



## **Assembly Manual**

Center Motor 50361, 50371 & 50970



Date: 2018.04.13

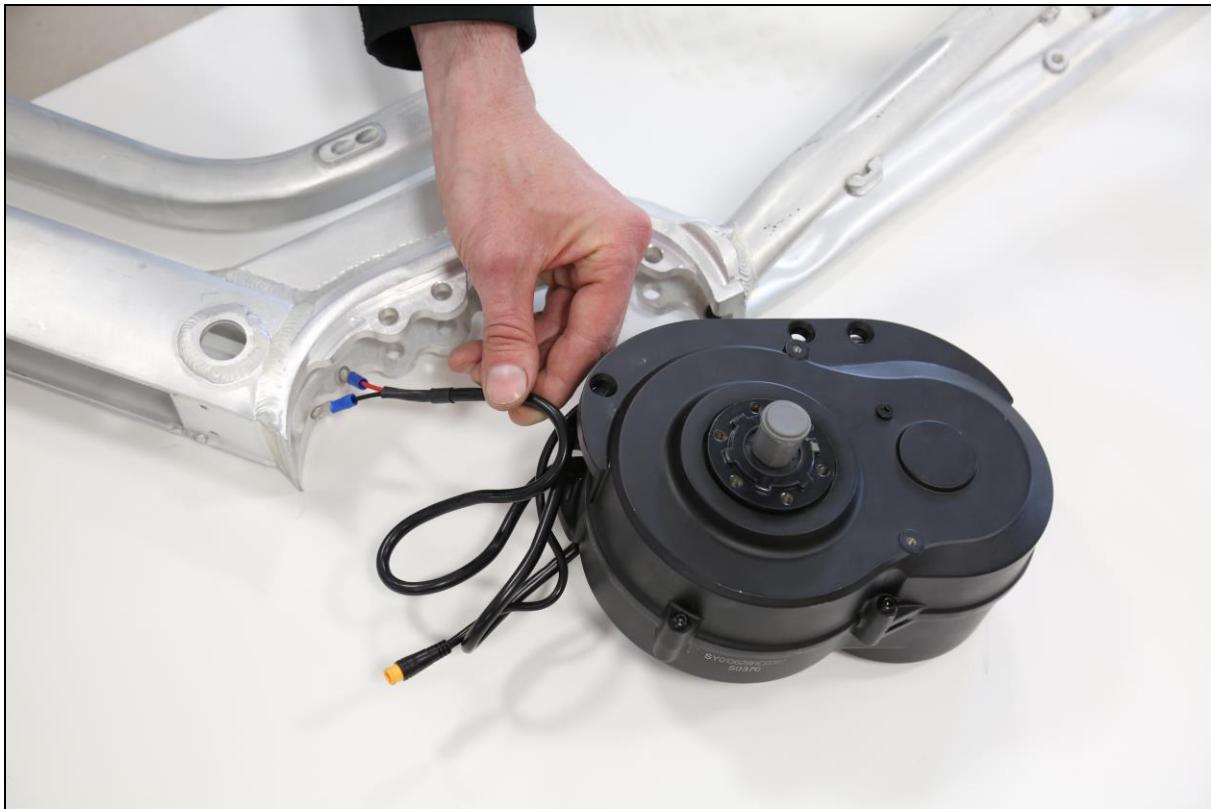
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Overview of the parts used in the manual.



Start by taking the frame and center motor. Run the power wire from the motor thorough the hole into the downtube.





Take the socket box hub together with all the parts for assembly.



Connect the power wires from the motor to the socket box hub front plate.



