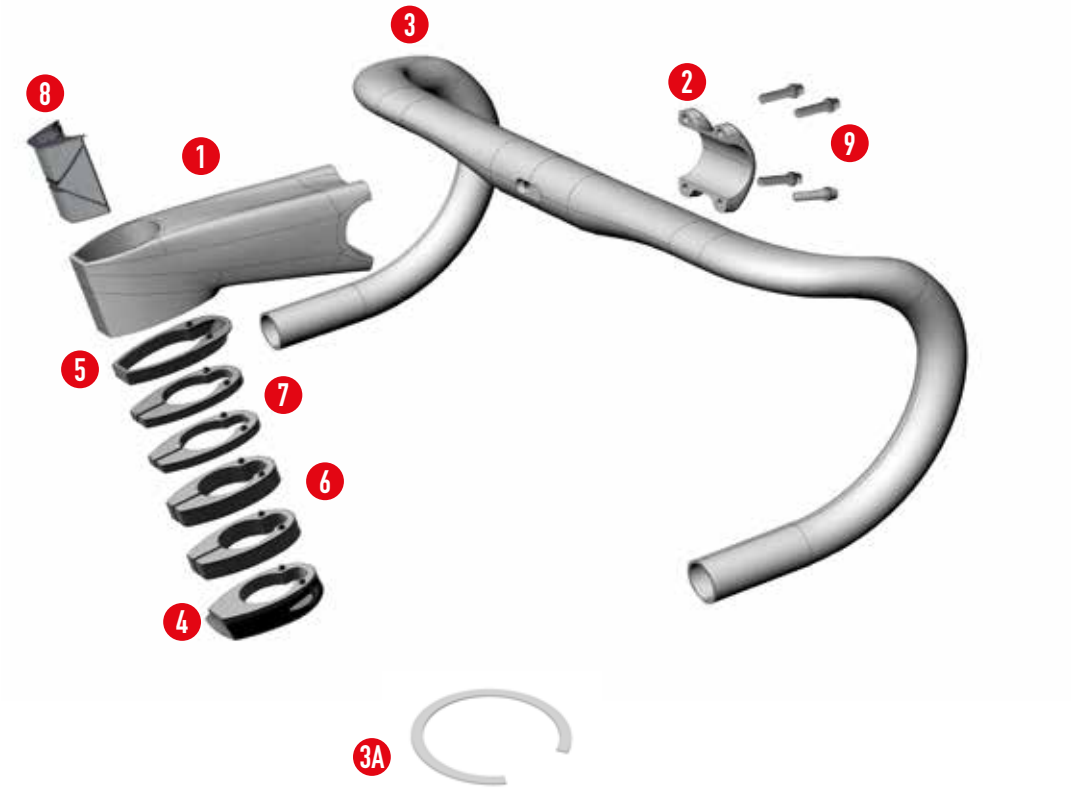
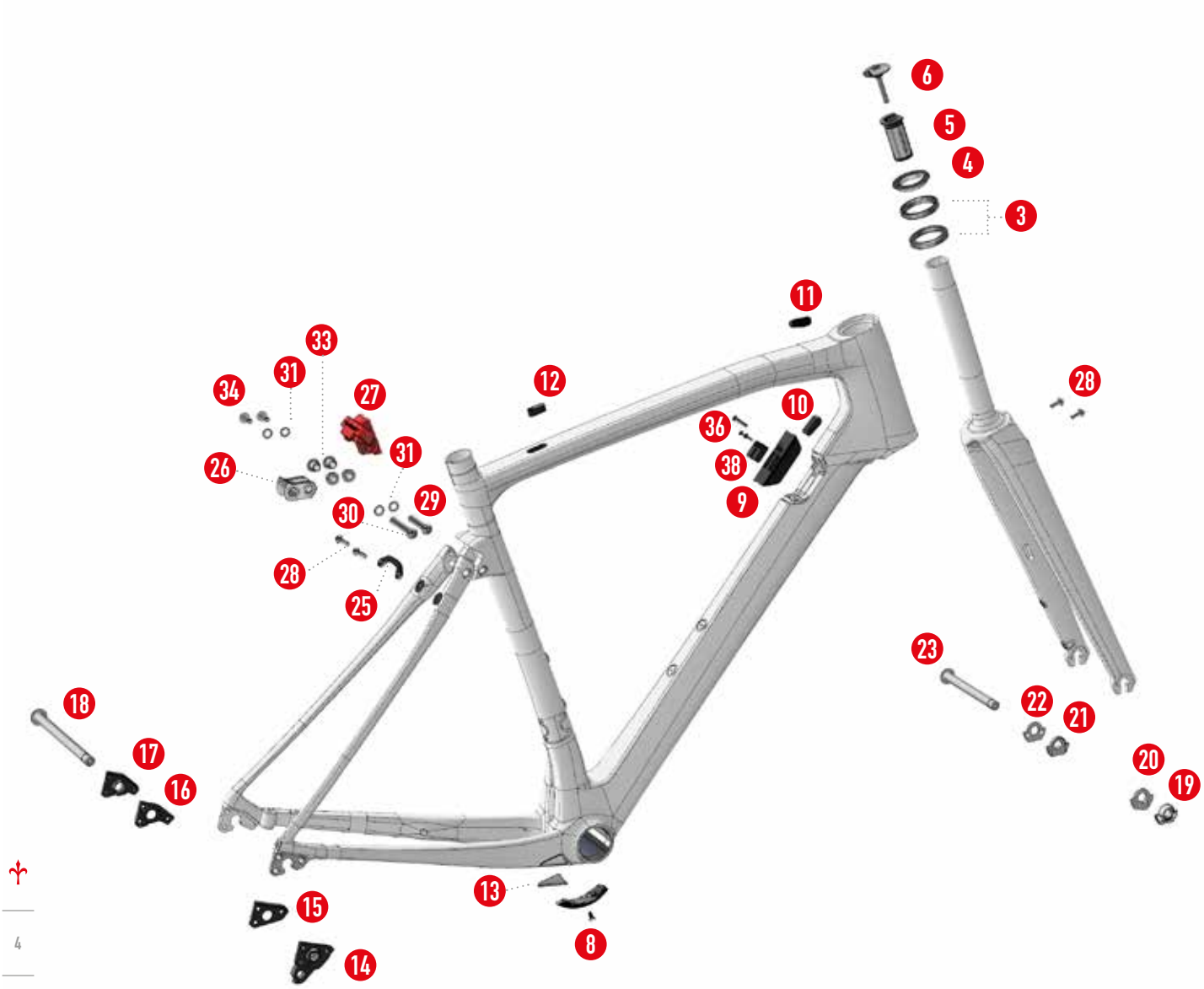
CRUO10NDR

