

Before commencing assembly, please read these instructions thoroughly.



Messerschmitt Me 163B-1a



Warning!

SAFETY PRECAUTIONS

This radio control model is not a toy!

- First-time builders should seek advice from people having building experience in order to assemble the model correctly and to produce its performance to full extent.
- Assemble this kit only in places out of children's reach!
- Take enough safety precautions prior to operating this model.
You are responsible for this model's assembly and safe operation!
- Always keep this instruction manual ready at hand for quick reference, even after completing the assembly.

SPECIFICATION

Wing Span: 1540 mm (60.6 in)
Wing Area: 47.5 dm² (736 sq.in)
Total Length: 1020 mm (40 in)
Engine : 2C , 0.46-0.53cu.in
 4C, 0.53-0.61cu.in
Radio : 4 channels , 4 servos

REQUIRED FOR OPERATION (Purchase separately)

- 1 A minimum 4channel radio for airplanes (with 4servos). And dry batteries.



CAUTION: Only use a minimum 4 channel radio for airplanes! (No other radio may be used!)

A minimum 4 channel transmitter for airplanes.



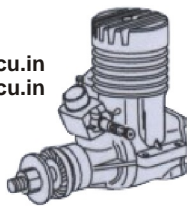
12 AA-size Batteries



For handing the radio properly, refer to its instruction manual.

- 2 Engine and Muffler
Model Airplane engine
2C 0.46-0.53 cu.in
4C 0.53-0.61 cu.in

Muffler



Glow plug

- 3 Propeller splinner

Purchase a propeller that will match your engine



- 4 Silicone Tube  Fuel Filter 

- 5 required for engine starting



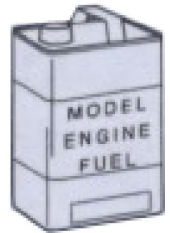
WARNING: Normal gasoline cannot be used with glow engines.



Fuel Pump



Plug Wrench



- 6 Glue

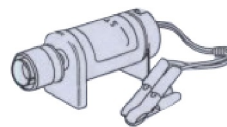


Instant glue

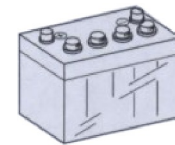


Epoxy Glue

- 7 Other equipment for enhancing airplane operation & peromance



Engine Starter



12V Battery (for starter)



Ignition

TOOLS REQUIRED (Purchase separately)

Sharp Hobby Knife



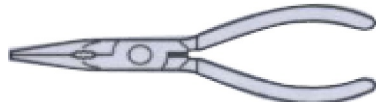
Phillips Screw Driver



Awl



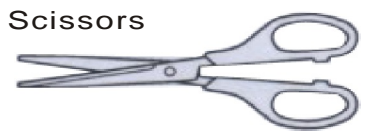
Needle Nose Pliers



Wire Cutters



Scissors



BEFORE YOU BEGIN

- 1 . Read through the manual before you begin ,so you will have an overall idea of what to do.
- 2 . Check all parts .if you find any defective or missing parts .contact your local deater.
- 3 . Symbols used throughout this instruction manual,comprise.



Apply epoxy glue.



Drill holes with the specified Diameter(here:2mm)



Must be purchased separately!



Apply instant glue (CA glue,super glue).



Ensure smooth non-binding movement while assembling.



Pay close attention here!



Assemble left and right Sides the same way.



Cut off shaded portion.



Cut off excess.

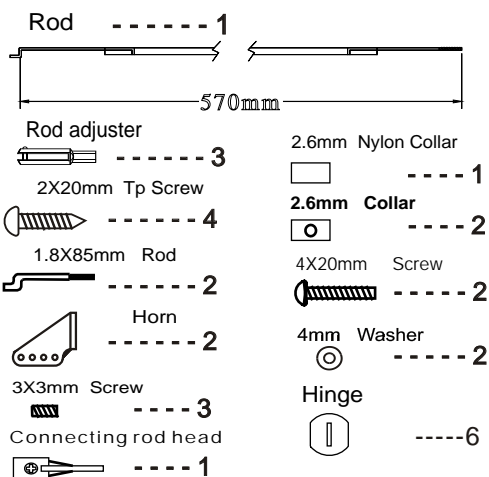


Warning!

Do not overlook this symbol.

