Assembly instruction manual for a TIME Scylon frame



Scylon 01.jpg

Congratulations!

Congratulations and thank you for your trust. You have just purchased a TIME Scylon frame.

TIME frames are designed with the most modern tools, and manufactured in the most advanced materials, using the most advanced technologies.

The Scylon frame is the result of TIME's experience in the biggest international cycling events and collaboration with the best cyclists.

The use of carbon fibres combined with polyamide fibres makes it possible to obtain a unique behaviour, perfectly balanced between lightness, dynamic qualities and vibration filtration.

The Scylon Aktiv uses the new TIME Aktiv fork, which eliminates the vibrations caused when the bike is ridden. The system provides greater comfort and better endurance.



To guarantee perfect use of your frame, we advise you to consult a professional for the assembly of your components. Before use, it is essential to read the whole manual to fully benefit from the qualities of the product and to ride safely.
TIME reserves the right to modify the characteristics of the product without notice, for the purpose of continuous improvement.



Before using this product, we recommend that you carefully read the advice and instructions in this manual.
Cycling is a discipline that involves some degree of risk and can cause falls or accidents. Exercise extreme caution when using your bike. Obey all the rules of the highway code and do not forget to wear a helmet. Keep these instructions handy for future reference. install lighting and signalling and horns on your bike.

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1. Warranty

1.1 TIME frames Warranty

All TIME frames and frames are guaranteed for life against defects in materials and workmanship. This warranty is reserved for the buyer who has registered his product on the website ***www.time-sport.com*** within 60 days of the date of purchase of the product (date of invoice).
It is specified that all other products including pedals, hangers and other bicycle components as well as painting and enamelling are guaranteed for 2 years from the product purchase date.
All warranties in addition to legal warranties apply only to the original owner of the product and may not be transferred to the subsequent owner.
TIME's warranty is limited at its sole discretion to the repair or replacement of the defective product. In the case of a product replacement, TIME will provide a new product of equal or greater value. The new product may not be exactly the same as the one originally purchased.
The warranty applies only to defects discovered during the above warranty period and subject to the presentation of valid proof of purchase by the original owner (see applicable procedure below).

1.2 Exclusions

The following are excluded from any guarantee:
• Damage resulting from normal wear and tear, including product fatigue. It is the owner's responsibility to check his bike before each ride and to maintain and repair it by following the instructions provided in this user manual.
• Any damage resulting from product modification, mounting or assembly with products that are not TIME products;
• Any damage resulting from misuse of the product (jumps, acrobatic tricks or similar activities), ill-treatment, accidents/impacts, negligence, poor maintenance, non-compliance with instructions or warnings contained in the instructions, or any other abnormal or inappropriate use for which the product was not designed.
We remind you that the assembly, adjustment and repairs of your TIME product must be carried out by a specialist dealer with the technical knowledge and the appropriate tools to carry out these interventions or directly by TIME's after-sales service.

Attention: If you choose to repair a defective product yourself or to not use a specialist dealer, or if you use a spare part that is not an original TIME one, TIME declines all liability for any damage resulting from the use of this type of part or from a non-conforming repair/maintenance.

1.3 Procedures

• If a product is defective, please report it to a specialist dealer, together with the original proof of purchase.
• For products bought online at ***www.time-sport.com***, please contact the Customer Service directly and they will tell you the procedure to follow. All warranty conditions are also described in the General Conditions of Sale available on the website.

1.4 Limits

The terms of the guarantee may vary depending on the country. Some countries or states do not allow limitations on warranties or liabilities, so some limitations may not apply.
No other express or implied warranty is granted by TIME.

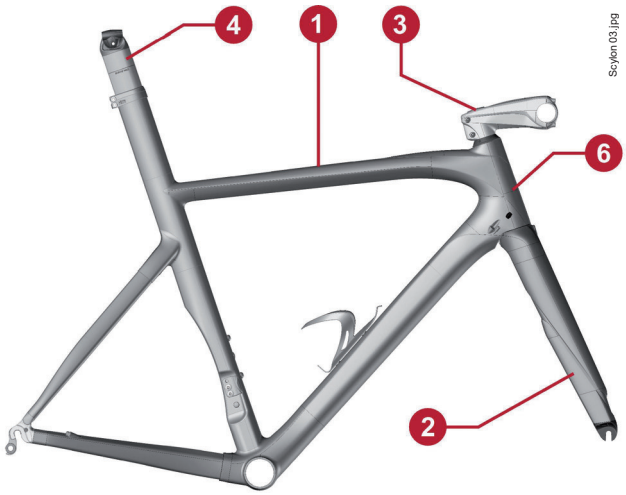
1.5 Product life cycle

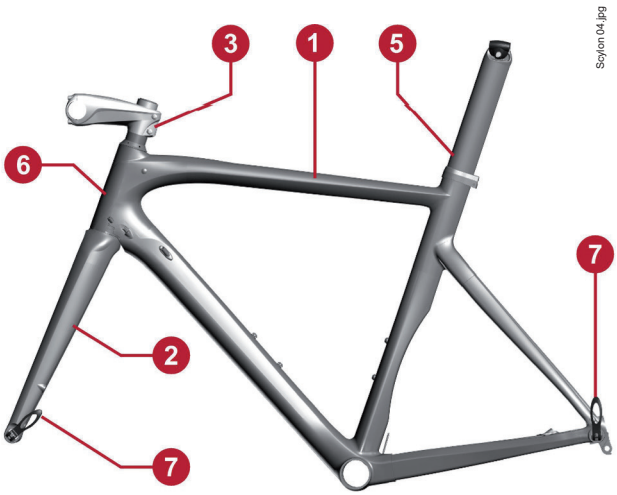
• The TIME lifetime warranty on frames cannot mean or imply that a TIME frame cannot break or lasts forever. The life of a frame varies depending on the type of frame, the conditions of use of the frame and the care provided by the buyer.
• Competitions, jumps, descents, acrobatics, trials, driving and use conditions, weather conditions, heavy loads or any other non-conforming use may reduce the life of a TIME frame. Any condition or combination of conditions may result in unforeseeable damage to the frame, which cannot be covered by the lifetime warranty.
• All TIME frames must be regularly checked by a specialist dealer for signs of potential weakness (cracks, corrosion, bumps, deformation, peeling or any other sign of potential problem). These safety checks are very important and essential to prevent accidents and consequential damage and extend the life of the frame.

2. After-sales service / spare parts

For any service request, you must contact a specialist dealer.
In accordance with Decree No. 2014-1482 of 9 December 2014 on the information and supply obligations concerning spare parts that are indispensable for the use of an item, TIME ensures a period of availability of these spare parts up to 2 years after the end of the sale of the product by TIME to its distributors.

3. Composition of the TIME Scylon frame





1. **Frame:**
   - RTM carbon HM
   - VIBRASER Technology
   - CMT carbon rear legs
2. **Fork:**
   - RTM carbon Monoblock
   - CMT carbon legs
   - TIME QuickSet system
3. **Stem:**
   - Monolink Full carbon RTM
4. **Translink profiled seat post**
5. **Standard seat post**
6. **Headset:**
   - Quick Set with differentiated bearings
7. **Scylon discs:**
   - "Thru-Axle" wheel axle front Ø 12
   - "Thru-Axle" wheel axle rear Ø 12
8. **Accessories:**
   - Compression cap
   - Stem extension kit
   - Front and rear brake nuts - Quick Set adjustment levers

3.1 Technical characteristics of the TIME Scylon frame

- Wheel diameter: **700C**
- Max section of the tyres: **700 x 25**
- Scylon front hub width: **100 mm**
- Scylon rear hub width: **130 mm**
- Width of the front hub Scylon disc: **100 mm**
- Width of the rear hub Scylon disc: **142 mm**
- Width of the bottom bracket: **86.5 mm**
- Bottom bracket: **Standard BB386**
- Double line chain ring: **43.5 mm.**
- Triple line chain ring: **46.5 mm**
- Seat post: **Specific**
- Type of front derailleur: **Solder**
- Rear derailleur support: **M10 x 100**
- Scylon brakes: Standard **callipers (Route 39/50)**
- Scylon disc brakes:
  - Rear disc recommendation: **R140 mm min.**
  - Front disc recommendation: **R160 mm**
- Steering: **Integrated.**

3.2 Standard

The TIME Scylon frame complies with **ISO 4210** . It is protected by the following patents:
- Quick Set headset: **EP 1 569 843 and US 7 237 787**.
- Fork: **EP 2 060 481**.

4. Safety information

TIME Frames are high technology products and they have all the safety guarantees for their intended use.
Please read the following instructions carefully to guarantee proper use for your own safety.

4.1 CMT Carbon Legs

The TIME Scylon frame is equipped with CMT carbon fork legs:
- Do not use transport racks that are attached by the front wheel axle.
- Do not impose abnormal forces on the legs during assembly or maintenance operations (e.g. straightening the handlebar without loosening the stem!).
- Do not use wheel locks with contact surfaces that are too aggressive.
- Tighten the lock without excessive pressure (follow the manufacturer's instructions).
- Regularly check the appearance and wear of the legs.
- When carrying out maintenance or handling of the bicycle, never place the legs on the ground.

Abnormal wear of the legs due to abrasion will void the warranty!
Never file safety lugs!
Contact your specialist dealer.

4.2 Tightening torques

Strictly observe the tightening torques to ensure optimum operation and safety.

- Seat post clamp: **8 Nm**
- Seat clamping: **4 Nm**
- Rear clamping of stem: **5 Nm**
- Front clamping of stem: **6 Nm**
- Brake nuts: **6 Nm**
- Front derailleur support: **6 Nm**

Use a quality torque wrench.
Check all tightening torques after 500 km of use.

4.3 Replacement of parts

Only use genuine TIME parts when replacing used parts (bearings, derailleur hanger, etc.).

4.4 General usage

- It is strongly recommended that you have a professional assemble your frame.
- Take all necessary precautions during transport (especially by plane) so that your bike is not subjected to abnormal shocks.
- Inspect your bike regularly before use.
- Do not leave your bike exposed to too much heat.
- In the event of a fall, have your bike checked by a specialist dealer or by the TIME service department.
- If in doubt about any part of your frame, contact your specialist dealer.

TIME is released from all liability in the case of assembly not in accordance with the instructions for use, and which is not carried out with suitable tools and in compliance with the rules of art.

5. Assembling the bike

Before assembling the bike, check the compatibility of the accessories and components with the TIME frame.
In order to adapt the TIME Scylon frame to the height and position of the user, the fork pivot and the seat height must be adjusted.

Tools needed:

Specific tools provided	Conventional tools not provided
Headset adjustment levers (60003067)	Torque wrench with hexagon socket 3 mm, 4 mm, 5 mm, and 6 mm
	Cruciform screwdriver PH0 and PH1
	Flat screwdriver 0.5 x 3.0 mm
	Riveting pliers
	Sawing guide
	Metal saw

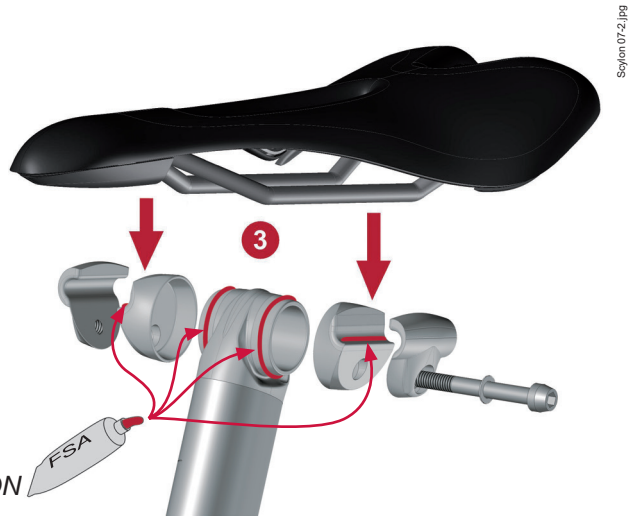
5.1 Mounting the seat

Seat assembly on the seat post:
The seat post comes with 2 sets of external cups that will allow you to use either a seat with metal rails or a seat with carbon rails.
- The cups 1 with an elliptical semi-diameter are for the carbon seat frame.
- The cups 2 with a circular semi-diameter are for the metal seat frame.



- Assemble the seat 3 with the chosen cups. TIME recommends greasing the cones and seat cradles with the included "FSA Installation Compound" grease to ensure perfect tightening.

Given the wide disparity of geometry between the seat models, you must use the seat that will be mounted on the new bike.
You must choose your seat before adjusting the seat height.



FSA - COMPOUND INSTALLATION

- Pre-tighten the seat 4 to position it horizontally. (tightening torque 8 **Nm** max)



5.2 Raising the seat

5.2.1 Translink seat post

The TIME Scylon frame comes with a special Translink seat post designed to fit perfectly into the frame profile.

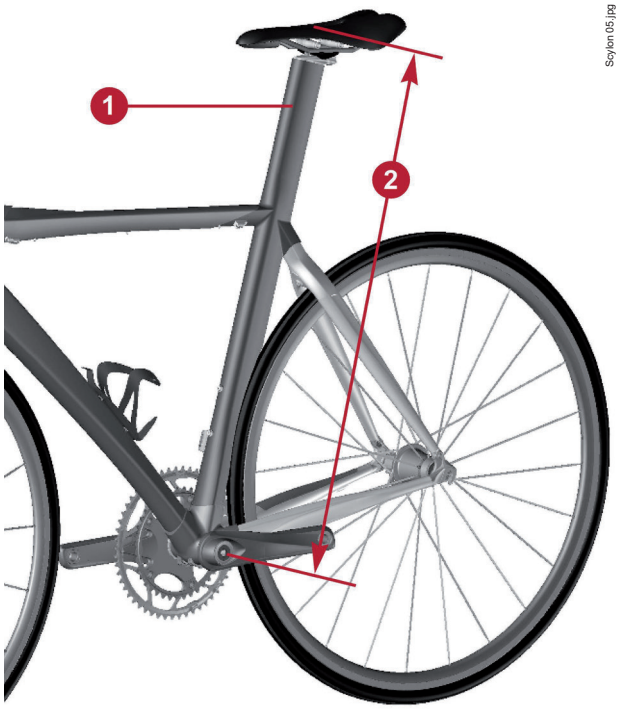
This seat post can never be replaced by another model of similar geometry!

This operation is irreversible. It must be done with great care following the method described. We advise you to have it done by a professional!

1 Translink tube

Raising the seat height (SH) 2:
- Determine the desired seat height as precisely as possible (the seat height is the distance between the crank axle and the seat recess) by lifting it on your old bike or using your specialist dealer's ergometer.

Note this dimension 2 carefully:
(in our example opposite SH: **758 mm**)



Scylon 05.jpg

Position the seat / seat post assembly on the Scylon frame:
- The seat post must be lowered into position 3
- The operation must be performed **without** the presence of the seat clamp.
- Insert the seat post into the frame without rotating it.



Scylon 09.jpg

Raise the seat up to its maximum height 4 (max. SH)
Depending on the size of your Scylon and the type of seat used, raise the seat height (uncut TransLink seat tube!) using the same method as before (distance between the bottom bracket and the seat recess).

