

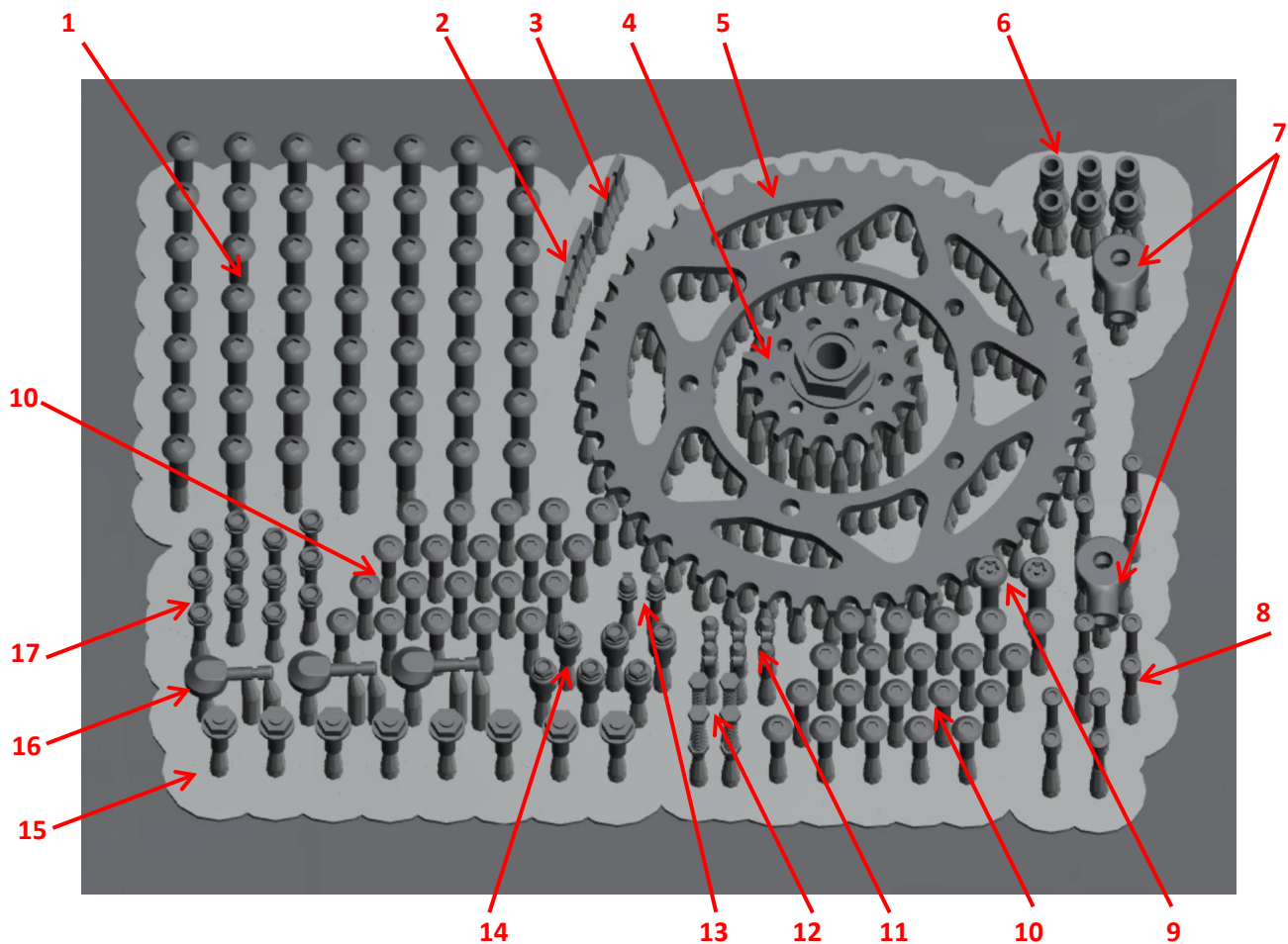


BMW M 1000 RR (MENG MT – 009) – upgrade set

Catalog no.: FSM P013

Installation guide

Parts list: 3D printed chain, metal tube x1, thin black wire, thick black wire.



Part no.	Part name	Part no.	Part name
1	Body panel screw x 49	10	Rotor screws x 40
2	Rear rim balancing weight x 1	11	Front caliper bleeding screw x 6
3	Front rim balancing weight x 1	12	Chain tensioner x 4
4	Front sprocket x 1	13	Rear caliper bleeding screw x 2
5	Rear sprocket x 1	14	Brake hose connector x 6
6	Brake hose clamp x 6	15	Rear sprocket screw x 8
7	Steering damper connector x 2	16	Rim air valve x 3
8	ABS ring screw x 12	17	Brake caliper screw x 12
9	Steering damper screw x 2		

It is suggested to cut off all parts except screws which can be painted as attached to the print base.