INSTALLATION GUIDE
DISC – DI2 GEAR



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

LIST OF PARTS FOR CALIPER BRAKE/ELECTRONIC GROUP CONFIGURATION



LIST OF PARTS FOR CALIPER BRAKE/ELECTRONIC 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-6B	Oblique tube plugging plaque for Di2 groups
10	WTP110N-2	"oval" type plug for ICRS
11	WTP110N-2	"oval" type plug for ICRS
12		cap for top tube
13	WTP110N-15	Chain protector
14	WTP110N-12TA	rear forks for through-axle (4 pc, 2 RH and 2 LH)
15		
16		
17		
18	WTP110N-16R	rear through-axle 12x167.5 (OLD 142)
19	WTP110N-18TA	front forks for through-axle (4 pc, 2 RH and 2 LH)
20		
21		
22		
23	WTP110N-16F	front through-axle 12x125 (OLD 100)
25		Booster
26	WTP110N-13-2	Aluminium link
27	WTP110N-13-1S	soft shock absorber
27	WTP110N-13-1M	medium shock absorber
27	WTP110N-13-1H	hard shock absorber
28		Buffer screws
29	WTP110N-13-6	Fastening screw Actiflex L = 45.9
30	WTP110N-13-7	Fastening screw Actiflex L = 55.9
31	4x WTP110N-13-3	Spacer
33	2x WTP110N-13-5	IGUS bushings
34	2X WTP110N-13-4	Locking nut

1 INSTALLATION OF THE REAR BRAKE GLAND

1a Insert the rear brake cable into the horizontal sheath so that it comes out of the top hole of the steering tube.

1b Pull the rear brake cable from the steering tube so that one end of the gland comes out.

1c Cut a length size of an anti-vibration gland that covers the whole length between the bracket cage and the top hole of the steering.

1d Apply the anti-vibration gland on the gland of the rear brake cable from the side of the steering tube.
Insert the anti-vibration gland fully into the frame.

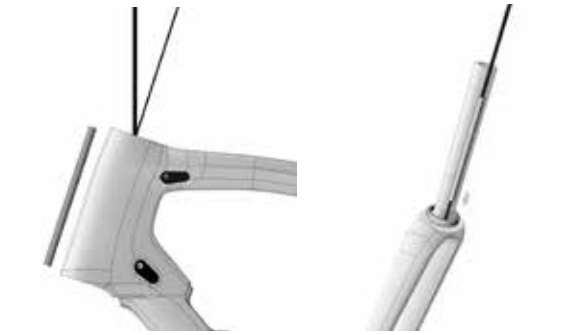
2 INSTALLATION ELECTRONIC CABLE

2a Insert the electronic cable in the upper hole of the head tube, so that is comes out of the bracket cage.

3 INSTALLATION OF FRONT BRAKE

3a Pass the front brake cable through the special grommet (no. 2 in the «Parts list» BOM).
Insert the front brake cable (and corresponding gland) inside the fork so that one end comes out of the special hole on the side of the fork sleeve.
Insert the bearing (no. 3 in the «Frame» BOM) on the fork sleeve.