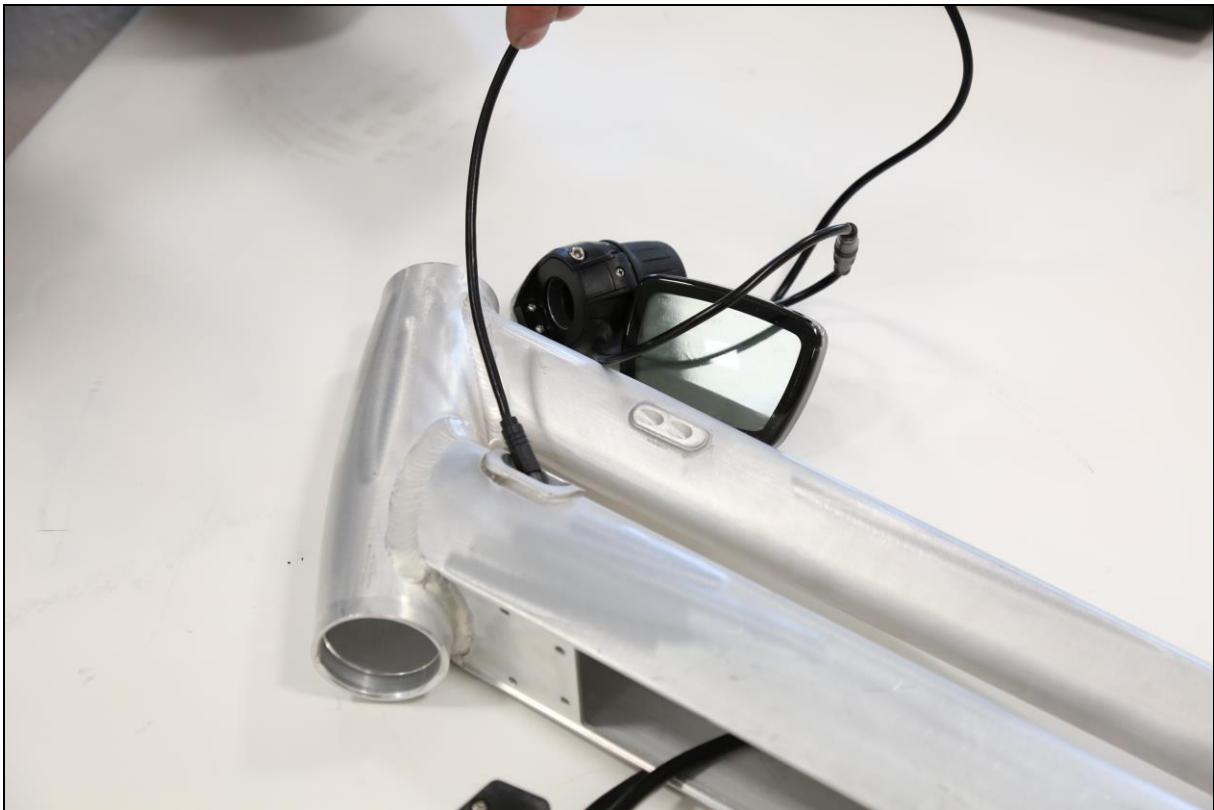
Make sure the wires are connected as shown below.



Tighten the front to the backplate using the three M3x10 screws (1.2 Nm).



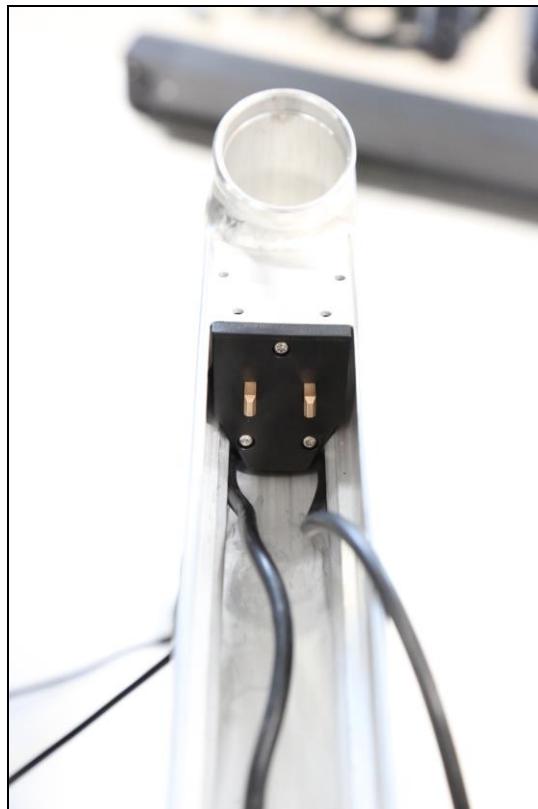
Take the display and put the wire into the upper hole of the downtube.