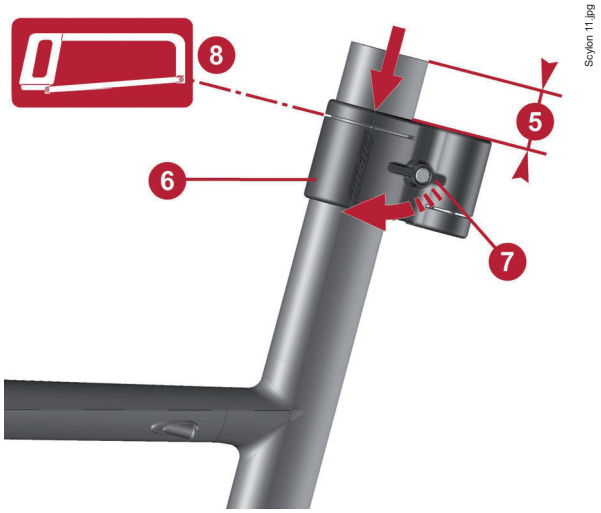
Note the raised dimension:
(for example in our case 4: **800 mm**).

Min. seat height:
XXS: 640 / XS: 655 / S: 685 / M: 705
L: 735 / XL: 755

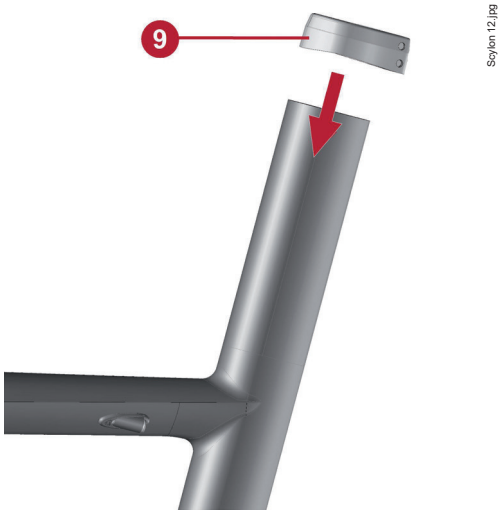


Determine the cutting dimension:
- Remove the maximum seat height from the desired dimension (in our example:
  800 mm 4 – 758 mm 2 = **42 mm** 5).

Cut the seat tube:
- Remove the seat and seat post assembly from the frame.
- Position the cutting tool 6 on the seat tube (**ref: 55008073**).
- Set the cutting dimension 5 relative to the upper support of the tool by directly carrying over the calculated dimension (in our example **42 mm**) then tighten 7**.**
- Cut the tube taking care not to deviate (use a hacksaw blade in good condition) 8.
- Remove the cutting tool 6 and clean the burrs and sawdust.



Final assembly of the seat post on the frame:
- Loosen the seat clamp screws.
- Position the seat 9 clamp on the translink tube (be careful not to damage the paint!).

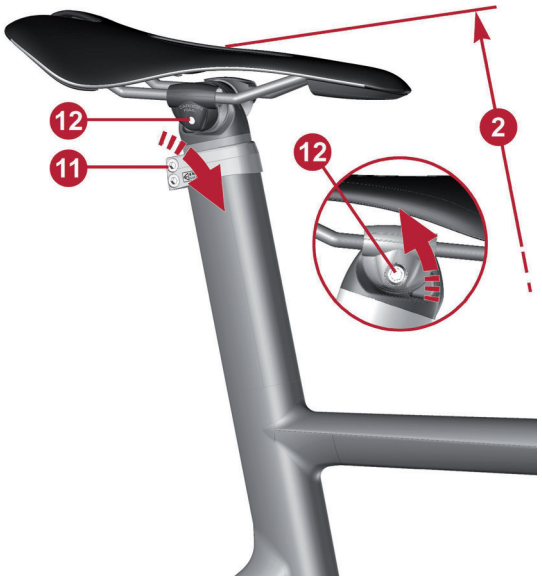


- Remove the seat / seat post assembly from tube of the frame 10.



Scylon 13.jpg

- Set the correct seat height (in our example: **758 mm**) 2**.**
- Lightly tighten the screws 11 of the clamp.
- Finalise the seat adjustment on the seat post (trim and recoil).
- Final tightening of the seat to a maximum torque of **8 Nm** 12**.**
- Perform the final tightening of the seat post to a maximum torque of **4 Nm taking care to increase the torque alternately on each screw**.



Scylon 14.jpg

- Seat extension limit mark **30 mm** 13.

The seat post must not extended beyond the maximum extension limit 13: 30 mm.

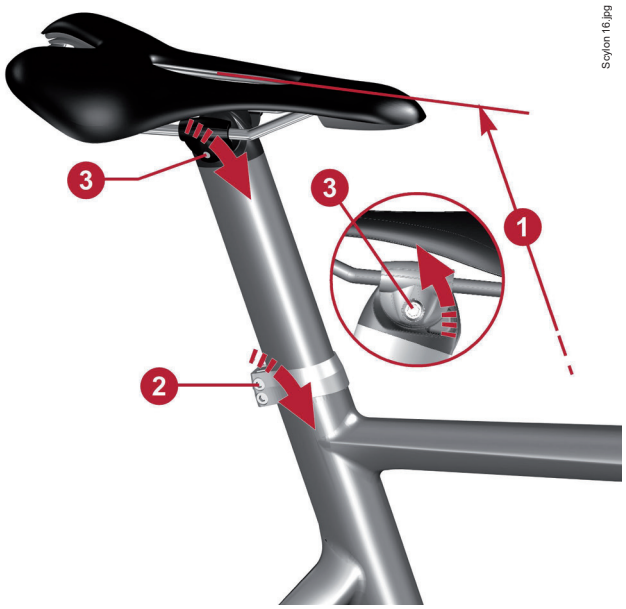
In the event of a cutting error or resale to someone else of a different height, TIME sells a "Retro Fit" seat post enabling the seat to be extended up to 100 mm.



Scylon 15.jpg

5.2.2 Standard seat post

- Adjust the correct seat height **1**.
- Lightly tighten the screws **2** of the clamp.
- Finalise the seat adjustment on the seat post (trim and recoil).
- Final tightening of the seat to a maximum torque of **8 Nm 3**.
- Perform the final tightening of the seat post to a maximum torque of **4 Nm taking care to increase the torque alternately on each screw.**



Scylon 16.jpg

- Axis of the screw at the max extension mark: **211 mm 4**.

Under no circumstances should the seat post be extended beyond the maximum extension limit.



Scylon 17.jpg

5.3 Levelling the fork pivot and mounting the stem

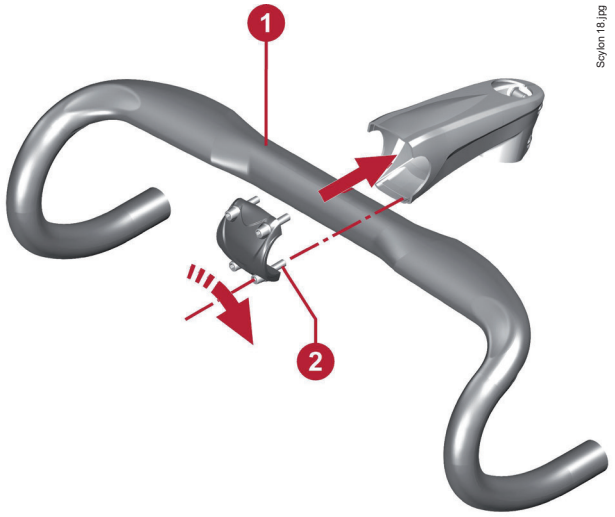
TIME Scylon frames are equipped with a patented steering system, the Quickset.

The Quickset concept consists of separating the adjustment of the direction from the adjustment of the stem, while preserving the advantages of the Aheadset system (TIME patent). The cyclist will thus be able to focus on his position without having to adjust the headset. Such a solution makes any complex compression system unnecessary.

The setting of the Quickset direction is done at the factory, so there is no need to do a disassembly first.

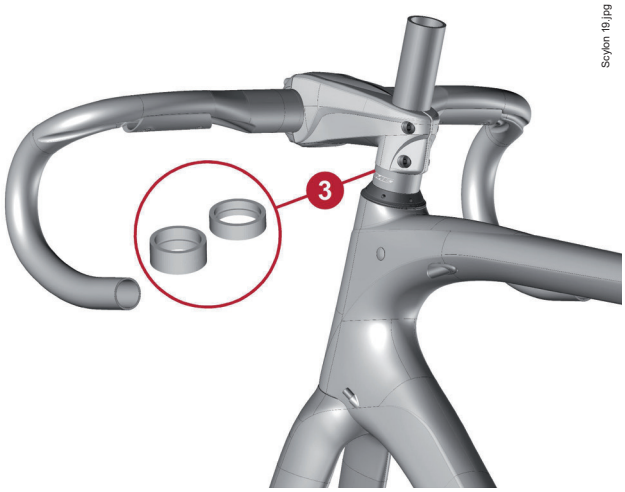
Assembly of the TIME hanger on the TIME bracket:
- Position the hanger 1 with a **Ø 31.8 mm**.
- Assemble the stem head with the screws 2 and tighten to a torque of **6 Nm, taking care to balance the tightening**.

A hanger with a diameter of less than 31.7 mm or a diameter greater than 31.9 mm may result in risks when using the bike.



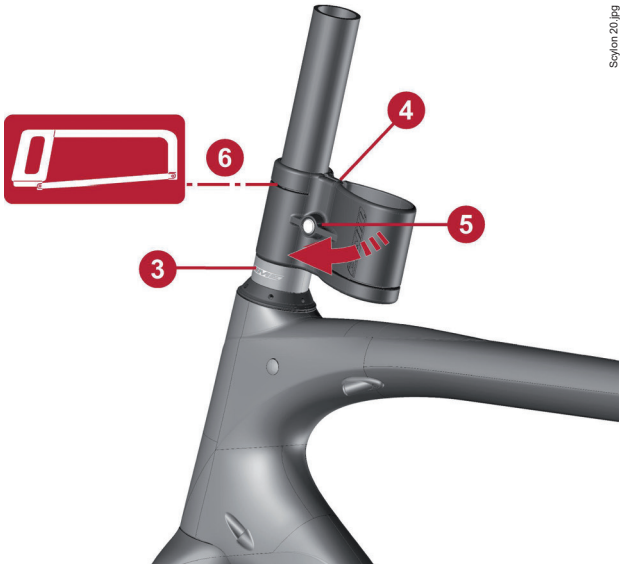
Blank mounting of the stem:
- Make a first blank mount to determine the height of the stem.
- To provide optimum adjustment, a kit of 3 extensions 3 **5, 10 and 15 mm** is delivered with the frame. These extensions incorporate an O-ring that avoids any parasitic vibration!
- Perform a height adjustment test on the stem.

For safety reasons, only use the extensions supplied. The total height of the rings must not exceed 30 mm.



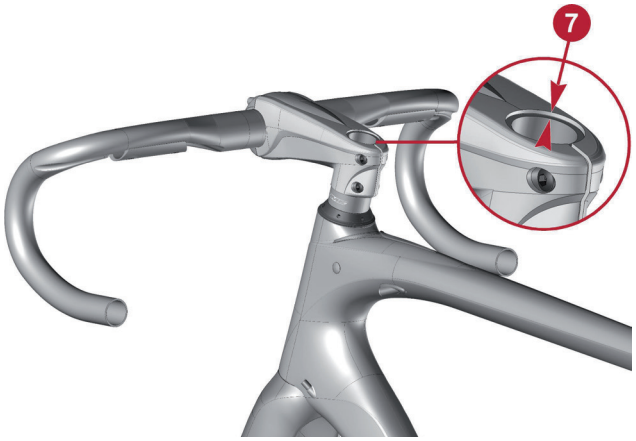
This operation is irreversible. It must be done with great care following the method described. We advise you to have it done by a professional!

Cutting of the fork pivot in the case of a TIME stem:
- Determine the pivot length that needs to be cut.
- Remove the stem (without removing any spacers 3 that have been selected).
- Position the cutting tool 4 Ref: **55008073** provided.
- Tighten the tool 5 taking care that it flattens on the directional bowl or the shims 3.
- Cut the pivot taking care not to deviate (use a saw blade in good condition) 6.
- Clean the burrs and sawdust.



Scylon 20.jpg

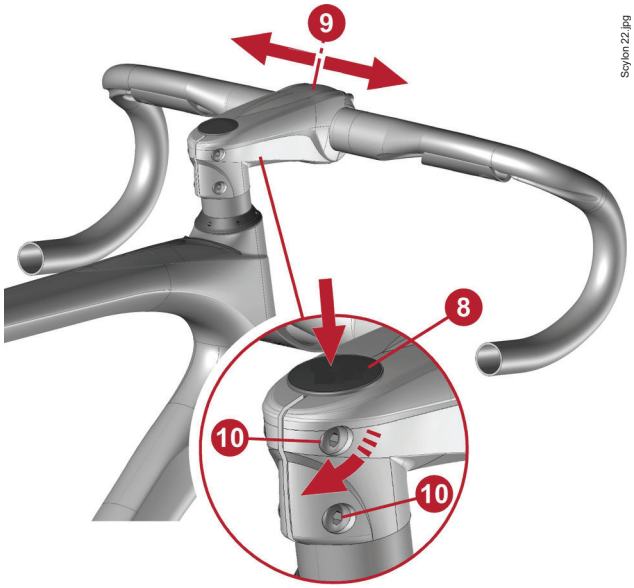
Replace the stem
- Position the stem and check that the top of the pivot is well back by **0.5 to 2 mm** from the upper face of the stem 7.
- Insert the compression cap 8 inside the pivot.
- Align the stem 9.
- Tighten the stem on the pivot with a tightening torque of **5 Nm** on each screw 10, **using a torque wrench**.



Scylon 21.jpg

The compression cap is specific to the Scylon model.
No other model of compression cap should be used.

Exceeding the recommended torque does not improve the handling of the stem, but may instead irreversibly destroy the fork pivot.



Scylon 22.jpg

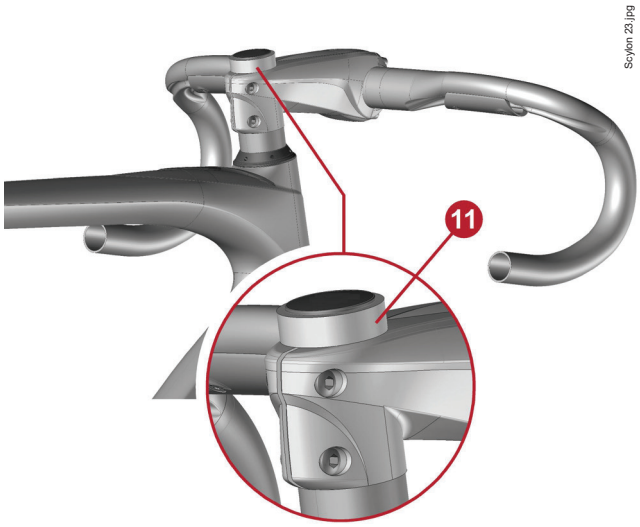
Detailed instructions for mounting the TIME MONOLINK stem are also available.

If you are installing a stem from a manufacturer other than TIME:
- Raise the height of the stem shaft.
- Subtract 1 mm from the elevation.
- Position the standard cutting tool at a distance of 1 mm.
- Cut the pivot, taking care not to deviate (use a saw blade in good condition).
- Clean the burrs and sawdust.

Position adjustment phase:

- During the adjustment phase of the cyclist's position, a spacer of (11) **10 mm maximum** may be positioned above the stem.
  This adjustment phase must not exceed **500 km**.

Failure to follow these instructions can seriously impair the safe use of the bike. TIME is released from any liability for improper installation.



5.4 Choice of transmission type

TIME Scylon frames are compatible with mechanical transmissions or with SHIMANO Di2, CAMPAGNOLO EPS and SRAM eTAP electrical transmissions.

By default, the frame is prepared for a mechanical mounting, but also with the wire grommets for the electric versions.

5.4.1 Mechanical transmission assembly

The routing of the cables for the derailleurs is done internally, and to facilitate their assembly and the replacement, cable guides are pre-installed at the factory.

