Assembly instruction manual for a TIME frame Alpe d'Huez 1 - Alpe d'Huez 21



Congratulations!

Congratulations and thank you for your confidence in us. You have just purchased a TIME Alpe d'Huez frame.

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

The Alpe d'Huezframe 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 Alpe d'Huez Aktiv model 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 don't 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.
Important: 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 Limitations

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 explicit or implied warranty is granted by TIME.

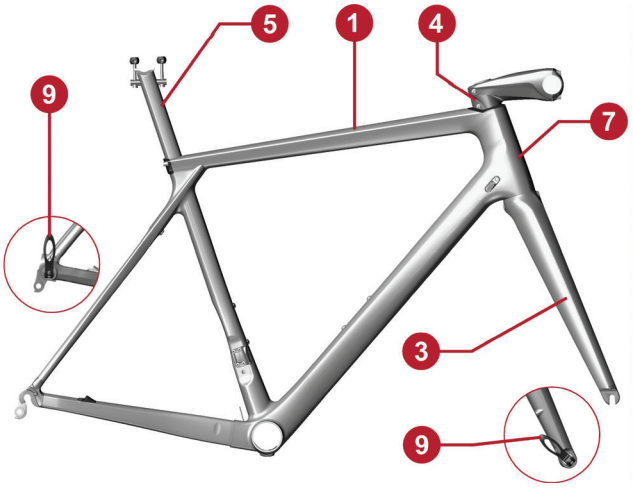
1.5 Product life cycle

- The TIME lifetime warranty on frames cannot mean or imply that a TIME frame cannot break or is eternal. 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.

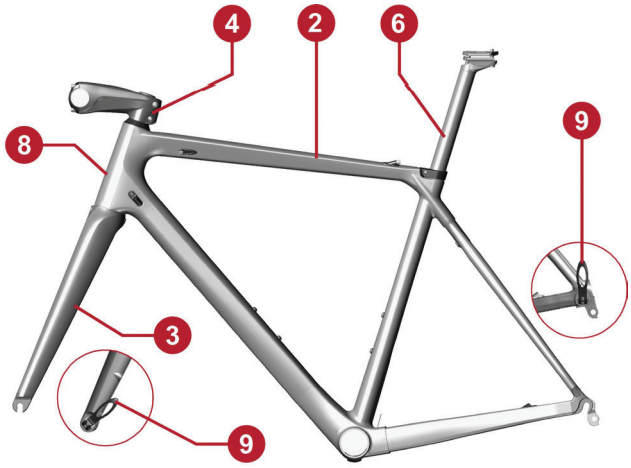
2. After-sales service / spare parts

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 Alpe d'Huez frame



Alpe d'Huez 1



Alpe d'Huez 21

1. **Alpe d'Huez frame 1:**
   - RTM carbon HM
   - VIBRASER Technology
   - CMT carbon rear legs
2. **Alpe d'Huez frame 21:**
   - RTM carbon HS
   - BASALTE technology
   - CMT carbon rear legs
3. **Fork:**
   - RTM carbon Monoblock
   - CMT carbon legs
   - TIME QuickSet system
4. **Stem:**
   - Monolink Full carbon RTM
5. **Specific Alpe d'Huez 1 seatpost**
6. **Standard Ø 27.2 Alpe d'Huez 21 seatpost**
7. **Alpe d'Huez 1 headset:**
   - Low Quick Set with integrated cover
8. **Alpe d'Huez 21 headset:**
   - Quick Set with differentiated bearings
9. **Alpe d'Huez discs:**
   - "Thru-Axle" wheel axle front Ø 12
   - "Thru-Axle" wheel axle rear Ø 12
10. **Accessories:**
    - Compression cap
    - Stem extension kit
    - Front and rear brake nuts Quick Set low headset adjustment tool (Alpe d'Huez 1)
    - Adjustment levers for the Quick Set headset (Alpe d'Huez 21)

3.1 Technical characteristics of the TIME Alpe d'Huez frame

- Wheel diameter: **700C**
- Max section of the tyres: **700 x 28**
- Width of the Alpe d'Huez front hub: **100 mm**
- Width of the Alpe d'Huez rear hub: **130 mm**
- Width of the Alpe d'Huez front hub disc: **100 mm**
- Width of the Alpe d'Huez rear hub 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**
- Alpe d'Huez 1 seatpost: **specific**
- Alpe d'Huez 21 seatpost: **standard Ø 27.2**
- Type of front derailleur: **for soldering**
- Rear derailleur bracket: **M10 x 100**
- Alpe d'Huez brakes: **Standard callipers** (road 39/50)
- Alpe d'Huez brake discs:
  - Rear disc recommendation: **R140 mm min.**
  - Front disc recommendation: **R160 mm**
- Direction: **Integrated.**

3.2 Standard

The TIME Alpe d'Huez 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 Alpe d'Huez 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: **6 Nm**
- Rear clamping of stem: **5 Nm**
- Front clamping of stem: **6 Nm**
- Brake nuts: **6 Nm**
- Front derailleur bracket: **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 the bike is not subjected to abnormal shocks.
- Inspect the bike regularly before use.
- Do not leave your bike exposed to too much heat.
- In the event of a fall, have the bike checked by a specialist dealer or by the TIME service department.
- If in doubt about any part of the frame, contact the 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 Alpe d'Huez frame to the height and position of the user, the fork pivot and the seat height must be adjusted.

Tools needed:

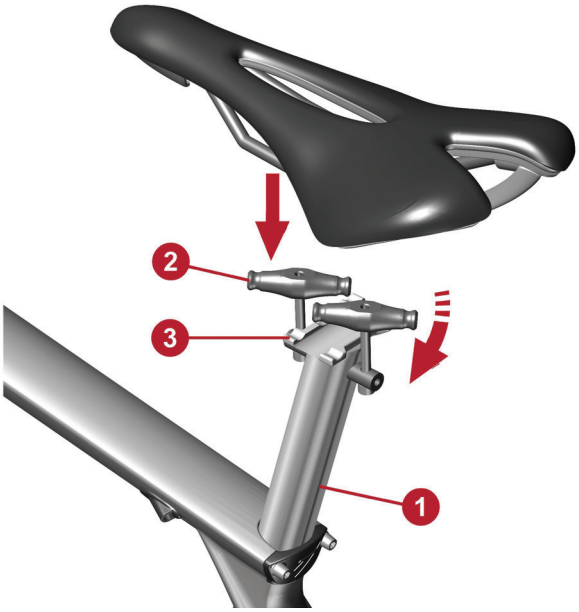
Specific tools provided	Conventional tools not provided
Alpe d'Huez 1: - Quick Set headset adjustment tool low (55007091) **Alpe d'Huez 21:** - Adjustment levers for the Quick Set headset (60003067)	Torque wrench with hexagon socket 3 mm, 4 mm, 5 mm, and 6 mm
	Cruciform screwdriver PH0 and PH1
	Flat screwdriver 0.5 x 3.0 mm
	Riveting pliers
	Sawing guide
	Metal saw

5.1 Mounting the seat

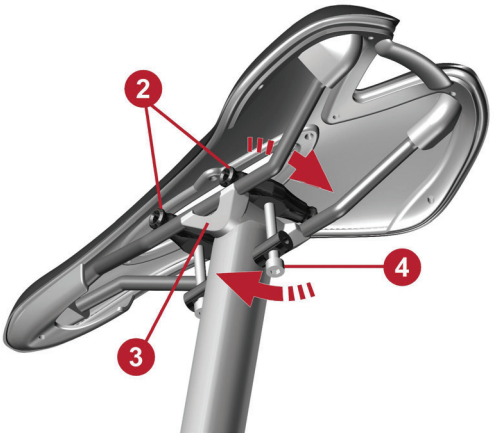
5.1.1 Alpe d'Huez 1

The seatpost 1 comes with the Time Alpe d'Huez 1 frame.

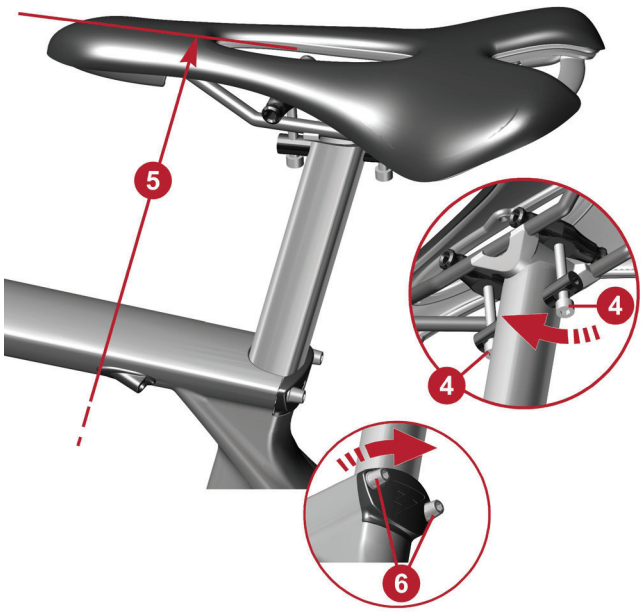
Seat assembly on the seatpost:
- Rotate the clamps 2, and position the seat on the carriage 3.



- Rotate and position the clamps 2 on the seat rails.
- Pre-tighten the seat 4 on the carriage 3, to position it horizontally.

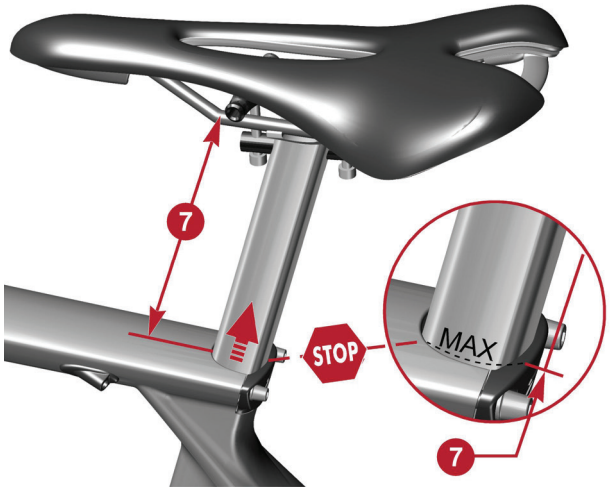


- Adjust the seat to the correct height 5.
- Lightly tighten the screws 6 of the clamp.
- Finalise the seat adjustment on the seatpost (trim and recoil).
- Final tightening of the seat to a maximum torque of **6 Nm 4.**
- Perform the final tightening of the seatpost to a maximum torque of **4 Nm taking care to increase the torque alternately on each screw 6**.



- Axis of the seat rail at the max extension mark: **245 mm 7**.

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

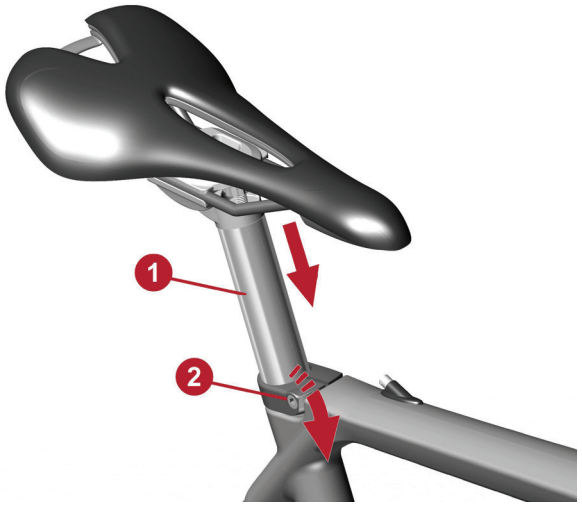


5.1.2 Alpe d'Huez 21

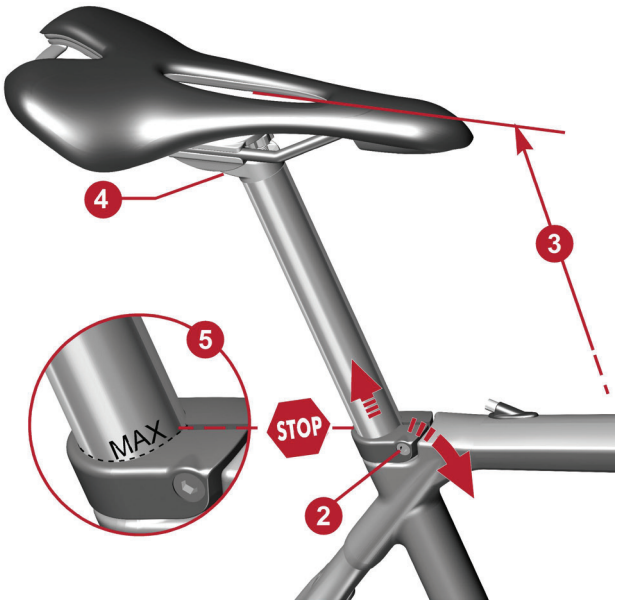
The seatpost is supplied with the Time Alpe d'Huez 21 frame.

Final assembly of the seatpost and the seat:

- Before mounting the **Ø 27.2 mm** standard seatpost 1 and the seat of your choice, take note of the manufacturer's technical instructions.
- Pre-tighten the clamp 2 of the seatpost and the seat to position it horizontally.



- Adjust the seat to the correct height 3.
- Slightly tighten the screw 2 of the clamp.
- Finalise the seat adjustment on the seatpost (trim and recoil).
- Final tightening of the seat to the torque stated by the manufacturer 4.
- Final tightening of the seat to a maximum torque of **5 Nm** 2.



Under no circumstances should the seatpost be extended beyond the maximum extension limit specified by the manufacturer 5.

