

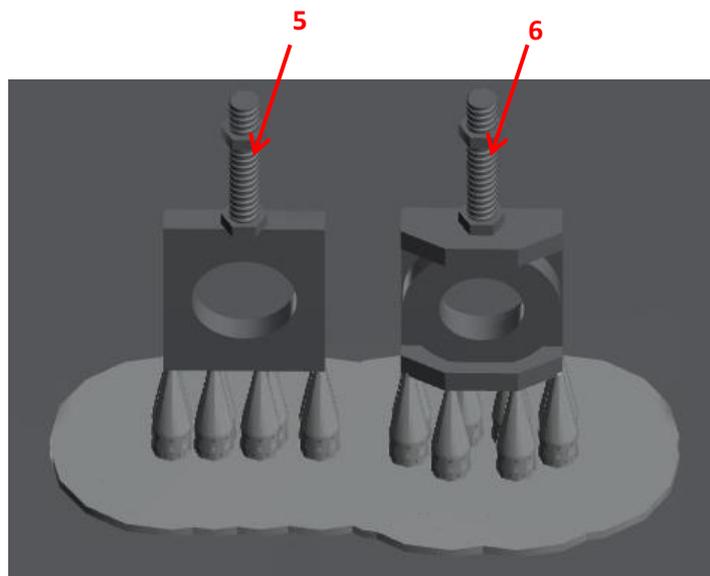
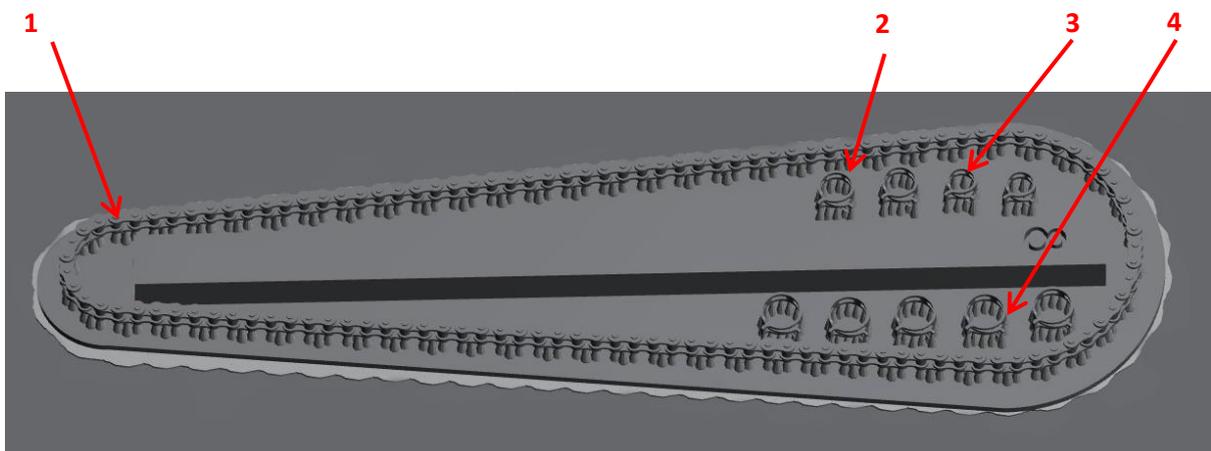