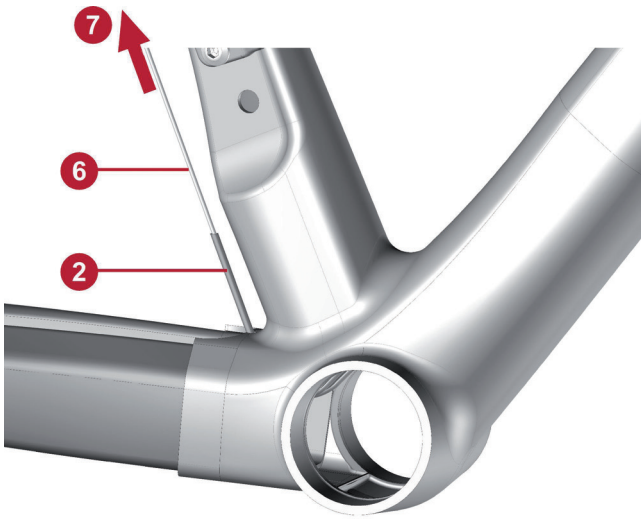


Scylon 24.jpg

Principle view: (viewed as if they were transparent).
- Sheath abutments 1 diagonal tube.
- Left cable guide 2 (front derailleur).
- Right cable guide 3 (rear derailleur).
- Internal grommet 4.
- Sheath stop 5 on the base.

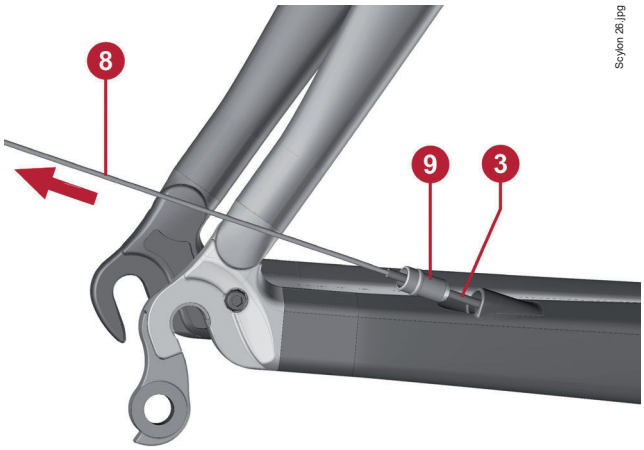
Once the brake handles have been fitted to the handlebar and the derailleur sheaths have been cut to length, proceed with the installation of the derailleur cables.

Front derailleur:
- Slide the cable 6 into the cable guide on the left 2 and pull it out at the front of the bases.
- Power up, then put the cable to the side 7.



Scylon 25.jpg

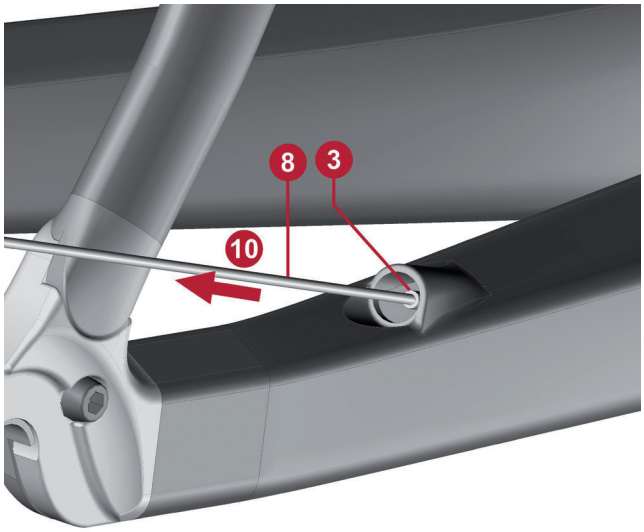
Scylon frame rear derailleur:
- Slide the cable 8 into the cable guide on the right side 3 and pull it out it at the rear of the right base.
- Remove the sheath stopper 9 from the base.



Scylon 26.jpg

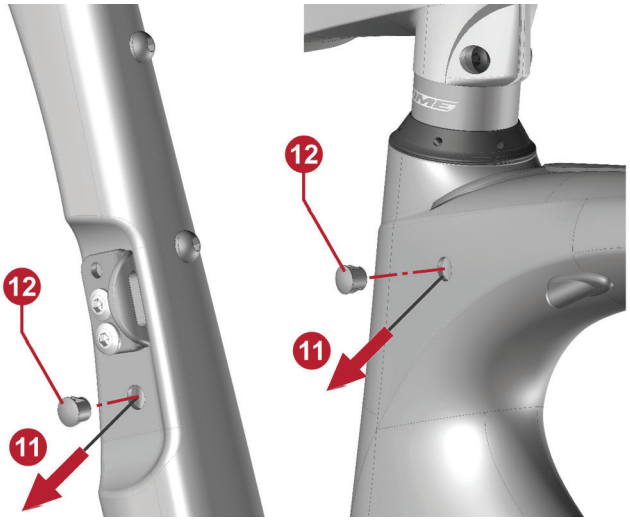
- Pull the cable tight 8 to cut the functional length of the sheath guide 3.
- Then reposition the sheath stopper 9 on the base and then set the derailleur cable aside 10.

It is important that the cable guide tube 3 is sufficiently short, so as not to be constrained once the derailleur has been assembled and adjusted.



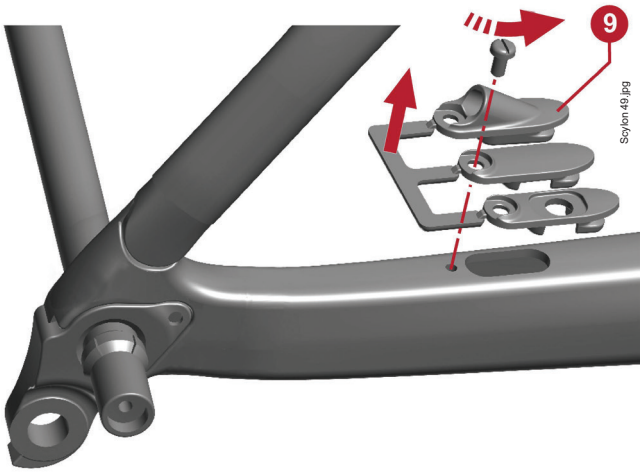
Scylon 27.jpg

- Then remove the cable guide 11 (nylon threads) of the electronic versions and position the plugs 12 for closing the orifices.

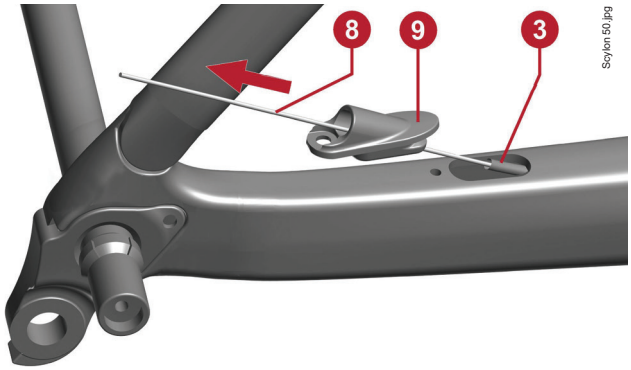


Scylon 28.jpg

Scylon frame rear derailleur discs:
- Remove the array of sheath stopper guides from the rear base.
- Use the sheath stopper 9.

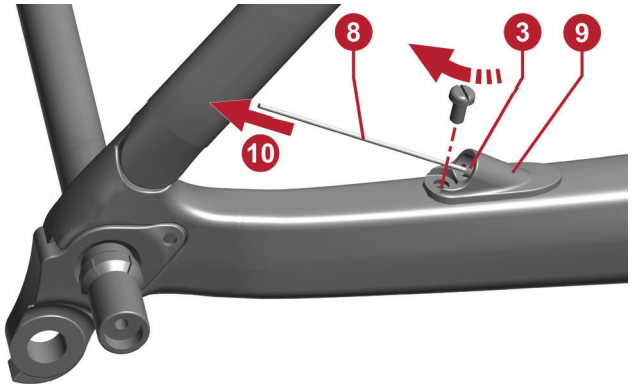


- Slide the cable 8 into the cable guide on the right side 3 and pull it out at the back of the right base.
- Feed the cable 8 into the cable guide 9.

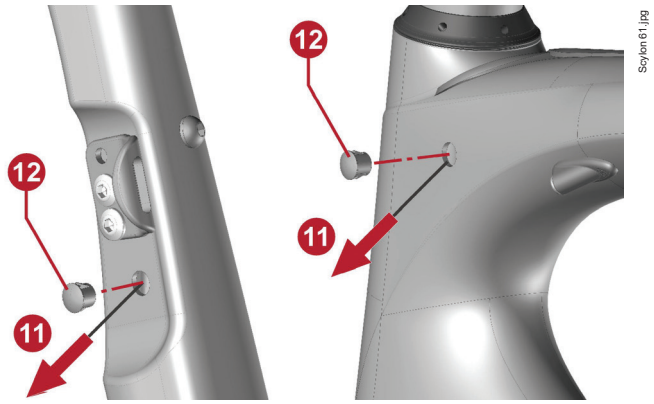


- Pull the cable tight 8 to cut the functional length of the sheath guide 3.
- Then position the sheath stopper on the base 9, and lay the derailleur cable aside 10.
- Fix the stopper 9 onto the base.

It is important that the cable guide tube 3 is sufficiently short, so as not to be constrained once the derailleur has been assembled and adjusted.



- Then remove the cable guide 11 (nylon threads) of the electronic versions and position the plugs 12 for closing the orifices.



5.4.2 Assembly of an electric transmission

The routing of the cables for the derailleurs is done internally, and to facilitate their assembly and the replacement, cable guides are pre-installed at the factory.

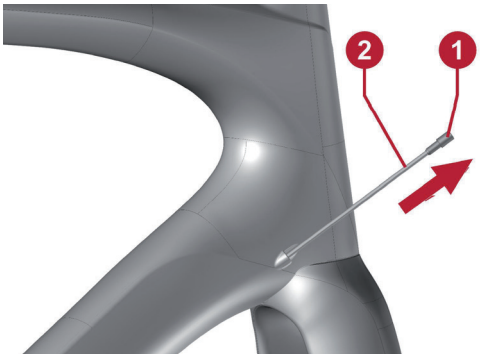
The electrical wiring of a frame is a delicate operation that must be carried out by a competent person, such as a Time authorised specialist dealer, distributor, etc.
For any question specific to the electrical elements that does not involve the frame, refer to the manuals and technical manuals of the unit manufacturer.

TIME Scylon frames come with a pre-assembly for a mechanical unit.
To assemble your bike with a power unit, you must first remove the components specifically for mechanical derailleurs.

A specific kit ref: **55007941** should also be used to ensure the perfect fit with the different units available **SHIMANO Di2** , **CAMPAGNOLO EPS** and **SRAM eTAP** .

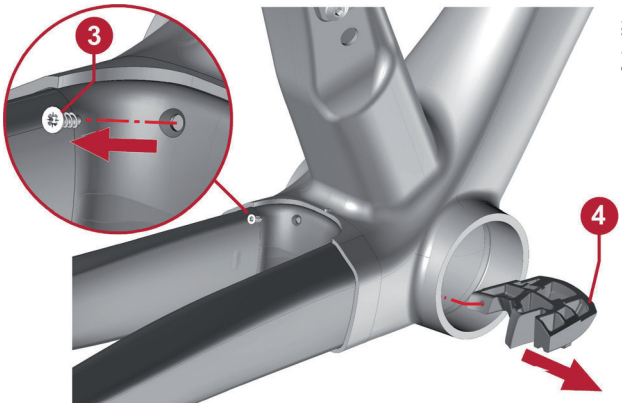
Preparation, disassembly of components for mechanical derailleurs:

- Remove the sheath stoppers 1 as well as internal cable guide tubes 2 by just sliding them off.



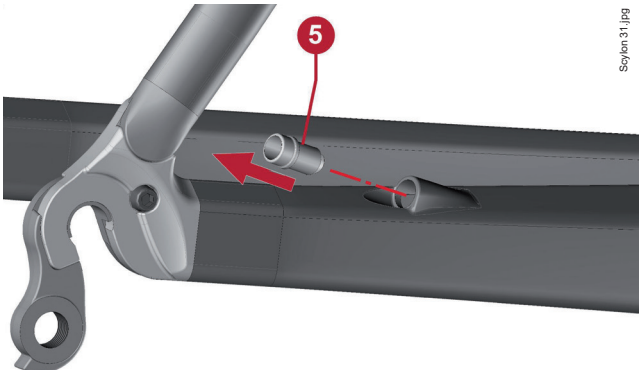
Scylon 29.jpg

- You can also remove the screw 3 and the internal cable grommet 4 , But this is not mandatory.



Scylon 30.jpg

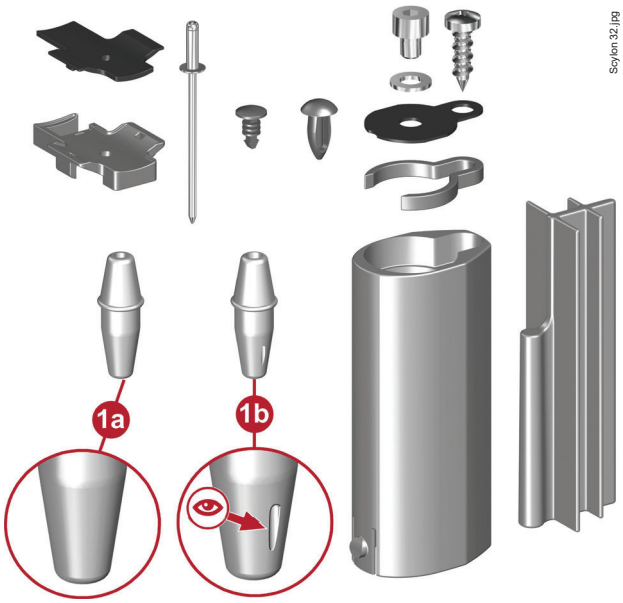
- Remove the sheath stopper on the base 5.



Scylon 31.jpg

Composition of the specific kit ref: 55007941 required for installing electronic units:

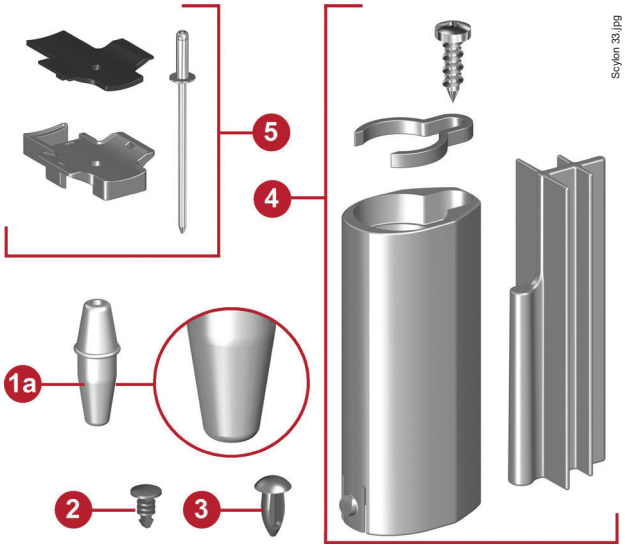
- 1a: specific grommet **SHIMANO Di2**.
- 1b: specific grommet **CAMPAGNOLO EPS**.



installation procedure for a SHIMANO Di2 unit

The components of the kit ref: 55007941 which are specific to TIME must be kept:

- The grommet 1a of diameter **Ø 2.5 mm**.
- The 2 caps 2 and 3 diagonal tube.
- Multi Fit support with clamp and retaining screw and **22 mm** shim 4.
- JUNCTION B support 5 (only with TIME MONOLINK stem).