5.2 Levelling the fork pivot and mounting the stem

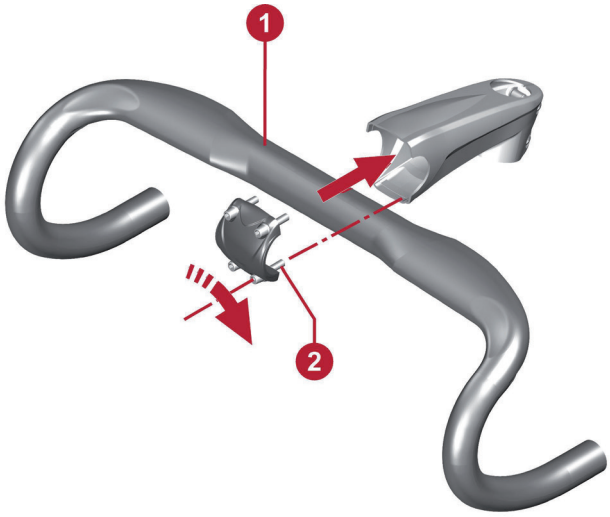
TIME Alpe d'Huez frames are equipped with a patented steering system, the Quickset.

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:

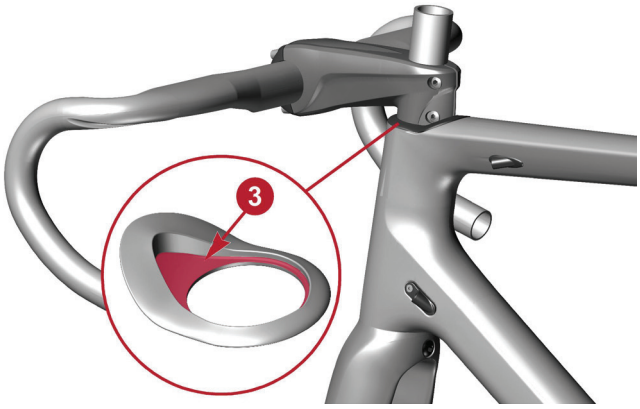
- Position the hanger 1 with a **Ø** of **31.8 mm**.
- Assemble the stem head with the screws 2 and tighten to a torque of **6 Nm, taking care to balance the tightening** .



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.

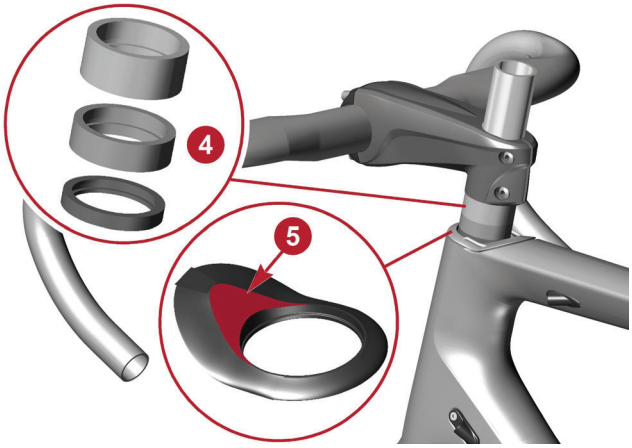
Blank mounting of the stem:

- Make a first blank mount to determine the height of the stem.
- To provide optimum adjustment, a kit of 3 extensions 4 **5, 10 and 15 mm** is delivered with the frame. These extensions incorporate an O-ring that prevents any parasitic vibration!



Alpe d'Huez 1 frame: use the cover 5, when mounting extensions 4.

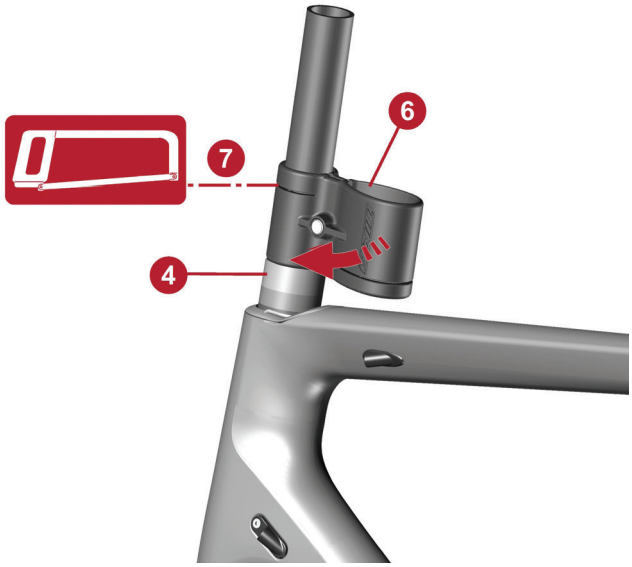
- When mounting the stem extensions 4 on the Alpe d'Huez 1 frame, the integrated stem cover must be replaced 3 by the right cover for the extensions 5.
- Perform a height adjustment test on the stem.



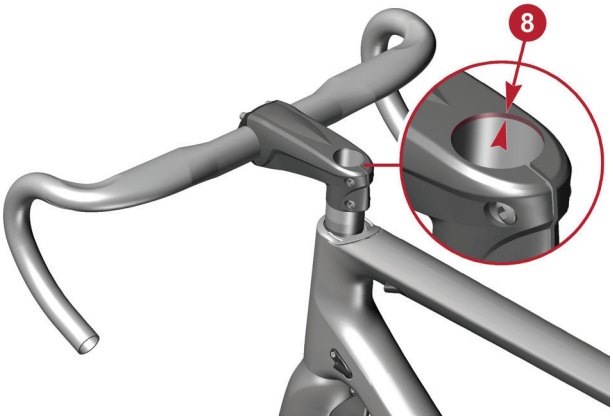
For safety reasons, only use the extensions supplied. The total height of the rings must not exceed 30 mm.

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 4 that have been selected).
- Position the cutting tool 6 **Ref. 55008073** provided.
- Tighten the tool 6 taking care that it flattens on the directional bowl or the shims 4.
- Cut the pivot 7 taking care not to deviate (use a saw blade in good condition).
- Clean the burrs and sawdust.



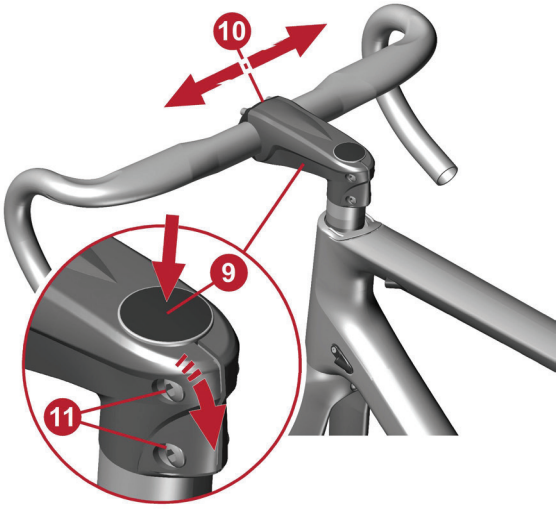
Replace the stem:
- Position the stem and check that the top of the pivot is well back by **0.5 to 2 mm** from the upper face of the stem 8.
- Insert the compression cap 9 inside the pivot.
- Align the stem 10.
- Tighten the stem on the pivot with a tightening torque of **5 Nm** on each screw 11, **using a torque wrench**.



The compression cap is specific to the Alpe d'Huez 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.

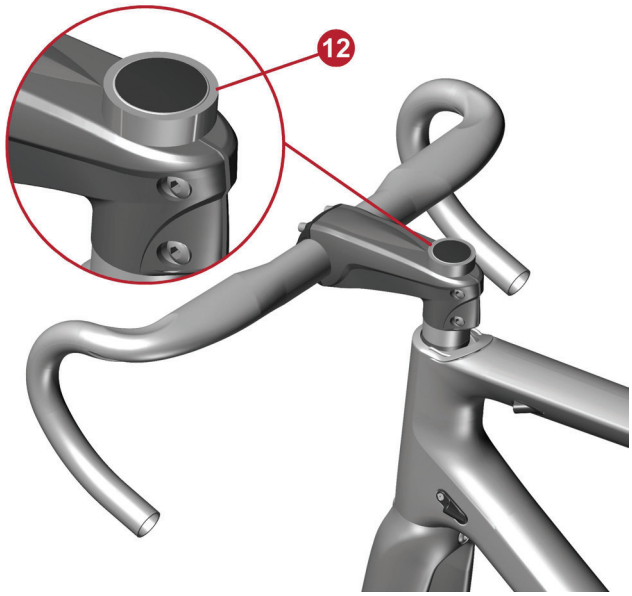
Detailed instructions for mounting the TIME MONOLINK stem are also available.



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 12 **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.



5.3 Choice of transmission type

TIME Alpe d'Huez 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.

5.3.1 Assembly of a mechanical transmission

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



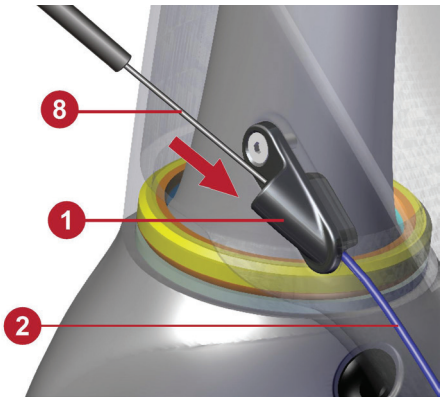
Principle view, (as if they were transparent).

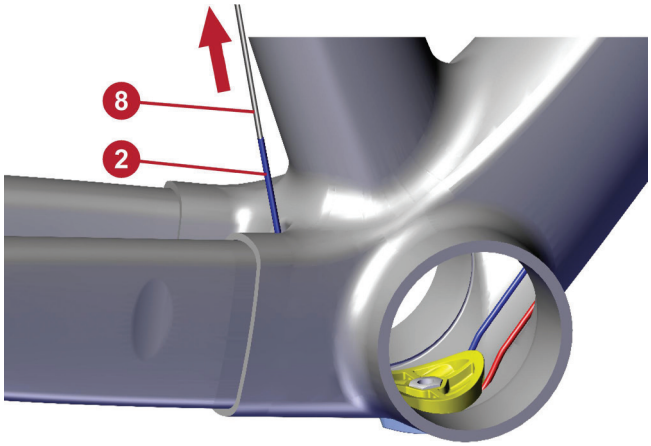
Front derailleur:
- Sheath abutments 1 diagonal tube.
- Left cable guide 2.
- Cable outlet 3.

Rear derailleur:
- Sheath abutments 4 diagonal tube.
- Straight cable guide 5.
- Sheath abutment 6 on the base.
- Internal grommet 7.

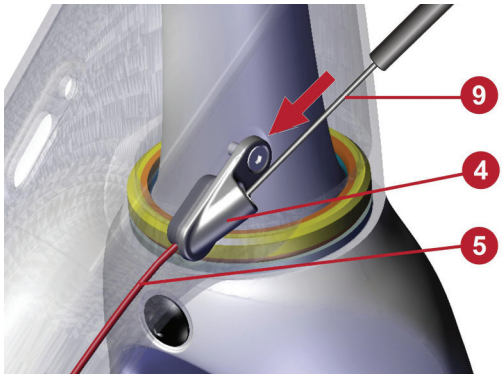
Once the brake handles have been fitted to the handlebar and the derailleur sheaths have been cut to length, install the derailleur cables.

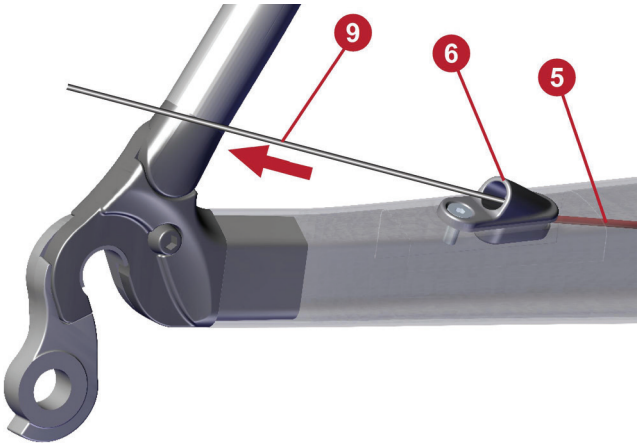
Front derailleur:
- Slide the cable 8 into the sheath stopper 1.
- Slide the cable guide 2 on the left and pull it out at the front of the bases.
- Tighten the cable and then put it to the side 8.





Rear derailleur:
- Slide the cable 9 into the sheath stopper 4 and the cable guide 5 on the right side.
- Pull the cable out 9 in the sheath stopper 6 at the back of the right base.
- Tighten the cable and then put it to the side 9.





5.3.2 Assembly of an electric transmission

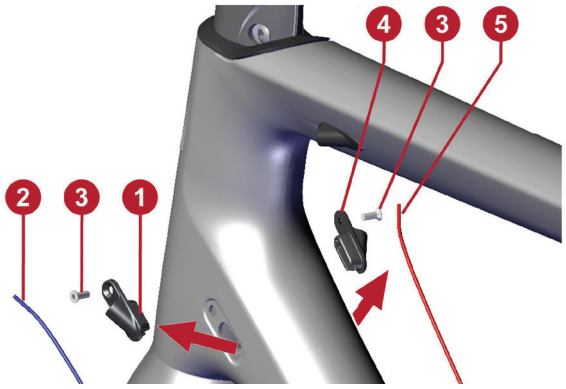
The routing of the cables for the derailleurs is done internally, and to facilitate their assembly and the replacement, cable guides are pre-installed at the factory.

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.

