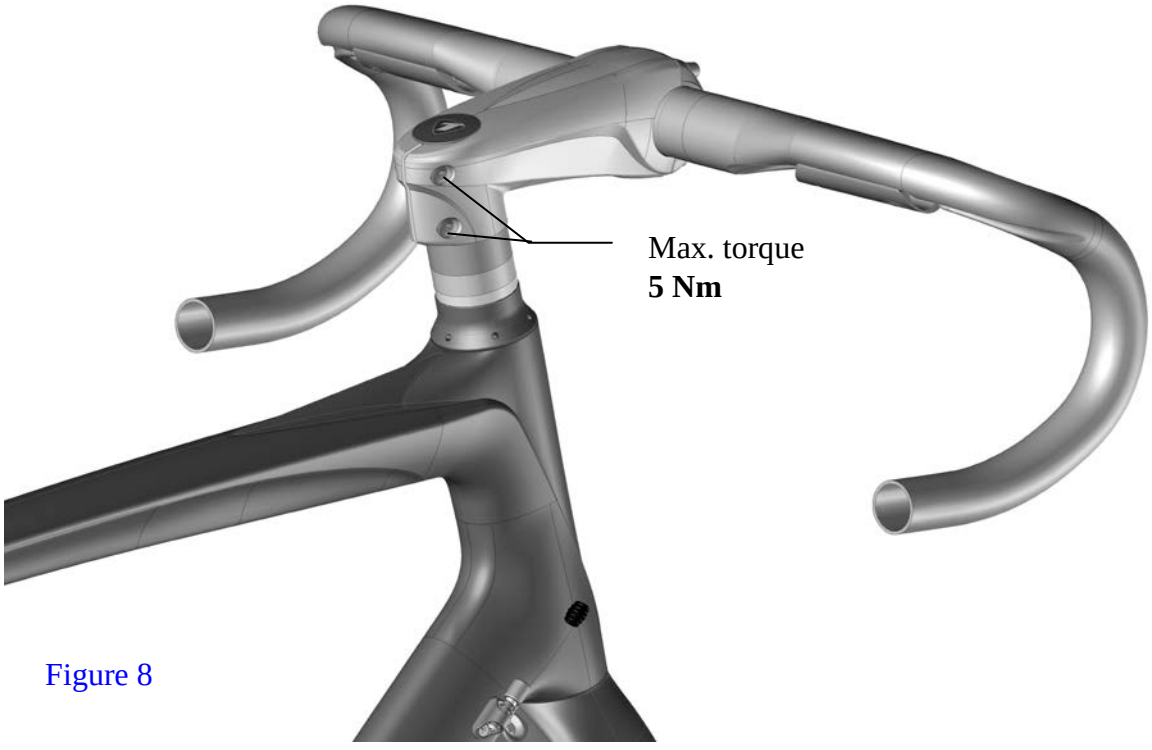


Figure 8

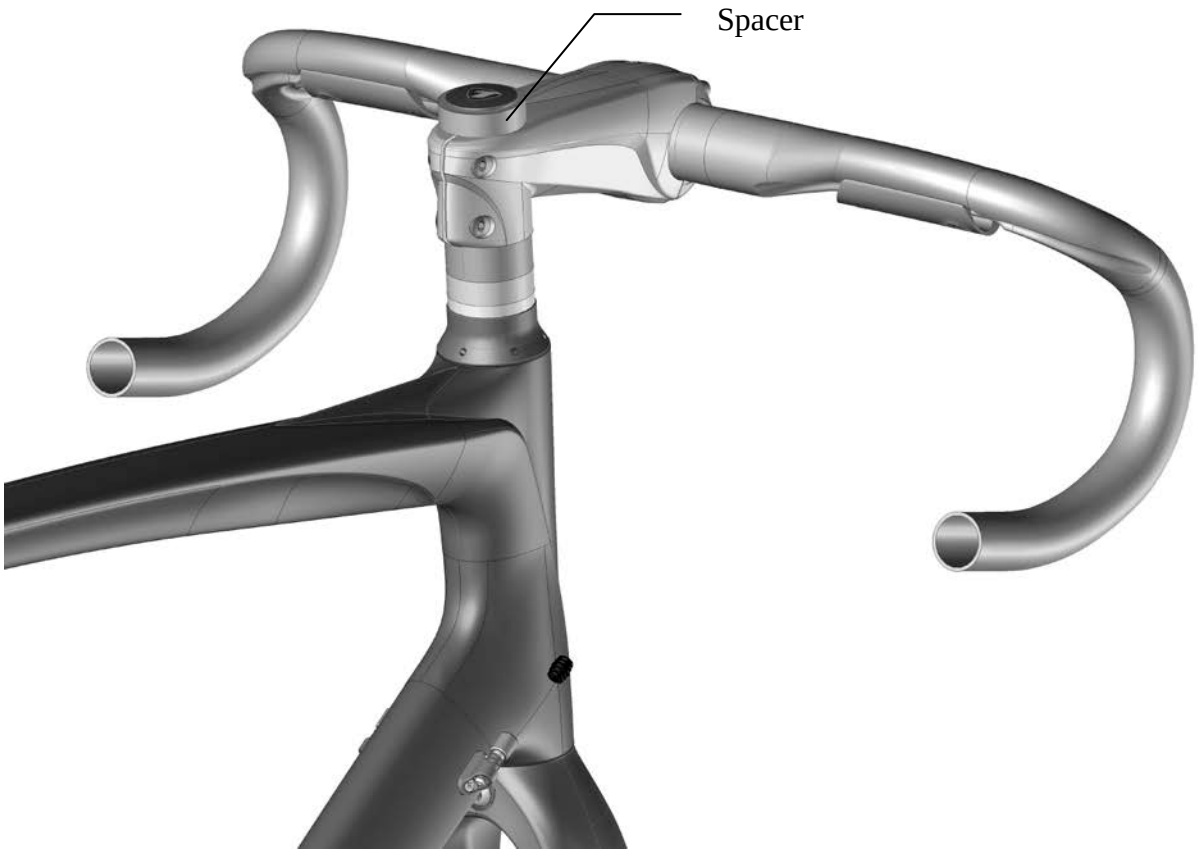
Important: The compression plug is specific to the TIME Fluidity module
No other model is compatible

Important: do not over-tighten the stem. It could cause permanent damage to the steerer tube.

Important: detailed assembly instructions for the TIME MONOLINK Full carbon stem are available

5) Position adjustment phase

When adjusting the cyclist's position, a 10mm spacer **maximum** may be fitted on top of the stem (fig. 9)
This adjustment phase must not exceed 500km



Important: Failure to comply with the above instructions may lead to significant risks
TIME accepts no responsibility for any non-compliant assembly

C) SELECTING THE TYPE OF GEAR-SHIFTING SYSTEM

TIME Fluidity modules and frames are compatible with mechanical or electronic (SHIMANO Di2 or CAMPAGNOLO EPS) gear-shifting systems

By default the frame is prepared for a mechanical system, but has cable grommets for electronic versions

1) Assembling a mechanical gear-shifting system

Once the brake levers are assembled on the handlebar, and the derailleur cable housing length has been adjusted, install the derailleur cables conventionally

a) Front derailleur cable housing

It must be installed over the front derailleur cable to protect the frame against friction (fig. 9)

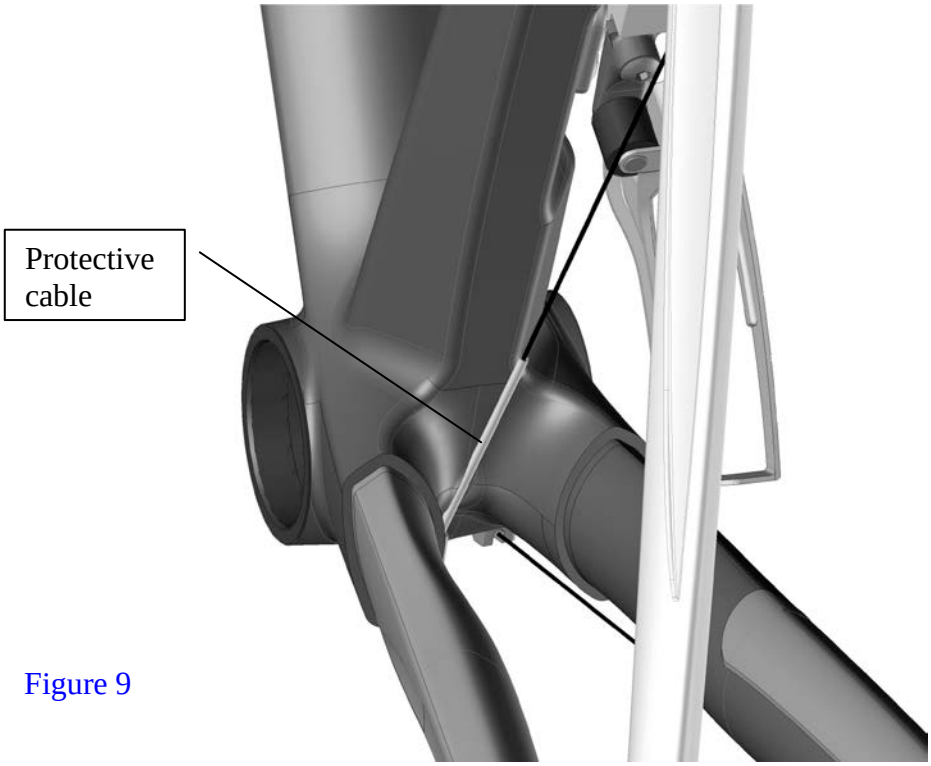


Figure 9

b) Installing the plugs

Now remove the cable guides (nylon threads) used for electronic systems, then plug the holes (fig. 15)

