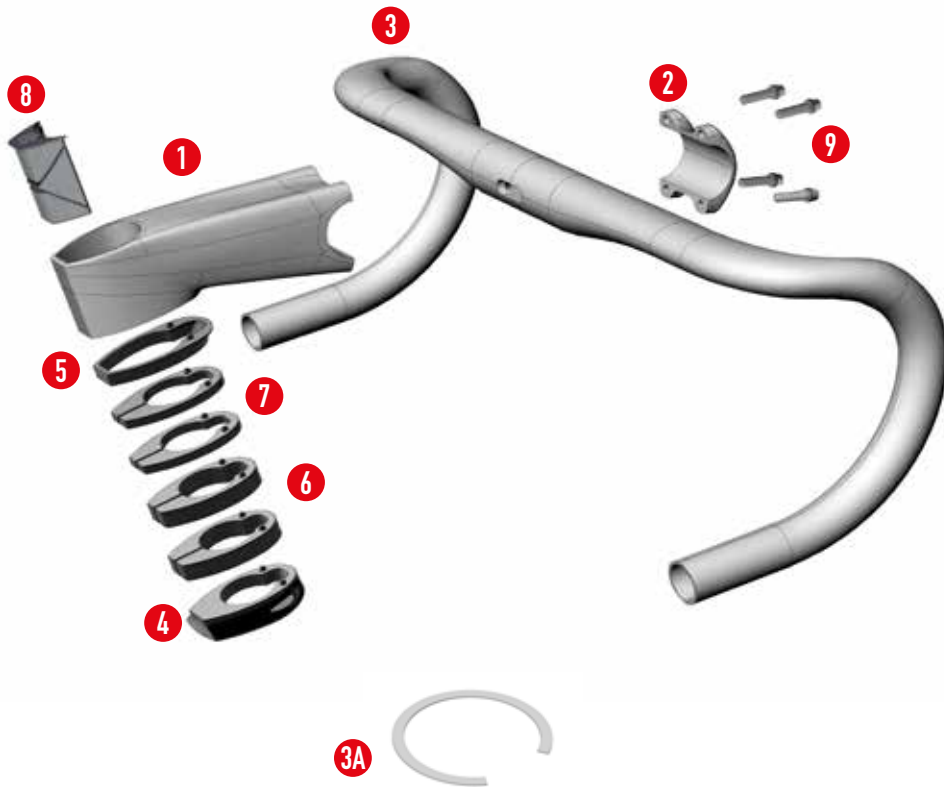


**INSTALLATION GUIDE
DIRECT MOUNT – MECHANICAL GEAR**

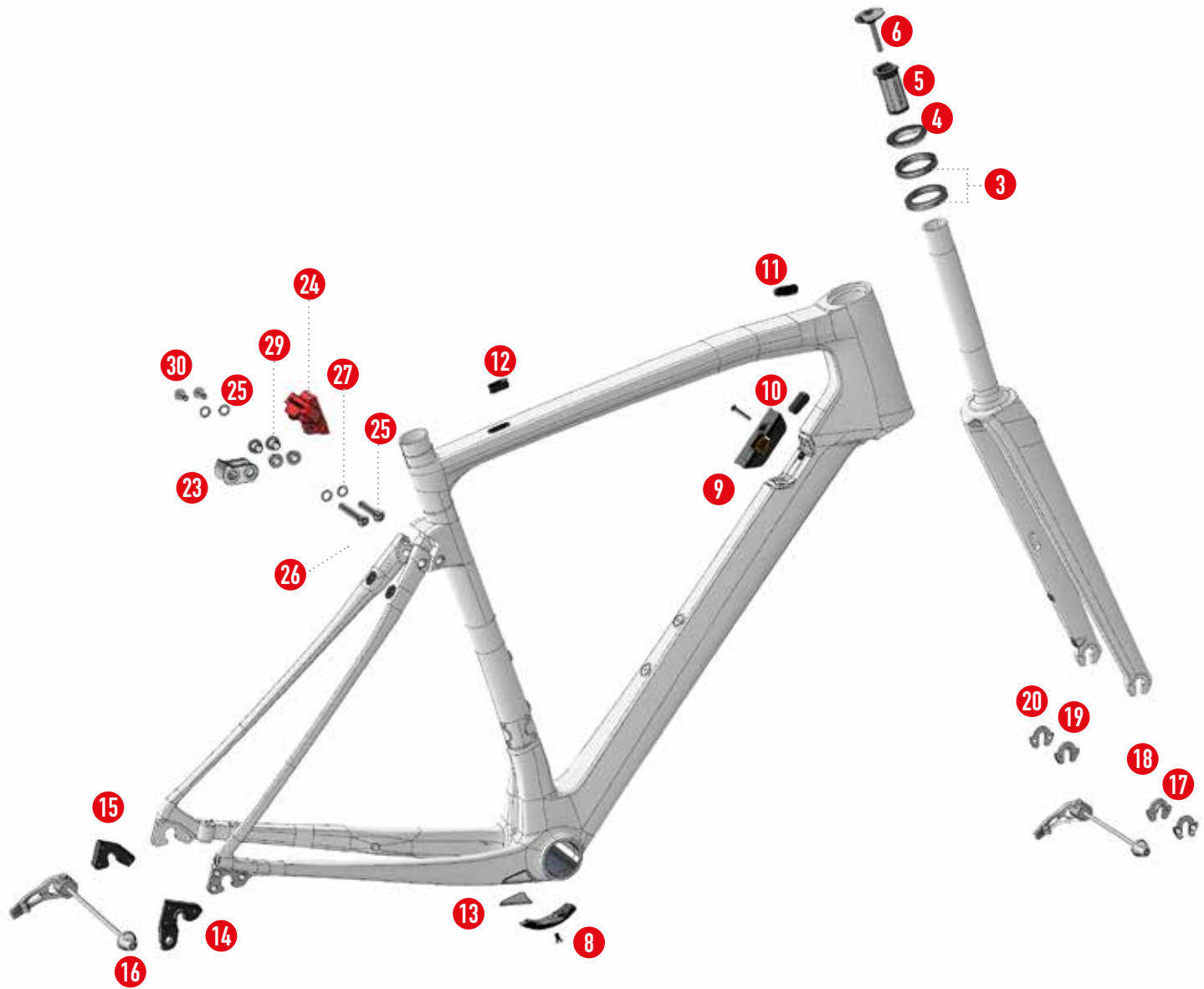
CERTECO 10 NDR





	B2B CODE	DESCRIPTION
1		
2	E8STM	Handlebar stem Stemma
9		
3	E8BAR	bar handlebar curve
3a		microspacer
4	WTP110-16A	top cover for cento10air / ndr frame
5	WTP110A-18	top spacer
6		
7	WTP110A-17	kit shims (2x 10mm + 2x 5mm)
8	WTP110A-15	handlebar expander

LIST OF PARTS FOR CALIPER BRAKE/MECHANICAL GROUP CONFIGURATION



LIST OF PARTS FOR CALIPER BRAKE/MECHANICAL GROUP CONFIGURATION

	B2B CODE	DESCRIPTION
3	MR137	FSA 1" 1/8 bearings for Cento10NDR
4	WTP110A-4	Bearing compression ring
5	HGEXP03	Fork expander
6		
8	HGACCE53.5	Sub-shell cabling plaque
9	WTP110A-6A	Cables gland plate with RH regulator for integrated cables
10	WTP110N-2	"oval" type plug for ICRS
11		Oval cable gland
12		Cable gland for rear brake
13	WTP110N-15	Chain protector
14	WTP110N-12QR	rear forks for QR quick release (2 pc, 1 RH and 1 LH)
15		
16	WTP110N-17R	quick release for rear wheel
17		
18	WTP110N-18QR	front forks for QR quick release (4 pc, 2 RH and 2 LH)
19		
20		
21	WTP110N-17F	quick release for front wheel
23	WTP110N-13-2	Aluminium link
24	WTP110N-13-1S	soft shock absorber
24	WTP110N-13-1M	medium shock absorber
24	WTP110N-13-1H	hard shock absorber
25	WTP110N-13-6	Fastening screw Actiflex L = 45.9
26	WTP110N-13-7	Fastening screw Actiflex L = 55.9
27	4x WTP110N-13-3	Spacer
28		Booster
29	2x WTP110N-13-5	IGUS bushings
30	2x WTP110N-13-4	Locking nut



1 INSTALLATION CABLES GLANDS

- 1a** Use control cable glands sufficiently long to pass from the oblique tube to the derailleur controls (80 cm). Insert the controls cable glands into the oblique tube, so that one end comes out of the top hole of the steering tube. Pass the controls cable glands through the oblique tube and leave 10 cm length from the inlet holes. Lock in position the glands with paper tape. Distinguish the two controls cable glands (with paper tape, marker pen or something else) and make sure that they do not cross or overlap insider the steering tube.