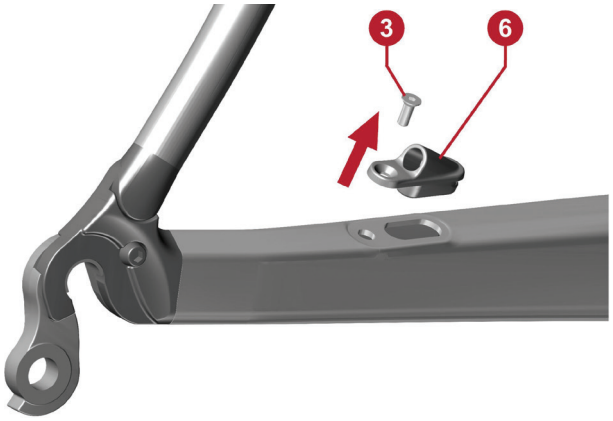
TIME Alpe d'Huez frames come with a pre-assembly for a mechanical unit.
To assemble the bike with a power unit, first remove the components specifically for mechanical derailleurs.

A specific kit **Ref. 55008590** should also be used to ensure the perfect fit with the different units available **SHIMANO Di2** , **CAMPAGNOLO EPS** and **SRAM eTAP** .

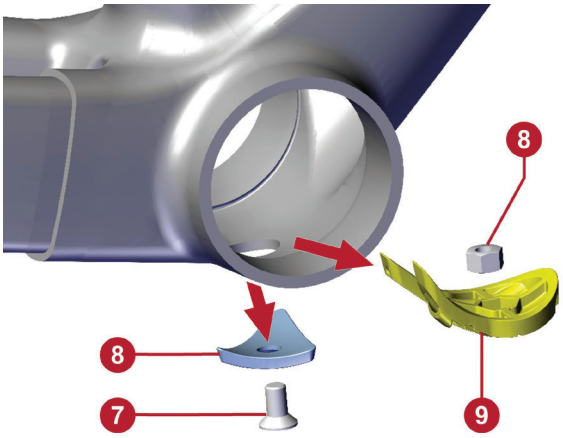
Preparation, disassembly of components for mechanical derailleurs:
- On the left side of the frame, remove the sheath stopper 1 and the internal cable guide 2 by simple sliding.
- On the right side of the frame, remove the sheath stopper 4 and the internal cable guide 5 by simple sliding.
- Keep the screws 3 for fixing the grommets of electrical sheaths.



- Remove the sheath stopper 6 at the back of the right base.
- Keep the screw 3 for fixing the electrical sheath grommets.

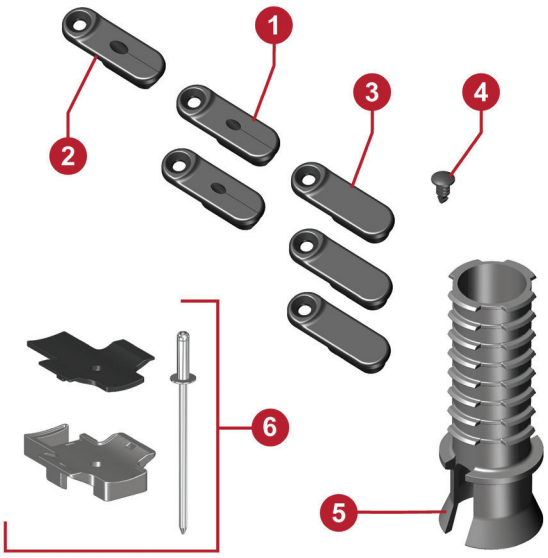


- You can also remove the screw 7 for the fasteners 8 and the internal cable grommet 9 but this is not mandatory.



Composition of the specific kit Ref. 55008590 necessary for the assembly of the electronic groups:

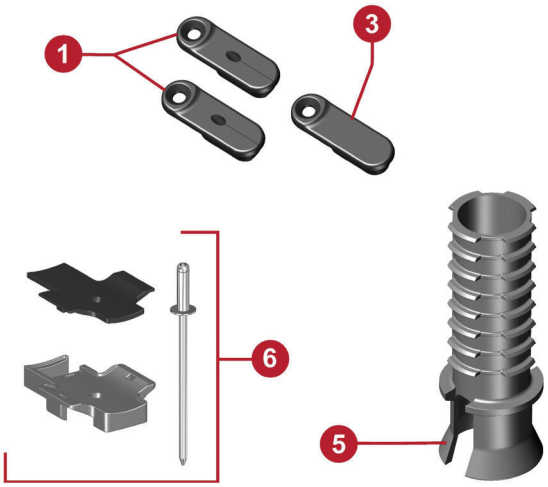
- 1: **Ø 2.6 mm** grommet, specifically for **SHIMANO Di2**, and **CAMPAGNOLO EPS**.
- 2: **Ø 3.2 mm grommet** specific **CAMPAGNOLO EPS** rear derailleur.
- 3: Shutter, for mounting a **SHIMANO Di2**, **CAMPAGNOLO EPS** , and **SRAM eTAP** wireless unit.
- 4: **Ø 6 mm** plug for mounting a **SRAM eTAP** wireless unit.
- 5: Battery holder inside the seatpost, **Ø 27.2 mm**.
- 6: **JUNCTION B** bracket (only with **TIME MONOLINK** stem).



installation procedure for a SHIMANO Di2 unit

The specific TIME components of the kit Ref. 55008590 required for assembly:

- 1: 2 grommets **Ø 2.6 mm**, specific to **SHIMANO Di2**.
- 3: 1 shutter, for mounting a **SHIMANO Di2** unit.
- 5: Battery holder inside the seatpost, **Ø 27.2 mm**.
- 6: **JUNCTION B 5** bracket (only with **TIME MONOLINK** stem).

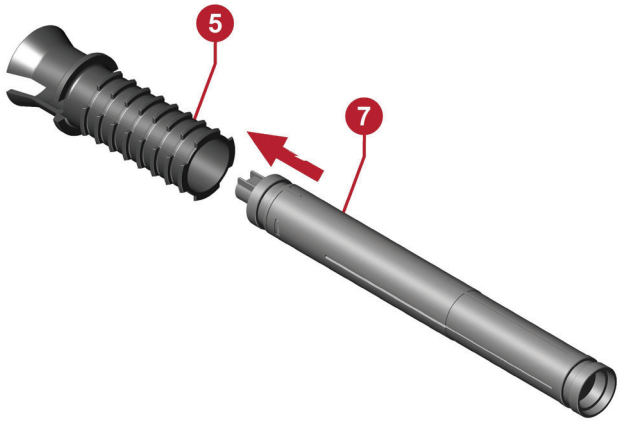


Material not provided but necessary for installing SHIMANO reference:
- Internal battery: **Ref**. **KBTDN1101**.
- Seat tube / battery cable: **Ref. KEWSD50IL100** (1000 mm).
- Diagonal tube / box cable: **Ref. KEWSD50IL100** (1000 mm).
- Base / box cable: **Ref. KEWSD50IL60** (600 mm).
- Front derailleur cable: **Ref. KEWSD50IL40** (400 mm).
- Junction box for bottom bracket: **Ref.** . **KSMJC41**.
- Junction box to controls: **Ref. KSMEW90A** (3 ports) or **KSMEW90B** (5 ports).
- **SHIMANO** grommet: **Ref. KSMGM02** (2 pieces).

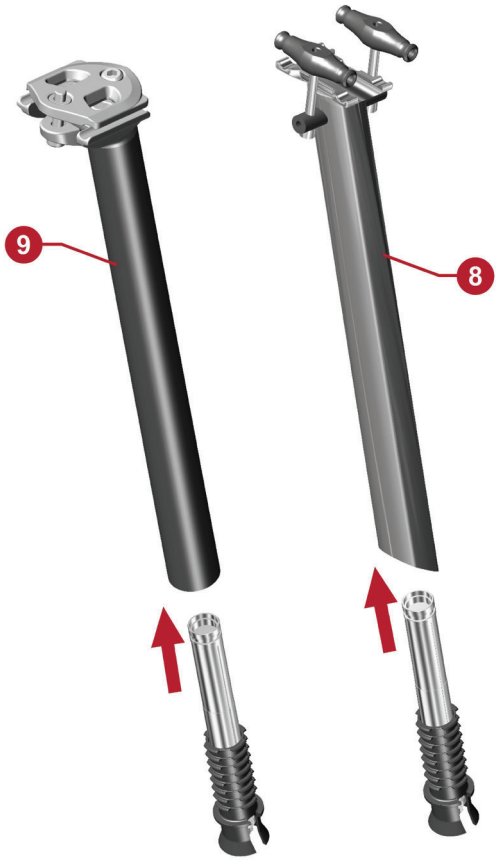
The rest of the components must be chosen by the end user according to the intended use of the bike, and will be compatible with the cabling carried out.

Battery assembly on the seatpost:
The **SHIMANO KBTDN1101** battery must be assembled on the TIME seatpost (Alpe d'Huez 1), or a seatpost of **Ø 27.2 mm** (Alpe d'Huez 21), using the internal battery holder provided.

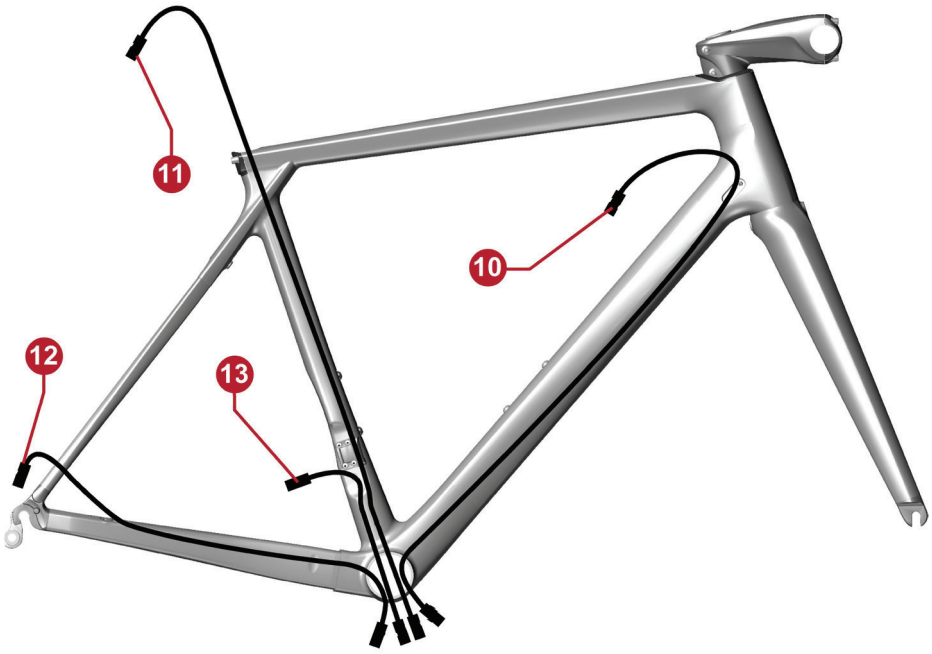
- Slide the **KBTDN1101** battery 7 into the internal battery holder 5.



- Slide the assembly into the TIME seatpost tube 8 (Alpe d'Huez 1), or a seatpost of **Ø 27.2 mm** 9 (Alpe d'Huez 21).



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



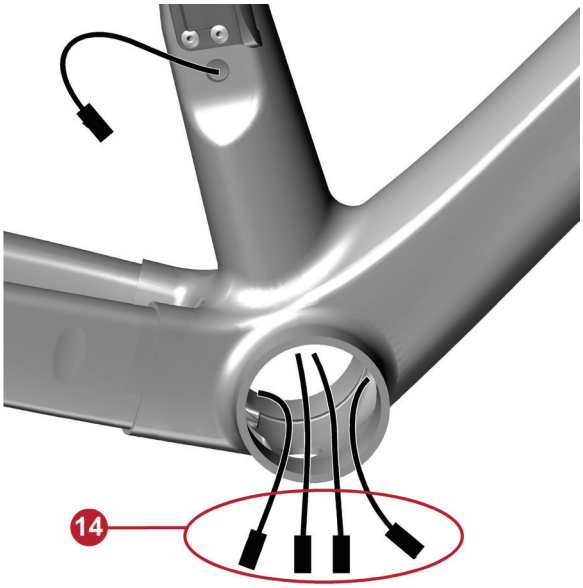
Wiring of KEWSD50 wires in the frame:

Feed the cable KEWSD50IL100 10 (length 1000 mm) into the diagonal tube.
To do this, use 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 11 (length 1000 mm) into the seat tube.
To do this, use 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.

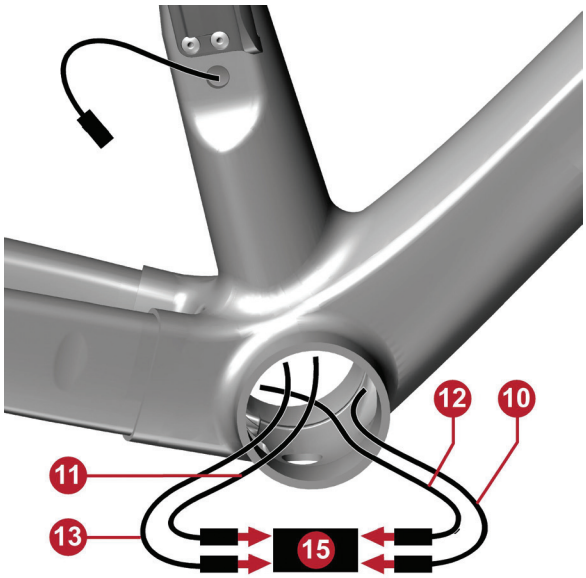
Feed the cable KEWSD50IL60 12 (length 600 mm) into the right base.
To do this, use the thread already fed into the frame:
- Tie the connector at the end of the fed wire on the right-hand side leg (rear derailleur).
- Pull the bottom bracket side wire so that it is replaced by the power cable.