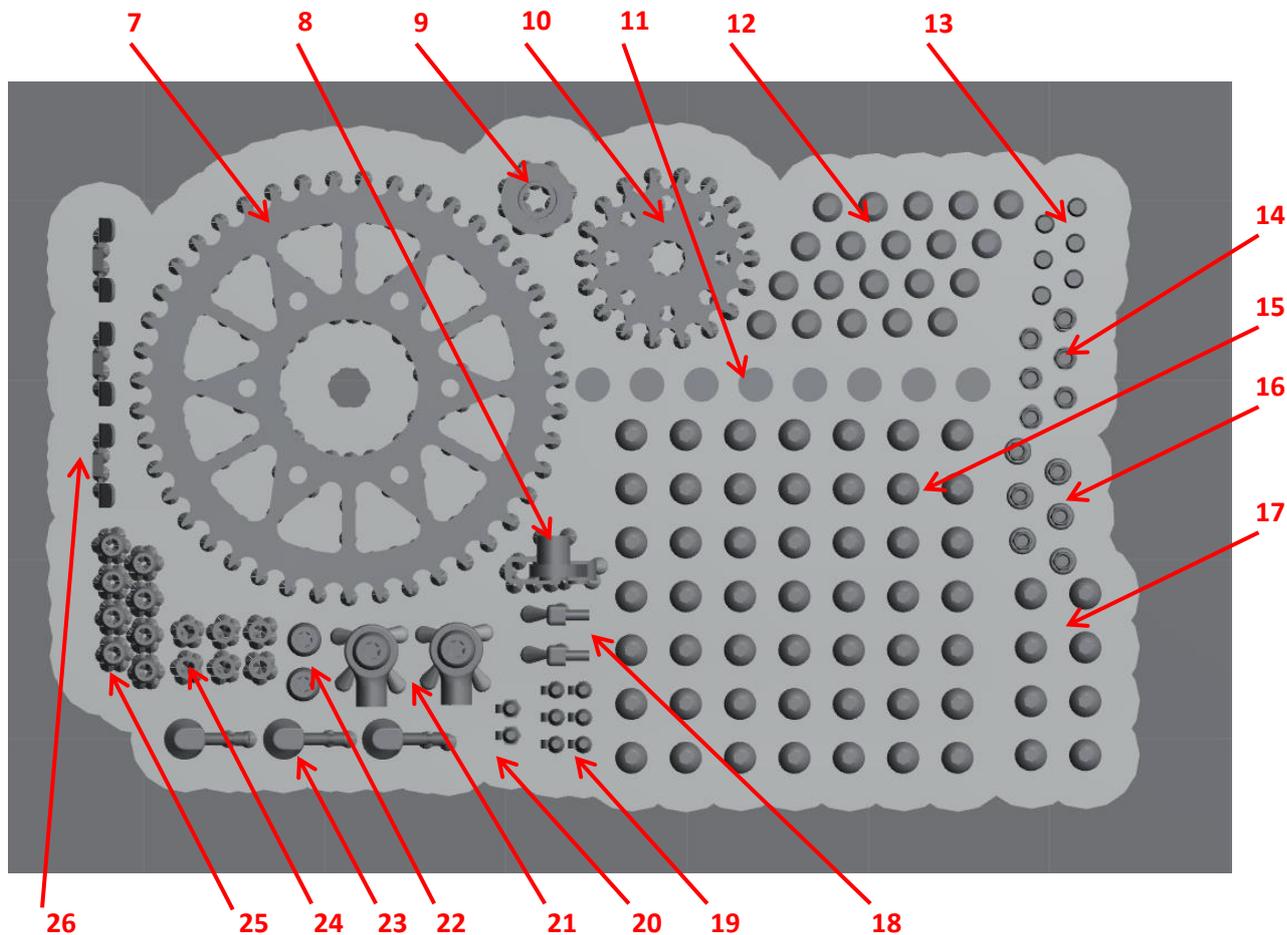
Kawasaki ZX 10 R / RR (MENG MT-007 and 008) upgrade set

Catalog no.: FSM P008

Installation guide

Parts list: metal tube x1, thin black wire, thick black wire, silver metal wire





Part no.	Part name	Part no.	Part name
1	Chain x1	14	Front brake caliper screw x6
2	Coolant hose clamp - medium x2	15	Body panel screw x49
3	Coolant hose clamp – small x2	16	Brake hose connector screw x6
4	Coolant hose clamp – large x4	17	Windshield screw x8
5	Chain tensioner right x1	18	Steering damper connector x2
6	Chain tensioner left x1	19	Front brake caliper bleeding screw x6
7	Rear sprocket x1	20	Rear brake caliper bleeding screw x2
8	Clutch cable tensioner x1	21	Steering damper joint x2
9	Rear wheel nut x1	22	Steering damper screw x2
10	Front sprocket x1	23	Rim air valve x3
11	Rear sprocket screw x8	24	Brake hose clamp x6
12	ABS/Brake disc screw x 20	25	Windshield nut x6
13	Handlebar screw x6	26	Front brake pad metal sheet x3

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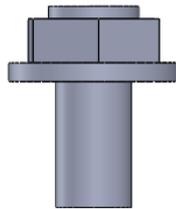
Black wires

The thick black wire is used to replace vinyl tube from the base kit. Each time one uses thick black wire the parts must be modified by removing the pins for vinyl tube installation. After they are removed one needs to drill 0.6 – 0.7mm holes for black thick wire installation. See reference photos at the end of this manual.

