BGS technic

BGS 8867

Motorcycle Chain Tool Set

TOOLS

A	Tool body	**K**	Return spring for F2, G2, H2, I2, J
B	Main alignment bolt	**L**	Large anvil
C	Force screw	**M**	Small anvil with adjustable centre pin
D	Force screw T-bar	**N**	Flat anvil
E	Handle	**O**	Side plate clamp pieces
		P	Key for M
F1	Guide for **F2**	**F2**	Force pin 4.8 mm
G1	Guide for **G2**	**G2**	Force pin 3.8 mm
H1	Guide for **H2**	**H2**	Force pin 2.9 mm
I1	Guide for **I2**	**I2**	Force pin 2.2 mm
J	Rivet forming pin for hollow rivet pin	**Q**	Chain stretcher
		R	Chain clip fitting / removal pliers

GENERAL INFORMATION

This tool kit includes following 3 chain service tools:

- Pair of chain link clip removal pliers (**R**) that make removing and fitting the spring clips used on some smaller chains an easy job,
- Chain stretch tool (**Q**) that acts as a second pair of hands and holds the two ends of the chain together whilst the operator assembles the new split link
- Comprehensive chain link splitter and riveting tool for removing and fitting motorcycle drive chains and timing chains.

INTENDED USE

This tool kit is used to separate and connect chains. The included tools are suitable for smaller timing chains (pin diameter bigger 2.2 mm) up to large 630 drive chains. Note: When separating chains that are larger than 530, it is strongly recommended to remove the rivet head of the chain with a flex.

PREPARATION

Before using any tools from this kit, make sure that all press bolts and press pins are lubricated with oil or chain lubricant.

Instruction Manual

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SEPARATING CHAIN

1. Choose the appropriate Force Pin from (**F2**), (**G2**), (**H2**) and (**I2**) according to the diameter of the chain pin and fit the spring K over the pin as show in Fig 1.
2. Remove force screw (**C**) from the main screw (**B**) and fit the pin and spring as shown in Fig 1.
3. Refit force screw (**C**)
4. Fit appropriate size upper guide (**F1**), (**G1**), (**H1**), or (**I1**) as shown in Fig 1.
5. Fit the tool body handle as shown and assemble as shown in Fig 2.
6. Remove the tool and reassemble using the most suitable anvil (**L**), (**M**) or (**N**), the rivet forming pin (**J**) and return spring (**K**) fit the assembly on the chain as shown in Fig 6. Fit the assembly to the chain on the link to be broken as shown in Fig 3.
7. Wind in the T-handle to push out the pin, ensure the tool remains aligned. Only use the T-bar provided to provide the torque required to push out the pin.
8. Once the pin is fully pushed through the chain can be separated (Fig.4).

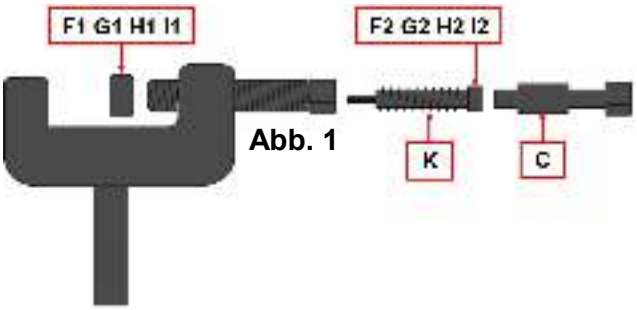
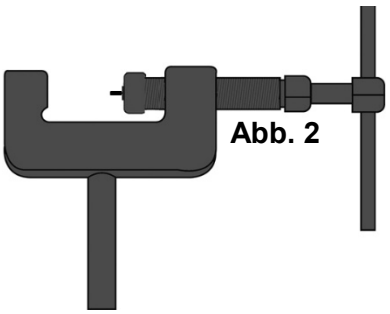


Abb. 1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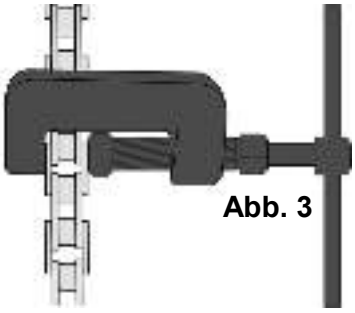
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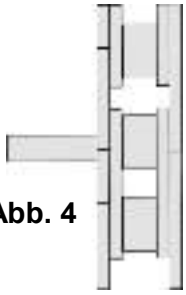
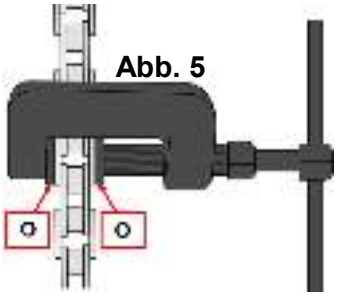


Abb. 4

CONNECTING CHAIN

1. Assemble the chain as described by the manufacturer.
2. If it is an “O” ring type chain ensure the “O” rings do not get jammed in between the side plates and pins of the link.
3. Remember to assemble the chain using the recommended grease.
4. Using the side clamp pieces (**O**) as shown below ensure the side plates are fully pushed onto the pins being careful to ensure the holes in the side plates are aligned with the pins. See Fig 5.
5. Remove the tool and reassemble using the most suitable anvil (**L**), (**M**) or (**N**), the rivet forming pin (**J**) and return spring (**K**) fit the assembly on the chain as shown in Fig 6.



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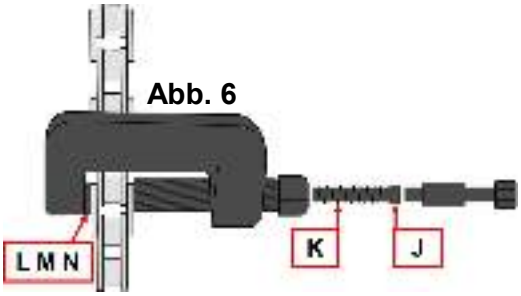

Abb. 6

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