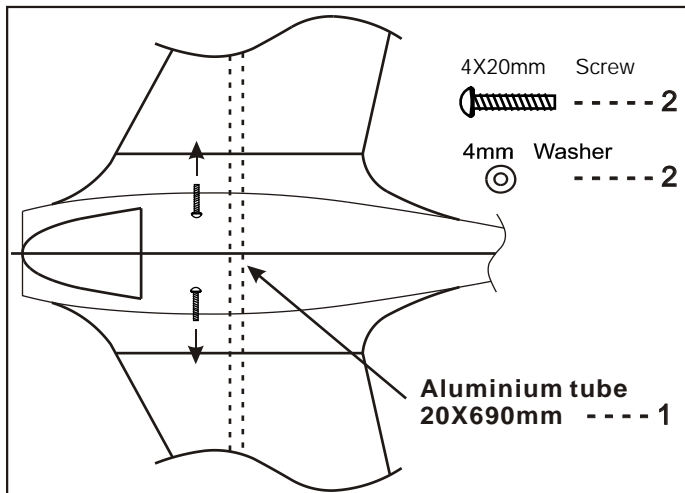


Accessory list for this page.



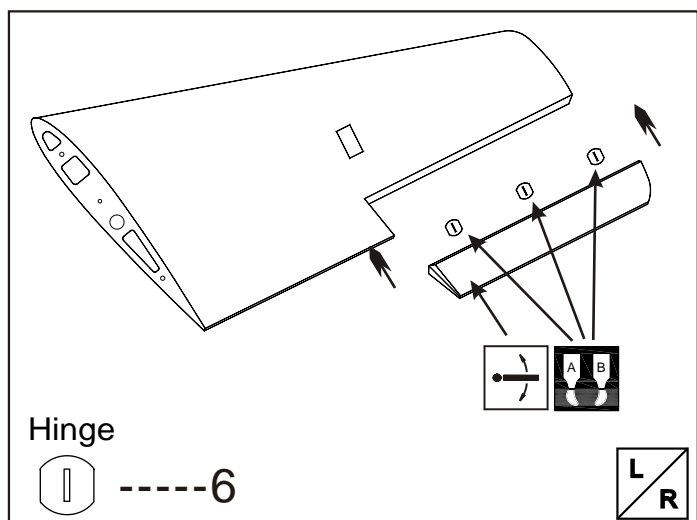
3

Main wing



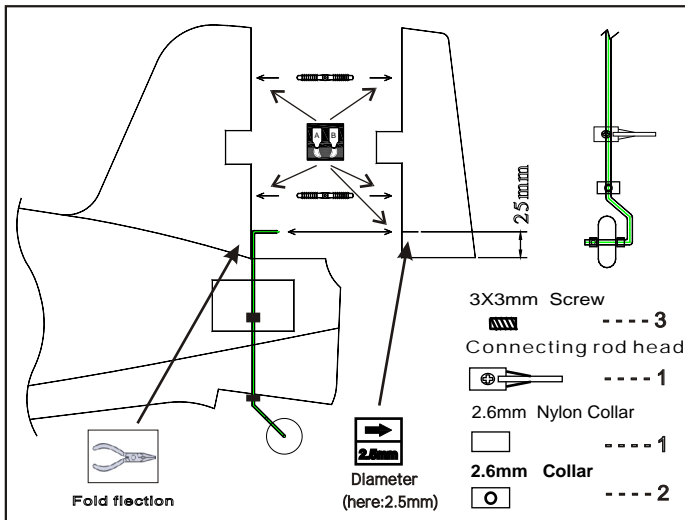
1

Main wing



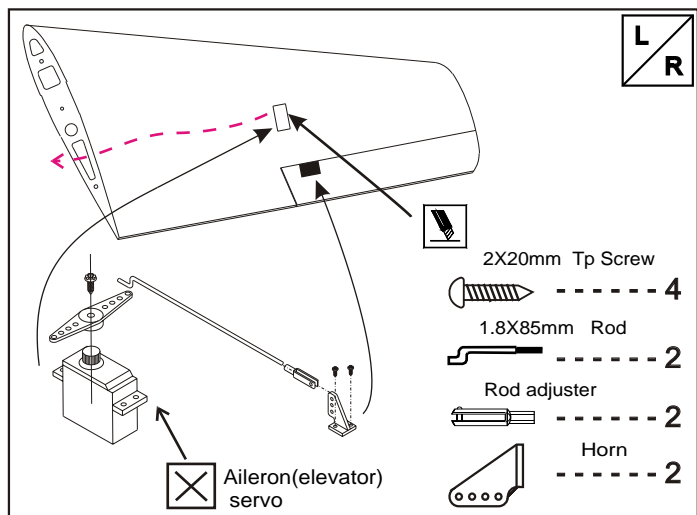