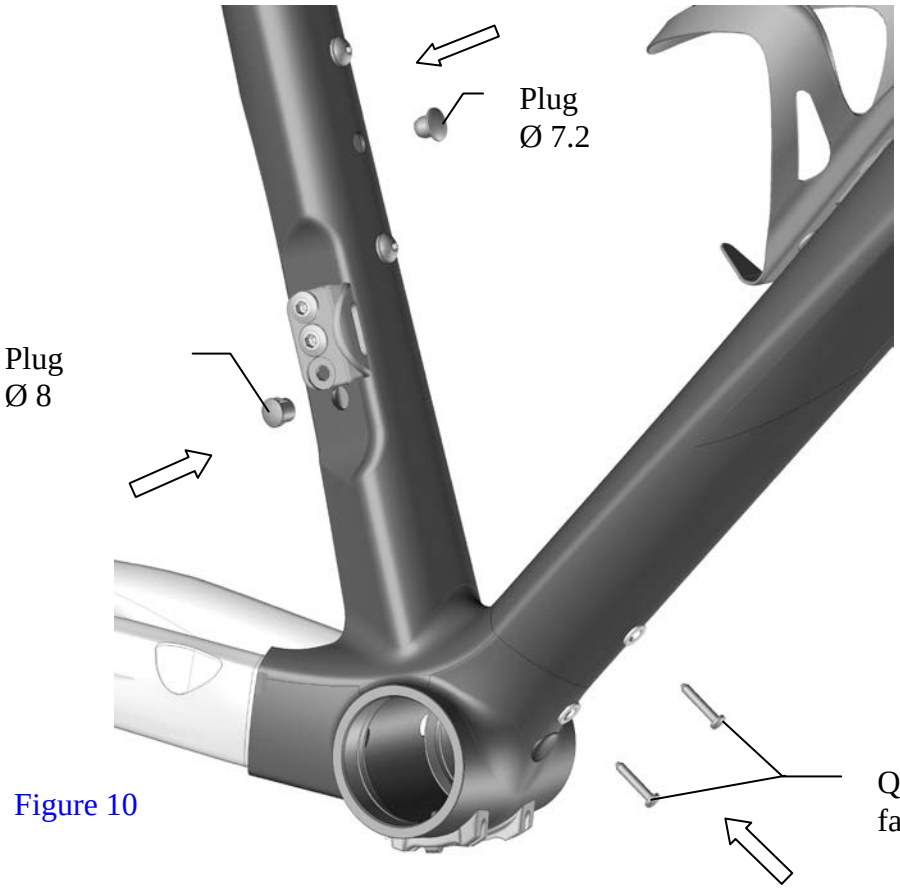


Figure 10

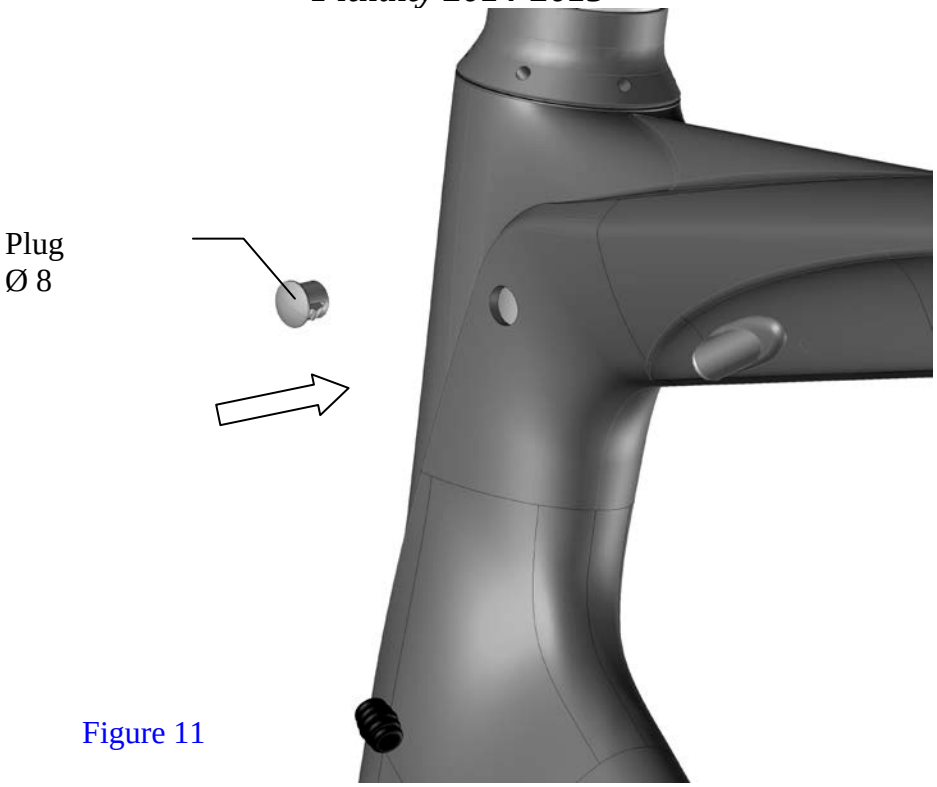


Figure 11

c) Installing the right-hand chain stay plug

To prevent water building up inside the frame, a tapered plug must be inserted in the rear right dropout
The plug must be installed in the hole used for the derailleur cable for electronic versions (Fig 12)

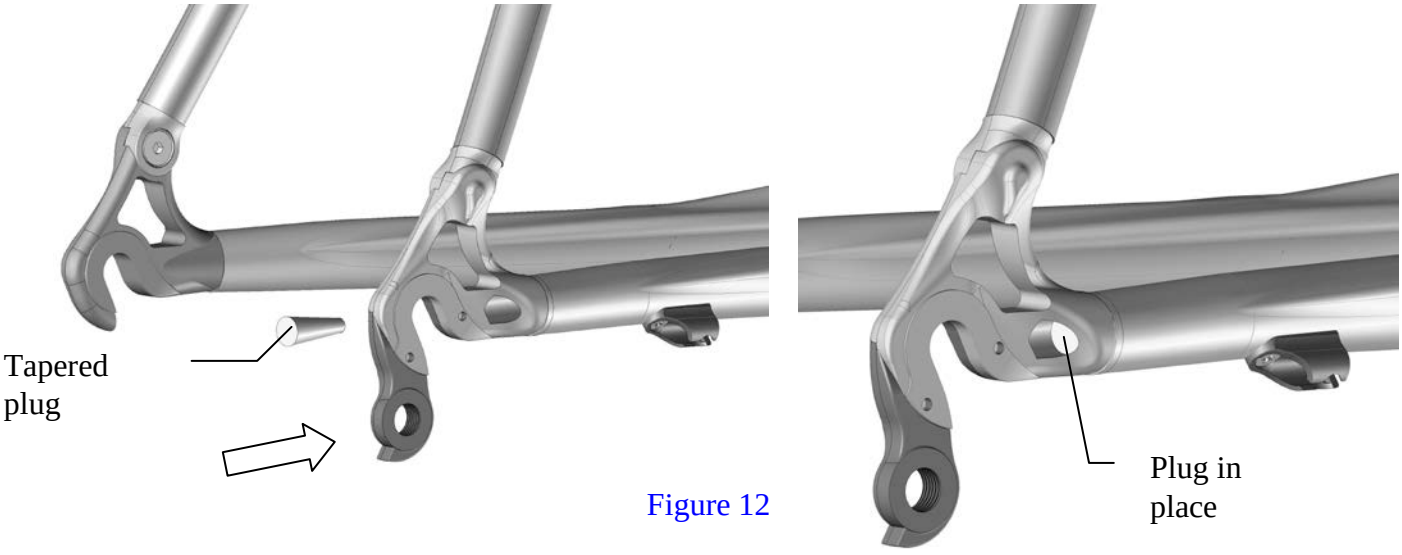


Figure 12

Important: the plug must not be driven in too far in the rear right hand dropout, otherwise it will not be efficient

2) **Assembling an electronic gear-shifting system**

Important: wiring a frame is a delicate operation which should be entrusted to a qualified specialist: retailer approved by Time, distributor, etc.
For any specific questions about electrical elements and not related to the frame, refer to the groupset manufacturer's technical instructions and manuals.

TIME Fluidity framesets come with a preassembly for mechanical groupsets
To fit an electronic groupset to your bicycle, you must first remove any parts dedicated to mechanical derailleurs

A specific set (P/N: 55007940) must also be used to guarantee full compatibility with other available groupsets (SHIMANO Di2 or CAMPAGNOLO EPS)

Disassembling mechanical derailleur parts

Remove the adjustable cable housing stops from the down tube by loosening the POSIDRIV screws
Then install the plugs (fig.13)

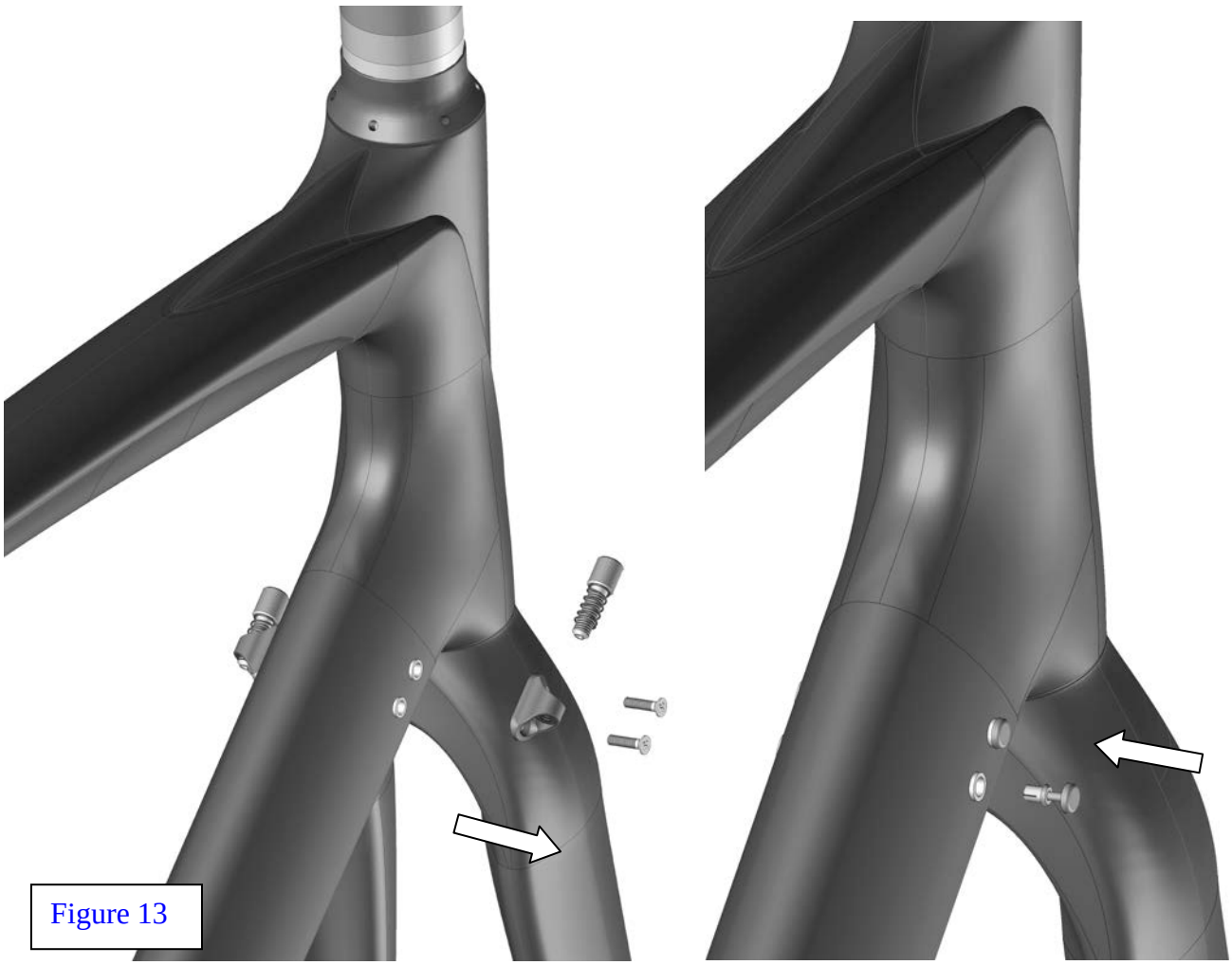


Figure 13

Remove the cable housing from the chain stay by loosening the POSIDRIV screws (fig.14)