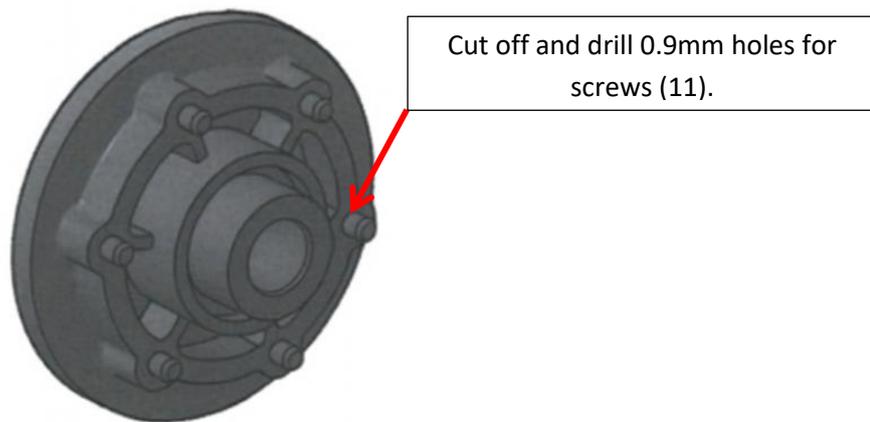
Thin black wire needs installation hole of 0.3mm diameter and it is used to recreate ABS wires, steering damper connector wire. Additionally it can be used to add wiring to the oxygen sensor wire or ignition key wire (not shown in this manual).

Chain

1. Remove all supports holding the chain (1). Use sharp cutters like Tamiya 74035. Do not break off the chain. See the video on supports removal at www.falconscalemodels.com in the manual section.
2. Remove all the supports holding rear sprocket screws (11), sprockets (7, 10) having in mind rear sprocket screws should have an installation pins. Properly cut off parts:

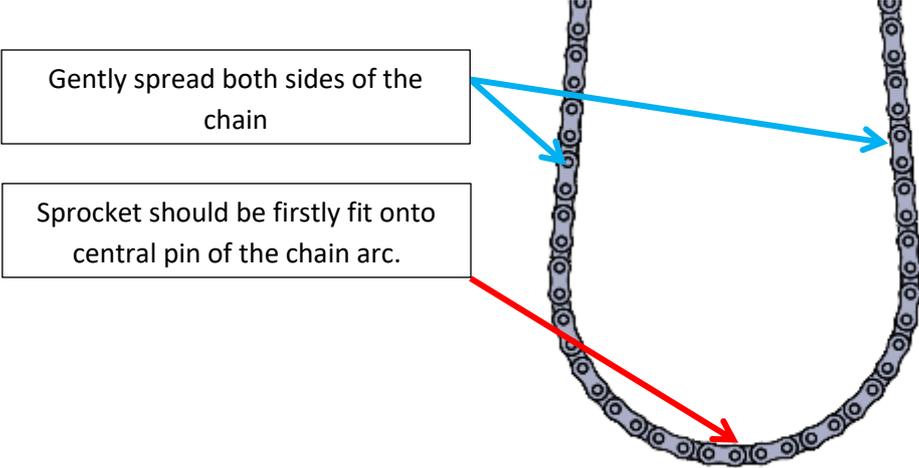


3. Cut off 6 pins from adapter V 1 – 4 from the base kit. Then put the rear sprocket onto the adapter V 1- 4. Position the sprocket in such a way that holes aligns with the cut off pins. Using 0.9mm drill, create holes for screws (11).

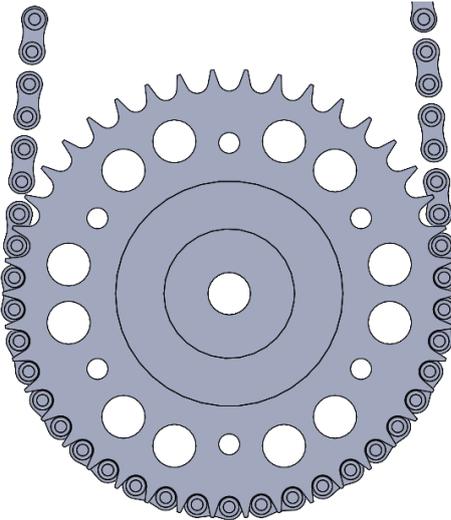


4. Install screws (11) using CA glue of Micro Kristal Clear.
5. Install the sprockets inside the chain.
See the video on sprocket installation at www.falconscalemodels.com in the manual section.