Fit the wire from the motor and display to the socket box hub.



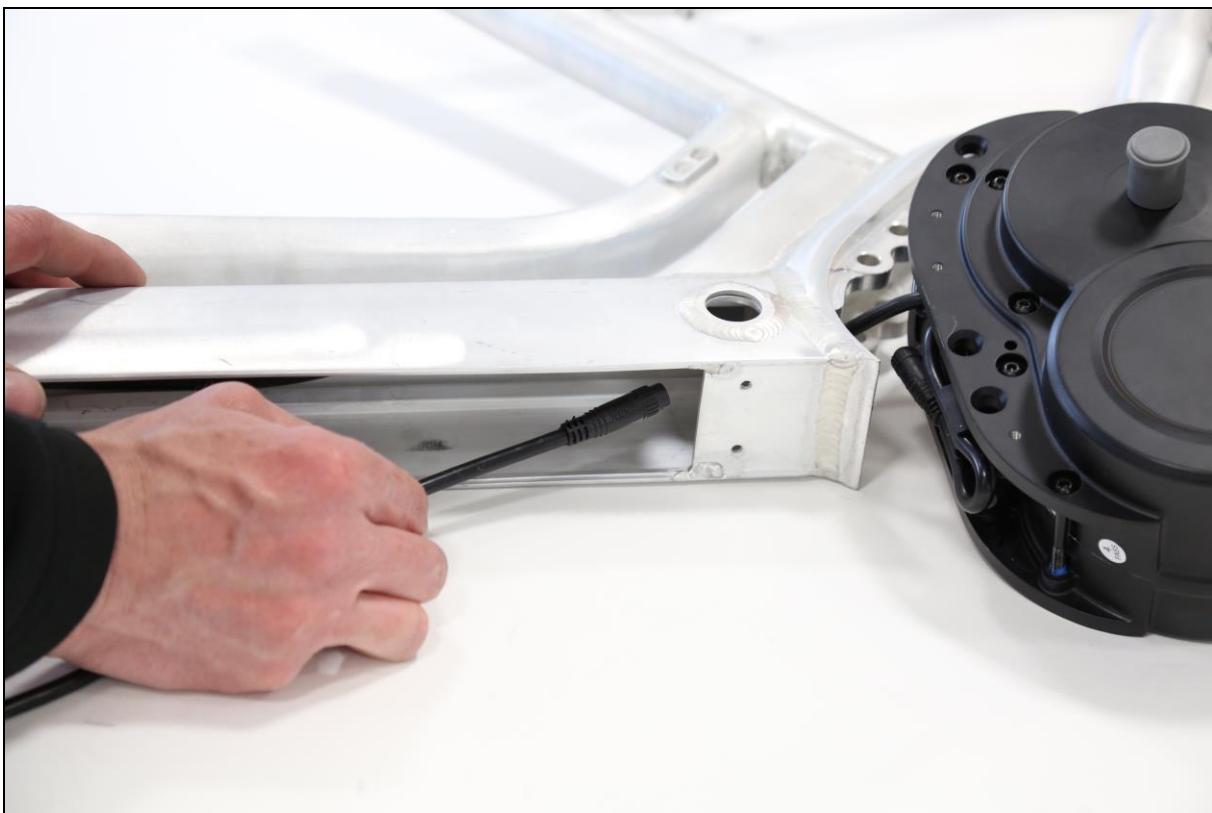
Fit the socket box hub into place. **IMPORTANT:** make sure the wires are guided on each side of the socket box hub.



Fit and tighten the four M3x10 screws (1.2Nm) for the socket box hub.



Put the wire from the socket box hub into the lower hole of the downtube.





Connect the wire to the center motor.



Make sure the wires are positioned like this and fit the center motor to the frame. Make sure the speed sensor wire doesn't get stuck.



Fit the screws for the center motor.





Tighten the three M6x18 screws (6Nm) for the center motor.