- Insert the fork sleeve in the head tube from the lower hole. **2b**



- Make sure once again that the controls cable glands **2c** do not cross or overlap.



- Insert the top bearing (no. 3 in the «Frame» BOM) on **2d** the fork sleeve.

- Insert the top cone (no. 4 in the «Frame» BOM) on the fork sleeve.



2 FORK INSTALLATION

- 2a** Insert the bottom bearing (no. 3 in the «Frame» BOM) on the fork sleeve.



2e Insert the top cover (no. 4 in the «Frame» BOM) on the fork sleeve.

In case the top cover (no. 4 in the «Stem» BOM) touches the horizontal tube: remove it, insert a micro-spacer (no. 3 in the «Parts list» BOM) making sure that the cut is wide enough to let the control cables sheaths and the front brake cable go through. Then put back the top cover.



2f Insert the spacers (no. 6 and 7 in the «Stem» BOM) on the fork sleeve according to the user preferences (from zero up to a maximum overall thickness of 30 mm). Cut the fork sleeve so that between its top border and the border of the handlebar stem, there are no more than 4 mm.



Insert the top spacer (no. 5 in the «Stem» BOM) on the fork sleeve. **2g**



Cut the fork sleeve so that between its top border and the border of the handlebar stem, there are no more than 4 mm. **2h**



Insert the expander (no. 5 in the «Frame» BOM) in the fork sleeve. **2i**



2l Tighten the expander (no. 5 in the «Frame» BOM) with a tightening torque of 8÷10 Nm.



3 INSTALLATION HANDLEBAR STEM

3a Insert the glands of the control cables and of the front brake cable through the special hole under the stem, so that they come out of the front hole. Make sure once again that the controls cable glands do not cross or overlap. Insert the handlebar stem on the fork sleeve.



3b Insert the locking cartridge (no. 8 in the «Stem» BOM) between the fork sleeve and the handlebar stem.



Insert the expander adjustment screw (no. 6 in the «Frame» BOM) in the expander (no. 5 in the «Frame» BOM).



Adjust the expander adjustment screw (no. 6 in the «Frame» BOM) until the steering turns without play (apply a maximum torque of 4 Nm).

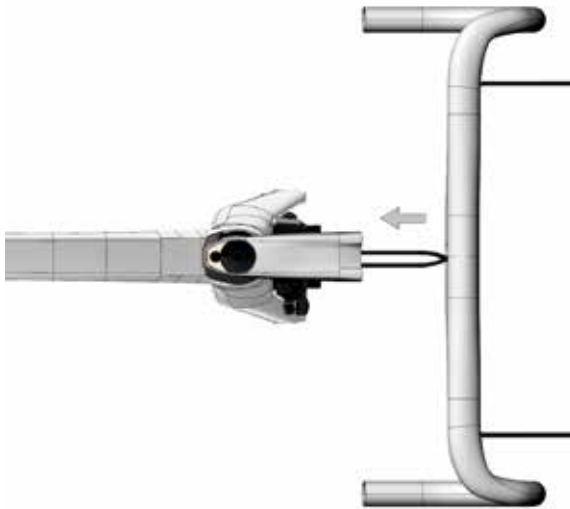


Tighten the locking cartridge with a tightening torque of 7÷8 Nm.