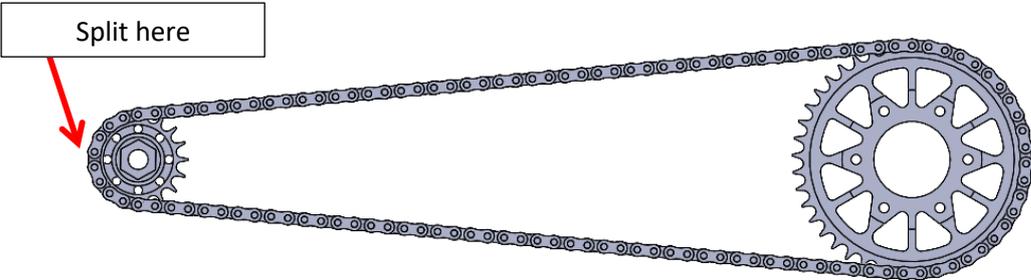
Gently widen the chain and insert the sprocket onto the central pins of the chain arc. In the next step, lightly raise the chain and pull it in the direction of the opposite sprocket to place all the pins on the sprocket. If needed secure the sprockets position using CA glue or Micro Kristal Klear.



Proper position of the sprocket inside the chain.



6. It is suggested to split the chain at the front sprocket what makes it strong and easy to install.



Coolant hose clamps

Kit contains 3 sizes of coolant hose clamps, which should be used with:

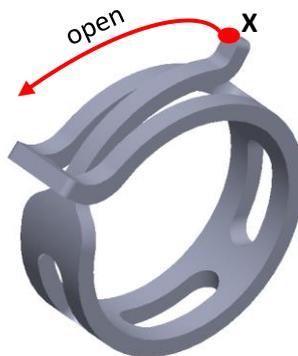
B11 - small coolant hose clamp (3)

F15 - medium coolant hose clamp

F2 and F5 – large coolant hose clamp

Each size can be slide over the hose or can be opened and closed again when installed at F2.

After removing all supports one grab the end of the clamp marked as X and gently pull it in order to adjust clamp diameter or to make it fully open. In case the one has fully withdrawn end X from the clamp, it can inserted inside the clamp again to recreate the original shape.

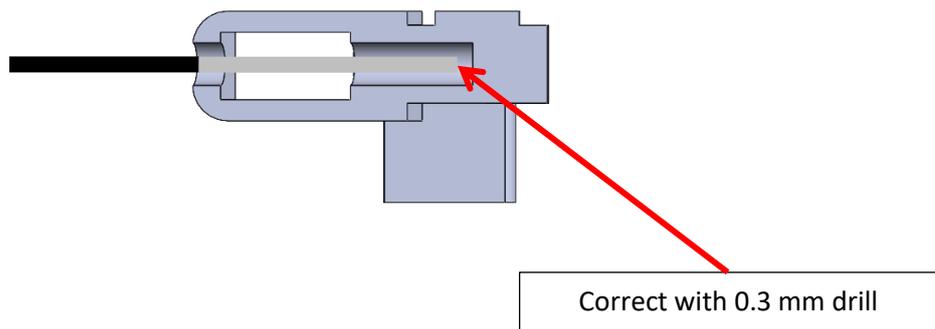


Rim air valve

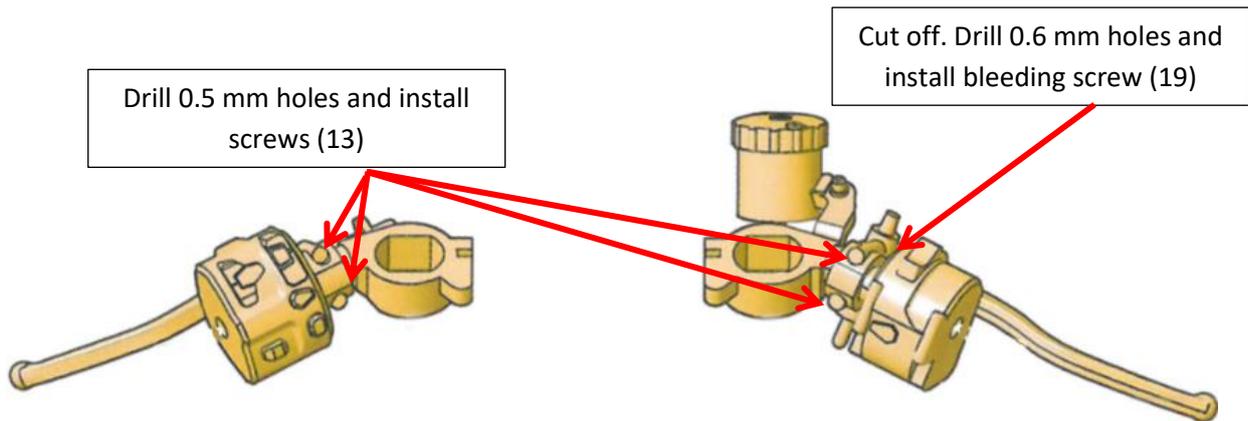
Cut off the molded air valve and replace it with (23). Installation hole diameter 1mm.