Feed the cable KEWSD50IL40 13 (length 400 mm) into the seat tube.
To do this, use 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.

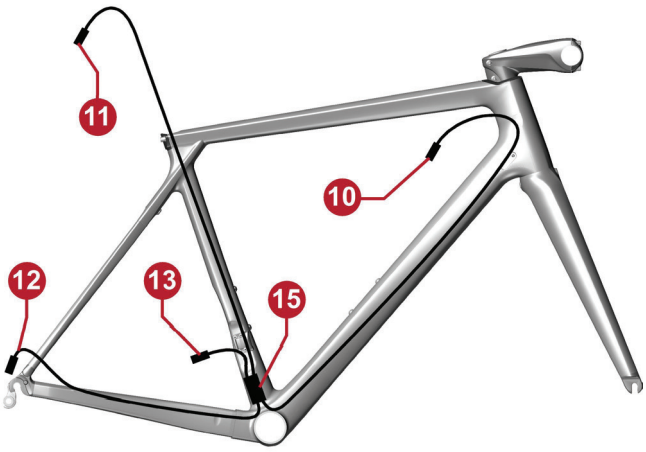


At this point you must have four ends of KEWSD50 electrical cable coming out into the bottom bracket 14.

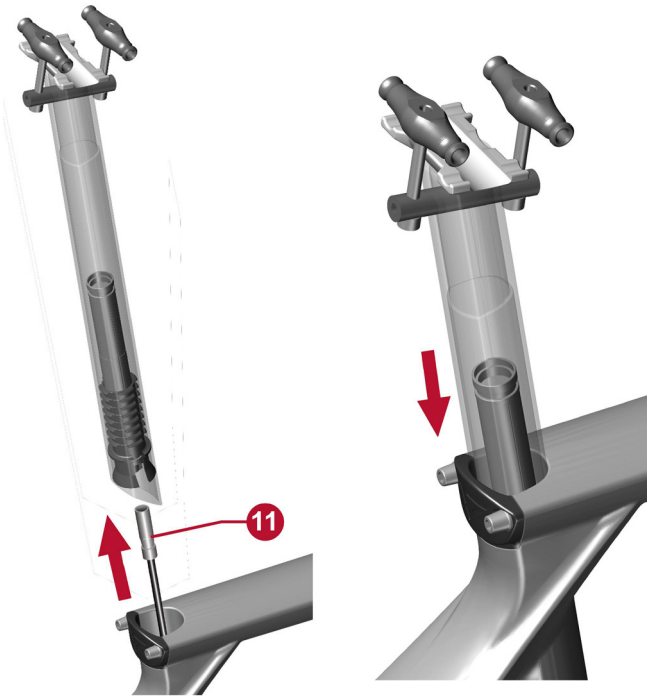
- Then connect the element **KSMJC41** 15 to the four cables present in the bottom bracket. The order of the cables makes no difference.
- Preferably connect the cable **KEWSD50IL100** 11 and the cable **KEWSD50IL40** 13 on the same side of **KSMJC41** 15.



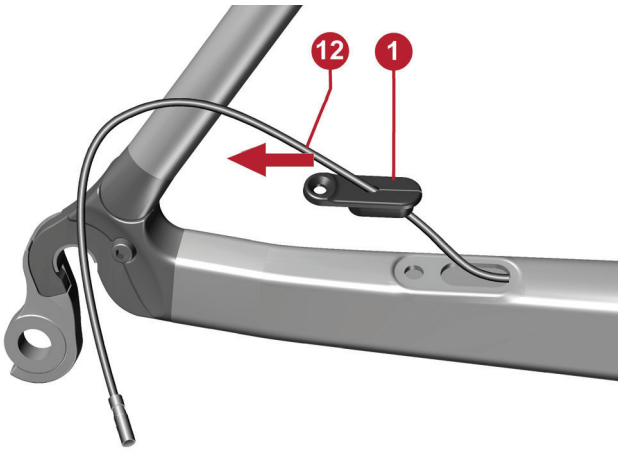
- Then feed the **KSMJC41** 15, connected in this manner, back into the seat tube so that the cables run as shown opposite.



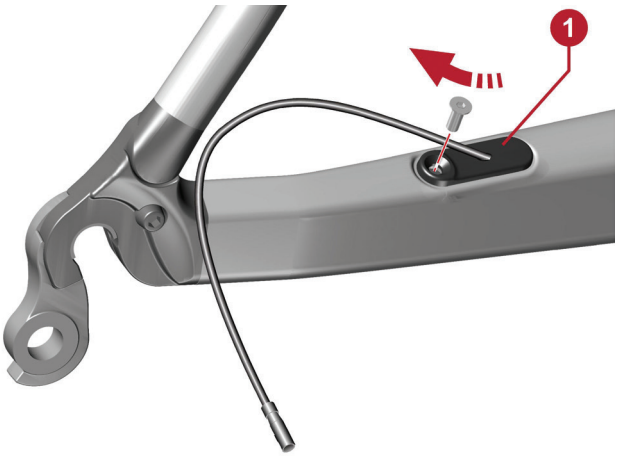
- You can then connect the battery to the **KEWSD50IL100** cable 11, then attach the seatpost assembly to the seatpost (see chapter 5).



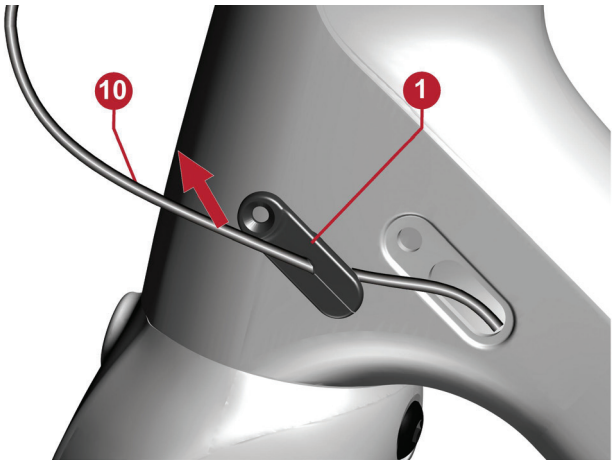
Rear derailleur:
- The TIME **Ø 2.6 mm** grommet 1, is split to facilitate cable assembly.
- Open the grommet 1 at the slot and slide the piece onto the cable 12.



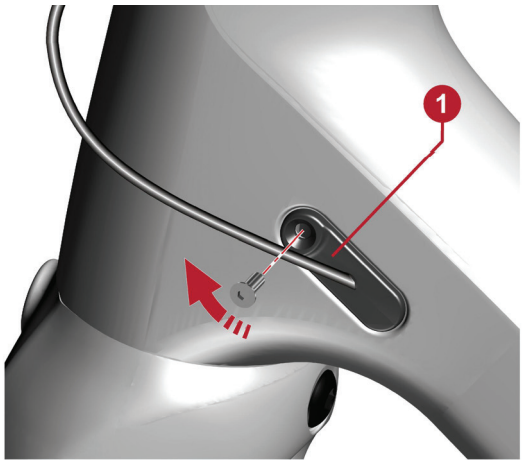
- Position the grommet 1 in its housing on the rear base.
- Fix the grommet 1, and tighten it moderately.



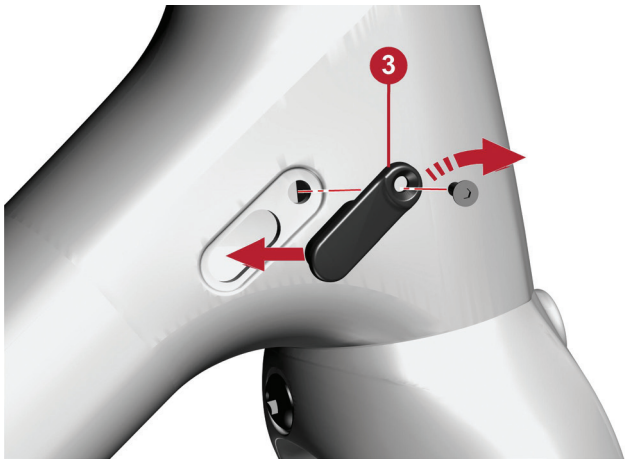
Top of the diagonal tube:
- The TIME **Ø 2.6 mm** grommet 1, is split to facilitate cable assembly.
- Open the grommet 1 at the slot and slide the piece onto the cable 10.



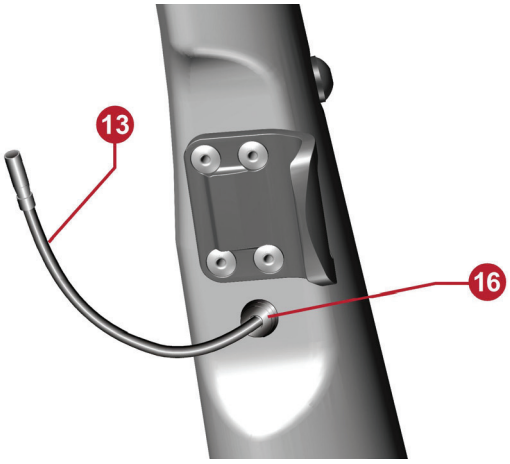
- Position the grommet 1 in its housing on the top of the diagonal tube.
- Fix the grommet 1, and tighten it moderately.



- Position the shutter 3 in its housing on the top of the diagonal tube.
- Fix the shutter 3 and tighten it moderately.



- Slide the "grommet" **SHIMANO KSMGM02** 16 onto the cable 13.
- Position the "grommet" 16 in its housing on the frame.



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.

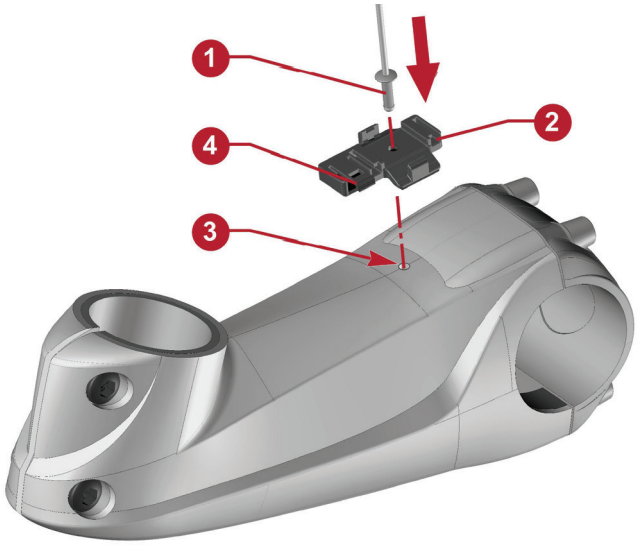
For its stem, TIME offers a solution for mounting the Junction B to eliminate the unsightly retaining clamp.

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

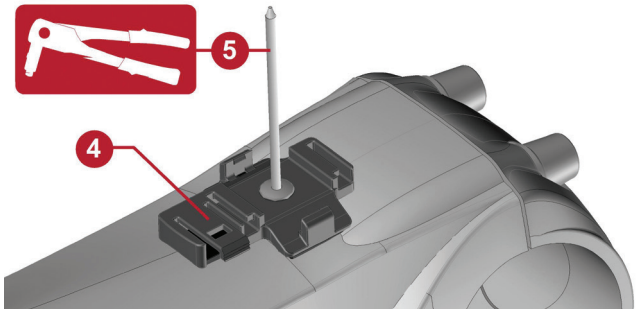
Proceed as follows:

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

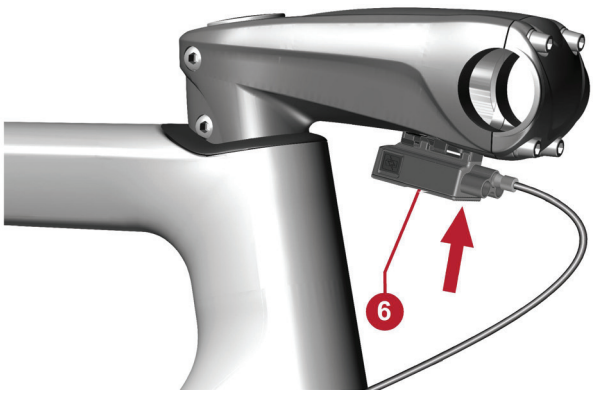
Pay attention to the direction of the bracket:
The retention clip 4 must be on the left side of the bike (direction of travel).



- Rivet with a suitable rivet plier 5.



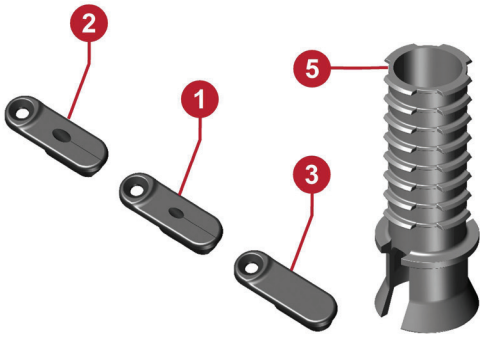
- Once the stem is placed on the frame, you can fix the **KSMEW90A** or **KSMEW90B** junction box 6.



Assembly procedure for a CAMPAGNOLO EPS unit

The specific TIME components of the kit Ref. 55008590 required for assembly:

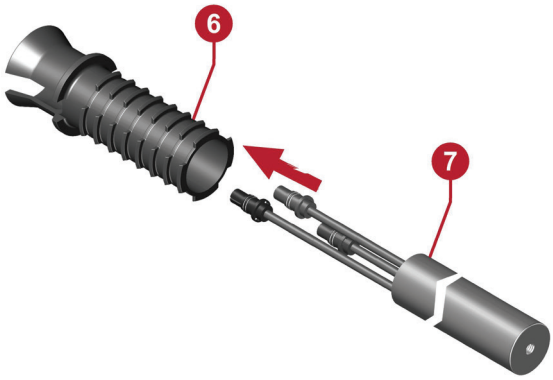
- 1: 1 **Ø 2.6 mm** grommet, specific to **CAMPAGNOLO EPS**.
- 2: 1 **Ø 3.2 mm** grommet, specific to **CAMPAGNOLO EPS** rear derailleur.
- 3: 1 shutter, for mounting a **CAMPAGNOLO EPS** unit.



