KRAFTWERK®

FAVORITE TOOLS SINCE 1979

EN

Instruction Manual

Engine support



Art. 38130

Please read these instructions carefully to ensure the safe and effective use of this tool.

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⚠ **IMPORT:** PLEASE READ THESE INSTRUCTIONS CAREFULY. NOTE THE SAFE OPERA TIONAL, WARNINGS AND CAUTIONS.

USE THIS PRODUCT CORRECTLY AND WITH CARE FOR THE PUROSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY, AND WILL INVALIDATE THE WARRANTY.

PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

Safety instructions

√ Ensure that the engine support is in good working order. Take action for immediate Repair or replacement of damaged parts. Use genuine parts only. The use of unautho Rised parts may be dangerous and will invalidate the warranty.

√ Locate the vehicle in a suitable, well lit work area.

√ Keep work area clean and tidy and free from unrelated materials.

√ Ensure the vehicle handbrake is engaged and the engine/motor is switched off.

√ Ensure all non-essential persons keep a safe distance whilst the engine support is in use.

× **Do not** use the engine support if damaged.

× **Do not** allow untrained persons to operate the engine support.

× **Do not** use the engine support for purposes other than that for which it is designed.

× **Do not** exceed the rated capacity of the engine support.

√ When not in use, store engine support in a safe, dry, childproof area.

INTRODUCTION& SPECIFICATION

2.1. Designed to support and accurately position engines during maintenance operations such as replacing anti-vibration mountings and certain body panels. Also used as an aid for the removal of gearboxes and transmissions. Beam supported on rubber feet and fine adjustment control is obtained by using double screw/hook mechanisms. supplied with two short lengths of chain.

2.2. Maximum capacity: 500 kg
Maximum Width: 1480 mm
Minimum Width: 730 mm
Screw travel: 260 mm
Weight: 22 kg

ASSEMBLY INSTRUCTIONS

Note: numbers in brackets refer to item numbers shown in fig.1

3.1. Lnsert a foot (5) into the slot in the standing block (4). Align the holes in the two components and join them together using an M10 x 30 bolt (10).

3.2. Place a large washer (8) over the upstanding rod on the standing block(4) and insert the rod through the slot in the main support guide from underneath. Place a large washer (7) over the thread on top of the rod and secure the assembly to the main support guide by screwing on a grip knob (6) as shown in fig.1. Assemble the other foot/standing block and fix the assembly to the other end of the main guide beam in the same way.

3.3. Drop a large washer (8) over adjustable screw (3) and screw lifthandle (2) onto the top of the adjustable screw. Screw the lift handle approximately half way down the threads. Make up the second adjustable screw in the same way and have both assemblies ready to drop through the slot in the main guide beam after the beam has been placed over the engine bay.

3.4. The chains should also be attached when the guide beam is mounted over the engine.

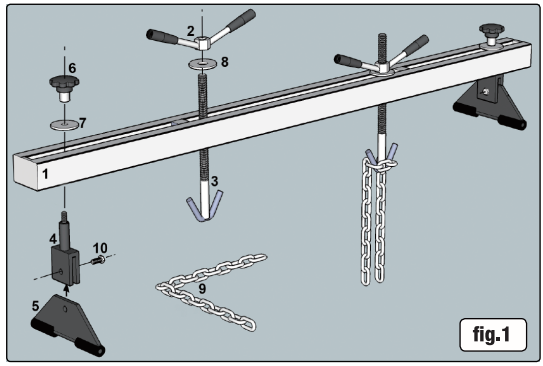


fig.1

PART LIST

No.	Description	QTY
1	Beam	1
2	Lifting handle	2
3	Adjustable screw	2
4	Standing block	2
5	Foot	2
6	Grip knob	2
7	Washer 13mm Internal Ø	2
8	Washer 22mm Internal Ø	2
9	Chain	2
10	M12X40 Bolt & Washer 12mm & locknut	2

OPERATION

4.1. The fully assembled support beam is very heavy and should be lifted into place by two people.

4.2. Loosen the grip knobs (6) to allow the assemblies to slide and then locate the rubber feet into the Gutters of the vehicle's front wing panels or close to the suspension strut towers.

Note: Refer to the manufacturer's handbook to identify engine lifting brackets.

4.3. Drop the adjustable screw assemblies through the slot in the main beam in positions adjacent to the engine lifting points.

4.4. Attach the ends of the chain to the lifting brackets on the engine.

4.5. The chains may be attached to the lifting hooks in a single or looped chain configuration.

4.6. Lower the adjustable screws and hook the chains around the hooks. In all cases ensure that at least one link of the chain is hooked over the lifting hooks.

4.7. Tighten both grip knobs (6).

4.8. Progressively rotate the lifting handles (2) clockwise to tighten the chains and support the engine.

4.9. On completion of the maintenance task, rotate the lifting handles anticlockwise to release the tension on the chains.

4.10. Unhook the chains, loosen both grips (6) and remove the engine support from the vehicle.

4.11. Remove the chains from the engine lifting points.

WARRANTY
We do not take responsibility for any damage caused by misuse or any use that is not in compliance with the safety standards described herein.

Customer services
Contact your local importer of your specialized dealer to obtain address of your service department.
You find our partners under **www.KRAFTWERKtools.com**

From date of purchase receipt

2 YEARS GUARANTEE

on material- or production-defects

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