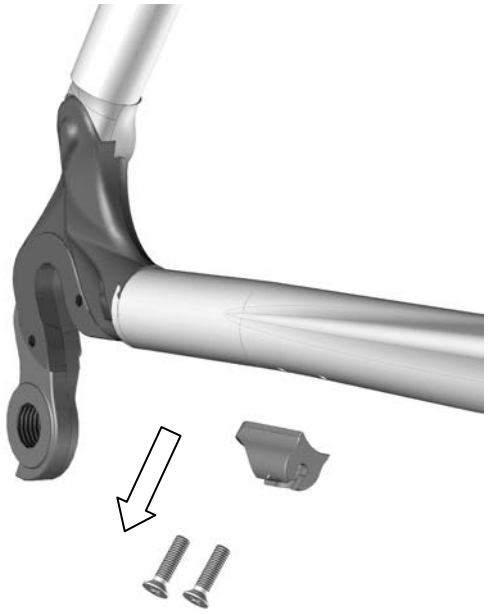


Figure 14

Contents of the specific set for assembling electronic groupsets (fig. 15):
P/N: 55007940

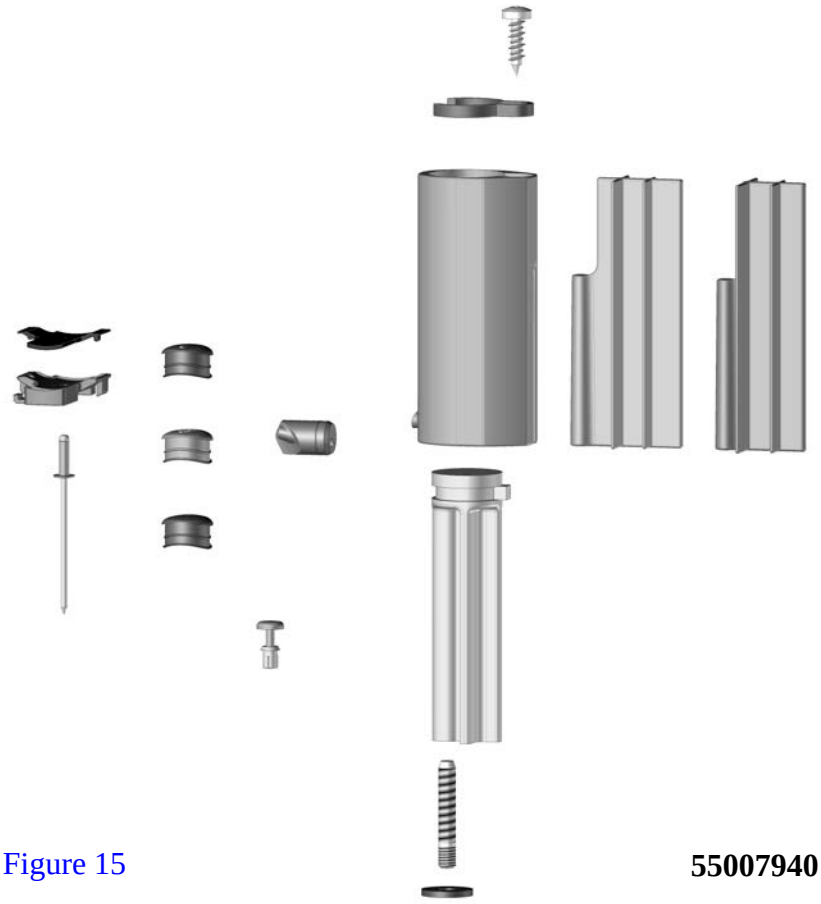
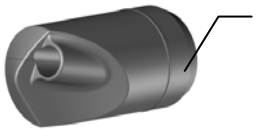


Figure 15 **55007940**

a) TIME Fluidity fitted to a SHIMANO Di2 groupset

Specific TIME components to use

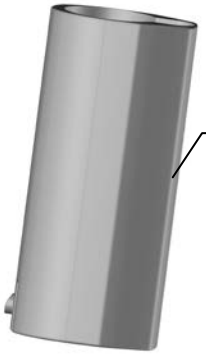


Rear dropout joint

Clamp

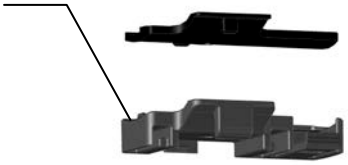


Screw



Holder

JUNCTION B holder



Rivet Ø 2.4 x 8



Note: Junction B holder is only used with TIME Monolink Full Carbon stems

Equipment not supplied and required for assembly (Shimano):

Description	SHIMANO P/N
Internal power unit	SM – BTR2
Seat post/power unit cable	SM EW SD50IL 100 (1000 mm)
Down tube/bottom bracket cable	SM-EW SD50IL 95 (950 mm)
Down tube/bottom bracket cable	SM EW SD50IL 60 (600 mm)
Front derailleur cable	SM EW SD50IL 40 (400 mm)
Bottom bracket junction box	SM-JC 41
Junction box to controls	SM-EW90-A (3 ports) OR SM-EW90-B (5 ports)
Shimano grommet (Grommet)	SM-GM02 (2 parts)

Other components are to be selected by the end user in line with the intended use of the bicycle and must be compatible with the wiring.

Installing the power unit on the seat post

The SHIMANO **SM-BTR2** power unit must be assembled onto the TIME seat post using the supplied Multi-Fit parts

- Slide the SM-BTR2 power unit into the Multi-Fit holder (fig. 16)



Figure 16

- Lodge the clamp into the dedicated groove (fig. 17)

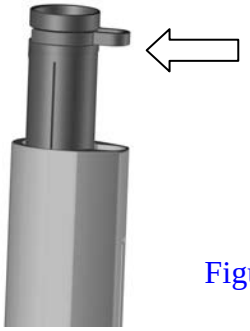


Figure 17

- Slide the power unit and clamp into the dedicated housing (fig. 18)



Figure 18

- Tighten the screw (moderately) (fig. 19)



Figure 19

- Slide the assembly into the seat post tube (fig. 20)



Figure 20

- Clip the assembly into the seat post tube hole (fig. 21)

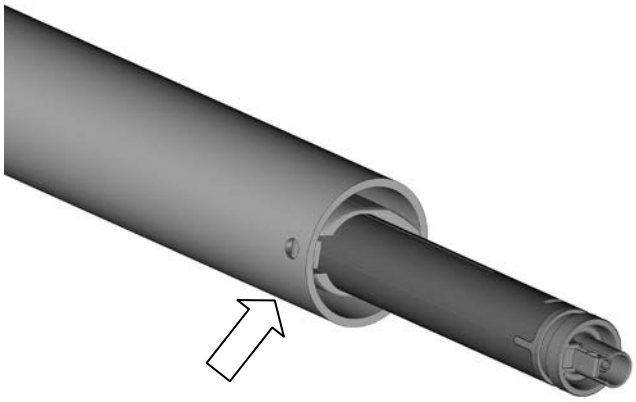


Figure 21

Your SHIMANO SM-BTR2 power unit is now attached to the seat post

Wiring **EW-SD50** wires in the frame

Run cable **SM-EWSD50IL95** (950mm long) through the **down tube**. Use the wire already routed through the frame:

- Tie the connector to the end of the wire on the top of the down tube.
- Pull the wire towards the bottom bracket so as to replace it with the electric cable

Run cable **SM-EWSD50IL100** (1000mm long) through the **seat post**. Use the wire already routed through the frame:

- Tie the connector to the end of the wire towards the front derailleur.
- Pull the wire towards the bottom bracket so as to replace it with the electric cable

Run cable **SM-EWSD50IL60** (600mm long) through the **right hand chain stay**. Use the wire already routed through the frame:

- Tie the connector to the end of the wire towards the rear right dropout (rear derailleur).
- Pull the wire towards the bottom bracket so as to replace it with the electric cable

Run cable **SM-EWSD50IL40** (400mm long) through the **seat post**. Use the wire already routed through the frame:

- Tie the connector to the end of the wire towards the front derailleur.
- Pull the wire towards the bottom bracket so as to replace it with the electric cable

- You should now have four ends of electric cable EW-SD50 routed to the bottom bracket. (fig. 22)

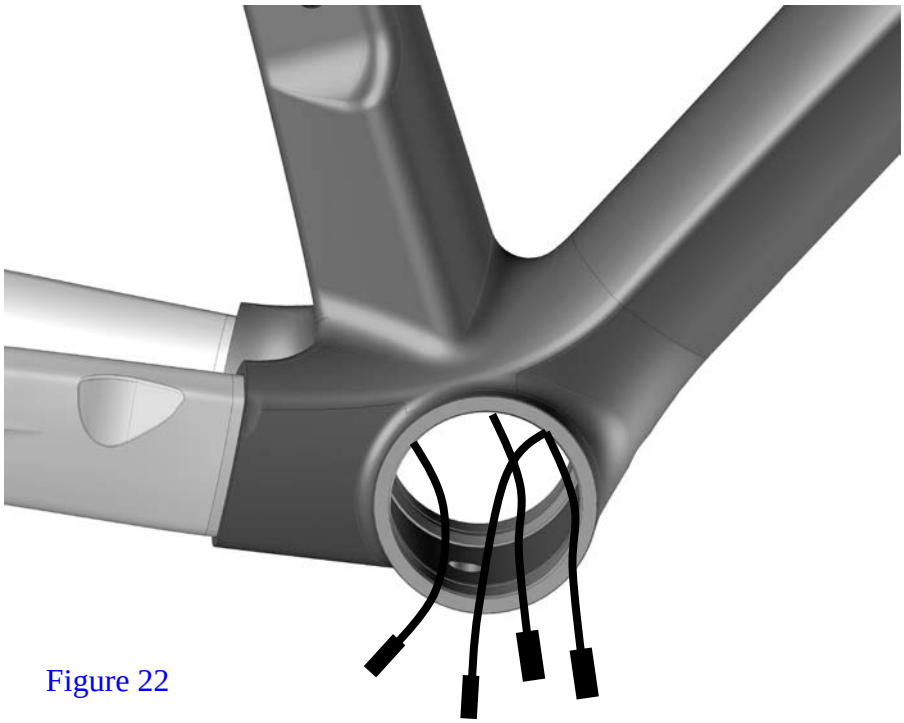


Figure 22

Connect element **SM-JC41** to the four cables in the bottom bracket. Cable order is not important. Preferably connect cable **SM-EWSD50IL100 and cable SM-EWSD50IL40** to the same side of **SM-JC41.** (fig. 23)