Equipment not provided but necessary necessary for installing the CAMPAGNOLO unit:
- Internal battery: **Power Unit Ref. PU16IEPS**.
- **EPS V3** interface: **Ref. IF16IEPS**.
- Grommet for **Campagnolo EPS Ref. CG-CS001EPS**.

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.

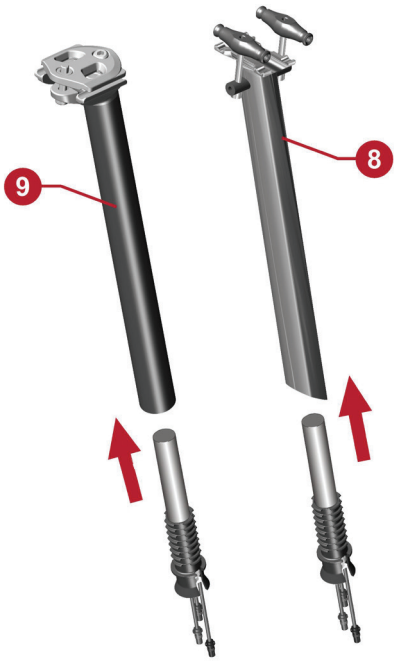
Battery assembly on the seatpost:
The **CAMPAGNOLO Power Unit PU16IEPS battery** must be assembled on the TIME seatpost (Alpe d'Huez 1), or a seatpost **Ø 27.2 mm** (Alpe d'Huez 21), using the internal battery holder supplied.



This procedure differs significantly from the installation recommended by CAMPAGNOLO.

- Slide the **PU16IEPS Power Unit** battery 7 into the internal battery holder 6.

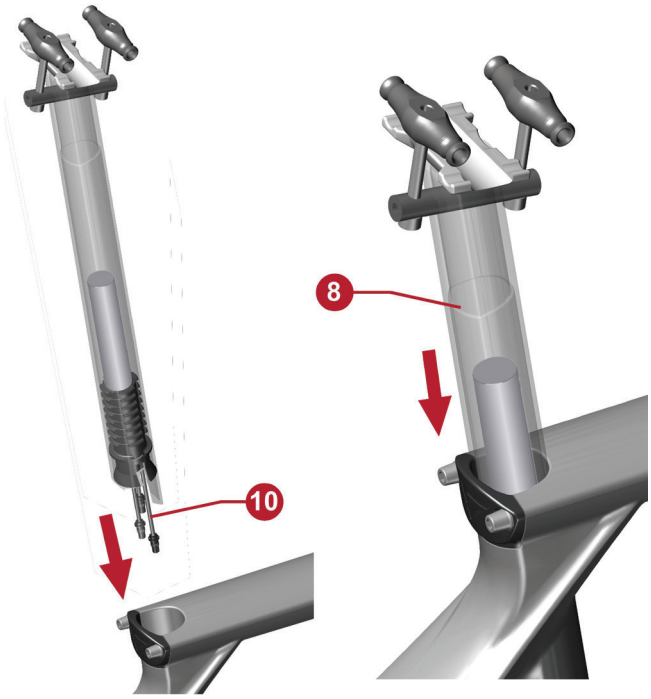
- Slide the assembly into the TIME seatpost tube 8 (Alpe d'Huez 1), or a seatpost of **Ø 27.2 mm** 9 (Alpe d'Huez 21).



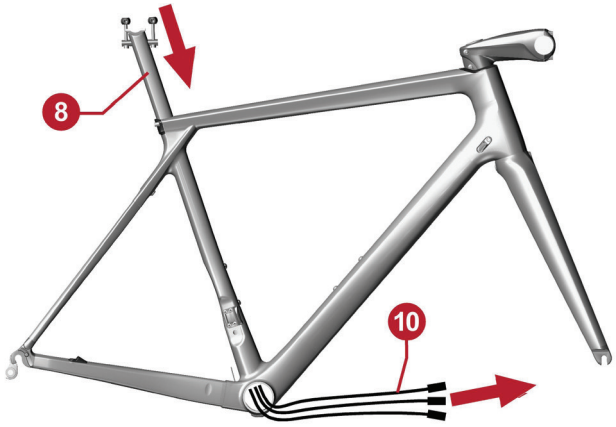
Your **CAMPAGNOLO Power Unit PU16IEPS** battery is now secured to the seatpost.
Once this operation has been performed, you can start the frame wiring procedure.

- Feed the 3 control cables 10 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**.

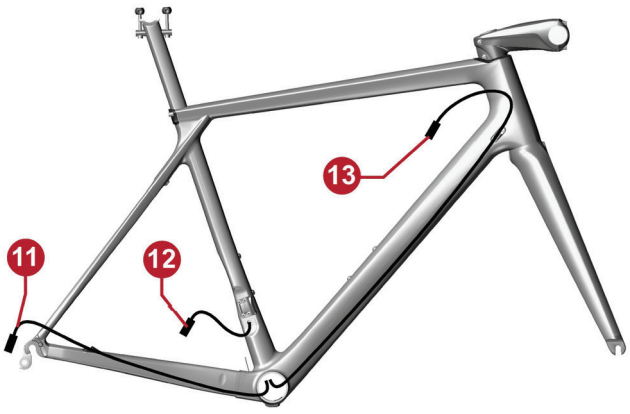


- Position the seatpost 8 in the seat tube taking care that the control cables descend 10.

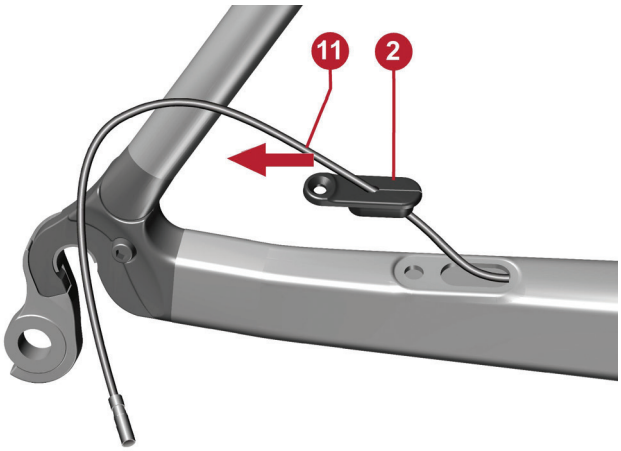


Using the TIME nylon threads already positioned, or the magnetic tool provided by **CAMPAGNOLO**, complete the routing of the control cables:

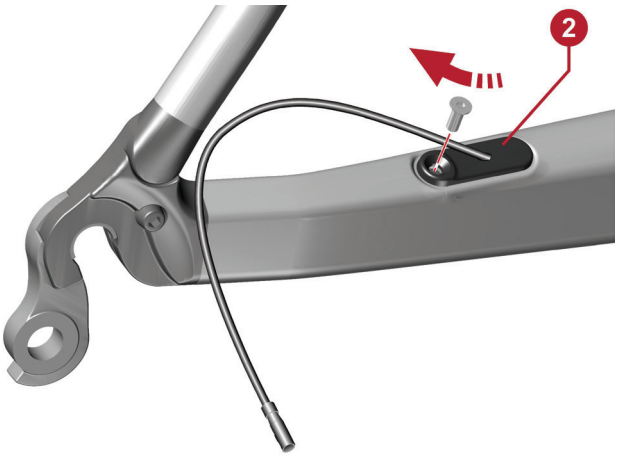
- green cable 11 rear derailleur.
- yellow cable 12 front derailleur.
- red cable 13 control.



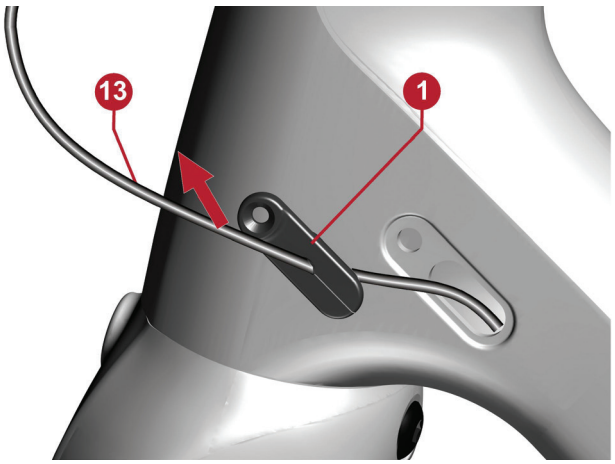
Rear derailleur:
- The TIME **Ø 3.2 mm** grommet 2 is split to facilitate the cable assembly.
- Open the grommet 2 at the slot and slide the piece onto the cable 11.



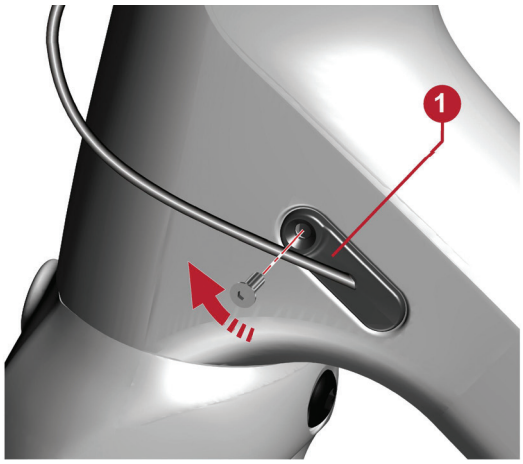
- Position the grommet 2 in its housing on the rear base.
- Fix the grommet 2, and tighten it moderately.



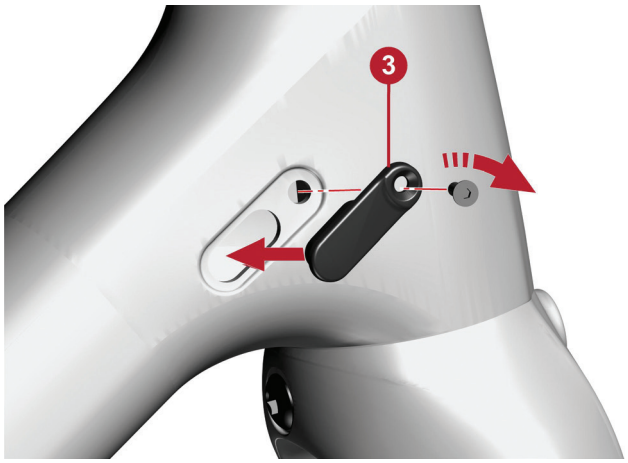
Top of the diagonal tube:
- The TIME **Ø 2.6 mm** grommet 1 is split to facilitate the cable assembly.
- Open the grommet 1 at the slot and slide the piece onto the cable 13.



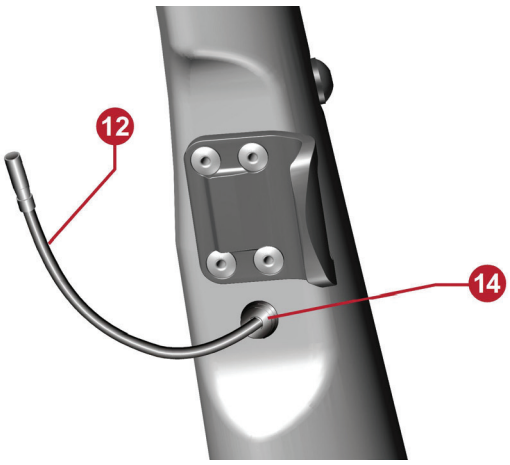
- Position the grommet 1 in its housing on the top of the diagonal tube.
- Fix the grommet 1, and tighten it moderately.



- Position the shutter 3 in its housing on the top of the diagonal tube.
- Fix the shutter 3 and tighten it moderately.



Front derailleur:
- Slide the "grommet" **CAMPAGNOLO CG-CS001EPS** 14 onto the cable 12.
- Position the "grommet" 14 in its housing on the frame.



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

Mounting procedure for a SRAM eTAP wireless unit.

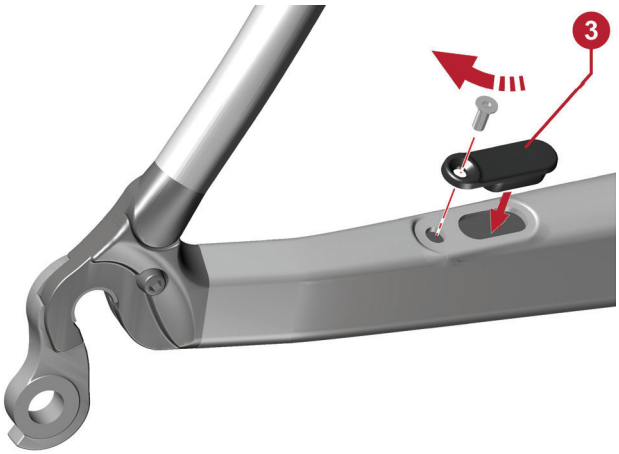
Refer to SRAM's recommendations for installing this wireless unit and its settings.