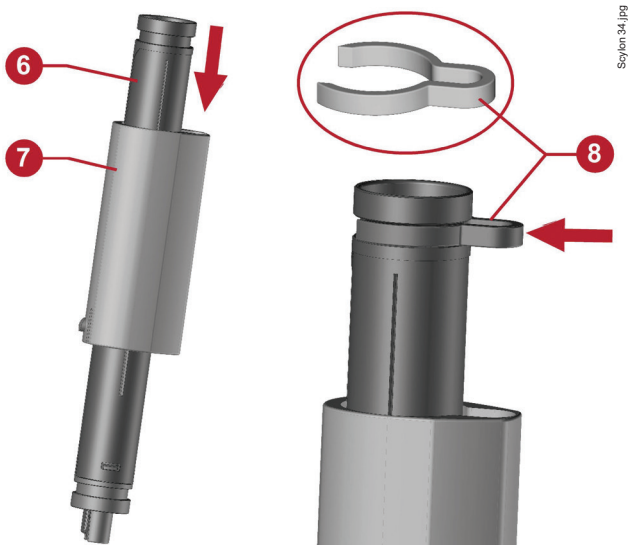
Material not provided but necessary for installing SHIMANO reference:

- Internal battery: ref **KBTDN1101**.
- Seat tube / battery cable: ref **KEWSD50IL100** (1000 mm).
- Diagonal tube / box cable: ref **KEWSD50IL100** (1000 mm).
- Basic cable / box: ref **KEWSD50IL60** (600 mm).
- Front derailleur cable: ref **KEWSD50IL40** (400 mm).
- Junction box for bottom bracket: ref **KSMJC41**.
- Junction box to controls: **KSMEW90A** ref (3 ports) or **KSMEW90B** (5 ports).
- **SHIMANO** grommet: ref **KSMGM02** (2 pieces).

The rest of the components must be chosen by the end user according to the intended use of the bike, and will be compatible with the cabling carried out.

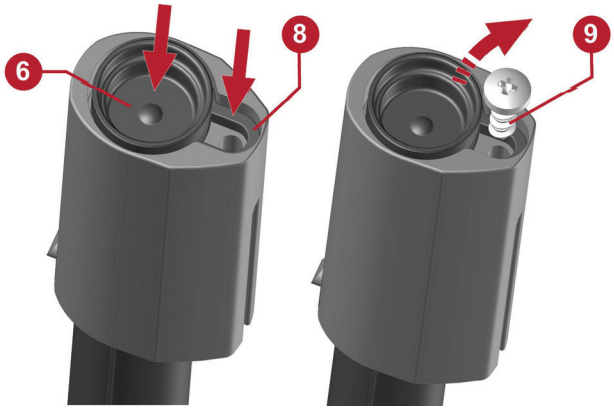
Battery assembly on the seat post:
The **SHIMANO KBTDN1101** battery must be assembled on the TIME seat post using the supplied Multi-Fit components.

- Slide the **KBTDN1101** battery 6 into the Multi-Fit holder 7.
- Position the clamp 8 in the groove provided for this purpose.



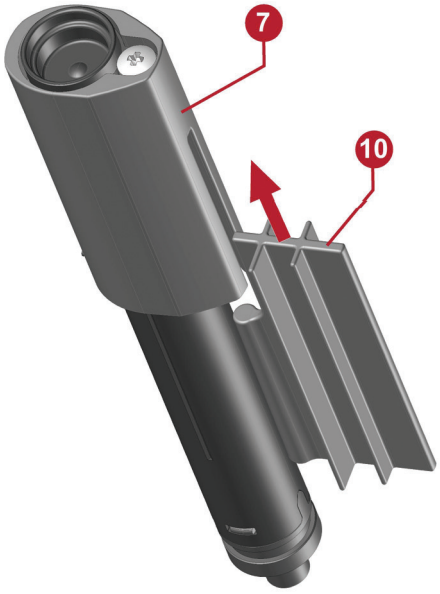
Scylon 34.jpg

- Slide the battery 6 and the clamp 8 into the housing provided for this purpose.
- Screw the retaining screw 9 (moderate tightening).



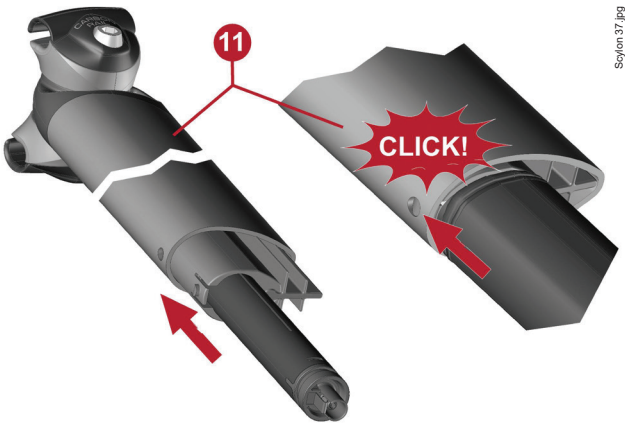
Scylon 35.jpg

- Position the **22 mm setting** 10 on the Multi-Fit bracket 7.

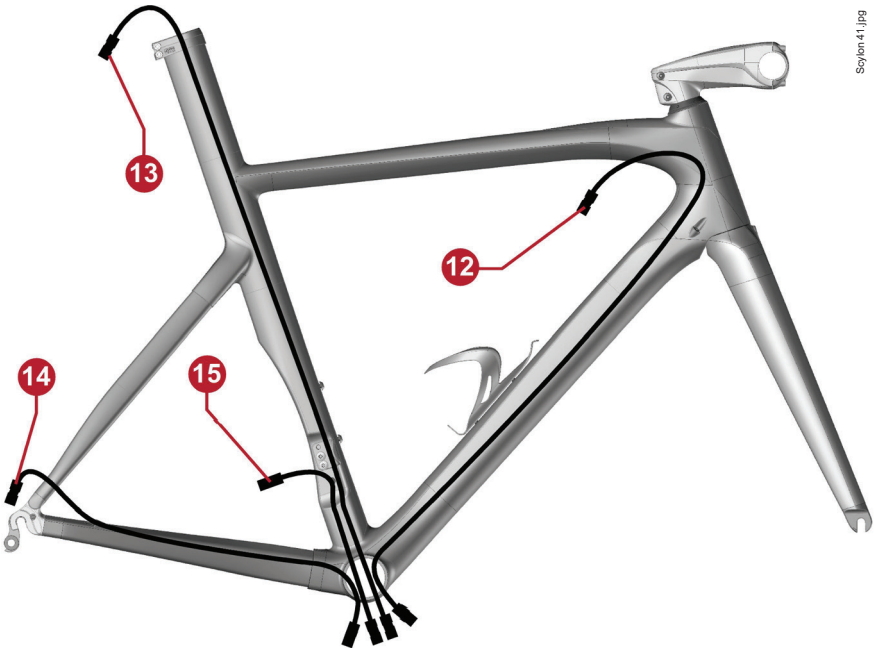


Scylon 36.jpg

- Slide the assembly into the seat post tube 11.
- Clip the assembly into the drilling of the seat post tube 11.



Your **SHIMANO KBTDN 1101** battery is now secured to the seatpost.



Wiring of KEWSD50 wires in the frame:

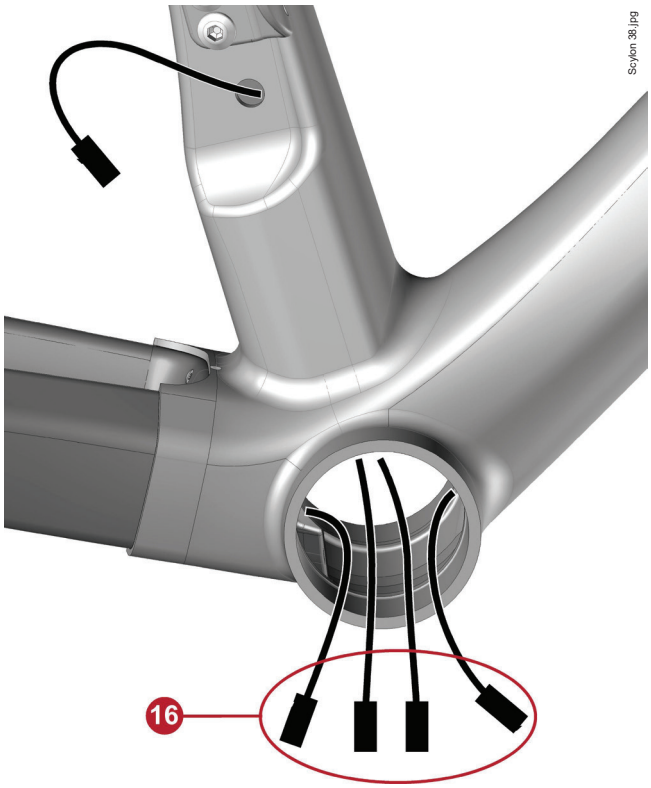
Feed the cable KEWSD50IL100 12 (length 1000 mm) into the diagonal tube. To do this, use to the thread already fed into the frame:
- Tie the connector to the end of the fed wire on the top of the diagonal tube.
- Pull the bottom bracket side wire so that it is replaced by the power cable.

Feed the cable KEWSD50IL100 13 (length 1000 mm) in the seat tube. To do this, use to the thread already fed into the frame:
- Tie the connector to the end of the fed wire on the side of the front derailleur.
- Pull the bottom bracket side wire so that it is replaced by the power cable.

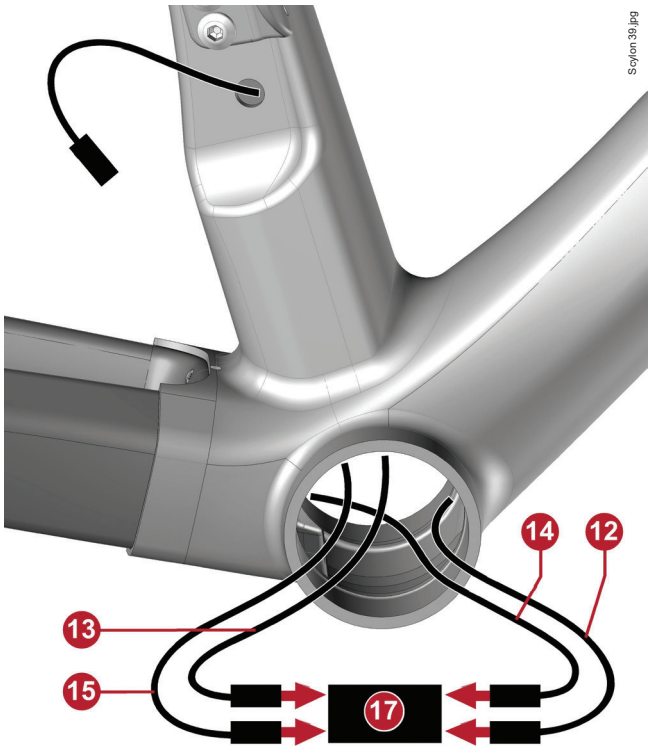
Feed the cable KEWSD50IL60 14 (length 600 mm) into the right base. To do this, use to the thread already fed into the frame:
- Tie the connector at the end of the fed wire on the right-hand side leg (rear derailleur).
- Pull the bottom bracket side wire so that it is replaced by the power cable.

Feed the cable KEWSD50IL40 15 (length 400 mm) into the seat tube. To do this, use to the thread already fed into the frame:
- Tie the connector to the end of the fed wire on the side of the front derailleur.
- Pull the bottom bracket side wire so that it is replaced by the power cable.

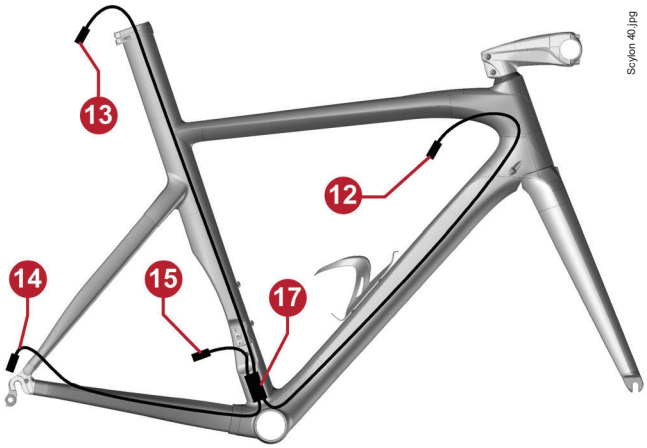
At this point you must have four ends of KEWSD50 electrical cable coming out into the bottom bracket 16.



- Then connect the element **KSMJC41** 17 to the four cables present in the bottom bracket. The order of the cables makes no difference.
- Preferably connect the cable **KEWSD50IL100** 13 and the cable **KEWSD50IL40** 15 on the same side of **KSMJC41** 17.

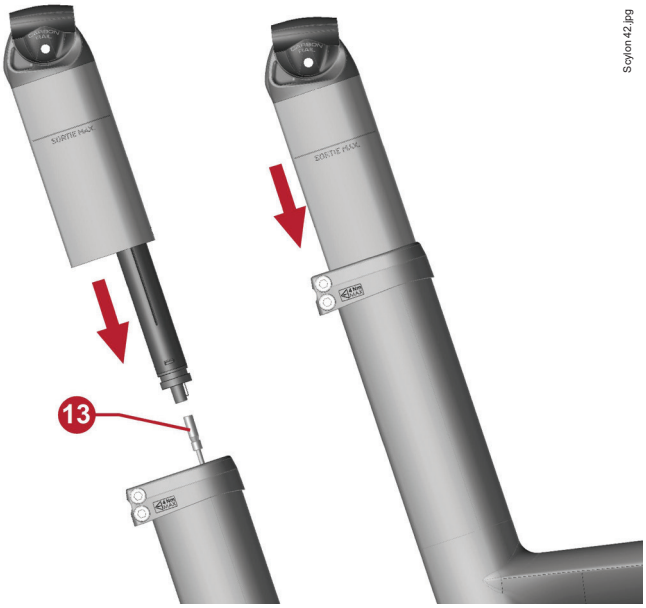


- Then feed the **KSMJC41** 17, connected in this manner, back into the seat tube so that the cables run as shown opposite.



Scylon 40.jpg

- You can then connect the battery to the **KEWSD50IL100** cable 13, then attach the seat post assembly to the seat post (see chapter 5.2).

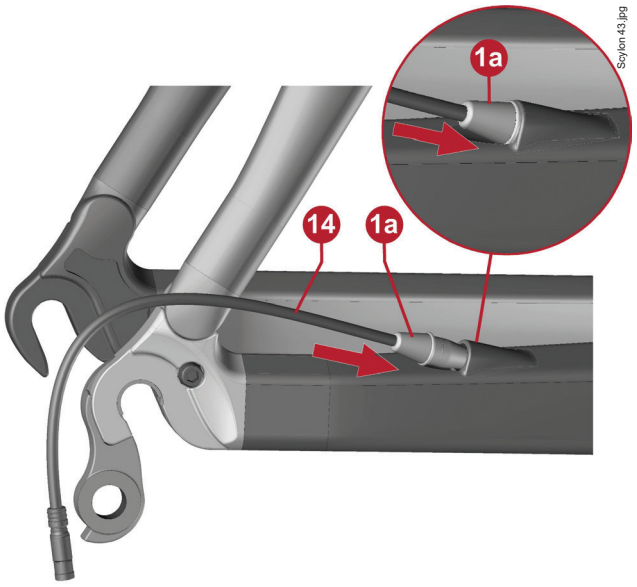


Scylon 42.jpg

Scylon frame rear derailleur:

- Place the TIME **Ø 2.5 mm** 1a grommet on the right rear base.
- Open the grommet at the slot and slide the piece onto the cable 14.
- Position the grommet at the desired distance.
- Moisten or lightly grease the grommet to facilitate its positioning in the housing.