Clutch cable tensioner

Replace E1 – 12 with clutch cable tensioner (8). With 0.3 mm drill correct the inner installation hole. Cut the thick black wire to the length 15mm greater than the one marked in step 33. Remove the black insulation and using CA glue fix the silver wire inside (8). The other end install in E2 – 3 after cutting of the pin for installation of the base kit vinyl tube and drilling 0.6 – 0.7mm installation hole.



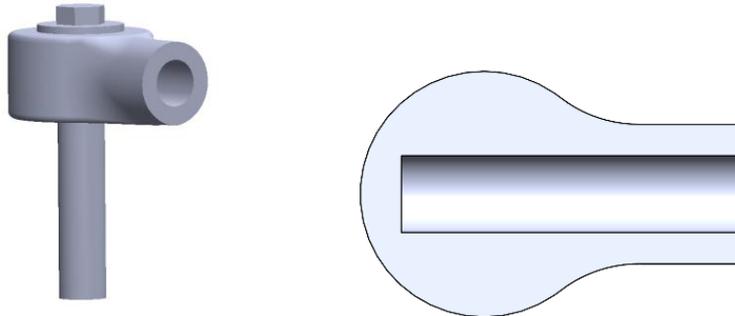
Handlebar screws and bleeding screw



Steering damper

Using N3 part from the base kit shortens the metal tube to the required length. Using metal fine or sand paper smooth both ends of the tube.

1. Remove the steering damper joint (21) from the supports. Steering damper connector has an installation pin, so do not cut it off when removing supports. It is suggested to place the cutting line directly of the base plate surface.



2. Check if the metal rod enters the steering damper connector hole. If not sand down gently metal rod and use 0.6mm followed by 0.7mm, 0.8mm and finally 0.9mm drill to correct the hole. Changing drill size by more than 0.1mm may cause damage of the part during. Do it carefully not to break the side walls. Hole depth of 1-1.5mm is enough.
3. Using CA glue connect metal tube with steering damper connector.



Drill 0.5 mm hole and install steering damper connector (18). Cut 4cm of black thin wire and glue one side inside the hole in (18), the other end hides inside the frame.

Correct with 0.9 - 1mm drill for smooth installation of (21)



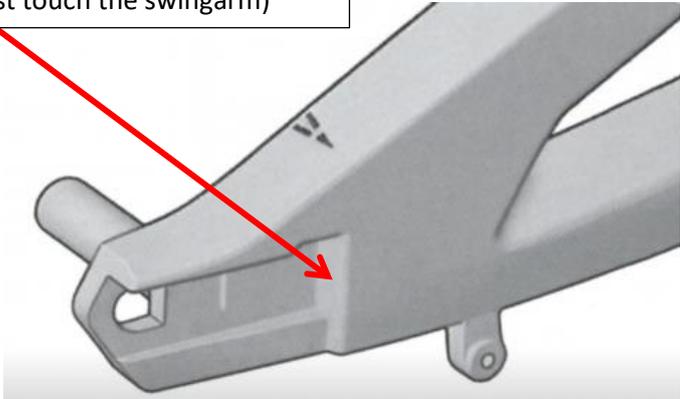
In step 32, use (22) to replace B type screw. **DO NOT CEMENT** it must move freely.



Chain tensioners

Use part (5) to replace B27 and (6) instead of B26. Pass silver wire through holes in nut (9) to create a locking cotter. Install nut (9) onto the (6). Use 0.7mm drill to create installation holes in the swingarm.

Drill 0.7 mm holes about 1.5mm deep (nut must touch the swingarm)



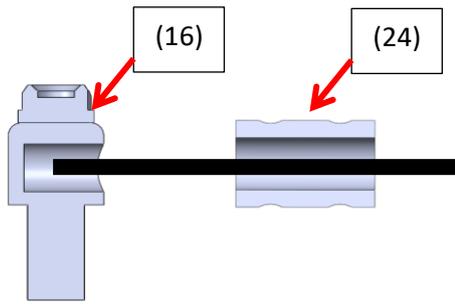
IMPORTANT: Install (5) after attaching the rear wheel.