3b Cut an anti-vibration gland with the same size of the steering tube. Apply the anti-vibration gland on the gland of the front brake cable.



4 FORK INSTALLATION

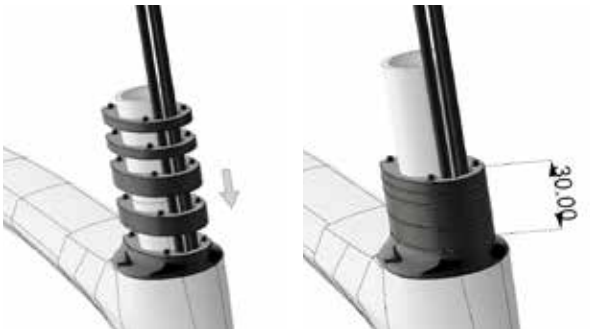
4a Insert the fork sleeve in the head tube from the lower hole.

4b Distinguish the two brake cable glands (with paper tape, marker pen or something else) and make sure that they do not cross or overlap insider the steering tube.

4c Insert the top bearing (no. 3 in the «Frame» BOM) on the fork sleeve.
Insert the top cone (no. 4 in the «Frame» BOM) on the fork sleeve.

4d 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.

4e 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).



4f Insert the top spacer (no. 5 in the «Stem» BOM) on the fork sleeve.

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

4h Insert the expander (no. 5 in the «Frame» BOM) in the fork sleeve.

4i Tighten the expander (no. 5 in the «Frame» BOM) with a tightening torque of 8÷10 Nm.

5 INSTALLATION HANDLEBAR STEM

5a Insert the glands of the brake cables and the electronic cable through the special hole under the stem, so that they come out of the front hole.
Make sure once again that the brakes cable glands do not cross or overlap.
Insert the handlebar stem on the fork sleeve.

5b Insert the locking cartridge (no. 8 in the «Stem» BOM) between the fork sleeve and the handlebar stem.

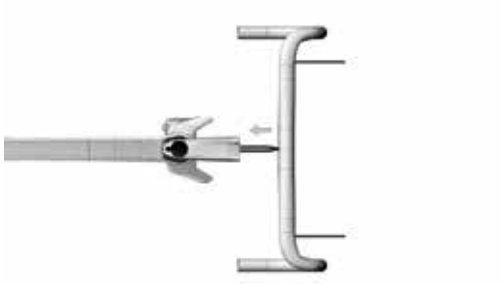
5c Insert the expander adjustment screw (no. 6 in the «Frame» BOM) in the expander (no. 5 in the «Frame» BOM). .

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

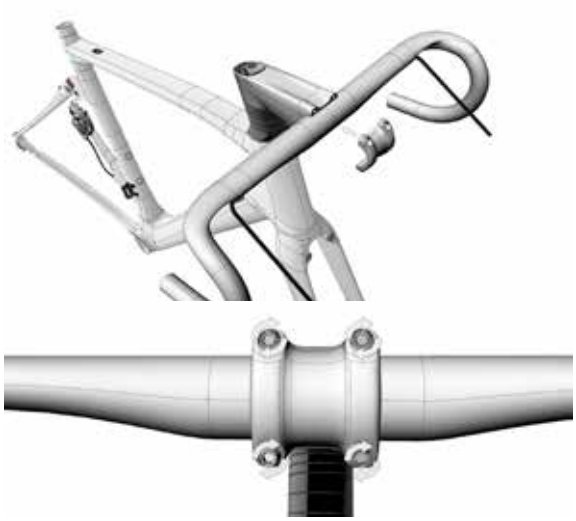
5e Tighten the locking cartridge (no. 8 in the «Frame» BOM) with a tightening torque of 7÷8 Nm

6 INSTALLATION HANDLEBAR

6a Connect the electronic cable to the splitter cable.
Insert the splitter cable and the brakes cable glands inside the handlebar through the special central hole.



6b Bring the handlebar close to the stem making sure that it is centred and in the correct direction.
Keep the handlebar in position be means of the face plate (no. 3 in the «Stem» BOM).
Tighten the face plate screws with a tightening torque of 5÷6 Nm



7 INSTALLAZTION CONTROL LEVERS

7a Insert the gear levers on the handlebar until they are correctly positioned (refer to the corresponding user manual).

7b Push the brakes cable glands inside the handlebar, so that the steering can turn easily.
Cut the glands of the brake cables to measure.

8 INSTALLATION CABLE GLAND PLATE

Close the cable gland plate (no. 9 in the «Frame» BOM) tightening the locking screw with a tightening torque of 3÷4 Nm. **8a**
Insert the covers (no. 39 in the «Frame» BOM) in the cable gland plate. Tighten the corresponding screws with a tightening torque of 2 Nm.