Use CA glue to join resin parts with the ones from the base kit.

Contents

Black wires.....	3
Chain.....	3
Rim air valve	5
Rim balancing weight	5
Chain tensioner	5
Body panel screws.....	5
Rotor and ABS screws.....	5
Brake calipers	6
Steering damper	7
Photos.....	7

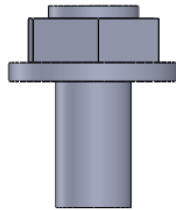
Black wires

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).

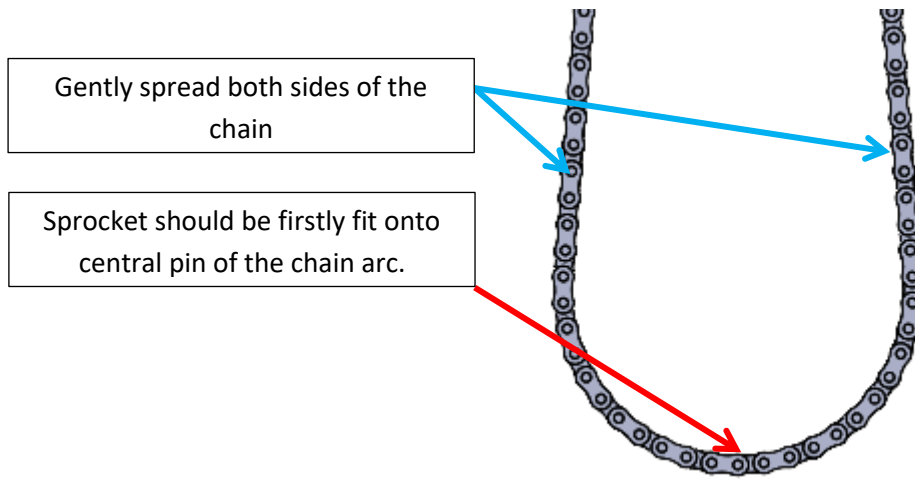
Chain

1. Remove all supports holding the chain . 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 (15) installation diameter 0.9mm, sprockets (4, 5) having in mind rear sprocket screws should have an installation pins. Properly cut off parts:

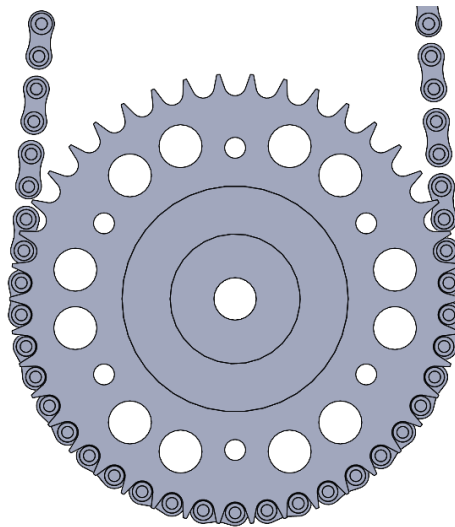


3. Install screws (11) using CA glue of Micro Kristal Clear.
4. Install the sprockets inside the chain.

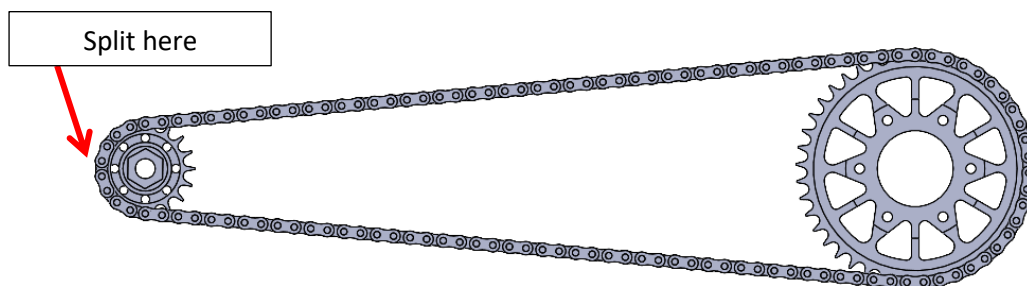
See the video on sprocket installation at www.falconscalemodels.com in the manual section. Gently widen the chain and insert the sprocket onto the central pints of the chain arc. In the next step, lightly raise the chain and pull it in the direction of the opposite sprocket to place all the pins on the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



Proper position of the sprocket inside the chain.