Body panel screws

Use body panel screws to replace screws B and other molded body panels screws. Installation hole diameter 1mm. **DO NOT USE THEM WITH FRONT COWLING.**

Brake system

Brake hose installation:

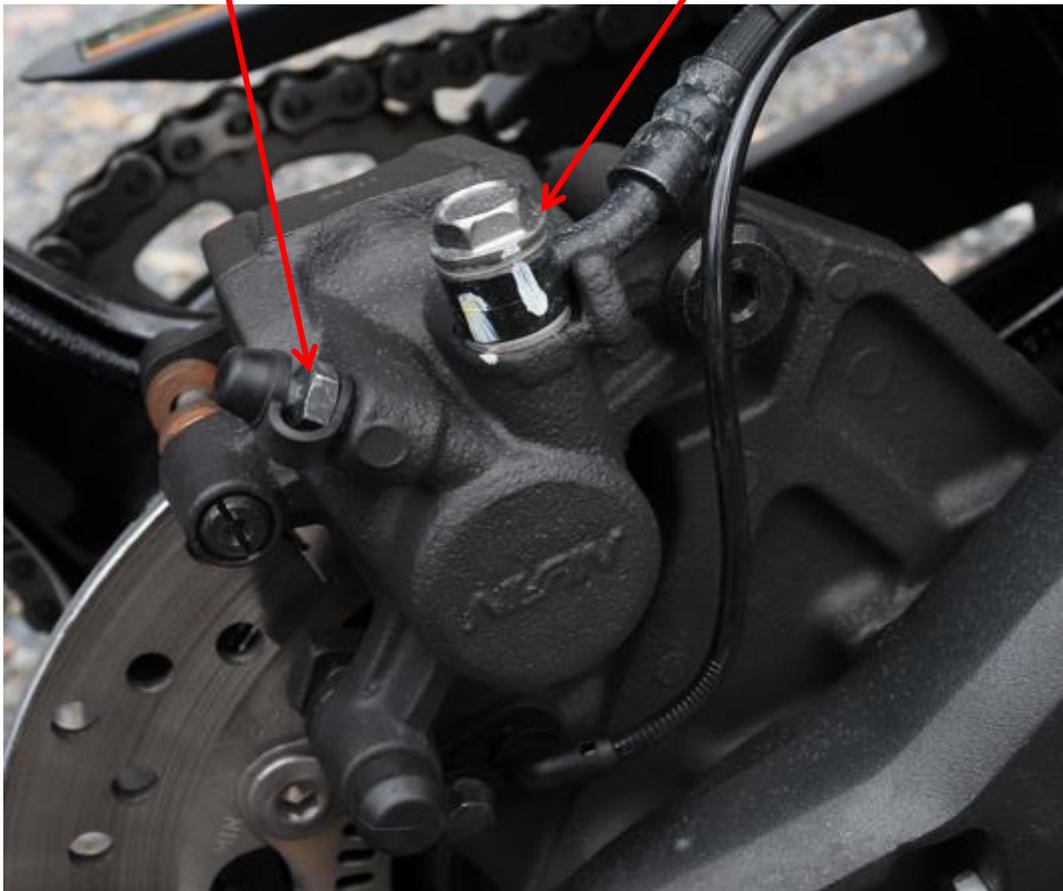


Insert black thick wire into (16). Onto the black thick wire slide brake hose clamp (24) and secure its position with CA glue.

Rear brake

Drill 0.6 mm and install (20)