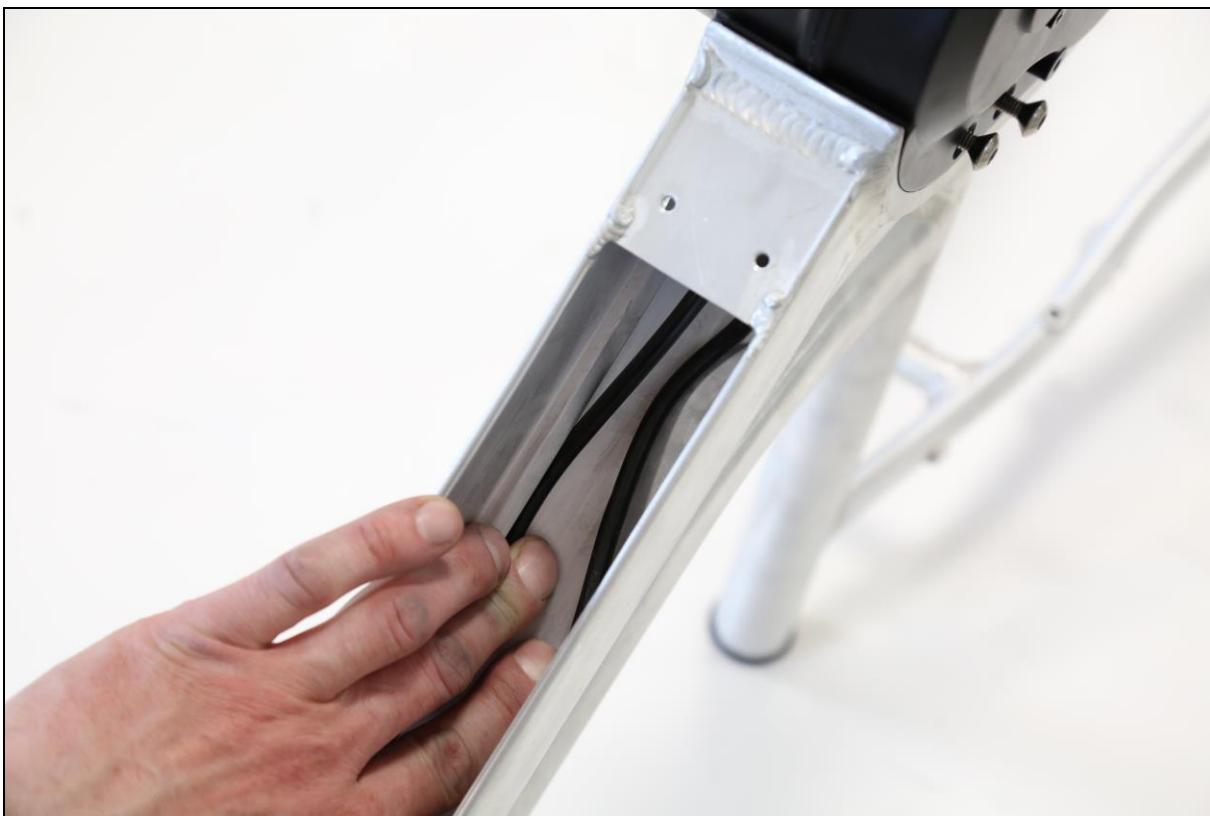
Turn the frame and run the wires in each side. Fit two of the three clamps – one close to the socket box hub and one in the middle.



Clamp closest to the socket box hub.



Push the wires in place.



Take the parts for the locking mechanism.



Mount the two screws loosely and make sure the key part can move around.



Push the locking mechanism in place. Make sure the wires are positioned correct.



Fit the key into the lock to use it as a guide while fitting.



When in place tighten the two M3x10 screws (1.2Nm).



You may now tighten the two screws for the lock (1.2Nm)



Fit the last clamp closest to the locking mechanism.



Take the speed sensor.



Connect the wire from the sensor to the motor and mount the speed sensor onto the frame.



Take the display.



Mount the bracket onto the display.



Make sure to use the right crank arm on each side. They are marked with "L" and "R" on the inside.