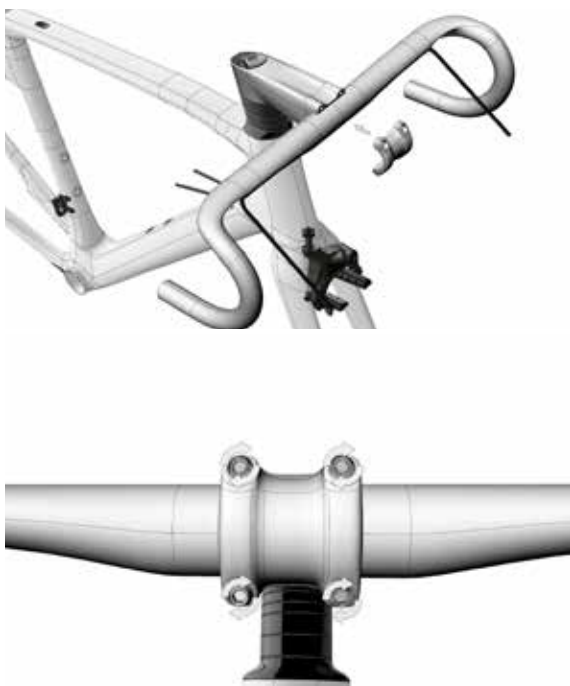


4 INSTALLATION HANDLEBAR

- 4a** Insert the glands inside the handlebar through the special central hole, by reversing the layout of the controls cable glands.



- 4b** Bring the handlebar close to the stem making sure that it is centred and in the correct direction. Keep the stem in position by means of the face plate (no. 2 in the «Stem» BOM). Tighten the face plate screws with a tightening torque of 5÷6 Nm



5 INSTALLATION CONTROL LEVERS

- Insert the gear levers on the handlebar until they are correctly positioned (refer to the corresponding user manual).



- Push the controls cable glands inside the handlebar, **5b** so that the steering can turn easily. Cut the glands of the controls cables to measure.



- Install the front brake gland as the figure shows, **5c** making sure that the steering can turn easily.



6 INSTALLATION HANDLEBAR STEM

- 6a** Insert the rear brake gland in the inlet hole on the horizontal tube (no. 11 in the «Frame» BOM), and connect it to the gear lever as the figure shows. Cut it to a suitable size so that the steering can turn easily.



- 6b** Connect the rear brake cable to the corresponding nipper, as the figure shows. Insert the gland in the rear inlet hole on the horizontal tube (no. 12 in the «Frame» BOM).

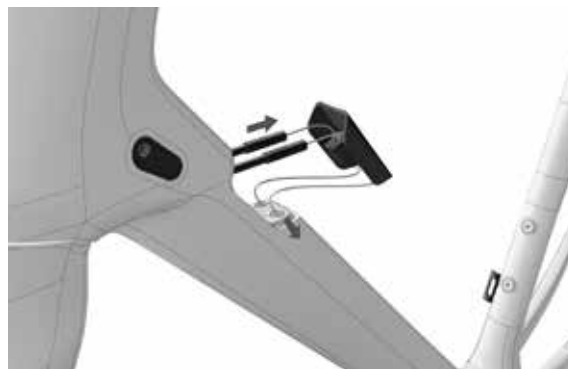


- Push the cable gland plate (no. 9 in the «Frame» BOM) **7b** into its seat until there is some resistance.



- Extract the glands of the end caps and cut the excess **7c** ends of the glands.

- Insert again the glands into the end caps. Pass the control cables (and the corresponding glands) through the cable gland plate (no. 9 in the «Frame» BOM), then insert them into the oblique tube making sure that they do not cross or overlap.



7 INSTALLATION CABLE GLAND PLATE

- 7a** Remove the paper tape from the controls cable glands. Insert the controls cable glands into the end caps, then insert the end caps into the cable gland plate (no. 9 in the «Frame» BOM). Make sure that they do not cross or overlap.



- Close the cable gland plate (no. 9 in the «Frame» BOM) **7d** tightening the locking screw with a tightening torque of 3÷4 Nm.



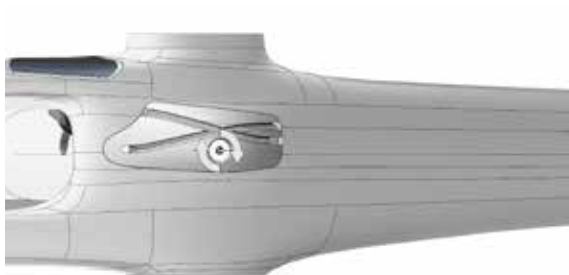
8 INSTALLATION CABLE GLAND PLAQUE

Let the control cables come out of the special hole under the bracket cage, making sure that they do not cross or overlap.

8a



- 8b Pass the control cables into the special plaque (no. 8 in the «Frame» BOM), following the guides. Tighten the locking screw with a tightening torque of 3±Nm.



NB: The cables are crossed in the handlebar, they run parallel inside the oblique tube and they cross again in the plate under the cage to reach correctly to the gear and derailleur.