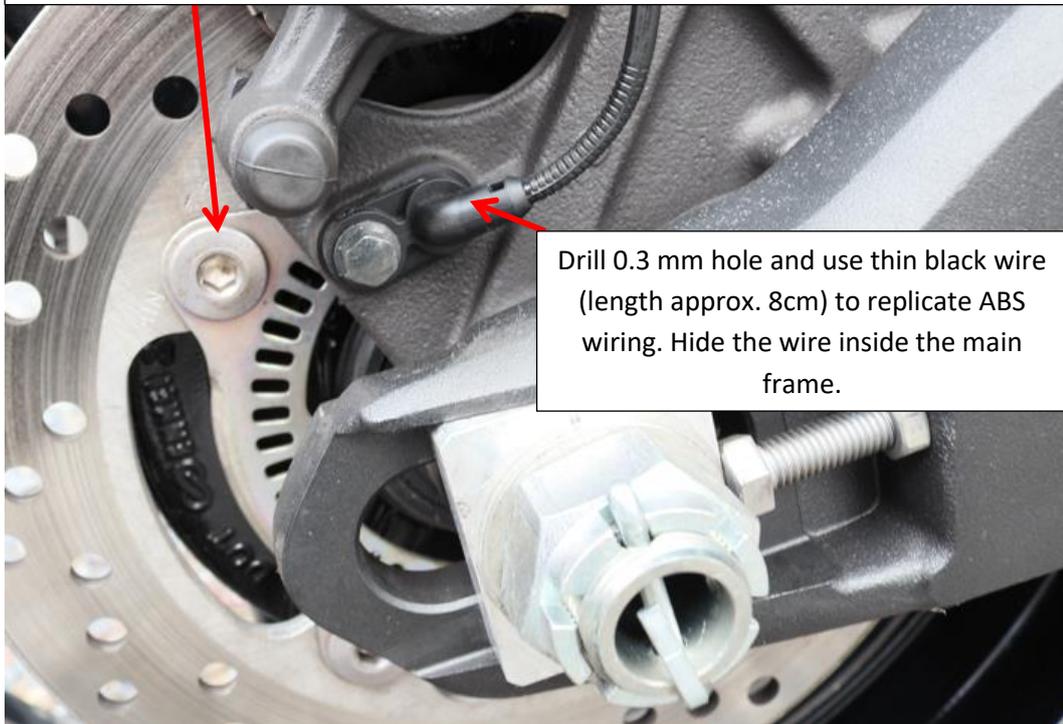
Drill 0.9 mm and install (16) with previously attached black thick wire and (24)



Use screws (12)

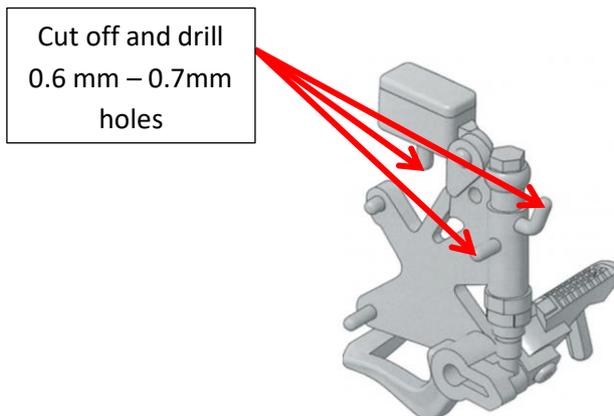
Method 1 Cut off pins from V1-5 and replace them with 0.8mm holes matching PE part.

Method 2 Cut off screw heads from (12) and glue them onto PE part.



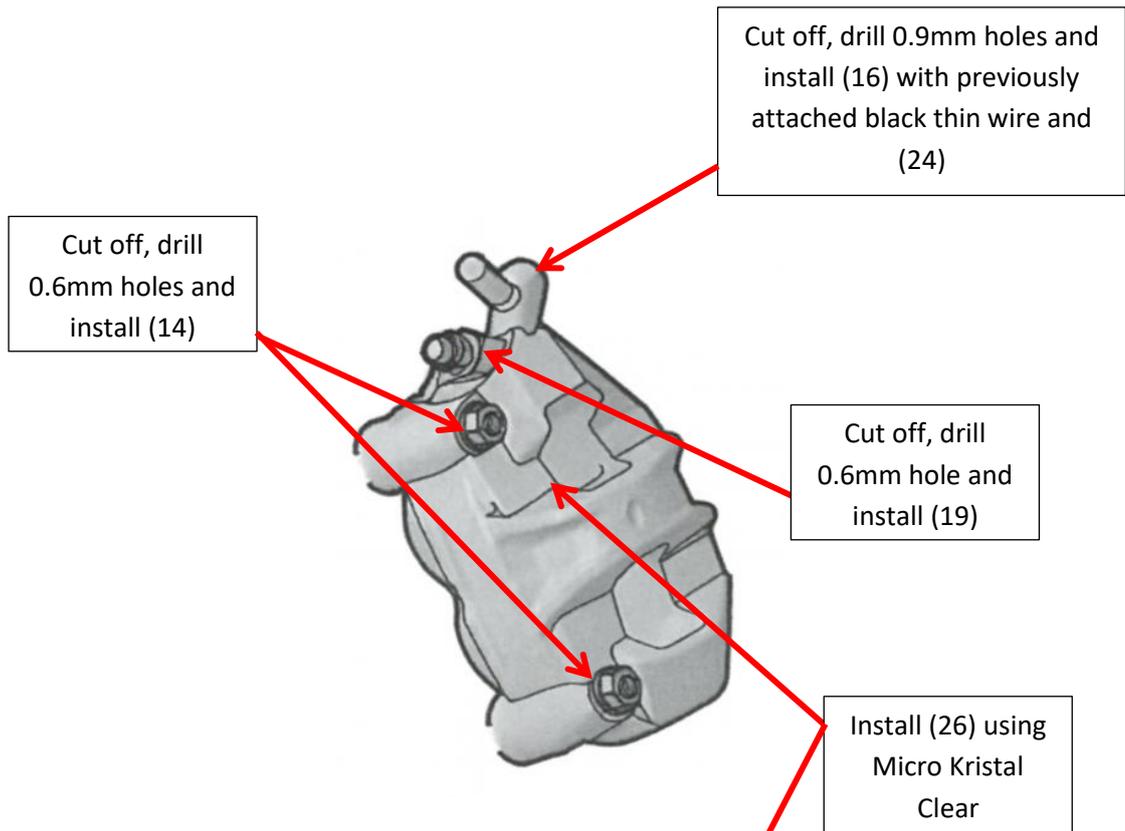
Drill 0.3 mm hole and use thin black wire (length approx. 8cm) to replicate ABS wiring. Hide the wire inside the main frame.