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



Rim air valve

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

Rim balancing weight

Cut off rim balancing weight front (3) and rear (2) using Micro Kristal Klear.

Chain tensioner

Installation hole 0.7mm for chain tensioner



Body panel screws

Use body panel screws to replace screws and other molded body panel screws. Installation hole diameter 0.9mm.

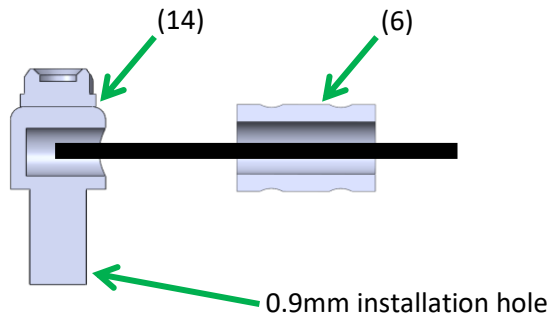
Rotor and ABS screws

Use (10) to add rotor screws and (8) for ABS ring. It is suggested to cut off screw heads and glue them to the base kit parts.

Brake calipers

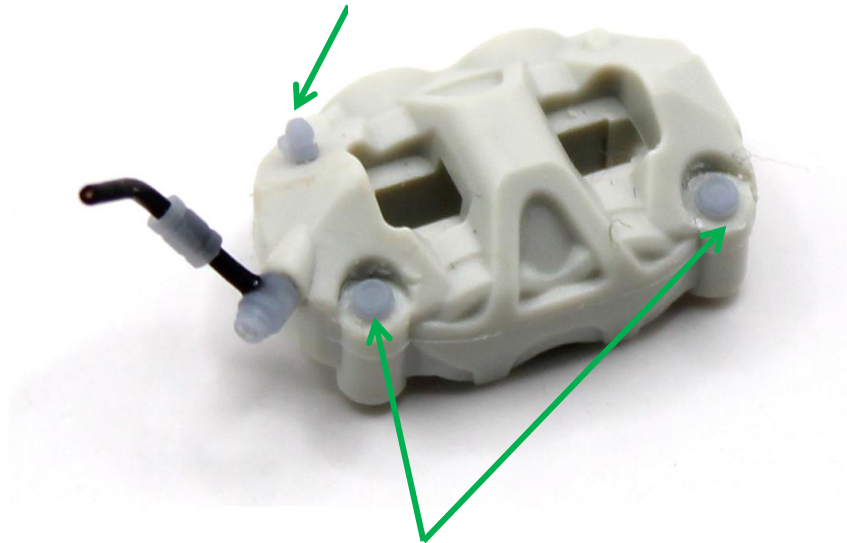
Insert black thick wire into (14). Onto the black thick wire slide brake hose clamp (6) and secure its position with CA glue.

Brake hose installation:



Front caliper: bleeding screw (11), installation hole 0.7mm

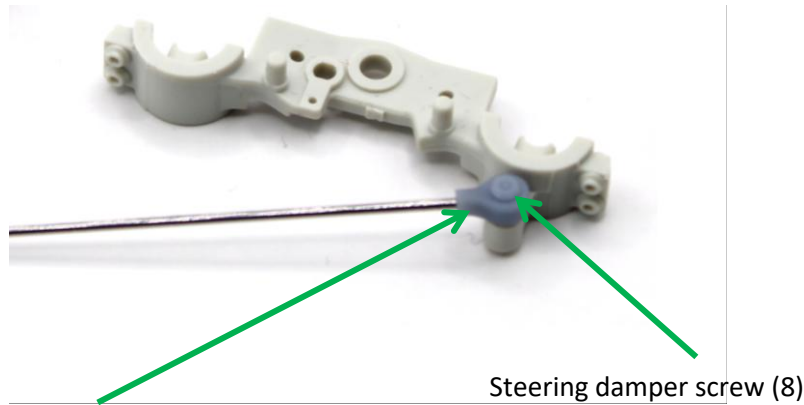
Rear caliper: bleeding screw (13), installation hole 0.6mm



Screws (17), 0.9mm installation hole

Steering damper

Use (10) to add rotor screws and (8) for ABS ring. It is suggested to cut off screw heads and glue them to the base kit parts.



Steering damper connector (7)

Correct metal rod installation hole using
0.5, 0.6, 0.7 mm drill.

Installation hole 1mm

Apply glue only on the top of the screw
making (7) free to rotate about the (8).

Photos