The specific TIME components of the kit Ref. 55008590 required for assembly:

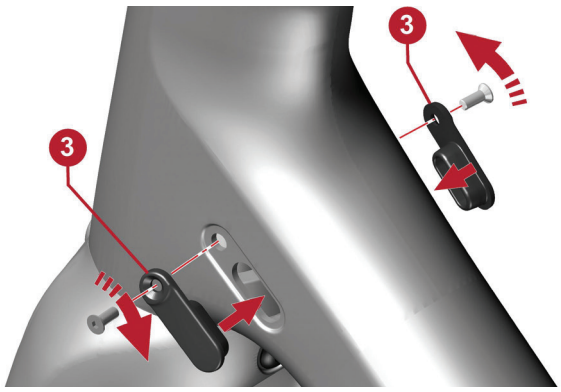
- 3: Shutter, for mounting an **SRAM eTAP** wireless unit.
- 4: **Ø 6 mm** plug for mounting a **SRAM eTAP** wireless unit.



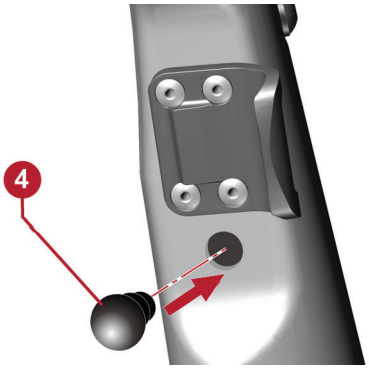
- Position the grommet 3 in its housing on the rear base.
- Fix the shutter 3, and tighten it moderately.



- Position the shutters 3 in their housing on the top of the diagonal tube.
- Fix the shutters 3, and tighten them moderately.



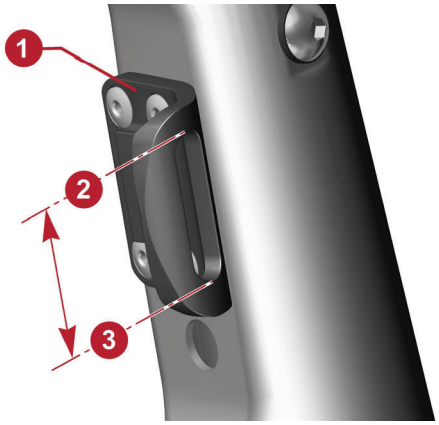
- Position the plug 4 in its housing on the frame.



5.4 Assembly of the front derailleur

Before the assembly, read the technical instructions by the manufacturer of the front derailleur.
The TIME Alpe d'Huez frame is designed to receive a front derailleur "for soldering".

The derailleur bracket 1 is adjustable over a position range of 2 at 3:
- High position for classic pedals 2, tray of max 54 teeth.
- Low position for compact pedals 3, tray of min 46 teeth.

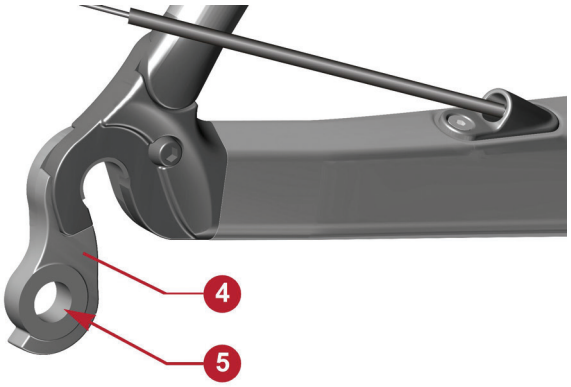


The derailleur bracket is not removable. In no case should you force the position of the derailleur hanger, as this can damage the frame irreparably.

5.5 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 bracket 4.
- Standard thread M10 x 100 5.
- 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.

5.6 Assembly of the bottom bracket

TIME Alpe d'Huez frames are designed to accommodate the new **BB386 standard** pedals.
Before the assembly, check that the bottom bracket is **BB386** compatible.

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

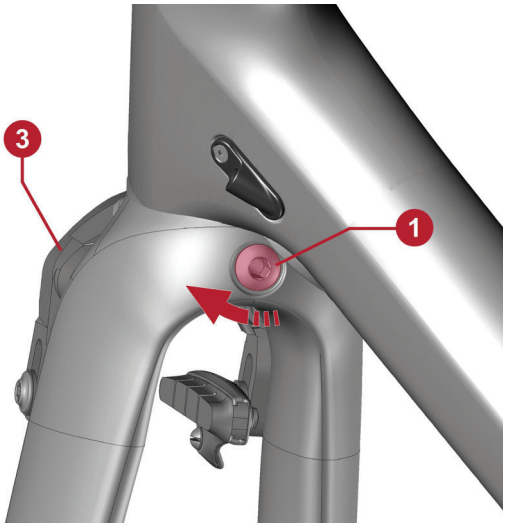
The spans of the TIME Alpe d'Huez bearings are obtained directly from moulds. A conformity check is performed during the manufacturing process.
Consequently, no rework is necessary or allowed before assembly.

5.7 Assembling the brakes

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

5.7.1 Brake pad installation, TIME Alpe d'Huez frame.

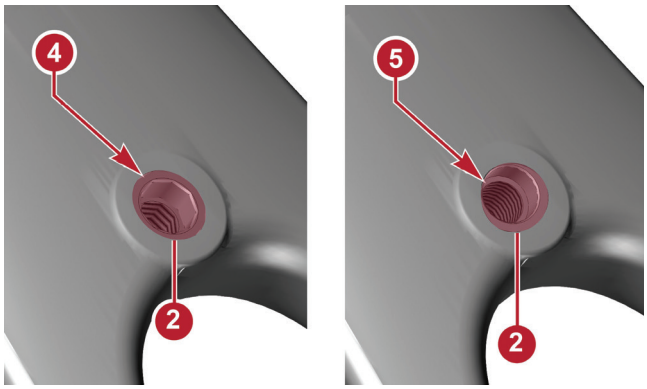
TIME frames come with specific brake nuts that must be replaced with the original brake nuts:
- Front nut 1 of length **48 mm Ref. 60007788**.
- Rear nut 2 length **18 mm Ref. 60007793**.



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.

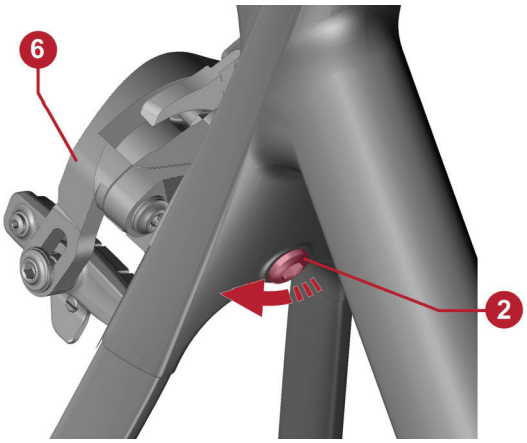
Mounting the rear brake calliper:

- Because of its construction, the TIME Alpe d'Huez frame cannot have a stepped bore for the brake shaft to pass through (**Ø 6.5 mm** and **Ø 8.5 mm**).
- For Alpe d'Huez, 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.

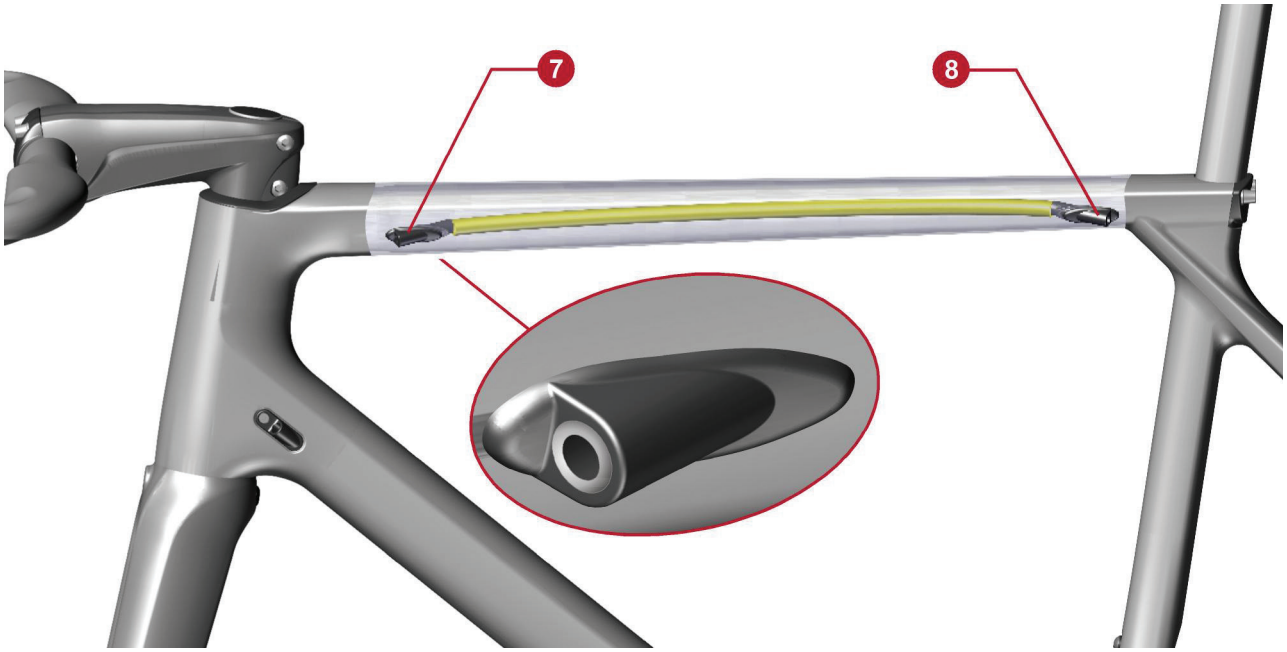
- Position the rear brake calliper 6.
- Tighten the rear nut 2 to the torque of **6 Nm** using a torque wrench.



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.

Assembly of the rear brake sheath:
The TIME Alpe d'Huez 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.

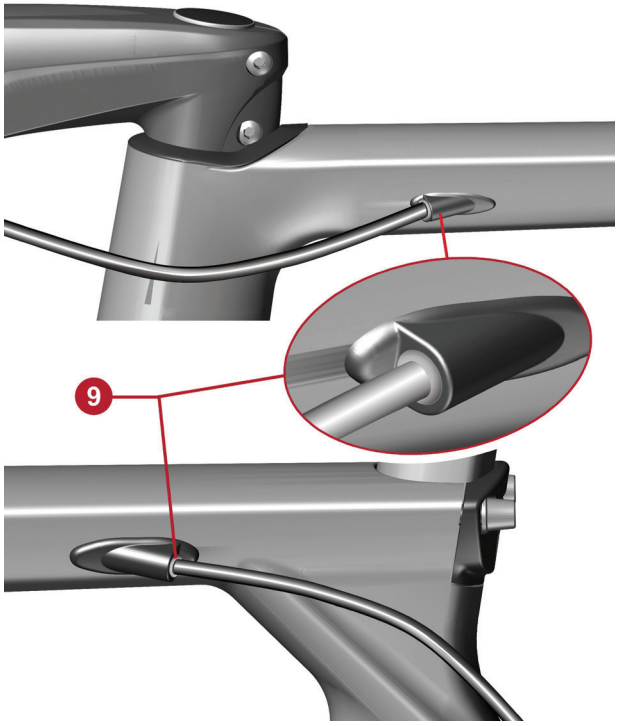
- Entry of the brake sheath 7.
- Exit of the brake sheath 8.



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.

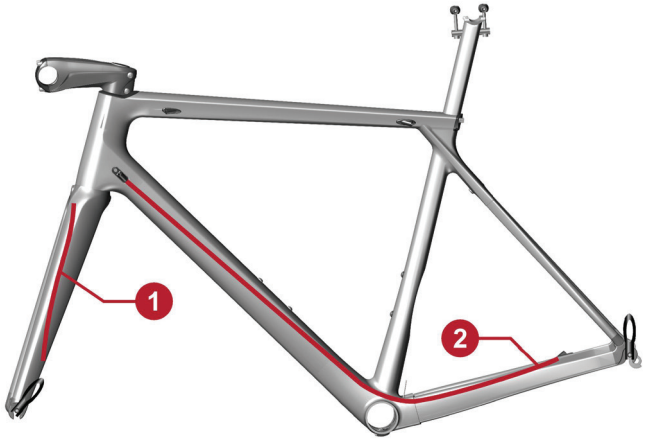
The whole of the sheath is fed into the frame, and it must not be interrupted.



5.7.2 Mounting disc brake callipers, Alpe d'Huez frame discs.

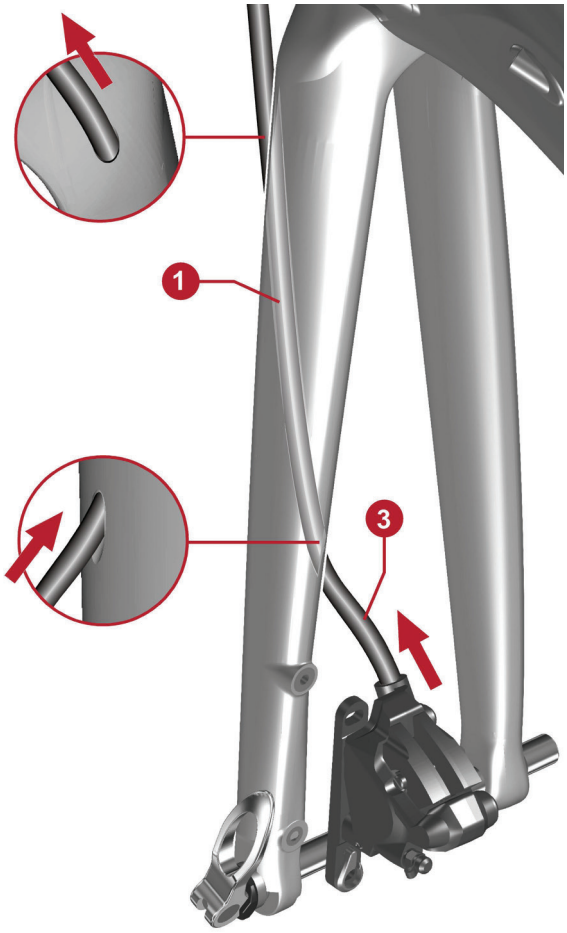
Before the assembly, read the technical instructions by the brake system manufacturer.