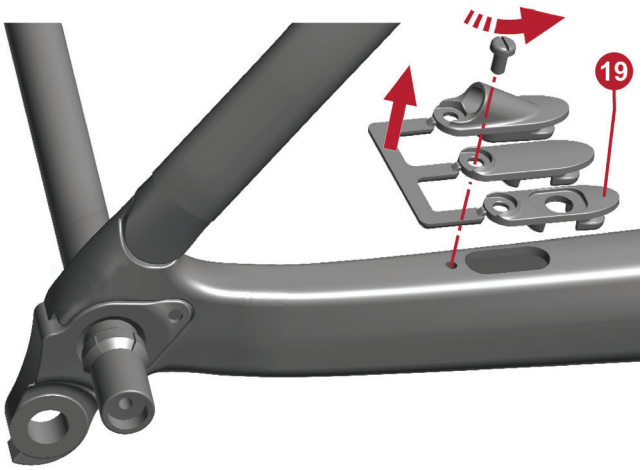
Orient the grommet (slot towards the base), then push it firmly into its housing.



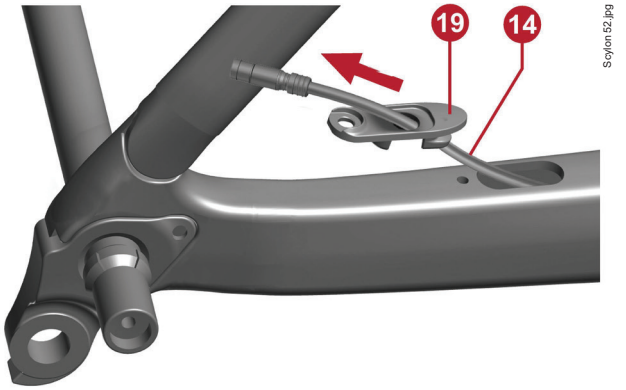
Scylon 43.jpg

Scylon frame rear derailleur disc:

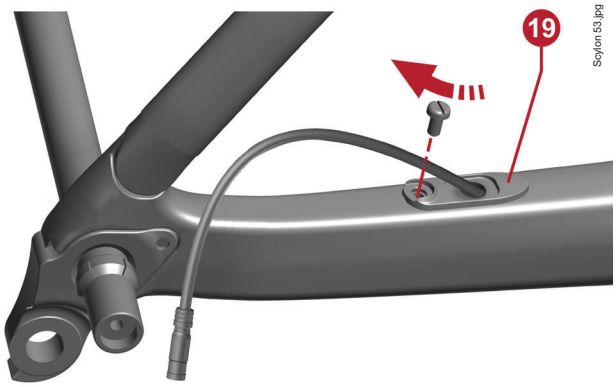
- Remove the array of guides and the sheath stopper from the rear base.
- Use the cable guide 19 as well as the **SHIMANO KSMGM01** grommet.



- Feed the cable 14 into the cable guide 19.

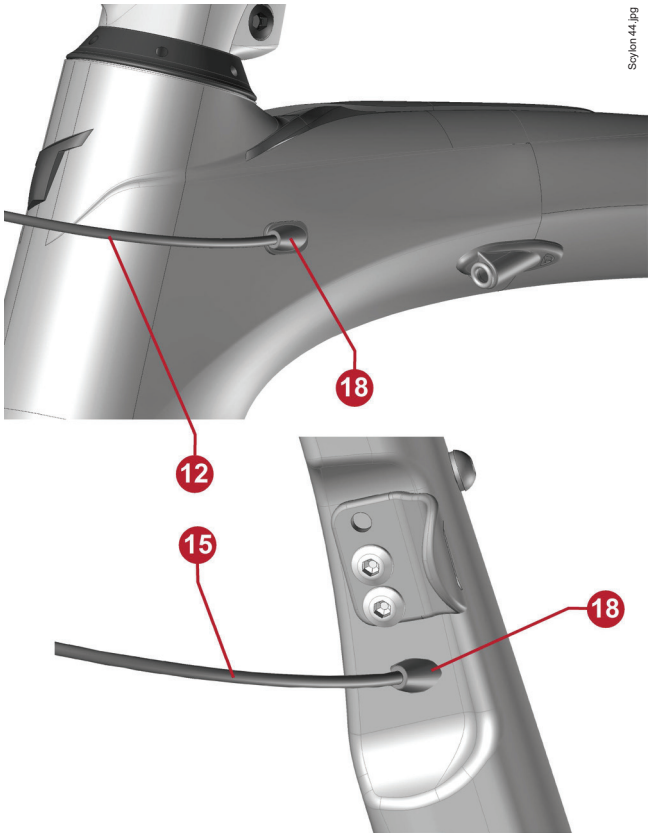


- Position the cable guide 19 in its housing on the rear base.
- Fix the cable guide 19 on the rear base, and tighten moderately.



Assembling the 18 KSMGM02 SHIMANO grommets

Place the set of 18 **SHIMANO** grommets on the entry holes of the front and rear derailleur wires (top of the diagonal tube):
- Direction sleeve, on the cable 12.
- Seat tube to front derailleur foot, on the cable 15.



The unit is now ready to be installed. Refer to **SHIMANO'S** recommendations for derailleur installation and adjustments. Similarly, the setting of the knobs and the cable connection **KEWSD50IL100** (using any **SHIMANO** compatible link beam) can be done according to **SHIMANO** procedures.

Mounting the SHIMANO junction box KSMEW90A or KSMEW90B

This mounting procedure applies only to frames delivered with a TIME MONOLINK Ulteam stem.

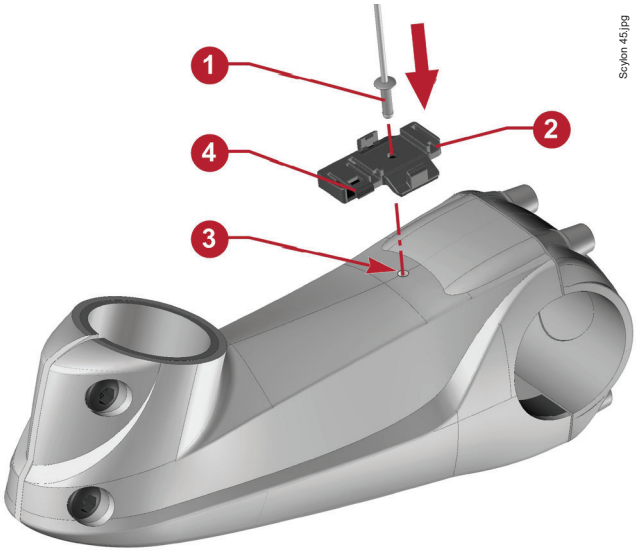
For its stem, TIME offers a solution for mounting the Junction B to eliminate the unsightly retaining clamp.

A Junction B holder and a fastening rivet have been delivered to you with your Scylon Electric Kit.
TIME MONOLINK Ulteam brackets are pre-drilled to receive this assembly.

Proceed as follows:

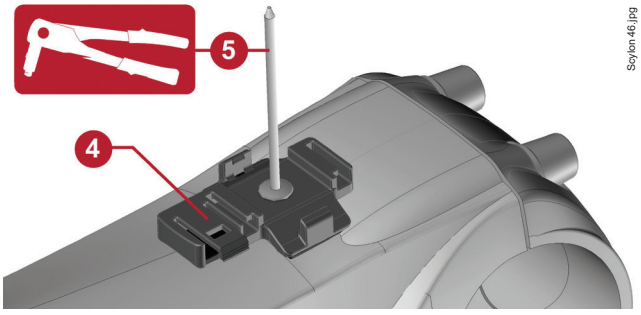
- Position the rivet 1 and bracket 2 under the stem, on the drilled hole 3.

Pay attention to the direction of the bracket:
The retention clip 4 must be on the left side of the bike (direction of travel).



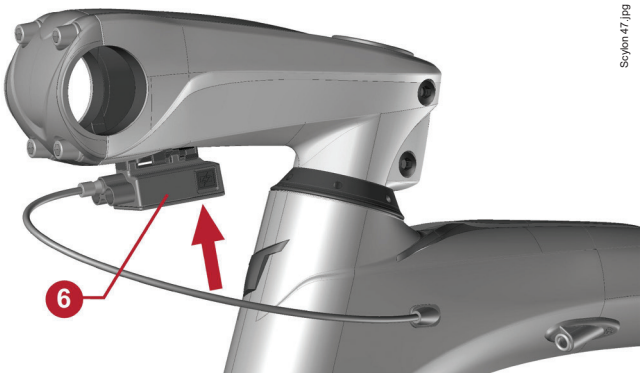
Scylon 45.jpg

- Rivet with a suitable rivet plier 5.



Scylon 46.jpg

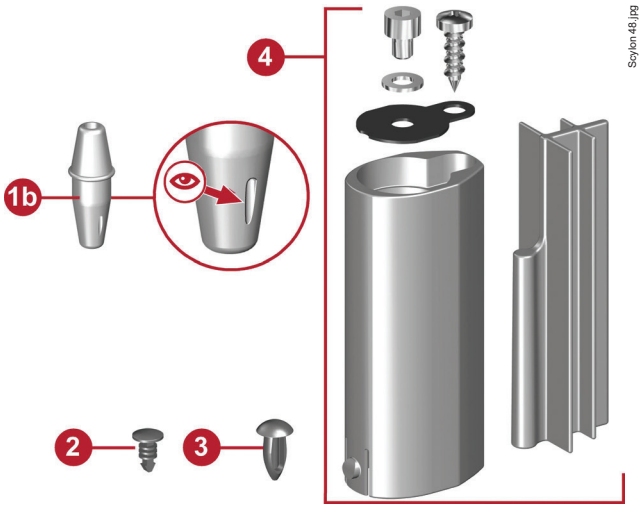
- Once your stem is placed on your frame, you can fix your **KSMEW90A** or **KSMEW90B** junction box 6.



Scylon 47.jpg

Assembly procedure for a CAMPAGNOLO EPS unit

These specific TIME components must be kept:
- The grommet 1b with a diameter **Ø 3.1 mm** (part with marking).
- The 2 caps 2 and 3 diagonal tube.
- The Multi-Fit battery holder with plate and retaining screw, as well as the **22 mm** holding spacer 4.



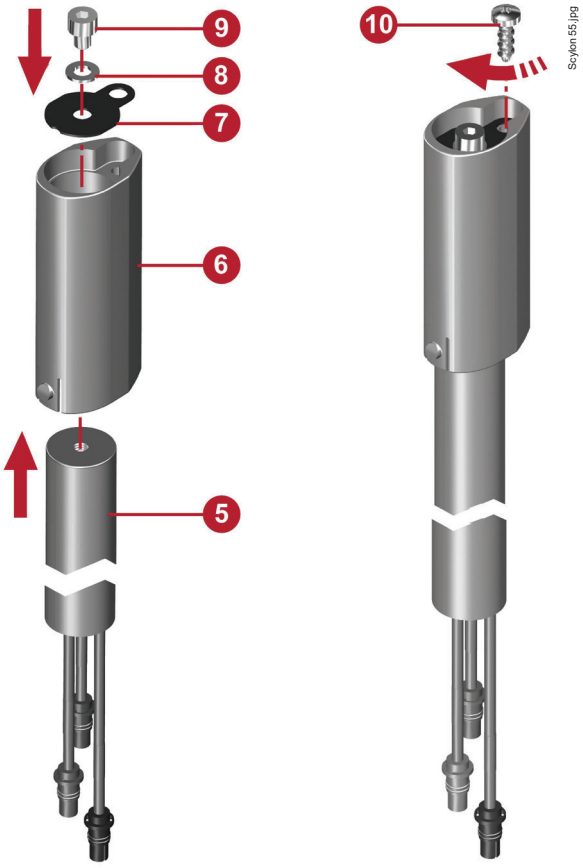
Material not provided but necessary necessary for installing the CAMPAGNOLO unit:
- Internal battery: Ref Power Unit **PU16IEPS**.

The rest of the components must be chosen by the end user according to the intended use of the bike, and will be compatible with the cabling carried out.

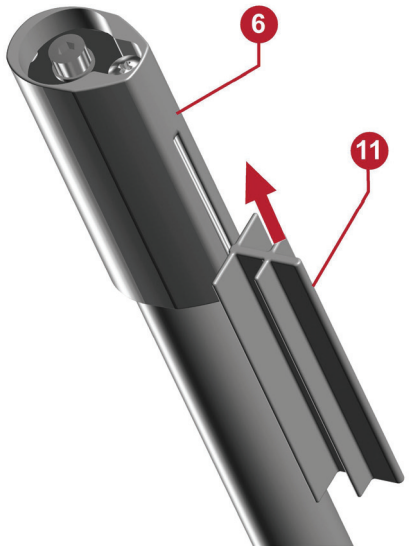
Battery assembly on the seat post:
The **CAMPAGNOLO** power unit **PU16IEPS** battery must be assembled on the TIME seat post using the supplied Multi-Fit components.

This procedure differs significantly from the installation recommended by CAMPAGNOLO.

- Slide the **PU16IEPS** battery 5 into the Multi-Fit holder 6.
- Position the plate 7 and the washer 8, then fix the assembly with the screw 9 (moderate tightening).
- Screw the retaining screw 10 (moderate tightening).

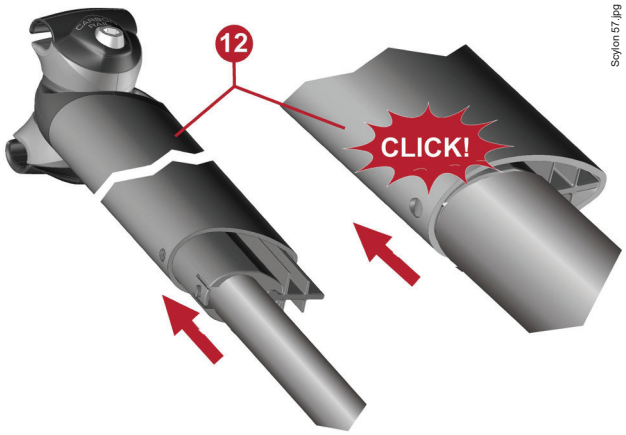


- Position the **22 mm setting** 11 on the Multi-Fit bracket 6.



Scylon 56.jpg

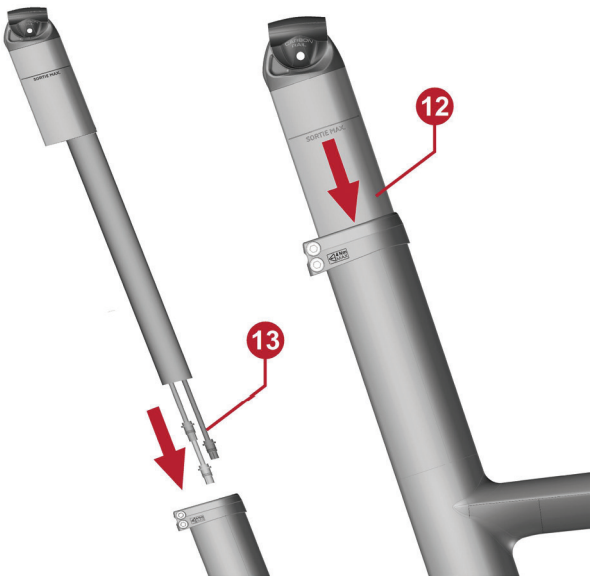
- Slide the assembly into the seat post tube 12.
- Clip the assembly into the drilled hole of the seat post tube 12.