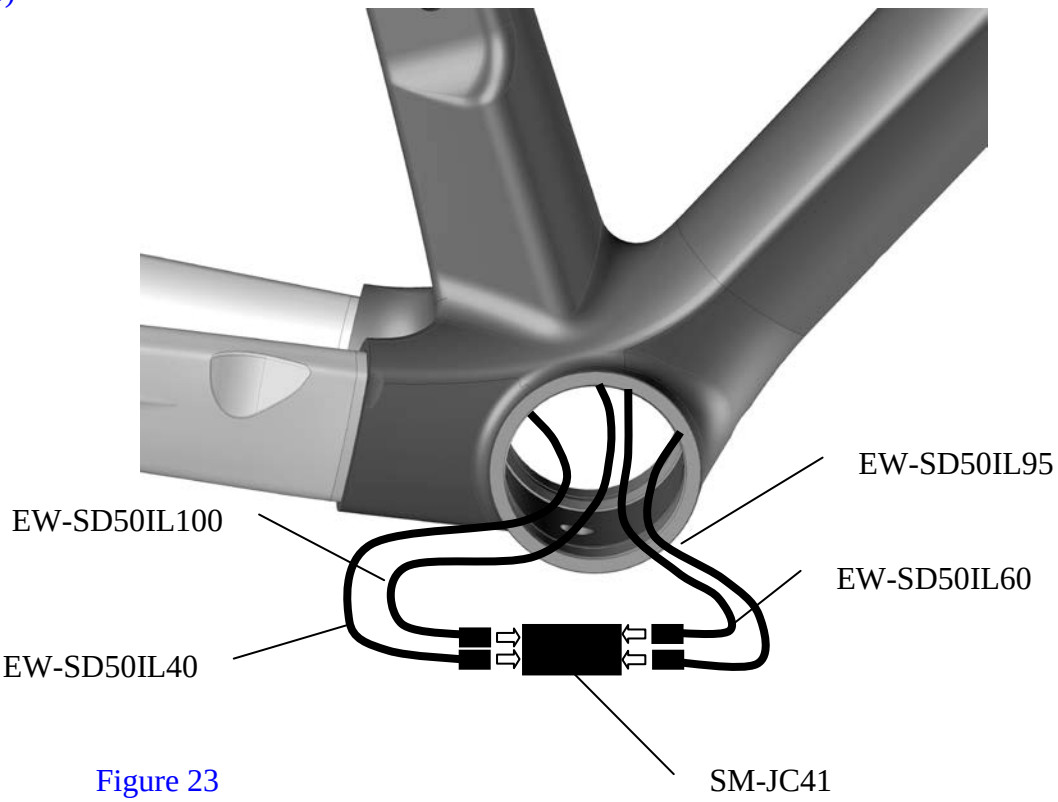


Figure 23

Now, run the connected **SM-JC41** through the seat tube, routing the cables as follows: (fig. 24)

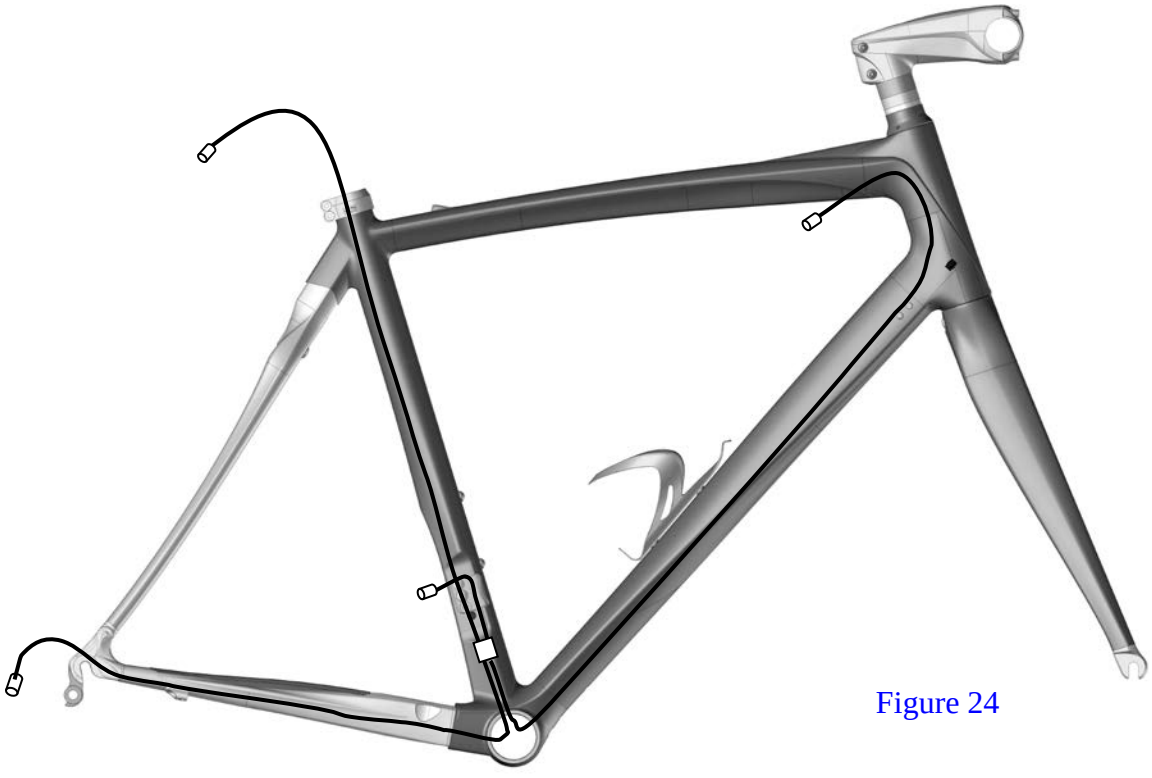


Figure 24

You can now connect the power unit to cable **SM-EWSD50IL100,** then attach the seat post to the seat tube (fig. 25)

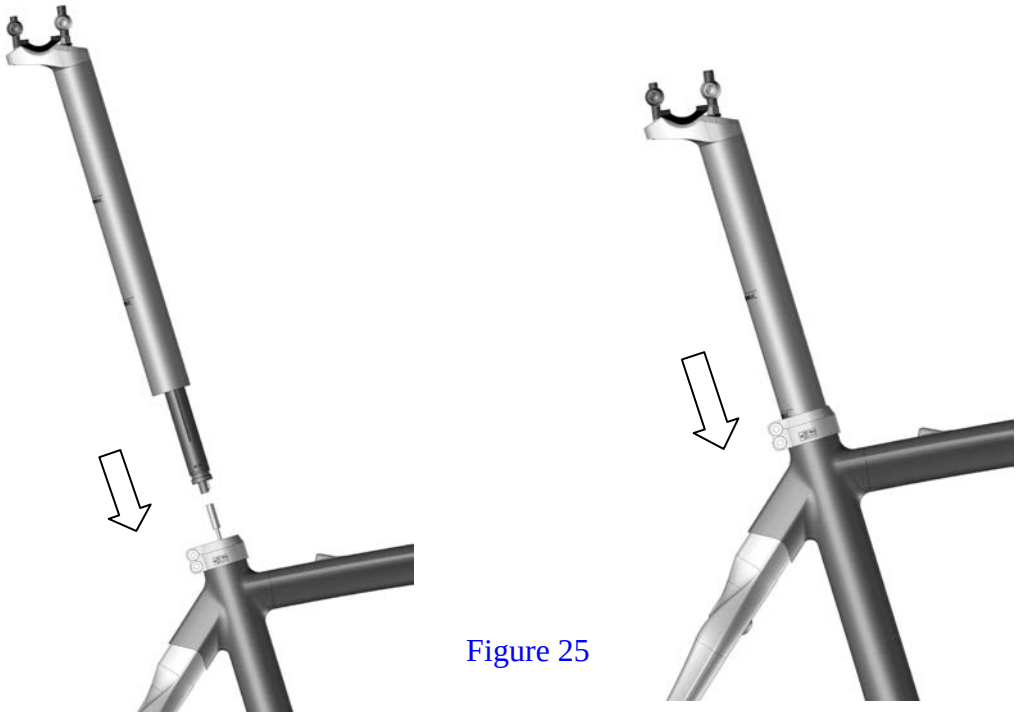


Figure 25

Fit the TIME dropout joint to the rear right dropout and the Shimano grommets to the inlet holes for the front derailleur and junction wires (top of down tube).
(fig. 26 & 27)

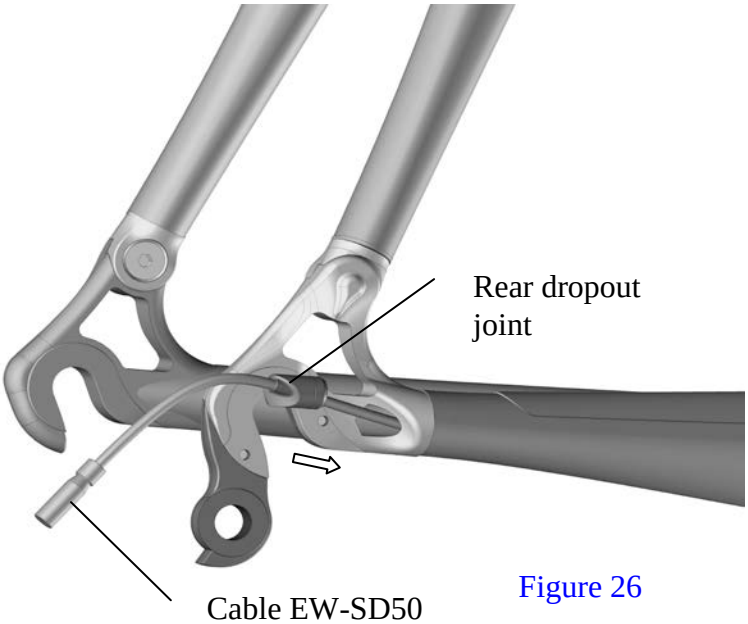


Figure 26

Open the joint using the slot then slide the part over the cable

Install the joint at the required distance

Slightly moisten or lubricate the joint so that it slides more easily into its housing

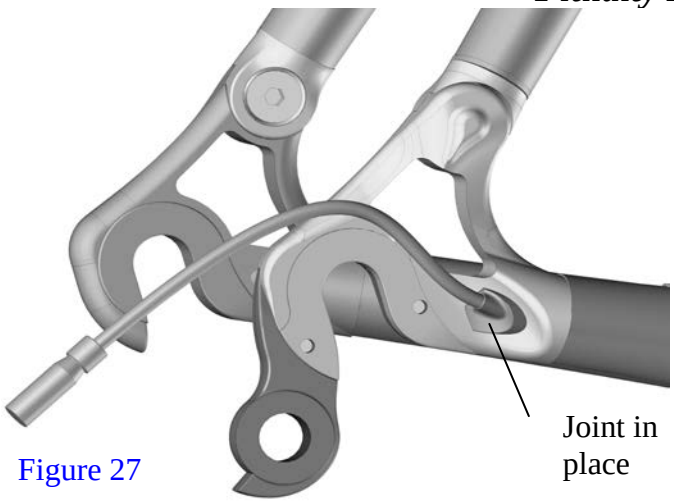


Figure 27

Position it correctly then push firmly into place

Assembling SHIMANO grommets (fig. 28)

- Head tube
- Seat tube towards front derailleur dropout

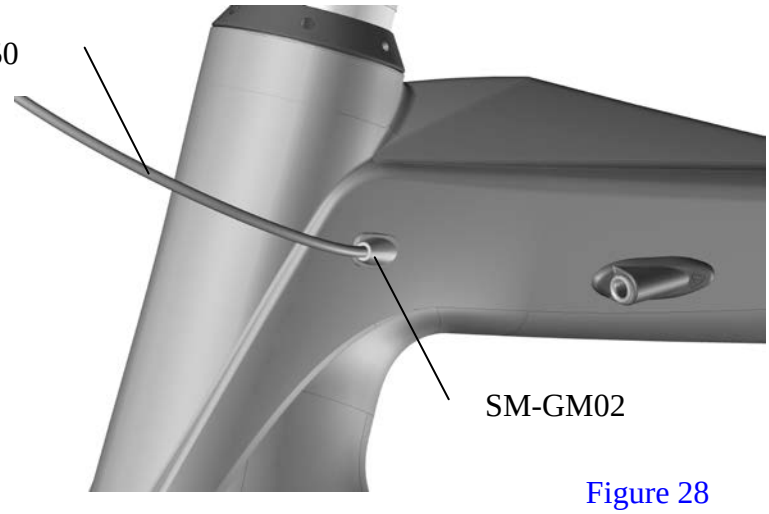


Figure 28

The groupset is now ready to be installed. Refer to Shimano recommendations regarding derailleur installation and adjustment procedures. Similarly, levers can be installed and the connection to cable ***SM-EWSD50IL95*** *(using any harness compatible with Shimano) may be performed in line with Shimano procedures.*

This procedure only involves Modules and Modules Plus delivered with a TIME MONOLINK Ulteam stem.