The routing of the hydraulic ducts is done internally, to facilitate their assembly and replacement:
- Positioning of front brake sheath 1.
- Positioning of rear brake sheath 2.

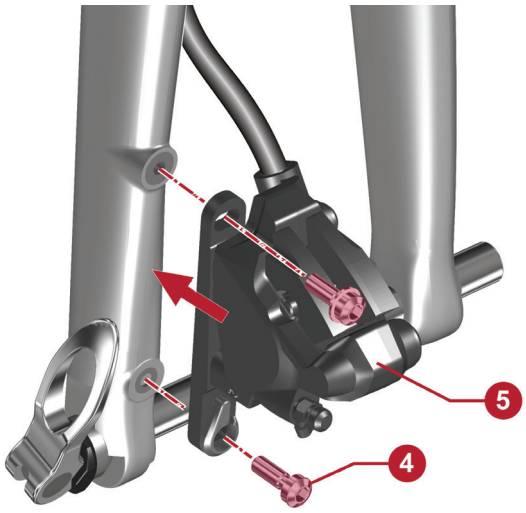


Assembly of the sheath and the brake calliper:

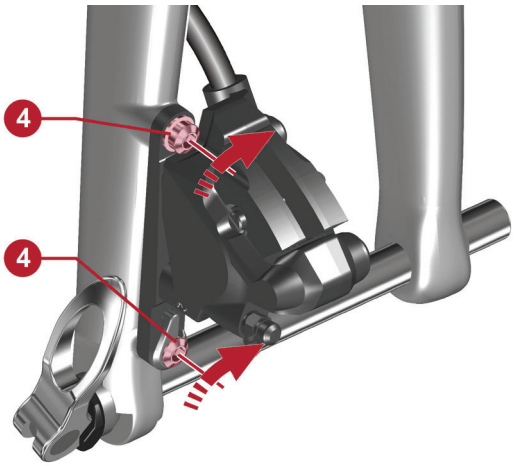
- Feed the sheath 3 into the sheath guide 1 of the fork.



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

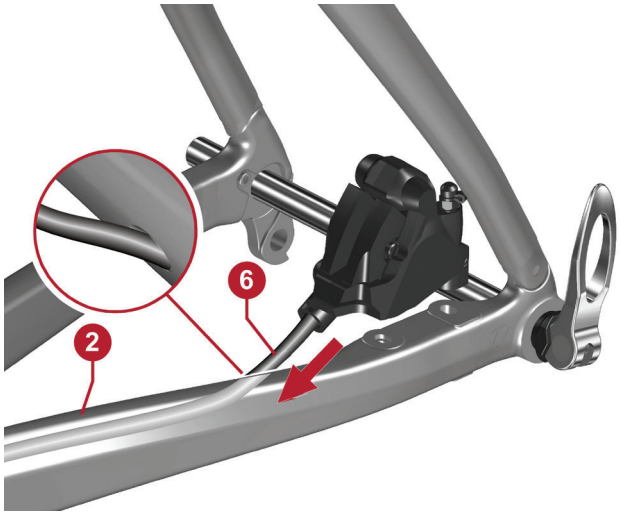


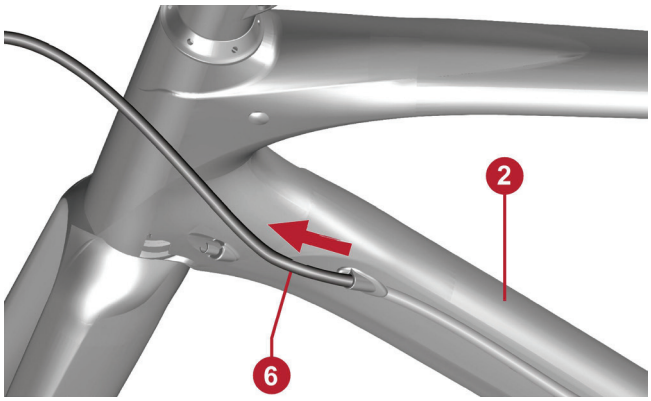
- Tighten the screws 4 to a torque of **7 Nm** using a torque wrench.
- Refer to the manufacturer's instruction manual, for cutting to length and connect the sheath to the brake lever, adjusting the calliper on the disc, and bleeding the brake system.



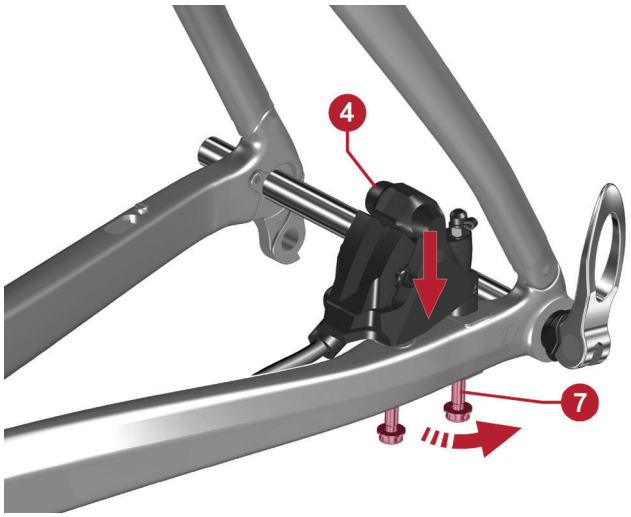
Assembly of the sheath and rear brake calliper:

- Feed the sheath 6 into the left rear base of the frame 2 until the bottom bracket.
- Then bring out the sheath 6 on the top of the diagonal tube of the frame 2.





- 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.



5.8 Installing and removing the wheels

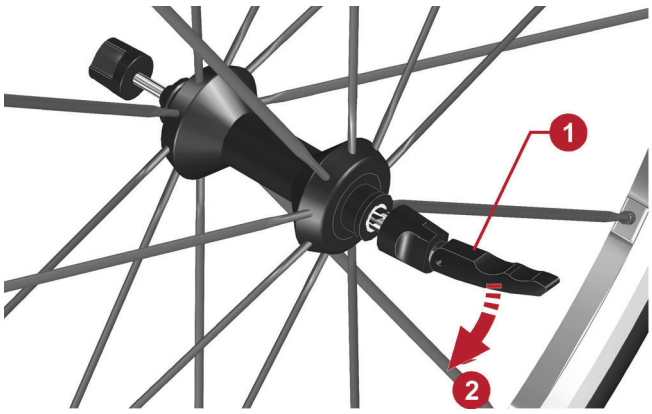
5.8.1 Installing and removing the wheels on the Alpe d'Huez disc frame

TIME Alpe d'Huez frames are equipped with forks with safety lugs, for a quick locking system with traditional locking.

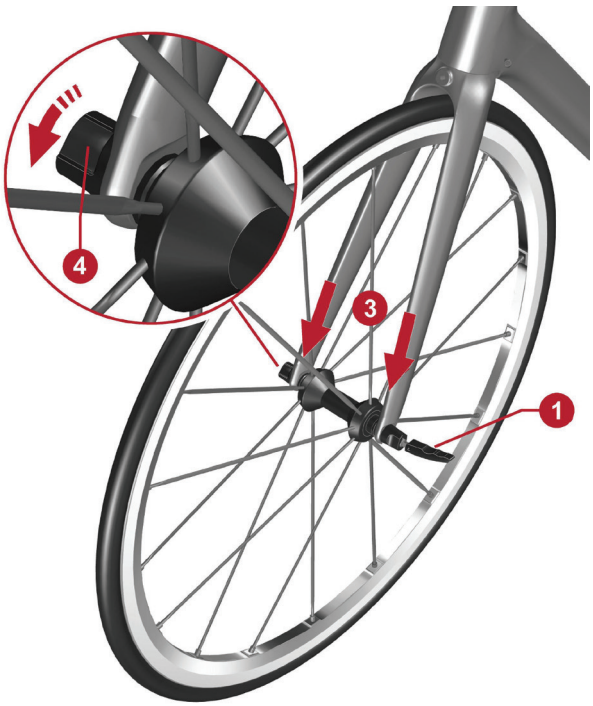
Before assembling, read the technical instructions of the wheel and wheel lock manufacturer.

Wheel installation:

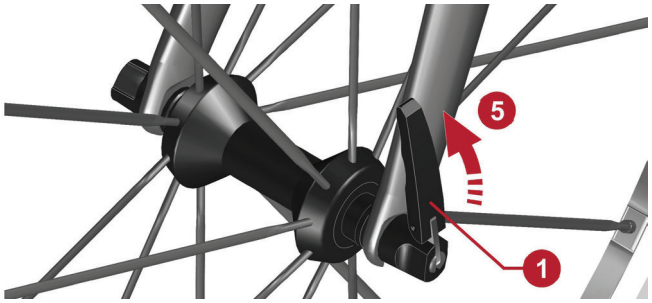
- Position the quick release lever 1 of the wheel axle in the open position 2.



- 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 good enough, slightly turn the adjusting nut clockwise to increase the clamping force.



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

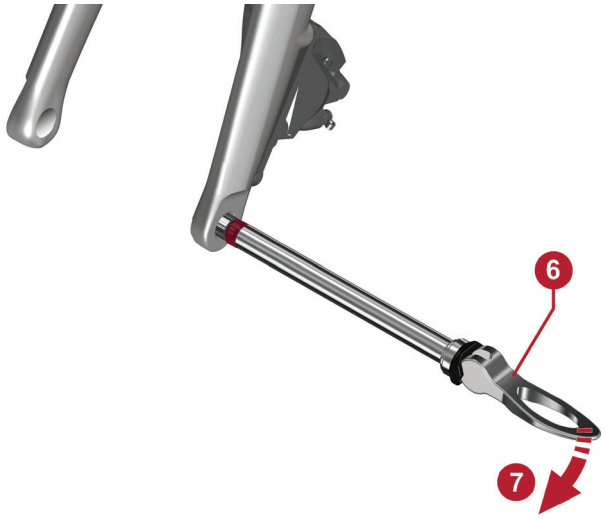
Always check the tightness of the wheels before each ride.

5.8.2 Installing and removing the wheels on the Alpe d'Huez disc frame

TIME Alpe d'Huez 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.



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



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



- 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 the wheels before each ride.

5.9 Settings and maintenance

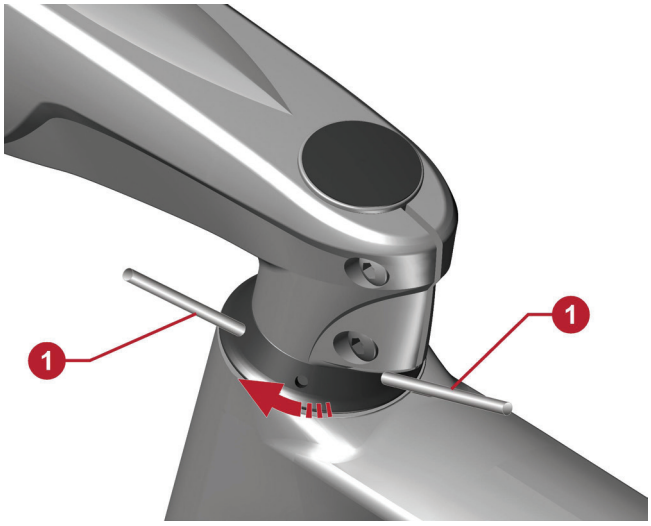
5.9.1 Setting the steering

The TIME Alpe d'Huez frames are equipped with the Quickset headset system, and the adjustment tools are supplied with the frame.
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:

Alpe d'Huez frame 21:

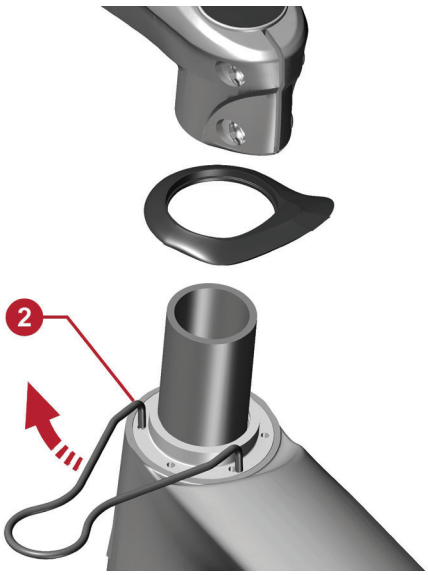
- Use the small levers 1 **Ref. 60003067**.
- Position them in the bowl.
- Immobilise the fork and turn the levers slightly 1 clockwise to eliminate the play.



Alpe d'Huez frame 1:

- Remove the stem and the cover.
- Use the adjustment tool 2 **Ref. 55007091**.
- Position the tool 2 in the bowl.
- Immobilise the fork and turn the tool slightly 2 clockwise to eliminate the play.
- Refit the cover and the stem, (torque of the TIME stem, **5 Nm**).