Scylon 57.jpg

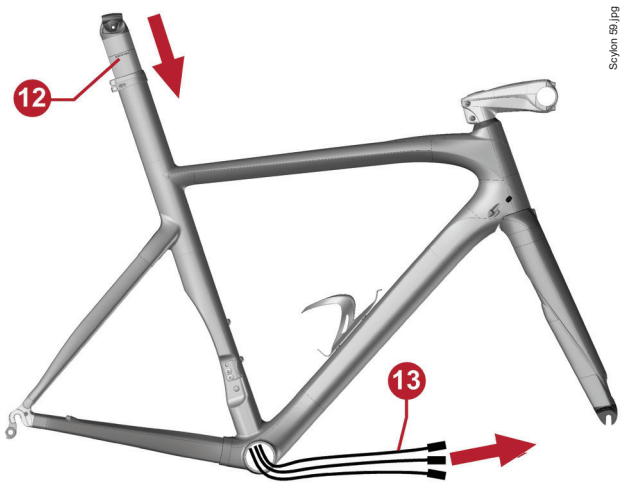
Your **CAMPAGNOLO PU16IEPS** power unit is now secured to the seat post.
Once this operation has been performed, you can start the frame wiring procedure.

- Feed the 3 control cables 13 into the seat tube and pull them out at the bottom bracket (yellow, red and green).
  For this operation, you can use either the TIME nylon threads already positioned or the magnetic tool provided by **CAMPAGNOLO**.



Scylon 58.jpg

- Position the seat post 12 in the seat tube taking care that the control cables descend 13.



Scylon 59.jpg

Using the TIME nylon threads already positioned, or the magnetic tool provided by **CAMPAGNOLO**, complete the routing of the control cables:
- green cable 14 rear derailleur.
- yellow cable 15 front derailleur.
- red cable 16 control.

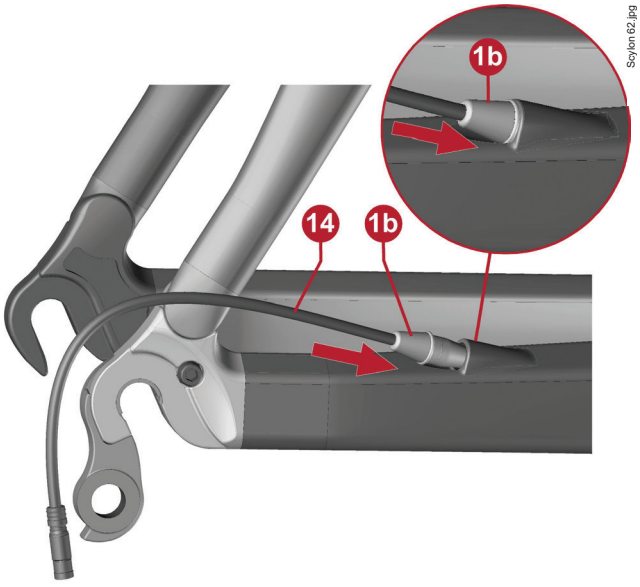


Scylon 60.jpg

Scylon frame rear derailleur:

- Place the TIME **Ø 3.1 mm** 1b grommet on the right rear base.
- Open the grommet at the slot and slide the piece onto the green cable 14.
- Position the grommet at the desired distance.
- Moisten or lightly grease the grommet to facilitate its positioning in the housing.

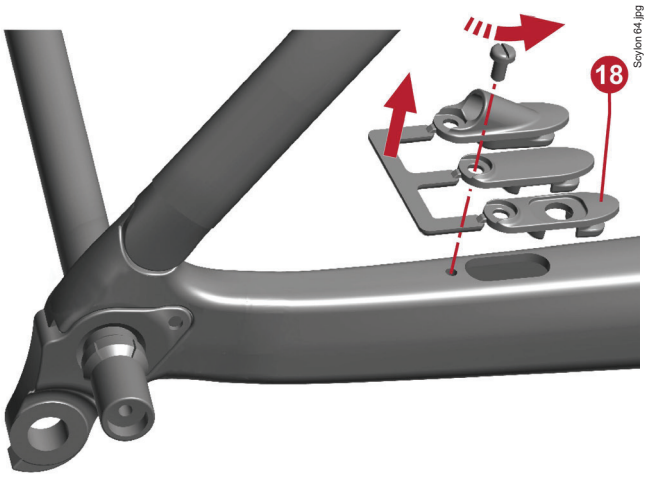
Orient the grommet (slot towards the base), then push it firmly into its housing.



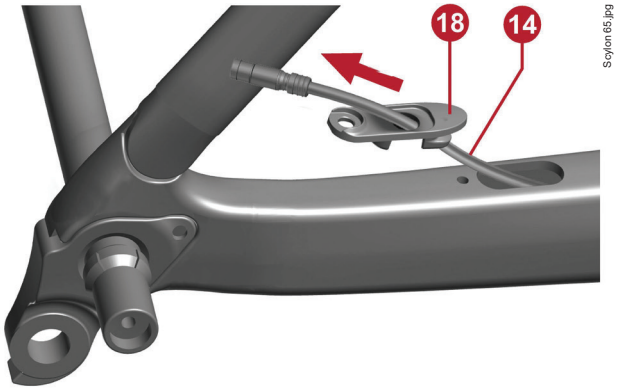
Scylon 62.jpg

Scylon frame rear derailleur disc:

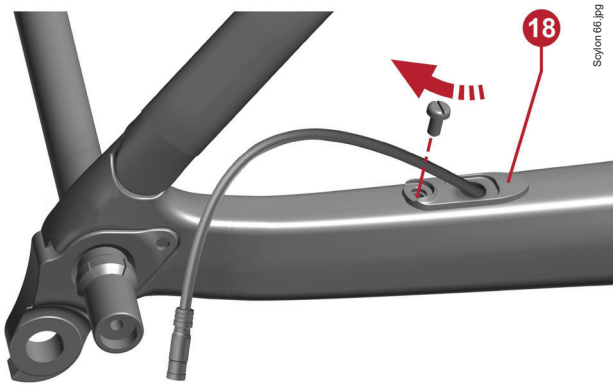
- Remove the array of guides and the sheath stopper from the rear base.
- Use the cable guide 18 with a suitable **CAMPAGNOLO** grommet.



- Feed the green cable 14 into the cable guide 18 .

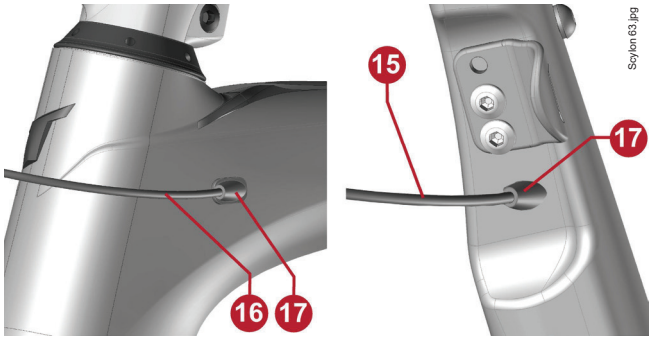


- Position the cable guide 18 in its housing on the rear base.
- Fix the cable guide 18 on the rear base, and tighten moderately.



Assembling the 17 CAMPAGNOLO grommets

Place the set of 17 **CAMPAGNOLO** grommets on the entry holes of the front and rear derailleur wires (top of the diagonal tube):
- Direction sleeve, on the red cable 16.
- Seat tube to front derailleur foot, on yellow cable 15.

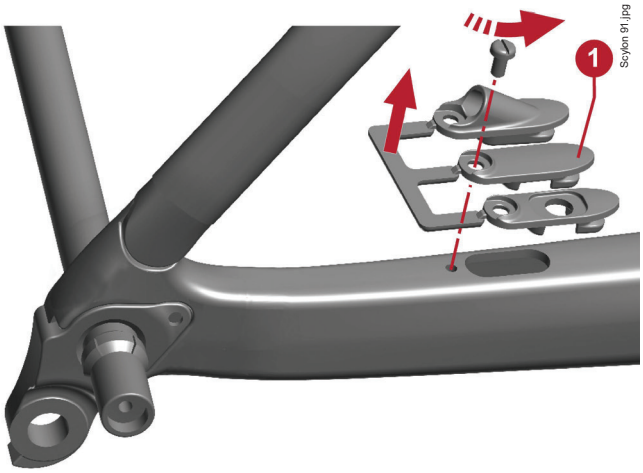


The unit is now ready to be installed. Refer to **CAMPAGNOLO** recommendations for derailleur installation and adjustments.

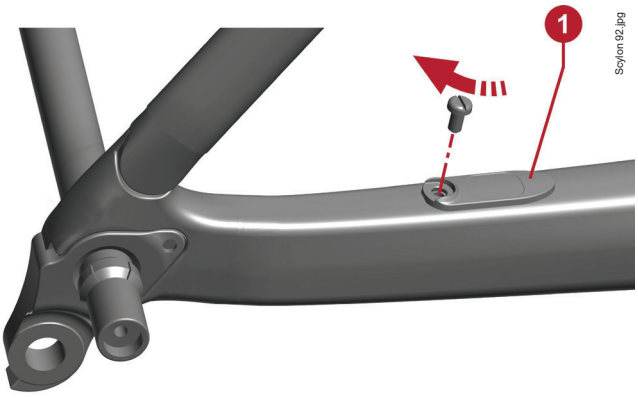
Mounting procedure for a SRAM eTAP wireless unit.
Refer to SRAM's recommendations for installing this wireless unit and its settings.

Scylon frame rear derailleur disc:

- Remove the array of guides and the sheath stopper from the rear base.
- Use the cable guide 1 .



- Position the cable guide 1 in its housing on the rear base.
- Fix the cable guide 1 onto the rear base, and tighten moderately.

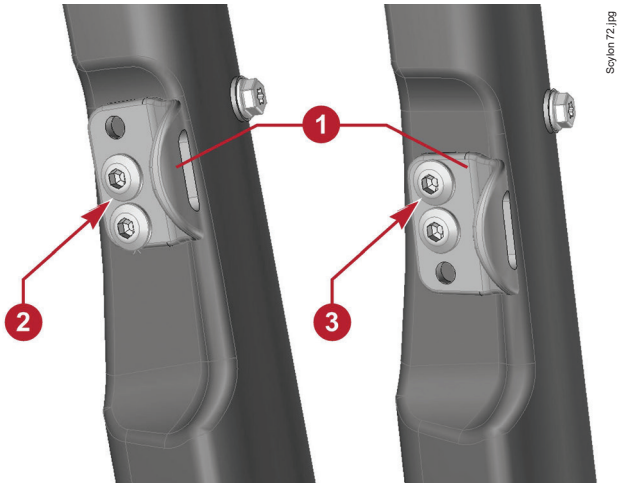


5.5 Assembly of the front derailleur

Before the assembly, read the technical instructions by the manufacturer of the front derailleur.

The TIME Scylon frame is designed to receive a front derailleur "for soldering".

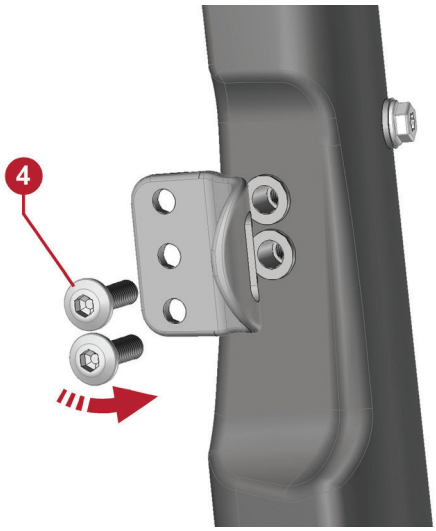
The derailleur bracket 1 is adjustable in 2 positions:
- High position for classic pedals 2, tray of **53 teeth**.
- Low position for compact pedals 3, tray of **50 teeth**.



Scylon 72.jpg

- Tighten the screws 4 Ref: **600045041**, to a torque of **7 Nm** using a dynanometric key.

In no case should you force the position of the derailleur hanger, as this can damage the frame irreparably.



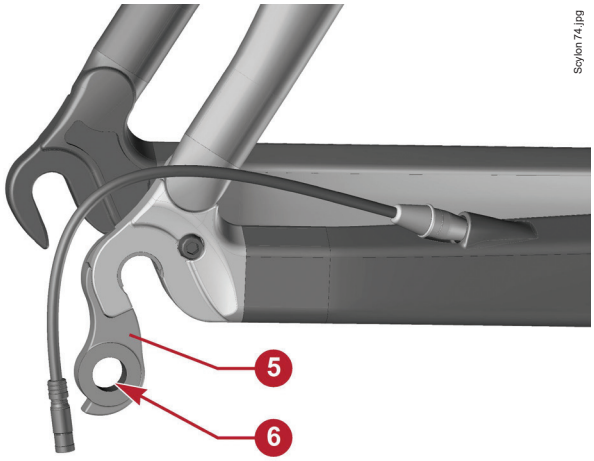
Scylon 73.jpg

5.6 Assembly of the rear derailleur

Before the assembly, read the technical instructions by the manufacturer of the rear derailleur.

The TIME frame is compatible with the 10- and 11-speed derailleurs on the market:
- Derailleur support 5.
- Standard thread M10 x 100 6.
- Lightly grease the fixing screw before assembly.

If the hanger has to be aligned, this should be done by a professional who will use the appropriate tools. Excessive or repeated deformation may weaken the derailleur hanger bracket.



Scylon 74.jpg

5.7 Assembly of the bottom bracket

TIME Scylon frames are designed to accommodate the new **BB386 standard**.
Before the assembly, check that your pedal is **BB386** compatible.

Carry out the assembly according to the recommendations of the manufacturer of the bottom bracket.

The spans of the TIME Scylon bearings are obtained directly from moulds. A conformity check is performed during the manufacturing process.
Consequently, no rework is necessary or allowed before assembly.

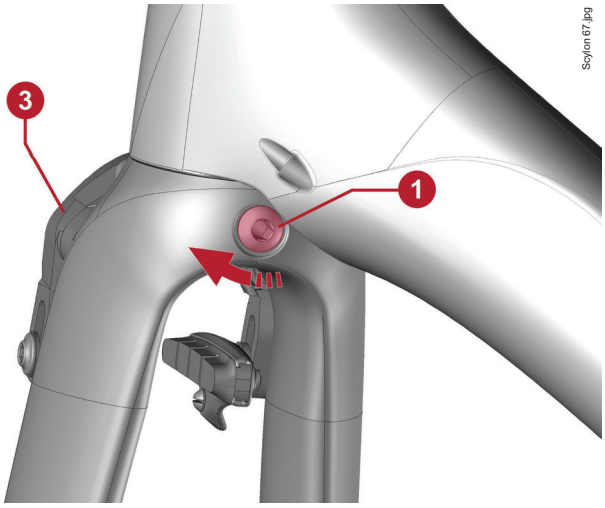
5.8 Assembling the brakes

Before the assembly, read the technical instructions by the brake system manufacturer.

5.8.1 Brake pad installation, TIME Scylon frame.

TIME frames come with specific brake nuts that must be replaced with the original brake nuts:
- Front nut 1 of length 48 mm ref: **60007788**.
- Rear nut 2 length 27 mm ref: **6007792**.