For stems, TIME offers a solution for fitting the Junction B that eliminates the unsightly clamp

A Junction B holder and a rivet were supplied with your module.

TIME MONOLINK Ulteam stems are pre-bored to accommodate this assembly

Proceed as follows:

- install the parts (fig.29)
-

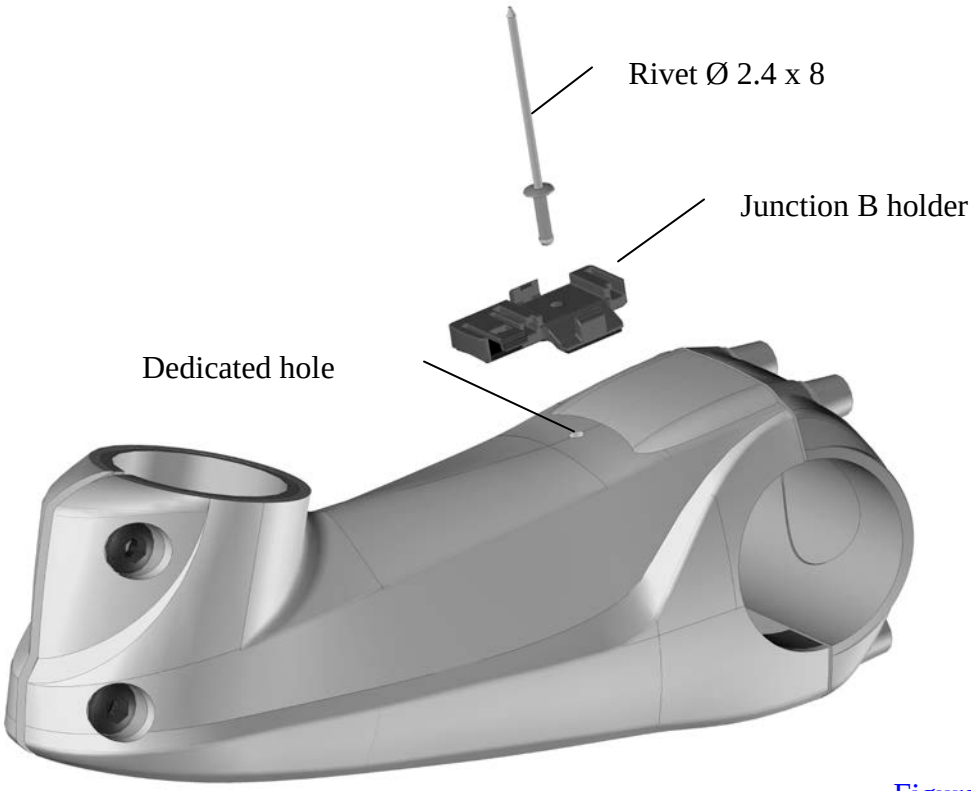


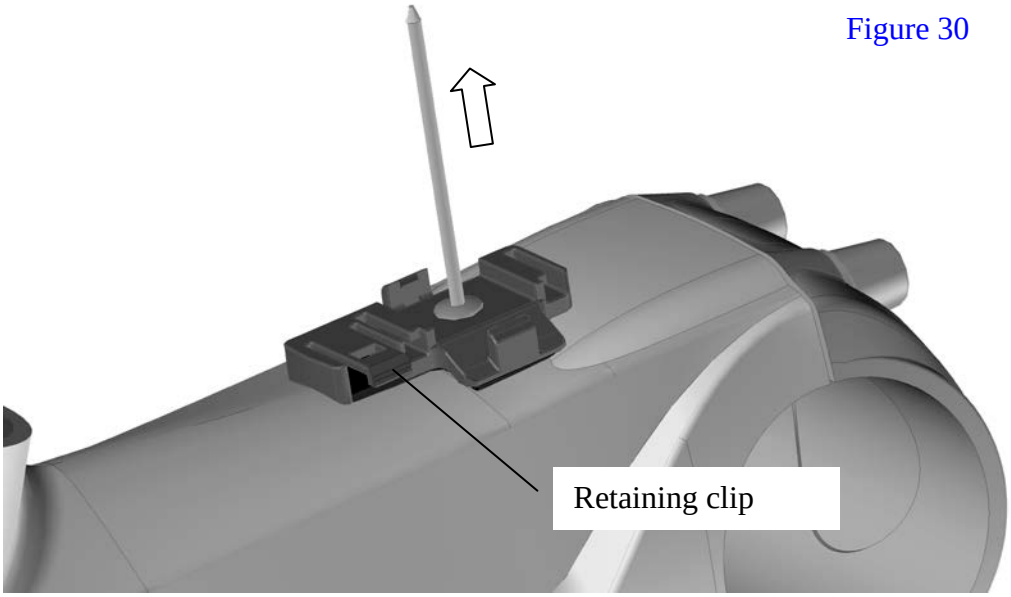
Figure 29

- rivet using suitable riveting pliers

- rivet using suitable riveting pliers (fig.30)

Check the position of the holder: The retaining clip must be on the left hand side of the bike (forward-facing)

Figure 30



- Once the stem is fitted to the frame, you will be able to attach the **SM-EW90-A** or **SM-EW90-B** Junction Box (fig.31)

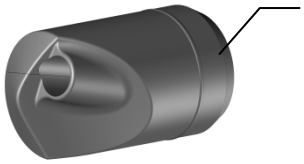


Figure 31

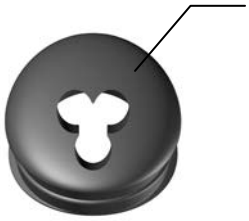
b) **TIME Fluidity fitted to a CAMPAGNOLO EPS groupset**

Important:
This frame is not compatible with an integrated PU14-REEPS Power Unit
Instead, use an external PU12-REEPS Power Unit or PU14-REEPS Power Unit with external adapter

Specific TIME components to use



Rear dropout joint



CAMPAGNOLO plug

Equipment not supplied and required for assembly (Campagnolo):

Description	CAMPAGNOLO P/N
External power unit	Power Unit PU12-REEPS or Power Unit PU14-REEPS (V2)
External power unit holder	AC12 - HOOPTEPS No-standard Power Unit Holder or AC14-HOEXEPS

Other components are to be selected by the end user in line with the intended use of the bicycle and must be compatible with the wiring.

Preparing the Power Unit V2 (refer to CAMPAGNOLO documentation)

- Attach the Power Unit V2 clamp to the frame with the threaded nuts (fig.32)

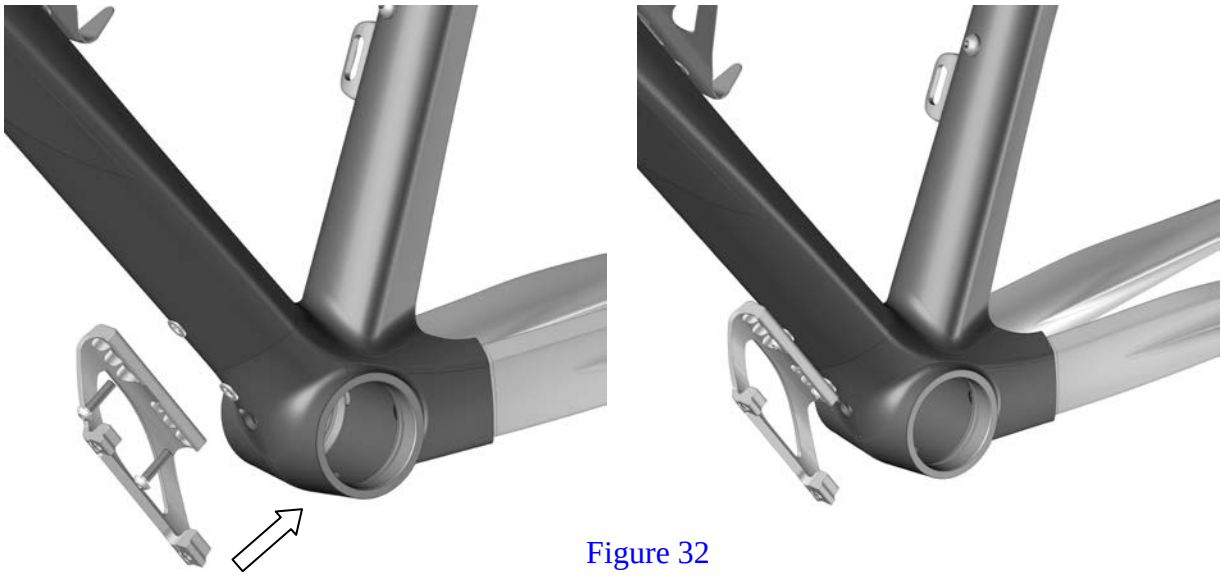


Figure 32

- Run the Power Unit V2 wires through the frame then install the plug (fig.33)