4

Horizontal Tail



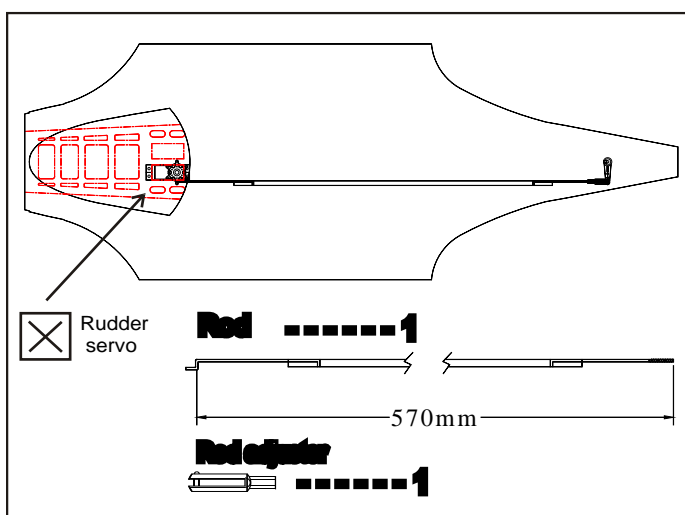
2

Main wing



5

Rudder servo

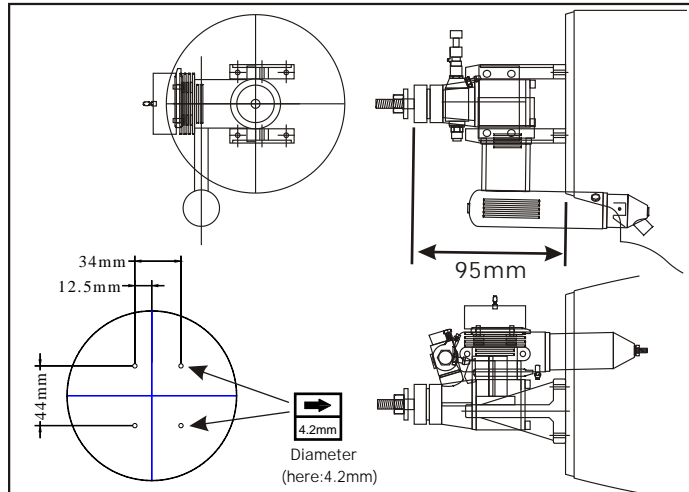




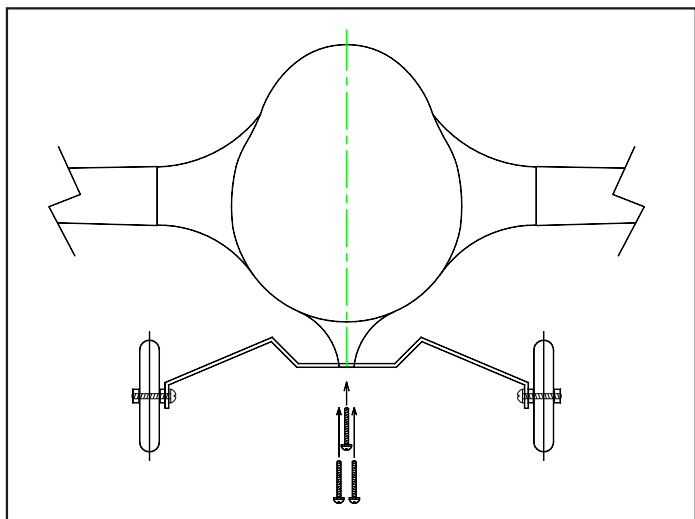
Accessory list for this page.