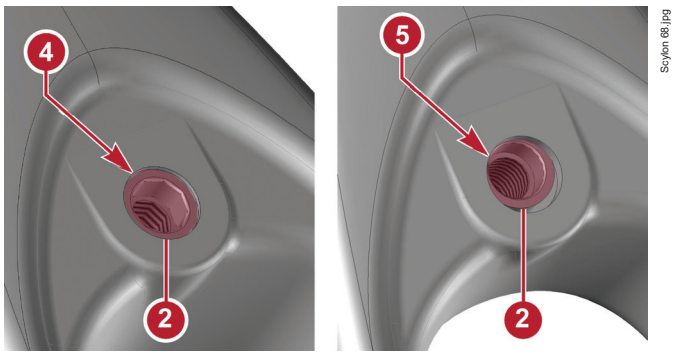
Mounting the front brake calliper:
- Lightly grease the threads of the nuts before assembly.
- Position the front brake calliper 3.
- Tighten the front nut 1 to a torque of **6 Nm** using a torque wrench.



Mounting the rear brake calliper:

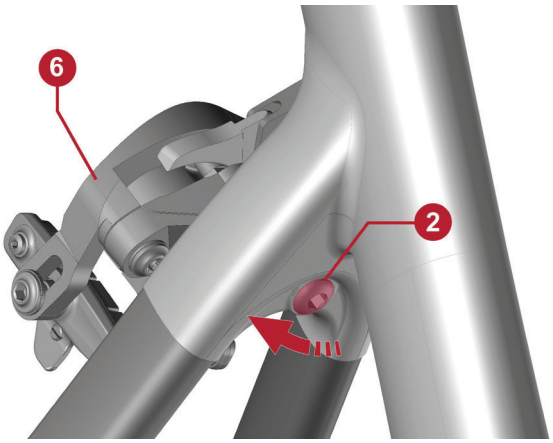
- Because of its construction, the TIME Scylon frame cannot have a stepped bore for the brake shaft to pass through (**Ø 6.5 mm** and **Ø 8.5 mm**).
- For Scylon, drilling is done with a constant diameter of **Ø 8.5 mm**.
- The guidance will be precise thanks to the brake nut guided by the 2 walls of the frame structure.

When fitting the brake, make sure that the nut is properly aligned 2 with the frame:
- Correct alignment of the nut 4.
- Wrong alignment of the nut 5.



- Position the rear brake calliper 6.
- Tighten the rear nut 2 to the torque of **6 Nm** using a torque wrench.

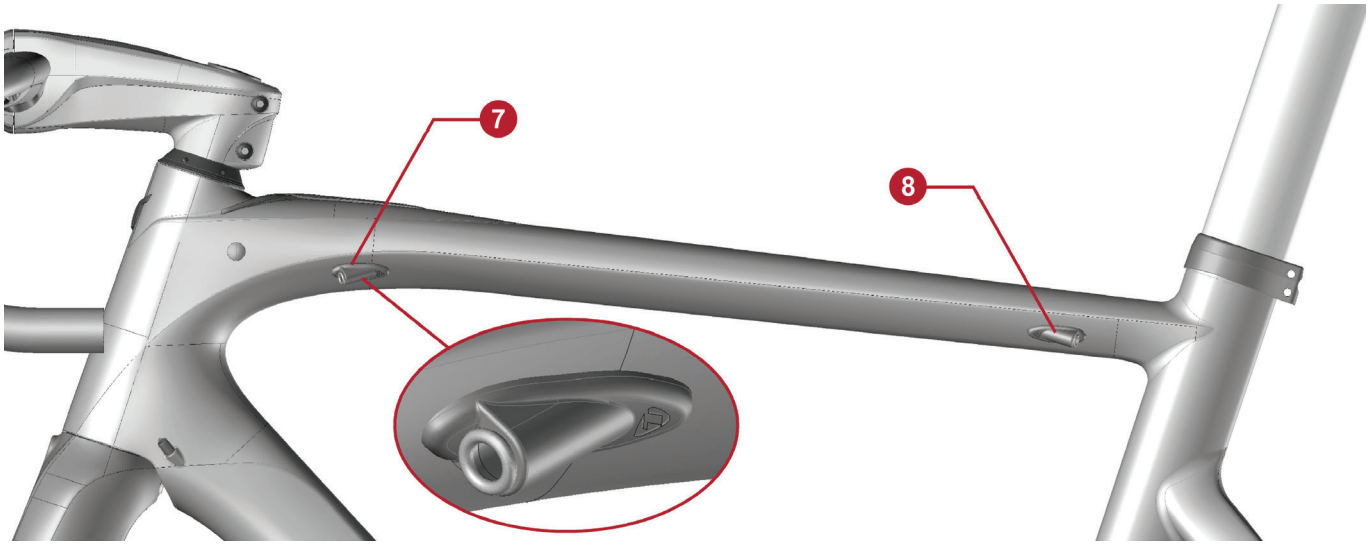
The brake nuts are specific for each type of frame and should not be used on another product and vice versa. Exceeding the recommended torque does not improve the performance, but on the other hand risks producing a harmful stress that can damage the carbon part or reduce the braking effectiveness.



Scylon 69.jpg

Assembly of the rear brake sheath:
The TIME Scylon frame has a passage for the inner rear brake sheath, and a guide tube allows the sheath to be guided into the upper tube of the frame.

- Entry of the brake sheath 7.
- Exit of the brake sheath 8.

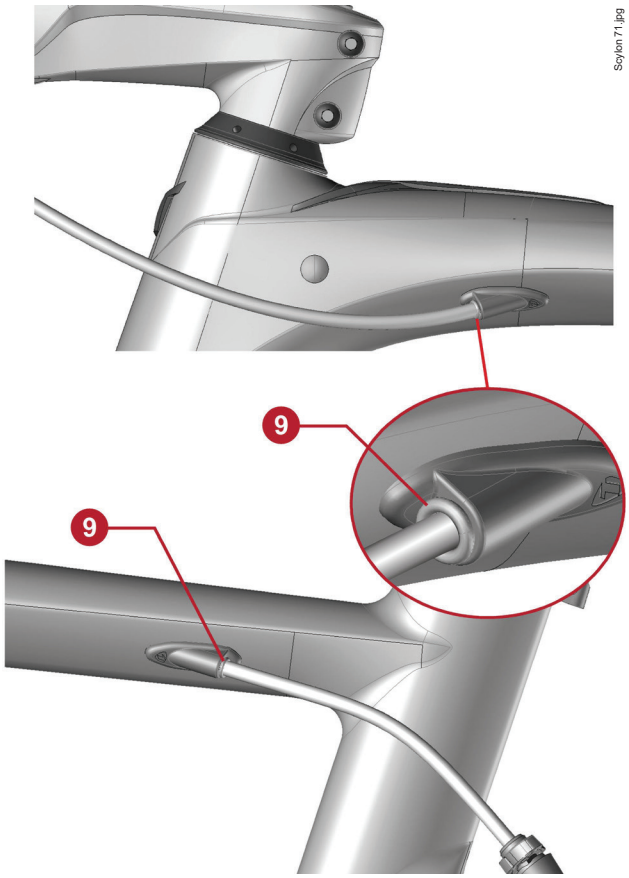


Scylon 70.jpg

Sheath holding gasket:

- 2 O-rings **Ø 4 mm** 9 Ref: **55007196** come with the frame.
  They must be positioned on the brake sheath to prevent it from moving during use.

The whole of the sheath is fed into the frame, and it must not be interrupted.

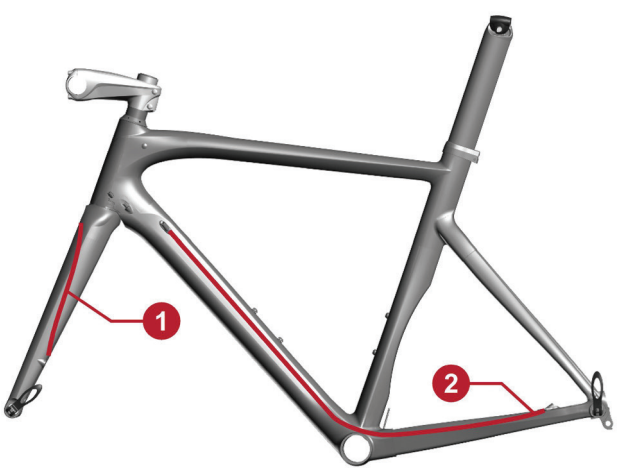


Scylon 71.jpg

5.8.2 Mounting disc brake callipers, Scylon frame discs.

Before the assembly, read the technical instructions by the brake system manufacturer.

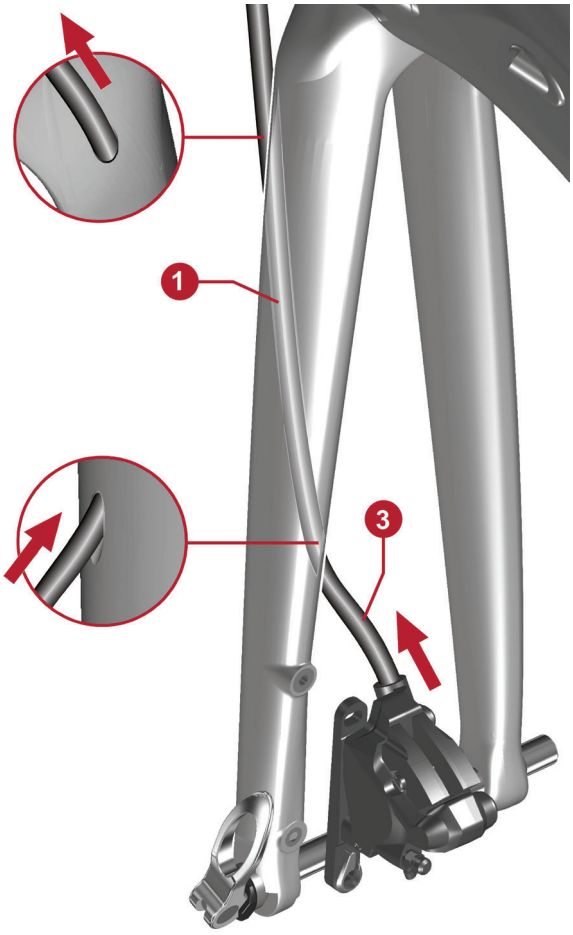
The routing of the hydraulic sheaths is done internally, and to facilitate their assembly and the replacement, sheath guides are pre-assembled at the factory:
- Front brake inner sheath guide 1.
- Rear brake inner sheath guide 2.



Scylon 75.jpg

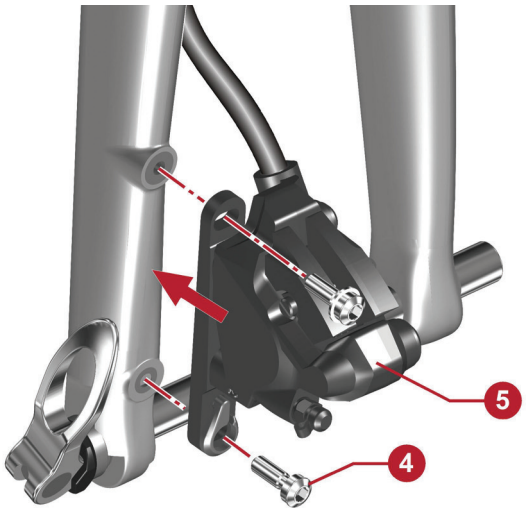
Assembly of the sheath and the brake calliper:

- Feed the sheath 3 into the sheath guide 1 of the fork.



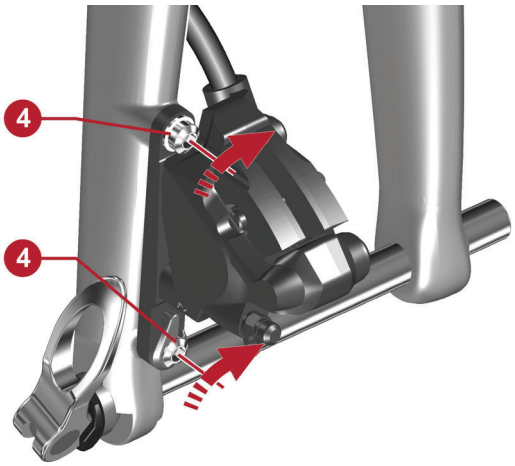
Scylon 76.jpg

- Position the front brake calliper 5.
- Align the calliper with the disc mounted on the wheel.



Scylon 77.jpg

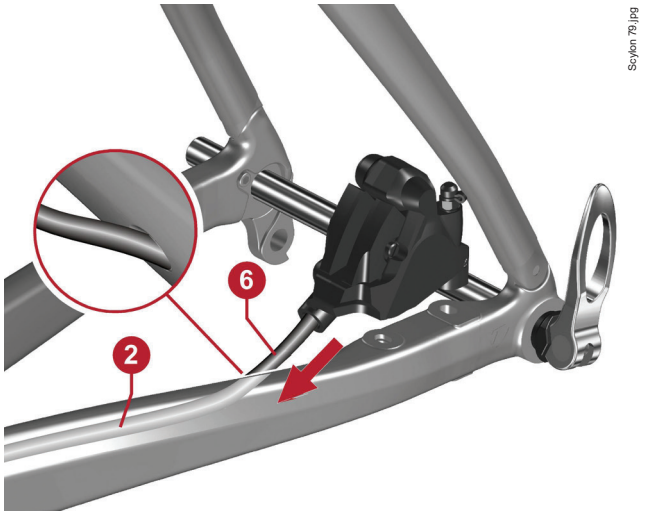
- Tighten the screws 4 to a torque of **7 Nm** using a torque wrench.
- Refer to the manufacturer's instruction manual, for cutting to length and connect the sheath to the brake lever, adjusting the calliper on the disc, and bleeding the brake system.



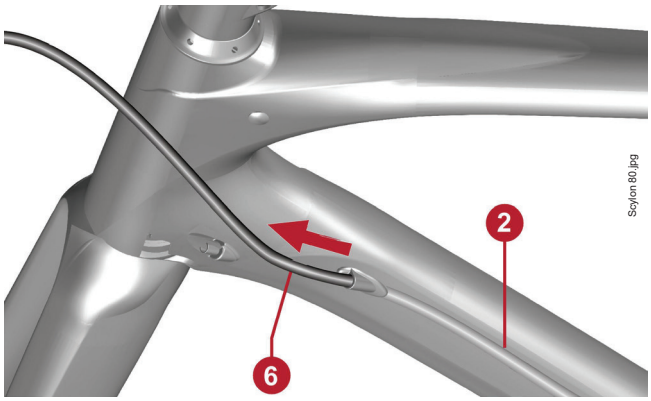
Scylon 78.jpg

Assembly of the sheath and rear brake calliper:

- Feed the sheath 6 into the sheath guide 2 of the frame.

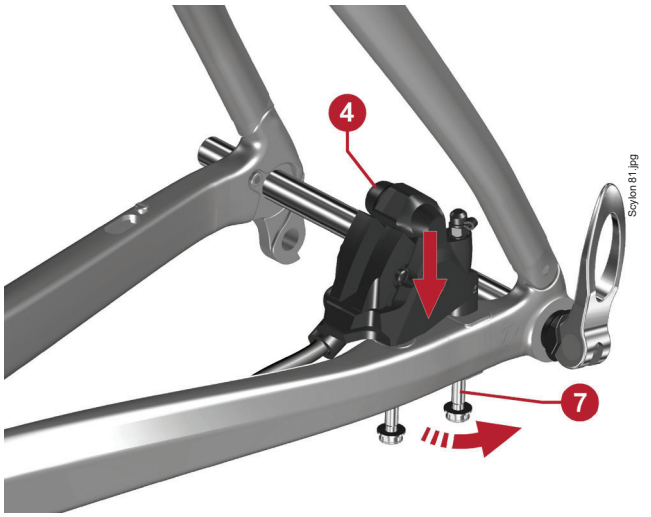


Scylon 79.jpg



Scylon 80.jpg

- Position the rear brake calliper.
- Align the calliper with the disc mounted on the wheel.
- Tighten the screws 7 to a torque of **7 Nm** using a torque wrench.
- Refer to the manufacturer's instruction manual, for cutting to length and connecting the sheath to the brake lever, adjusting the calliper on the disc, and bleeding the brake system.