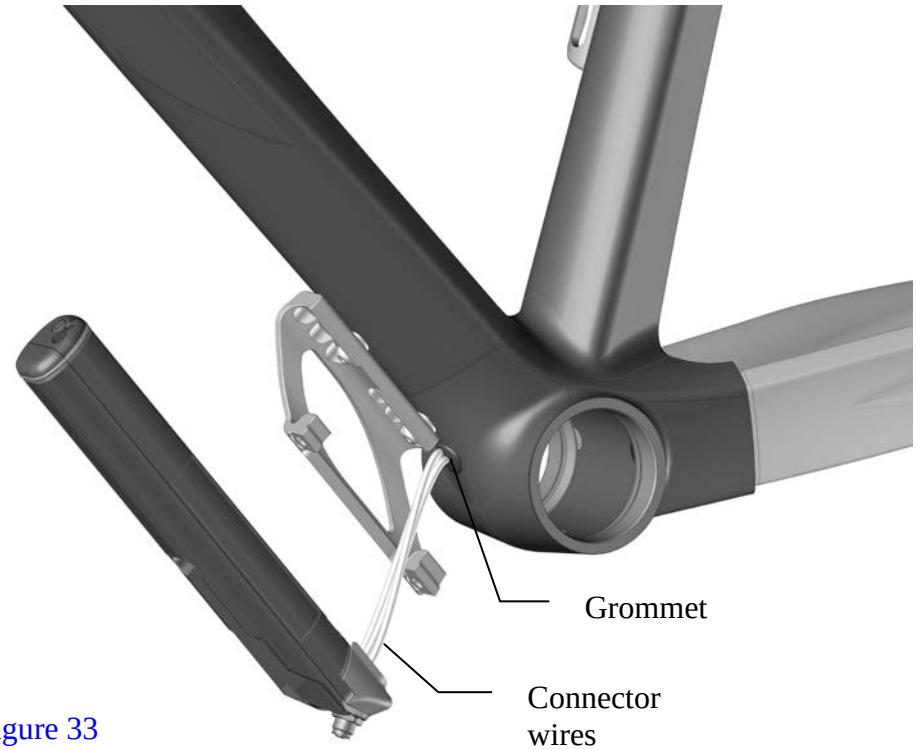


Figure 33

- Fasten the part with the supplied screws (fig.34)
-

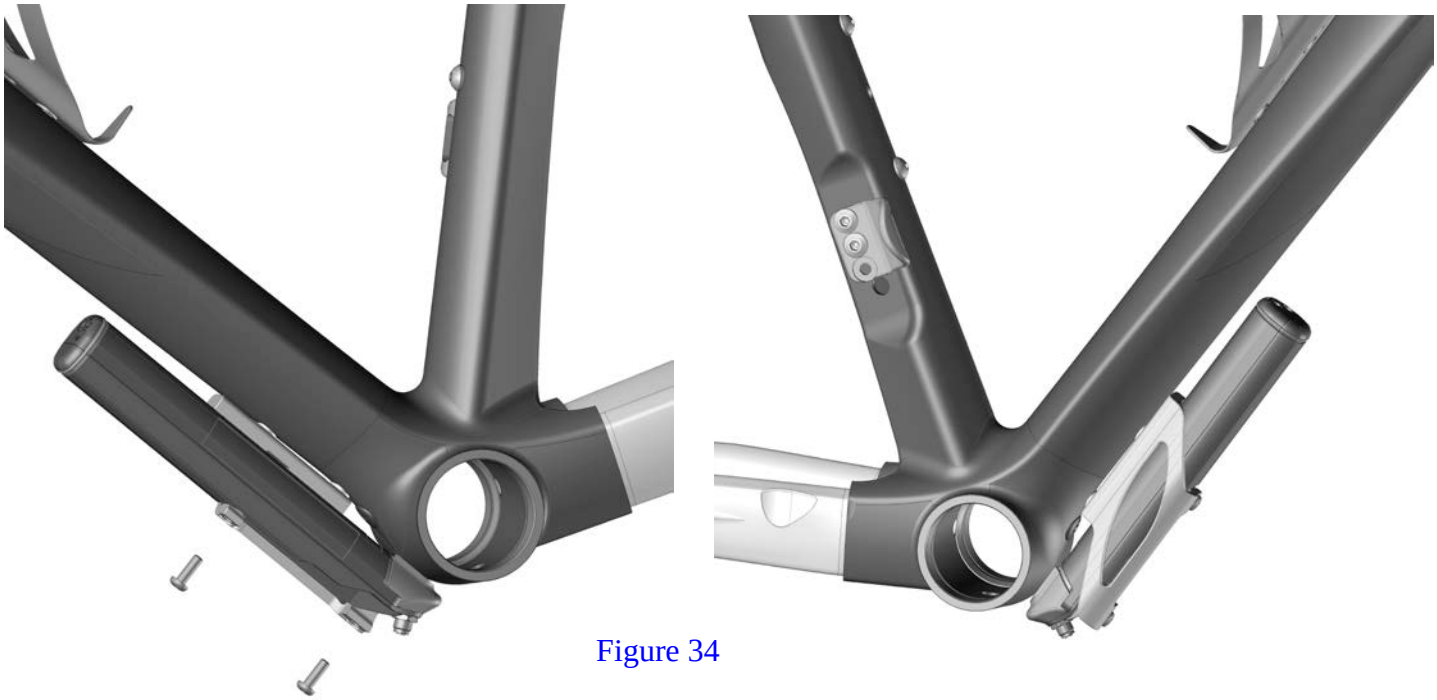


Figure 34

- Finalise the routing of the control cables
- To do this, you can either use the TIME nylon threads already in place or the magnetic tool supplied by CAMPAGNOLO (fig.35)

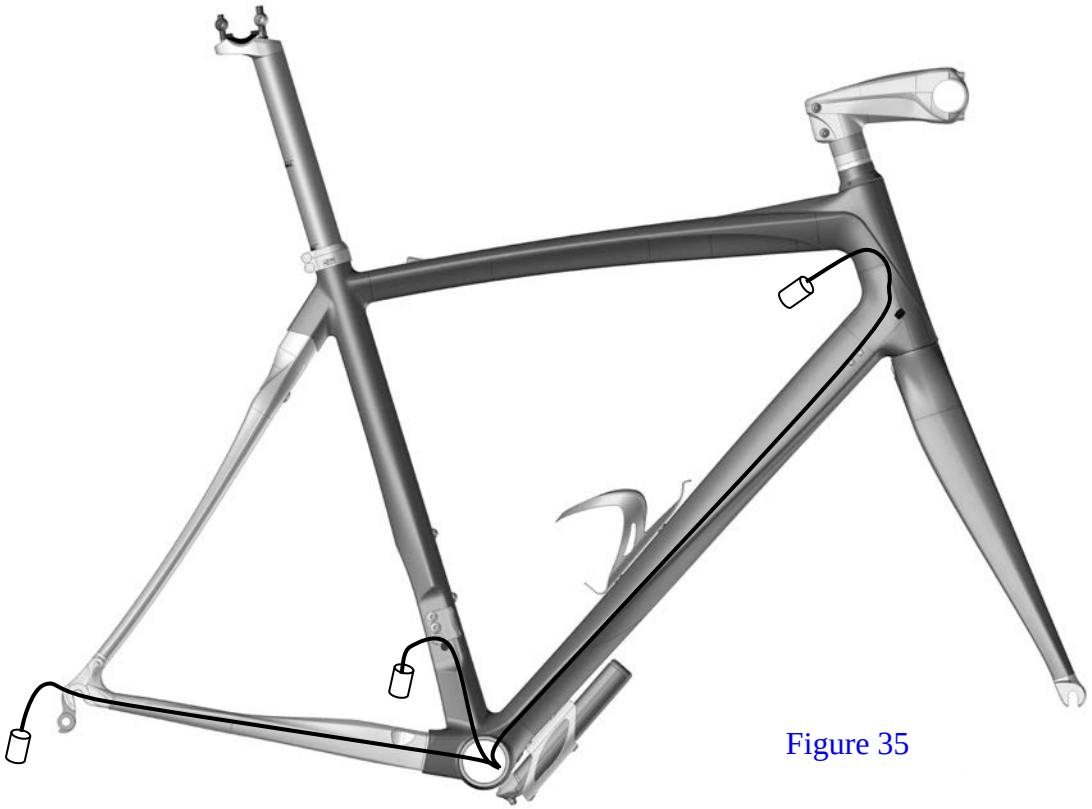


Figure 35

Fit the TIME dropout joint to the rear right dropout and the Campagnolo grommets to the inlet holes for the front derailleur and junction wires (top of down tube).
(Fig 36&37)

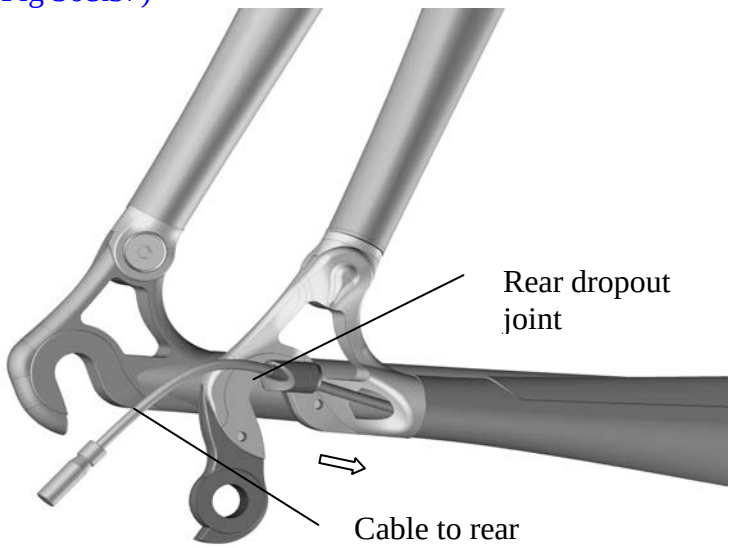


Figure 36

Open the joint using the slot then slide the part over the cable

Install the joint at the required distance

Slightly moisten or lubricate the joint so that it slides more easily into its housing

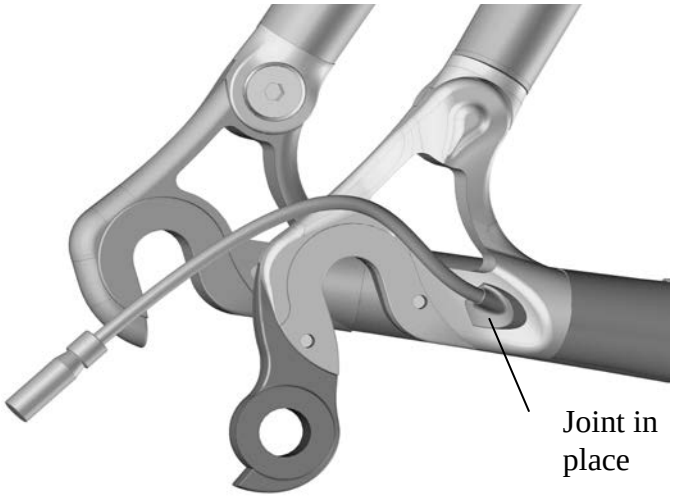


Figure 37

Position it correctly then push firmly into place

Assembling CAMPAGNOLO grommets (fig.38)

- Head tube
- Seat tube towards front derailleur dropout

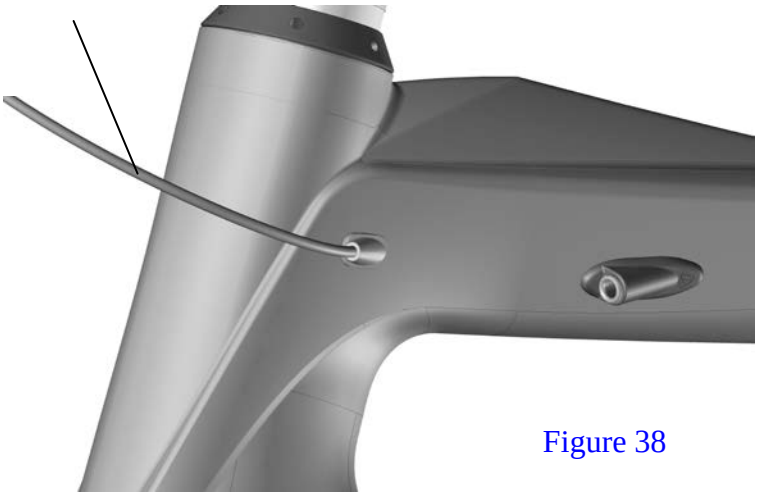


Figure 38

The groupset is now ready to be installed. Refer to Campagnolo recommendations regarding derailleur installation and adjustment procedures.