M3 Lock Nut	3X18mm Screw	3mm Blind Nut
----- 4	----- 4	----- 4
3X25mm Screw	4mm Nut	Linkage Stopper
----- 4	----- 2	----- 1
3X30mm Screw	4.2mm Collar	2mm Nut
----- 3	----- 2	----- 1
3mm Washer	4mm Washer	1.4X250mm Rod
----- 15	----- 4	----- 1
4X30mm Screw	3X3mm Screw	450mm Steel wire
----- 2	----- 3	----- 1
	Aluminium tube	
	----- 4	

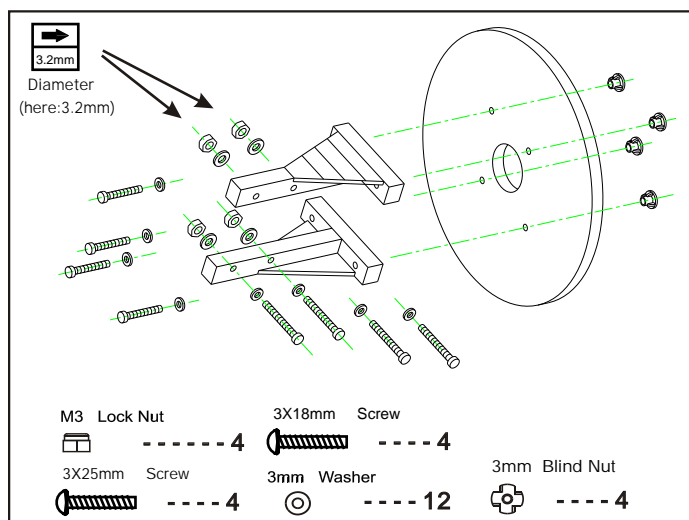
8 Engine Mount



6 Landing gear

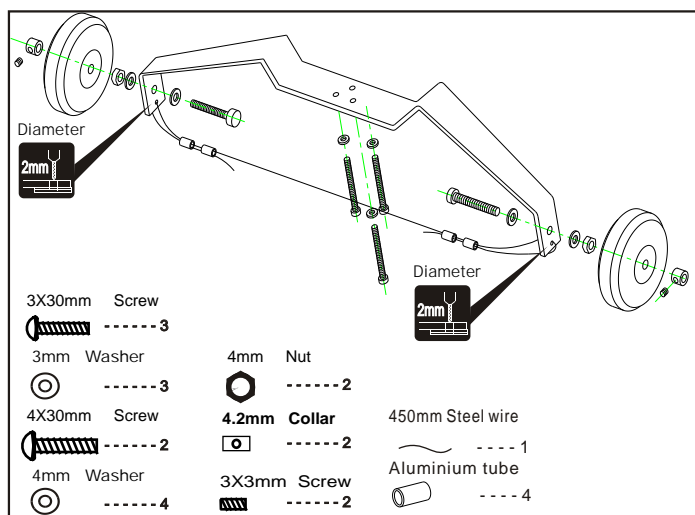


9 Engine Mount



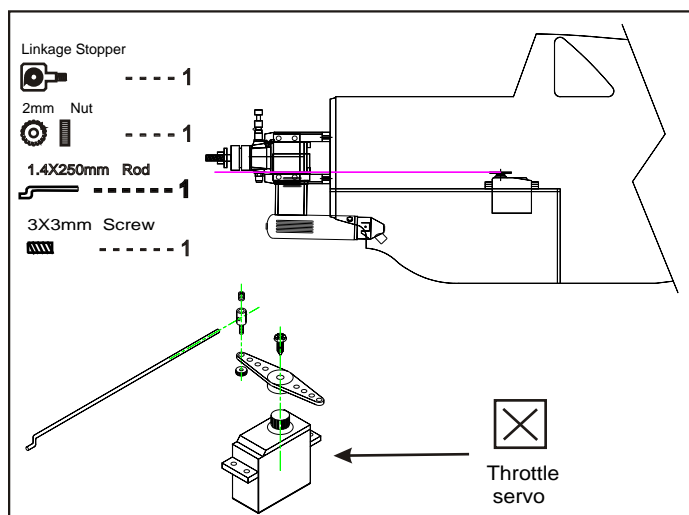
M3 Lock Nut	3X18mm Screw	
----- 4	----- 4	
3X25mm Screw	3mm Washer	3mm Blind Nut
----- 4	----- 12	----- 4