Scylon 81.jpg

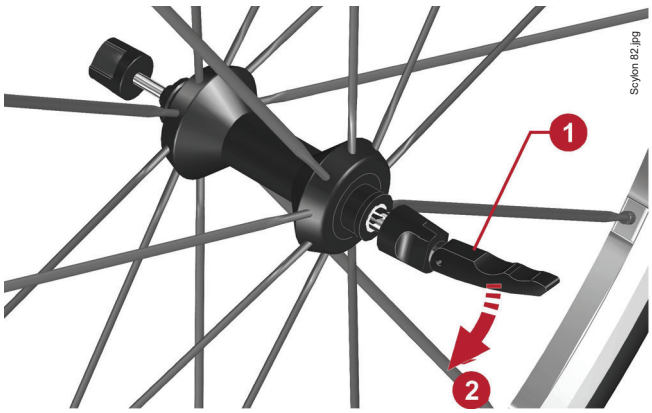
5.9 Installing and removing the wheels

5.9.1 Installing and removing the wheels on the Scylon frame

TIME Scylon frames are equipped with forks with safety lugs, for a quick locking system with traditional locking.
Before assembling, read the technical instructions of the wheel and wheel lock manufacturer.

Wheel installation:

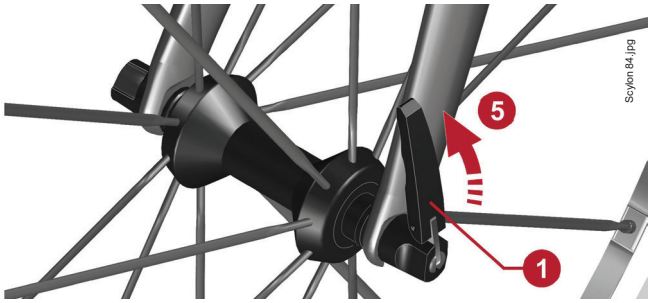
- Position the quick release lever 1 of the wheel axle in the open position 2.



- Maintain this leverage 1 in open position, and bring the fork 3 onto the wheel axis.
- Turn the adjusting nut 4 until it is slightly tight.



- Operate the quick release lever 1 in closed position 5: the clamping force must be correct, then lock this lever.
  If the clamping force is not correct, slightly turn the adjusting nut clockwise to increase the clamping force.



Removing the wheels:
Remove in the reverse order of installation.

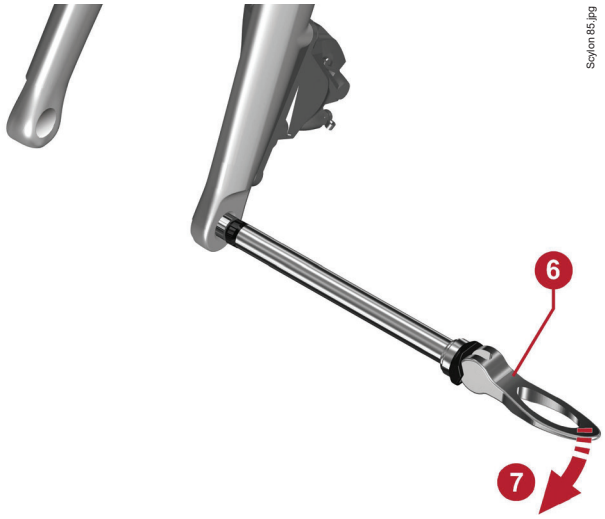
Always check the tightness of your wheels before each ride.

5.9.2 Installing and removing the wheels on the Sylon disc frame

TIME Sylon disc frames are equipped with wheel axles, with a quick-fastening through-axle system.
Before installing, read the wheel manufacturer's technical instructions.

Wheel installation:

- Position the quick release lever 6 of the wheel axle in the open position 7.



Scylon 85.jpg

- Keep this lever 6 in open position, and bring the fork 8 onto the wheel hub.



Scylon 86.jpg

- Engage the axis 9 in the wheel hub, until you hear an audible "click".
- Turn the adjusting nut 10 to expand the red insert.



Scylon 87.jpg

- Operate the quick release lever 6 in closed position 11: the clamping force must be correct, then lock this lever.
  If the clamping force is not correct, follow the setting instructions on the lever on delivery.



Removing the wheels:

- Position the quick release lever 6 of the wheel axle in the open position 7.
- Press the adjusting nut 10, and push it inside the wheel hub 12.



- Remove the wheel axle 9, the hub and the fork.
- Remove the wheel.



Always check the tightness of your wheels before each ride.

5.10 Settings and maintenance

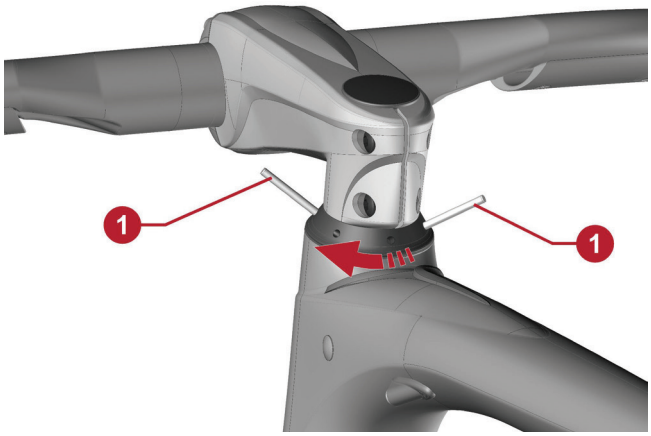
5.10.1 Setting the steering

TIME frames are equipped with the Quickset headset system.
Although this is preset in the factory, it is normal for there to be some play after a break-in period.

To stop this play, proceed as follows:

- Use the small levers 1 Ref: **60003067** which come with the frame.
- Position them in the circlet.
- Immobilise the fork and turn the levers slightly 1 clockwise to eliminate the play.

Do not overload the bearings, which could make the steering unpleasant to use and prematurely damage the bearings.

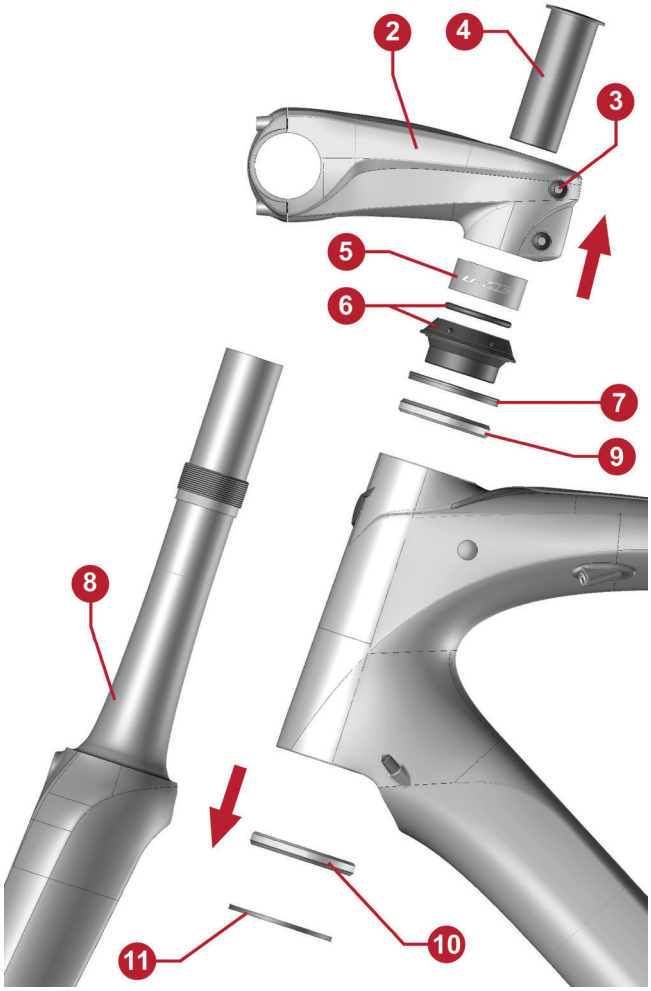


Scylon 93.jpg

5.10.2 Replacement of steering bearings

Disassembly:

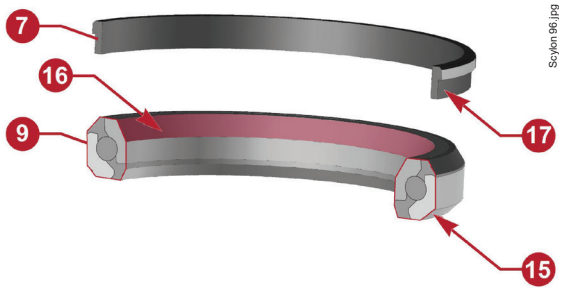
- Disassemble the stem 2 by loosening the fastening screws 3 (if necessary, remove the brake and derailleur cables).
- Slide the stem upwards taking care not to damage the compression plug 4 and the spacers 5.
- Loosen the Quickset circlet 6 using the small levers 1 Ref: **60003067**, which come with the frame.
- Remove the circlet 6 and its seal and the deflector 7, from the pivot by sliding them.
- Release the fork 8 from the frame.
- Remove the bearings 9 and 10 and the protective skirt 11 .
- Clean the set of spans and then re-grease them with cycle grease.



Scylon 94.jpg

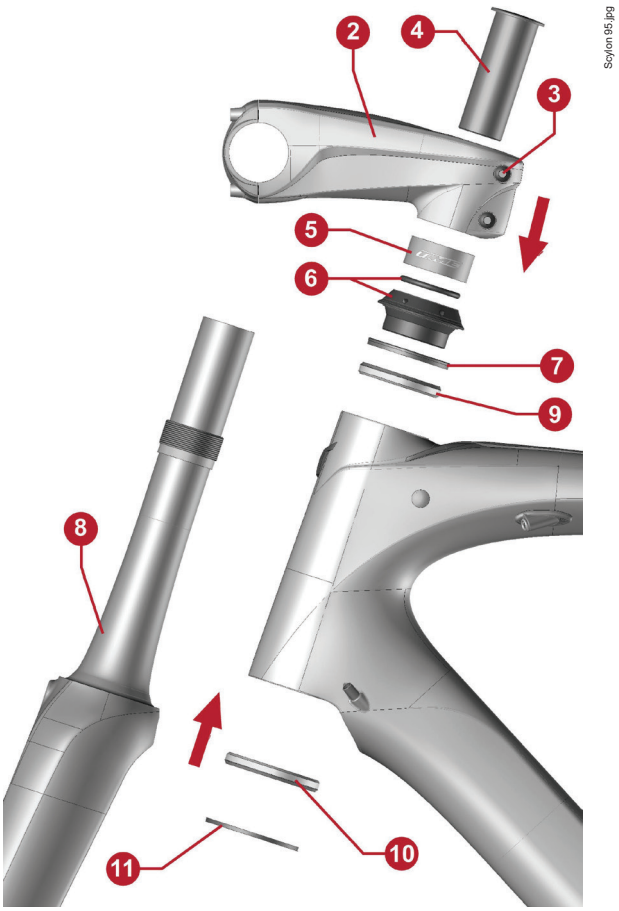
Reassembly:

- Position the protective skirt 11 Ref: **55007795** chamfer 12 down on the fork.
- Position the lower steering wheel **Ø 52 mm** 10 Ref: **61007475** taking care to orient the outer chamfer 13 upward, the bracket cone 14 on the fork 8.

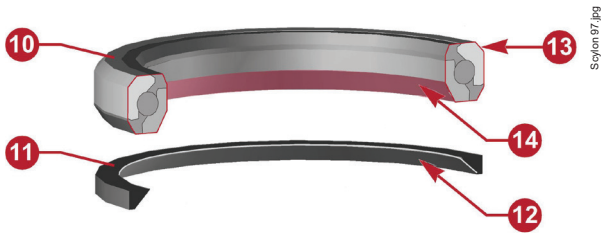


Insert the fork into the frame:

- Position the upper steering wheel **Ø 45 mm** 9 Ref: **61005887** taking care to orient the outer chamfer 15 down, with the support cone 16 on the Quickset 6 circlet.
- Position the deflector 7 Ref: **55007796** for Quickset 6 bowl Ref: **55007796** on the direction sleeve, small diameter 17 down.
- Slide the Quickset circlet 6 onto the pivot until it comes in contact with the threaded ring.
- Screw the Quickset circlet 6 using the small levers 1 Ref: **60003067** until it comes in contact with the bearings 9 and 10.
- Fine tune the play in the direction.
- Reassemble the spacers 5, the stem 2 and the compression cap 4.



- Tighten the fixing screws 3 to the tightening torque of **5 Nm** in the case of a TIME stem (if the stem is not a TIME stem: observe the tightening torque recommended by the manufacturer), (see Chapter 5.3).

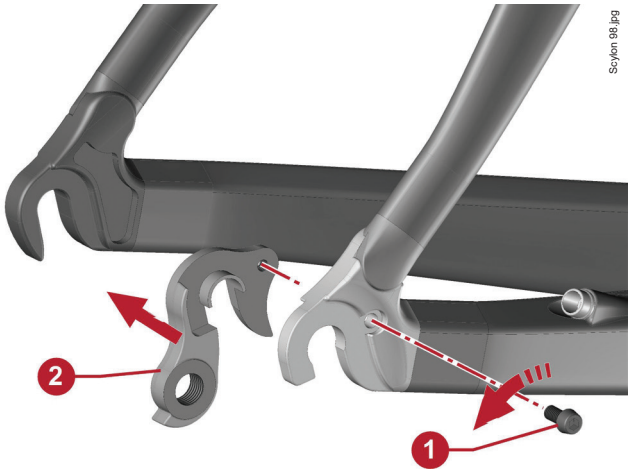


The bearings of TIME frames are specific!
Do not install any adaptable bearings or you could make the bike unsafe to use and irreversibly damage your frame.

5.10.3 Replacing the rear derailleur hanger

Disassembly:

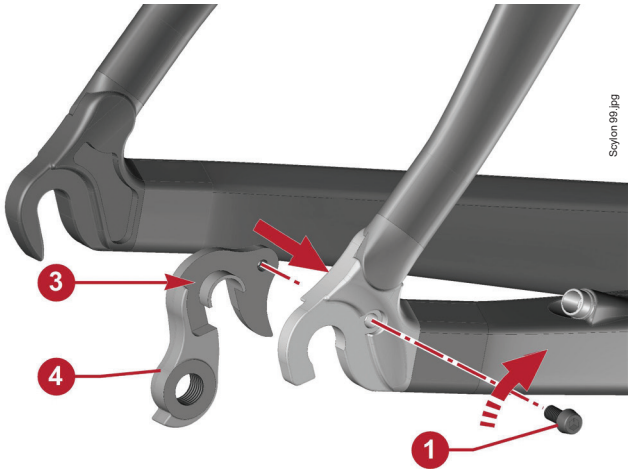
- Unscrew the CHC M4 screw 1 with number 3 Allen key.
- Remove the damaged derailleur hanger 2.



Reassembly:

- Lightly grease the support face 3 on the frame.
- Position the new derailleur hanger 4 Ref: **55007735**.
- Screw the M4 screw 1 ref: **60007825**.

After a few tens of kilometres, check the tightness of the screw 1 M4 CHC.



Cleaning:

- Use neutral products that are safe for the environment.
- Do not use a pressure washer
- Wipe the frame with a soft cloth.

Do not use abrasive products such as polish. Traces of grease will be eliminated using a white spirit type solvent.

NOTES

NOTES

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