D) ASSEMBLING THE BOTTOM BRACKET

TIME Fluidity modules and frames are designed to be compatible with the new standard for bottom brackets, BB 30

Before you start assembling, check that the chainset is compatible with BB30 (some manufacturers will provide an adapter from standard BSC to BB30)

Follow the bottom bracket manufacturer's specifications for the assembly

Important: The bottom bracket bearing seatings are factory tested, therefore no rework is required prior to assembly

E) ASSEMBLING THE BRAKE CALIPERS

Before assembling, read the manufacturer's specifications sheet for the braking system

TIME modules are delivered with specific brake nuts which must be installed instead of the OEM brake nuts

- Front nut 36 mm long (P/N: 60005998)
- Rear nut 24 mm long (P/N: 60006873)
- Slightly lubricate the nut before assembling
- Torque to **6Nm** using a torque wrench (fig.39)

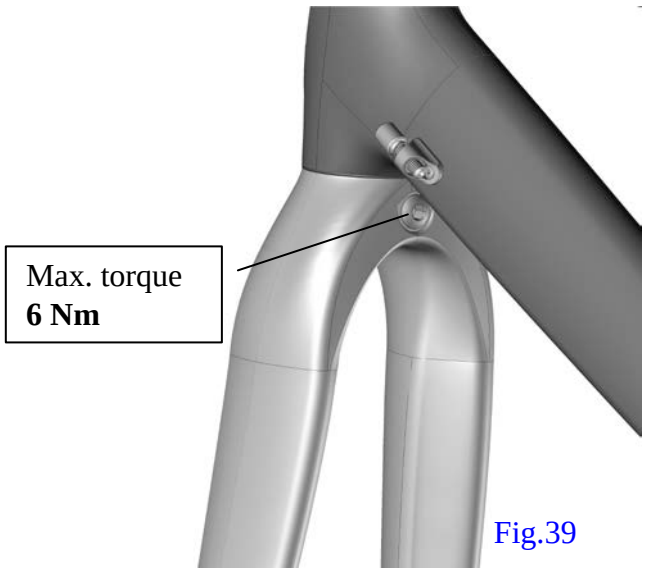


Fig.39

Important: The brake nuts are specific for each type of module and must not be used with another product and vice versa.
Exceeding the torque value will not improve resistance but could produce a stress that could adversely affect the brake

F) ASSEMBLING THE FRONT DERAILLEUR

Before assembling, read the manufacturer's specifications sheet for the front derailleur.

TIME Fluidity modules and frames are designed to accommodate a braze-on front derailleur
The derailleur hanger has 2 positions

- High position for standard chainsets (53 tooth sprocket) (fig. 40)
- Low position for compact chainsets (50 tooth sprocket) (fig. 41)
- Tighten the screws (P/N: 600045041) to **6 Nm** using a torque wrench



Fig.40



Fig.41



Exploded view

Important: never force the angle position of the derailleur hanger as this could cause permanent damage to the frame

G) ASSEMBLING THE REAR DERAILLEUR

Before assembling, read the manufacturer's specifications sheet for the front derailleur.

The TIME module is compatible with standard 10 and 11 speed deraillleurs

- Slightly lubricate the fixing screw prior to assembly
- Standard thread M 10 X 100

Important: If the hanger needs to be aligned, this operation should be performed by a professional with suitable tools
Significant or repeated distortion may affect the derailleur hanger's robustness

H) ASSEMBLING THE REAR BRAKE CABLE

1) Passage for the rear brake cable housing

TIME FLUIDITY modules have an internal passage for the rear brake cable housing
A guide tube guides the housing in the upper tube of the frame (fig. 43)

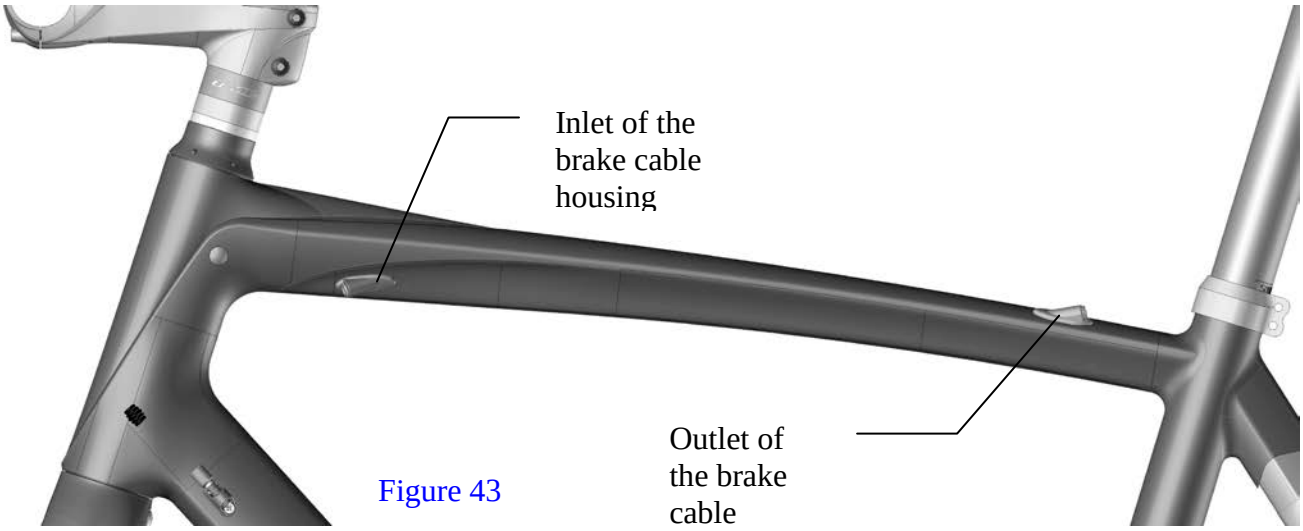


Figure 43

Important: the cable housing runs entirely through the frame and must not be interrupted

2) Cable housing seals

2 x Ø 4 o-rings are supplied with the module. They must be installed on the brake cable housing to prevent any displacement during use (P/N: 55007196) (fig. 44)

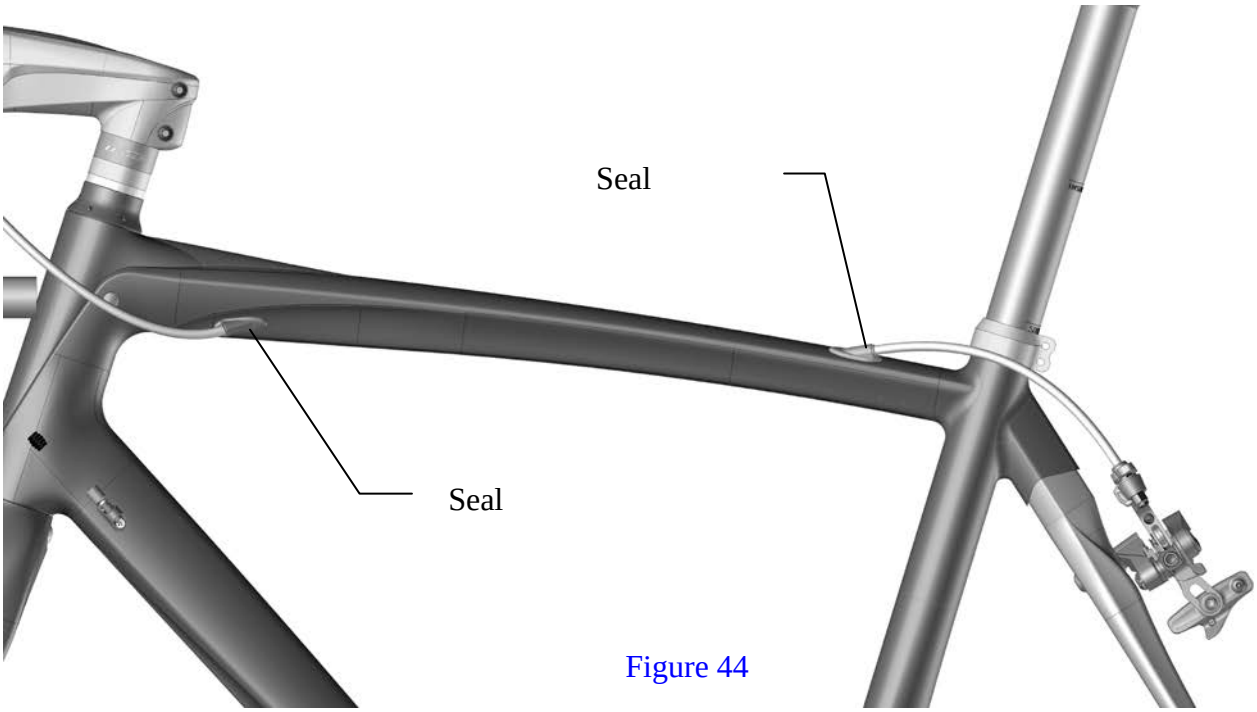


Figure 44

I) ADDITIONAL ACCESSORIES

Your TIME frame comes with a number of additional accessories!

1) Cable housing guards

They must be installed on the derailleur cable housings to prevent friction and impact with the frame (P/N: 55005998) (fig. 45)

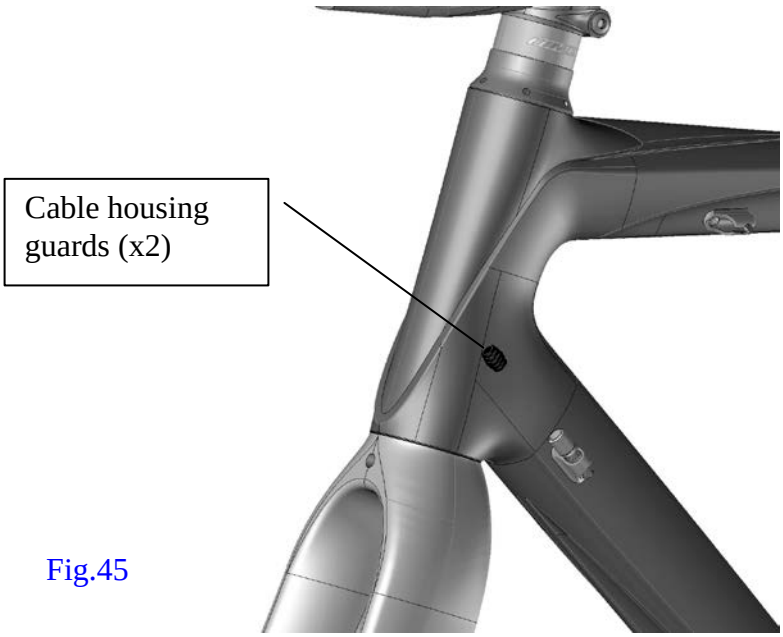


Fig.45

2) Brake cable o-rings

They must be installed on the rear brake cable between the two cable housing stops to prevent direct contact of the cable with the frame in the event of vibrations or during handling operations.
(P/N: 55003988) (fig. 46)

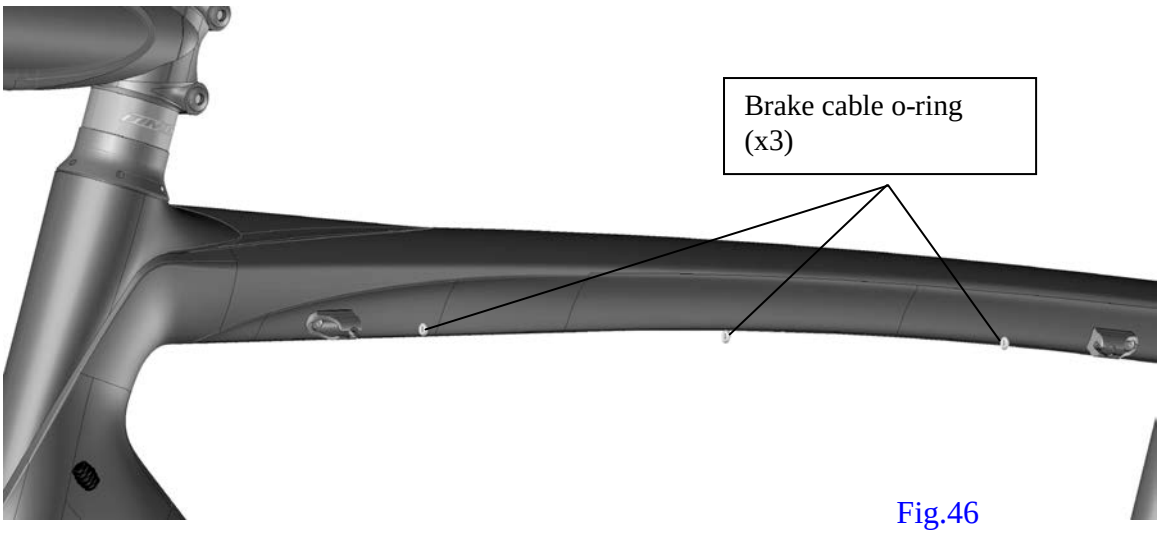


Fig.46

J) ADJUSTMENTS AND MAINTENANCE

1) Adjusting the headset

TIME modules are fitted with the QUICKSET headset system
Although the system is factory preset, slight play will appear after a running in period. This is normal.