7 Landing gear



3X30mm Screw	4mm Nut	450mm Steel wire
----- 3	----- 2	----- 1
3mm Washer	4.2mm Collar	Aluminium tube
----- 3	----- 2	----- 4
4X30mm Screw	3X3mm Screw	
----- 2	----- 2	
4mm Washer		
----- 4		

10 Throttle servo



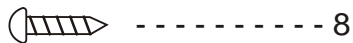
Linkage Stopper	
----- 1	
2mm Nut	
----- 1	
1.4X250mm Rod	
----- 1	
3X3mm Screw	
----- 1	

Throttle servo

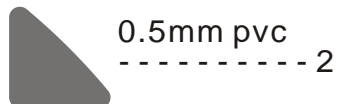
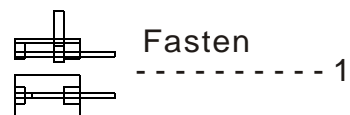
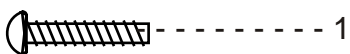


Accessory list for this page.

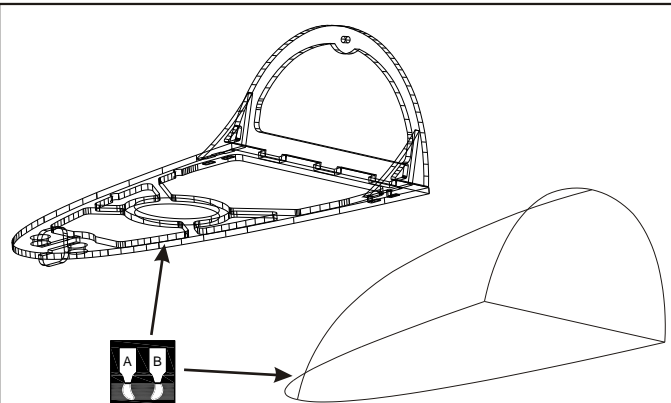
2.3X10mm Tp Screw



3X20mm Screw



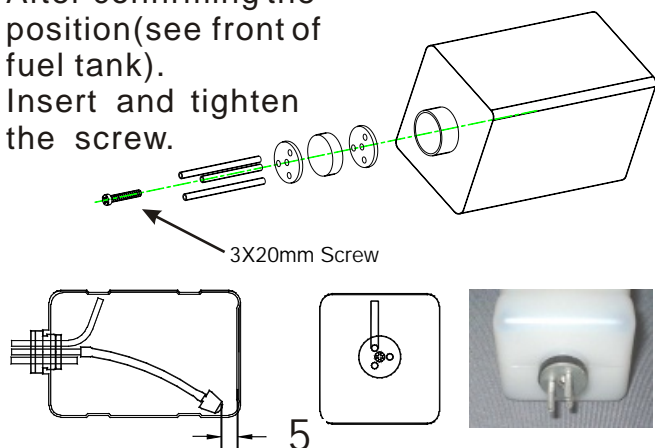
13 Canopy



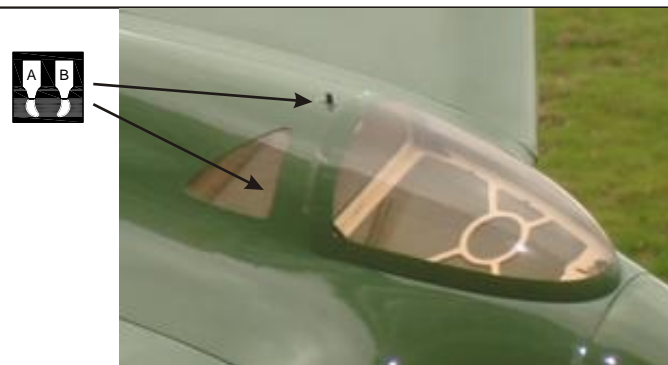
If you want to installing the aviator, after installing the aviator, glue the canopy.