The other end of the thick black wire with previously added parts (see the beginning of this section) insert into B5. Use the same thick black wire to connect Y3 with B5.



Cut off and drill
0.6 mm - 0.7mm
holes

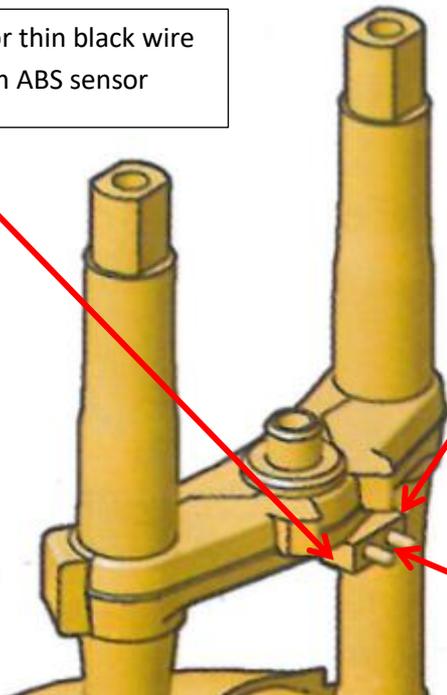
Front brake





Use 0.3mm drill to create a hole for thin black wire to recreate ABS wiring.
Length approx. 65m.

Left side: drill 0.3 for thin black wire installation from ABS sensor



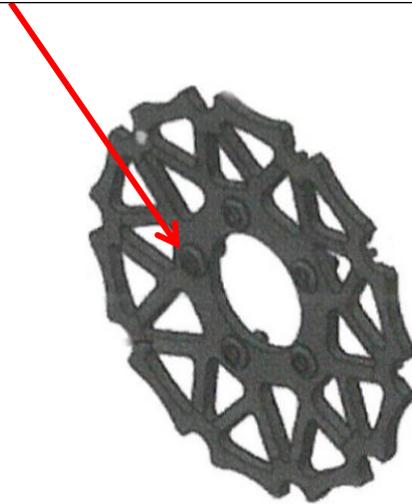
Right side: Cut off pin and drill 0.6 – 0.7 mm hole for thick black wire installation.
In the similar way drill holes in: Y2, E2-1 to insert thin black wire.

Cut off and drill 0.6 – 0.7 mm holes for thick black wire installation from brake calipers.

Use screws (12) to upgrade parts E1-8 and W 1-3

Method 1 (E1-8) Cut off and drill 0.8mm holes which match with V1-1

Method 2 (E1-8 and W1 -3): Cut off screw heads from (12) and glue them onto W1-3
and onto E1-8



Windshield screws

Sand down the screws imitation from CT1. Drill 0.6mm installation hole making sure they are concentric this one from the X 1-7. Install screws (17) followed by installation of the X 1-7. On the long pins of screws (17) install the nuts (25). Shorten the pins to the nut level. See reference photos at the end of this manual.

Reference photos