To eliminate this play, proceed as follows:

- Use the small levers delivered with the module (**P/N**: **60003067**)
- Place them inside the cup
- Keep the fork still and turn the cup slightly clockwise to eliminate the play (fig. 47)

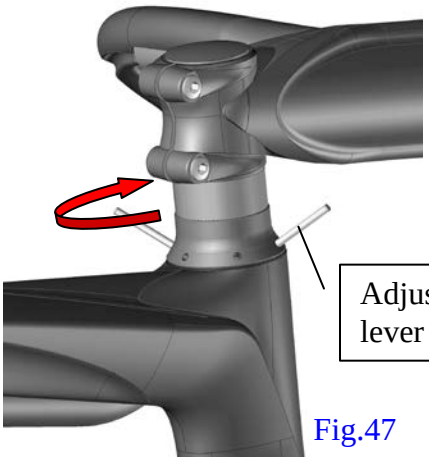


Fig.47

Important: Do not apply too much stress on the bearings, as this could adversely affect steering and cause early damage to the bearings

2) Replacing the headset bearings

- Remove the stem by loosening the screws (where applicable, remove the brake and derailleur cables)
- Pull the stem upwards, taking care not to damage the compression plug and spacers
- Loosen the QUICKSET cup using the small levers supplied with the module (P/N: 60003067)
- Slide the cup off the steerer tube
- Pull the fork free from the frame
- Remove the bearings and protective skirt
- Clean the seatings and lubricate with cycle grease
- Install the chamfer protective skirt at the lower end of the fork
- Install the lower headset bearing Ø45 (P/N: 61005887), making sure to position the outer chamfer facing up (fig. 22)
- Insert the fork inside the frame
- Install the upper headset bearing Ø42 (P/N: 61004739), with the outer chamfer facing down (fig.21)
- Install the QUICKSET cup deflector (P/N: 55006884) on the head tube (small diameter facing down)
- Slide the QUICKSET cup along the steerer until it stops against the threaded ring
- Fasten the cup using the small levers (P/N: 60003067) until is stops against the bearings
- Fine tune the headset play
- Fit the stem back on

Fig.21

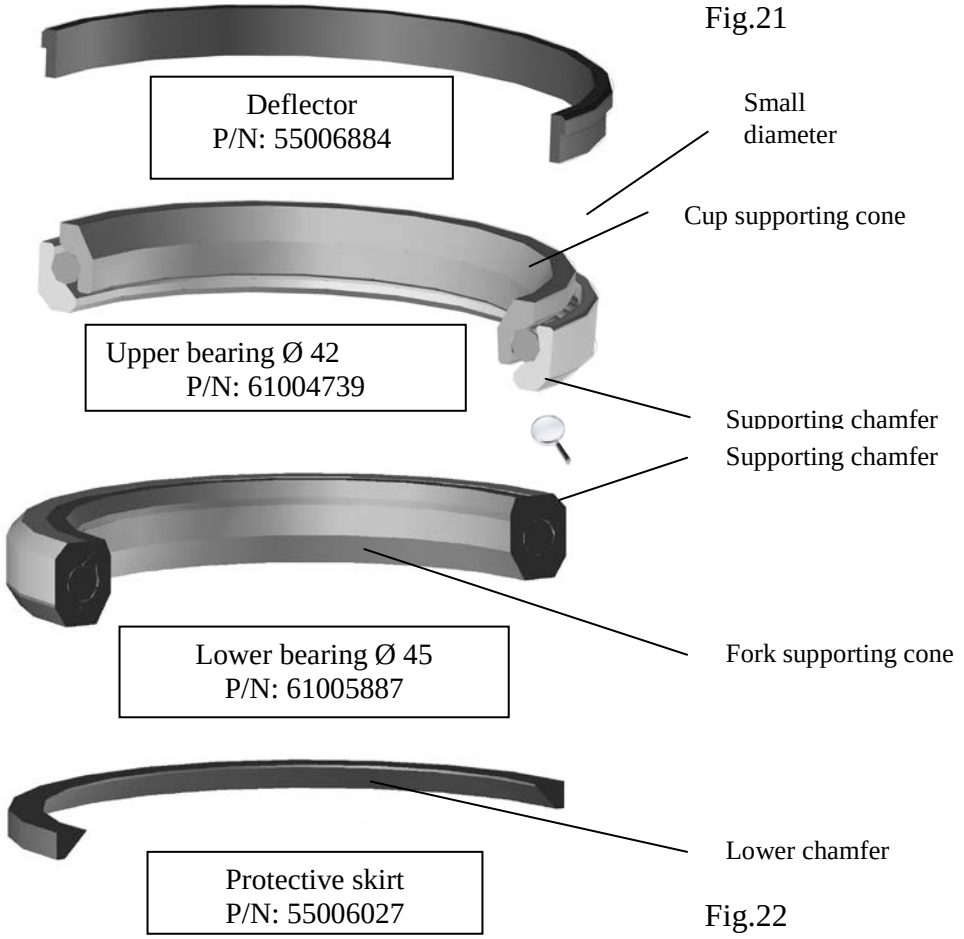
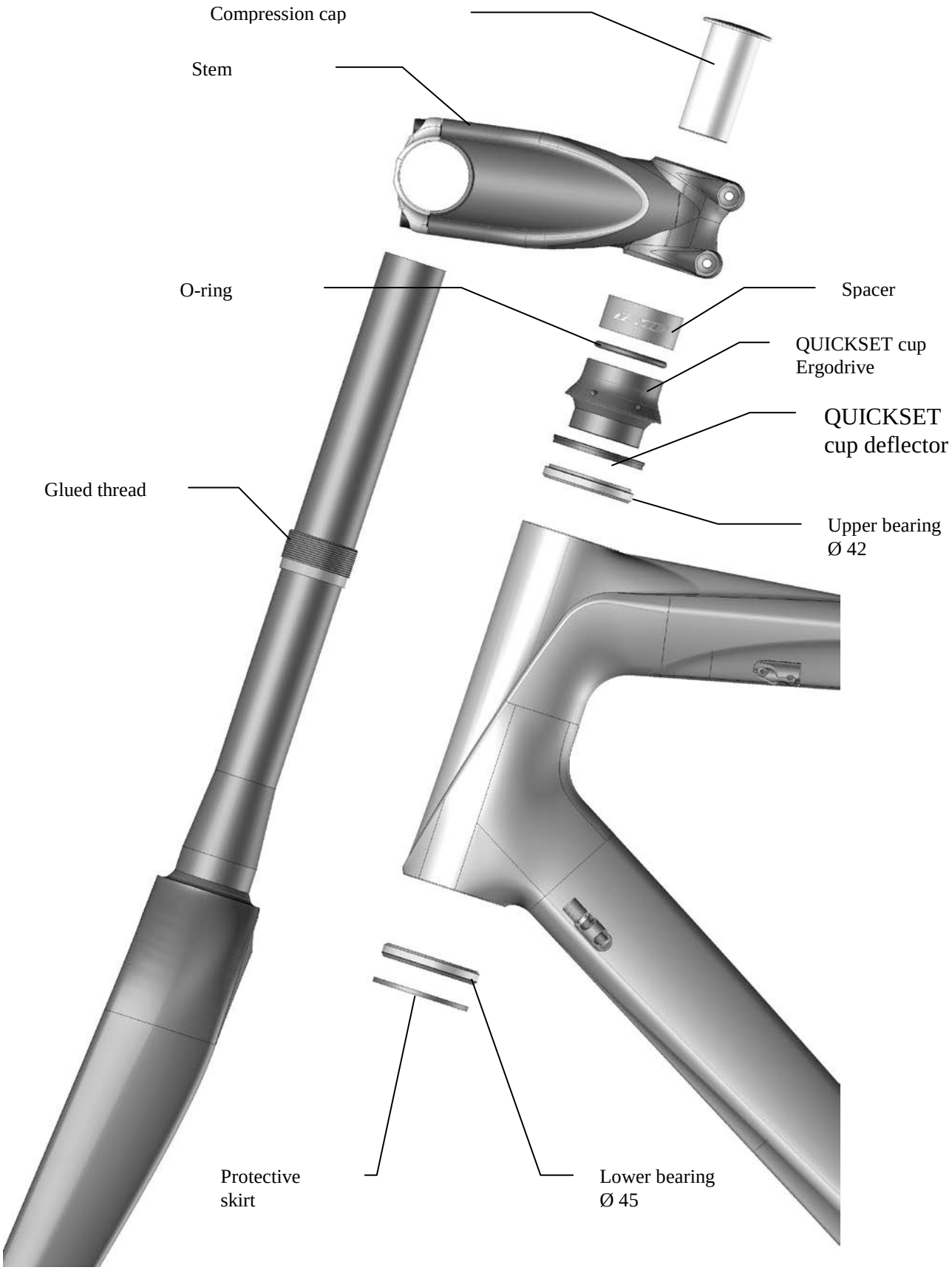


Fig.22

Important: TIME frame headset bearings are specific!
Never install adaptable bearings or bearings from a different brand as this could jeopardise the safety and cause permanent damage to your frame

Headset assembly exploded view



Replacing the rear derailleur hanger

- Loosen the 2 M3 screw using a crosspoint screwdriver (P/N: 60001487)
- Remove the damaged derailleur hanger
- Slightly lubricate the supporting face on the frame
- Install the new derailleur hanger (P/N: 55003337)
- Tighten the 2 M3 Phillips head screws



Note: After a few dozen kilometres, check that the M3 Phillips head screws are tight

3) Cleaning

- Use eco-friendly neutral products
- Do not use high pressure cleaners
- Wipe down the module using a soft cloth

Important: Do not use abrasive products such as polish. Eliminate grease stains and marks using White Spirit or similar solvents