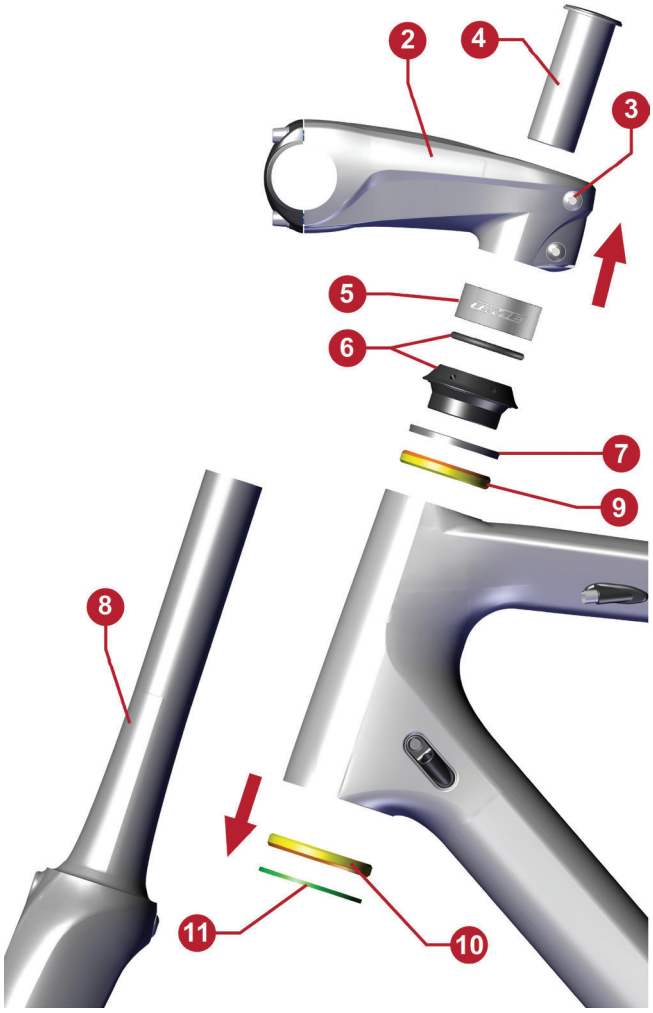
Do not overload the bearings. This could make the steering unpleasant to use and prematurely damage the bearings.



5.9.2 Replacement of steering bearings

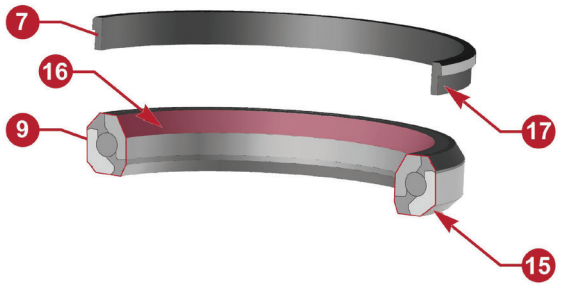
Alpe d'Huez frame 21:
Disassembly:

- 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 bowl 6 using the small levers 1 **Ref. 60003067**, which are supplied with the frame.
- Remove the bowl 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 andthe protective skirt 11.
- Clean the set of spans and then re-grease them with cycle grease.



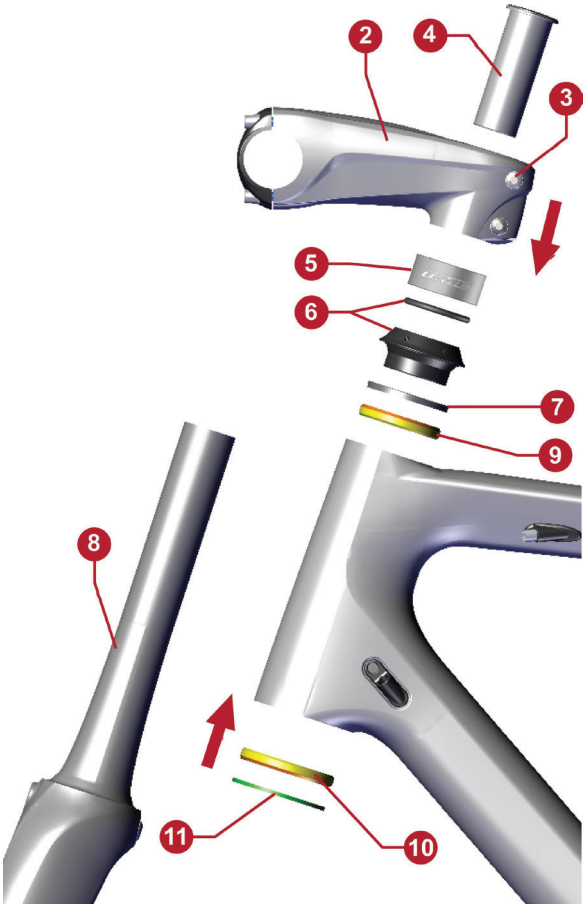
Reassembly:

- Position the protective skirt 11 **Ref. 55007795** chamfer 12 downwards on the fork.
- Position the lower steering bearing **Ø 52 mm** 10 **Ref. 61007475** taking care to orient the outer chamfer 13 upwards, and the cone of bracket 14 on the fork 8.

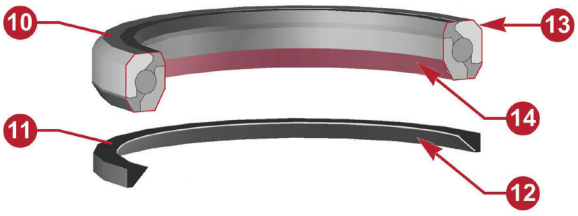


Insert the fork into the frame:

- Position the upper steering bearing **Ø 45 mm** 9 **Ref. 61005887** taking care to orient the outer chamfer 15 downwards, the cone of brackets 16 on the Quickset bowl 6.
- Position the deflector 7 **Ref. 55007796** for the Quickset bowl 6 **Ref. 55007796** on the direction sleeve, small diameter 17 down.
- Slide the Quickset bowl 6 onto the pivot until it comes in contact with the threaded ring.
- Screw the Quickset bowl 6 using the small levers 1 **Ref. 60003067** until there is 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.



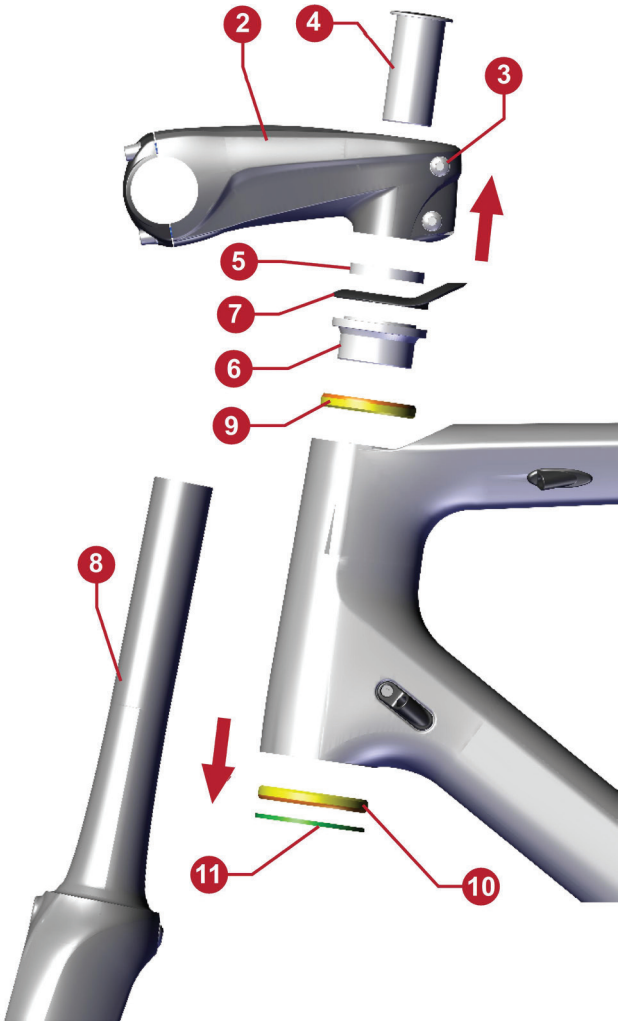
- Tighten the fixing screws 3 to the tightening torque of **5 Nm** in the case of a TIME stem (if the stem is not a TIME stem: observe the tightening torque recommended by the manufacturer), (see Chapter 5.3).



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 the frame.

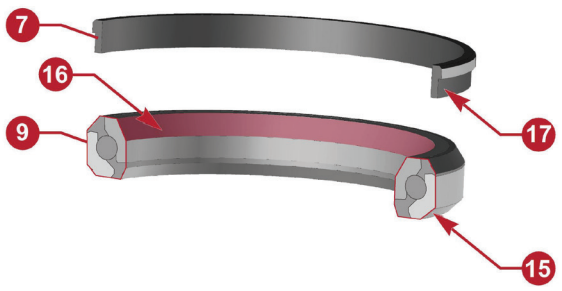
Alpe d'Huez frame 1:
Disassembly:

- 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 spacer 5.
- Remove the bowl cover 7 and loosen the Quickset bowl 6 using the adjustment tool **Ref. 55007091**, which is supplied with the frame.
- Remove the bowl 6 from the pivot by sliding it.
- 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.



Reassembly:

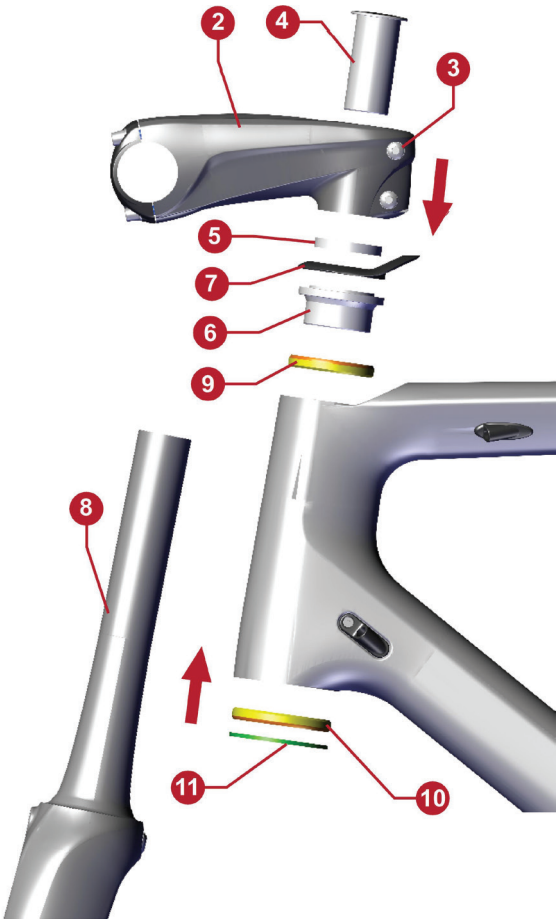
- Position the protective skirt 11 **Ref. 55007795** chamfer 12 downwards on the fork.
- Position the lower steering bearing **Ø 52 mm** 10 **Ref. 61007475** taking care to orient the outer chamfer 13 upwards, and the cone of bracket 14 on the fork 8.

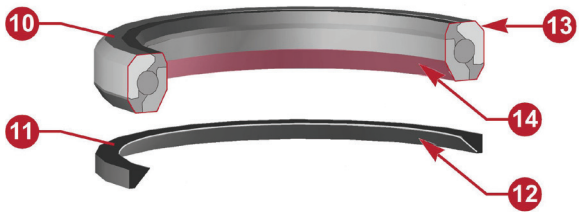


Insert the fork into the frame:

- Position the upper steering bearing **Ø 45 mm** 9 **Ref. 61005887** taking care to orient the outer chamfer 15 downwards, the cone of the brackets 16 on the Quickset bowl 6.
- Position the Quickset bowl 6 **Ref. 55007796** on the direction sleeve, small diameter 17 down.
- Slide the Quickset bowl 6 onto the pivot until it comes in contact with the threaded ring.
- Screw the Quickset bowl 6 using the adjustment tool **Ref. 55007091** , until it comes into contact with the bearings 9 and 10.

- Fine tune the play in the direction.
- Refit the cover 7 of the bowl 6.
- Reassemble the spacers, 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).

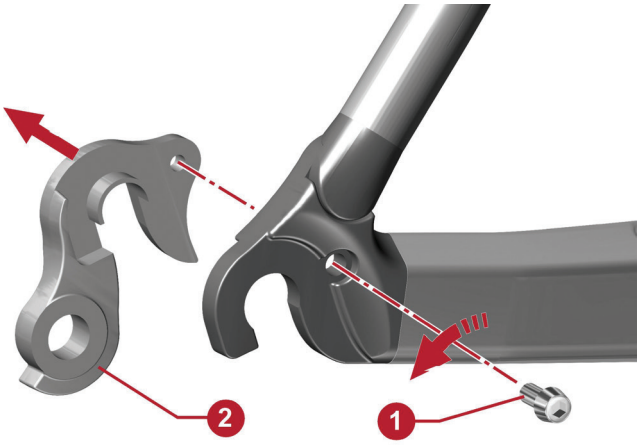




5.9.3 Replacing the rear derailleur hanger

Disassembly:

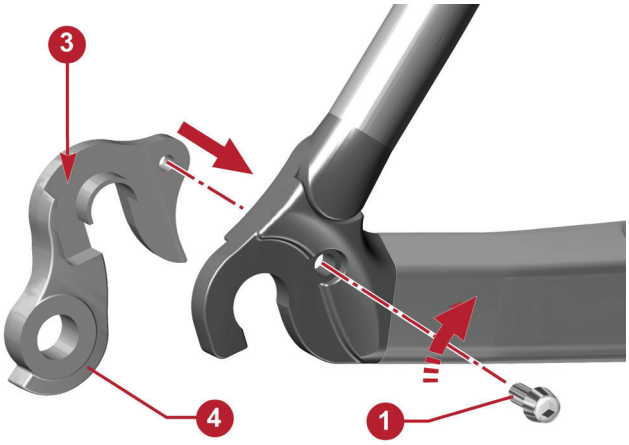
- Unscrew the CHC M4 screw 1 with number 3 Allen key.
- Remove the damaged derailleur hanger 2.



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.



5.9.4 Bike 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.



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