11 Assembly of the full tank

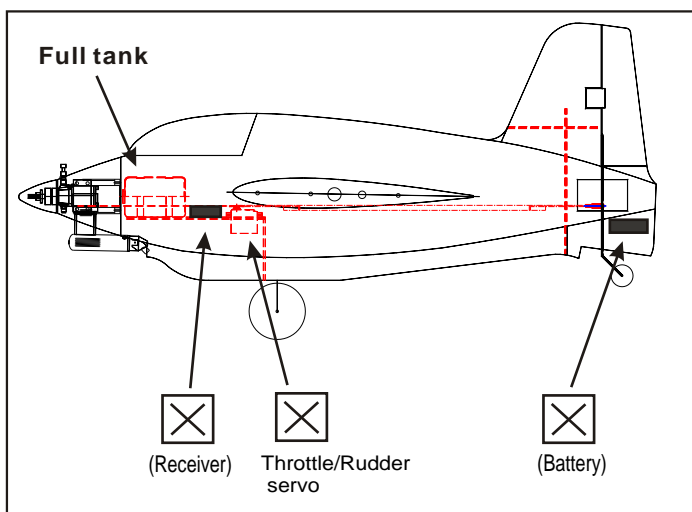
After confirming the position(see front of fuel tank). Insert and tighten the screw.



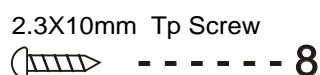
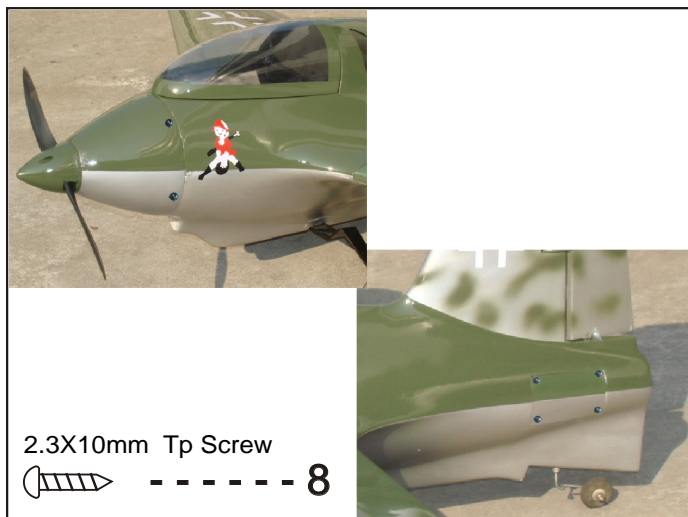
14 Canopy



12 Radio Equipment



15 Cowling

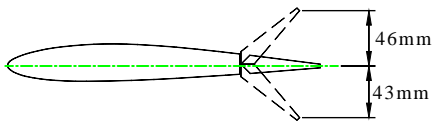


16 Adjustment.

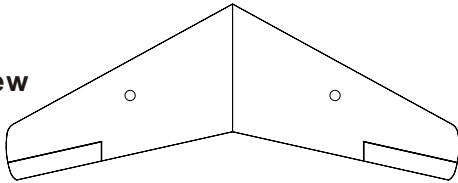
Adjust the travel of each control surface to the values in the diagrams.
These values fit general flight capabilities.
Readjust according to your needs and flight level.

AILERON

Side view



Top view

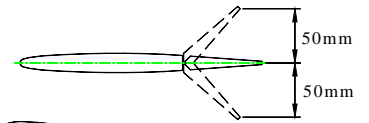


17 Adjustment

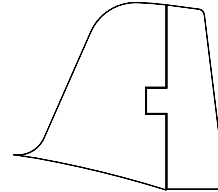
Adjust the travel of each control surface to the values in the diagrams.
These values fit general flight capabilities.
Readjust according to your needs and flight level.

Rudder

Side view

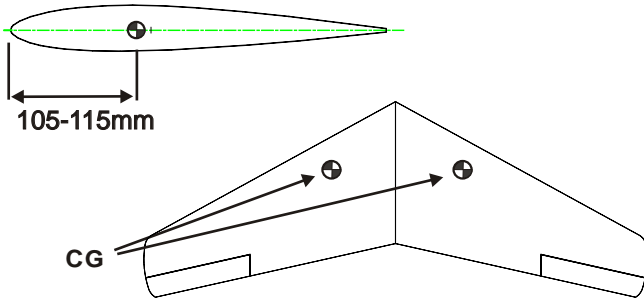


Top view



18 Adjustment.

Never fly before checking the Cg' s required position.
In order to obtain the CG specified ,reposition the
receiver and battery.



警告
Warning!

**NEVER fly the model
without well balancing.**

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