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draaier |

Art.-No. 01725

12V impact wrench with preset torque control
Item No. 01725

User Manual

Intended purpose

The screwdriver is used for loosening bonded or overtightened screws, bolts and nuts, especially wheel nuts. The digital torque control allows any torque level between 80 and 340 Nm to be preset, setting the force with which the nut or bolt is automatically turned.

Usage instructions

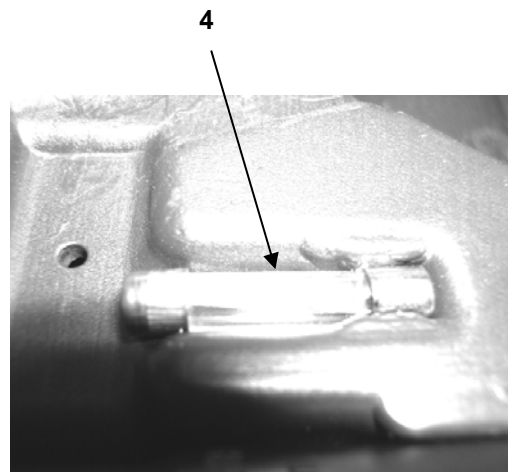
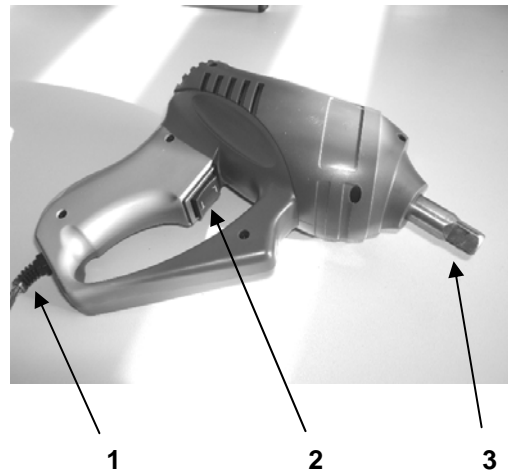
- Before you use the wrench, check that the vehicle is secured against rolling away and is supported on blocks or jacks.
- Do not use the wrench if there are persons in the vehicle. Make sure that the handbrake is engaged.
- In vehicles with automatic transmission, set the gear lever to "P".
- Follow the instructions of the manufacturer on jacking up the car.

Safety precautions

- Keep your wrench away from moisture.
- Only use a 12V DC power supply for your wrench.
- The cigar lighter socket should be protected by a fuse of at least 15A if it is to be used to supply power to the wrench.
- Do not use the wrench for longer than 8 min to prevent the motor from overheating.

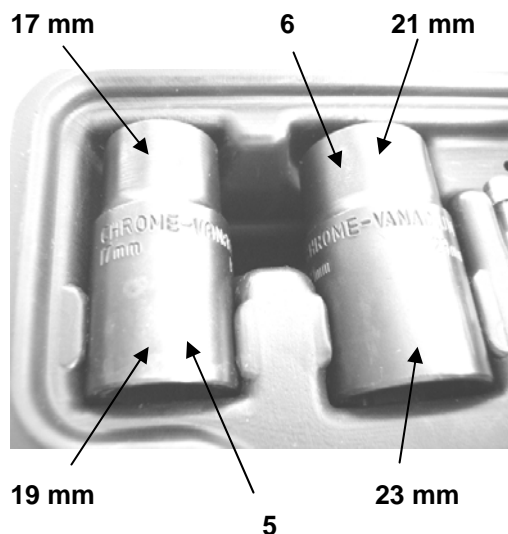
Description

1. Connector lead
2. On-off and clockwise/anti-clockwise switch
3. 1/2" socket drive
4. Replacement miniature fuse, 15A
5. Socket bit, 17/19 mm
6. Socket bit, 21/23 mm



Technical data

Voltage	12V DC
Torque (max)	approx. 340 Nm
Lead length	approx. 3.6 m
Sockets	CV steel



- Plug the cigar-lighter europlug into the cigarette-lighter socket.
- Select the appropriate socket and attach it to the square drive on the wrench.
- If applicable, remove any dust caps or similar from the wheel nuts and fit the socket onto the wheel nuts or bolts.
- Switch the wrench on by pressing the on-off switch on the left or right-hand side (L=loosen, T=tighten). You will here from the sound the motor makes that the wrench is building up torque, which it then releases on to the nut in one go. The increasing torque increases its loosening power with each "hit", and the nut can finally be removed using your fingers.
- Repeat the procedure with all nuts until you can remove the wheel.
- Fit the new wheel, and make sure that the holes in the rim match up to the drilled holes on the hub.
- First tighten the wheel nuts until they are finger-tight.
- Place the socket on the nuts and switch on the wrench by pressing the right-hand side of the on-off button.
- Once the >->-> symbol appears, the nuts are sufficiently tight.
- Immediately check the tyre pressure if you have mounted a spare wheel.
- Exercise care when mounting light alloy wheels with the wrench. First, check that the torque on the wrench matches the manufacturer's recommended level.

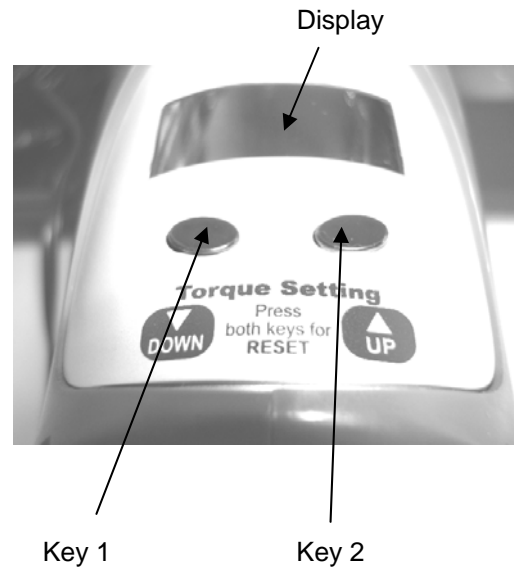
Torque display and setting

Your vehicle wrench has an electronic control system that allows you to set the torque. The torque level set is shown in a three-digit display.

Once the present torque has been reached, a flashing < will appear. Press key 2 to increase the torque set per press. Key 1 lowers the torque by each press.

Press keys 1 and 2 together to reset the torque to zero. The display will show one of the following readings:

000->80->110->130->140->150->160->170->180->190->200->210->220->230->240->250->260->270->280->290->300->310->320->330->340->000



Selecting the torque to be reached from 0 to 340:

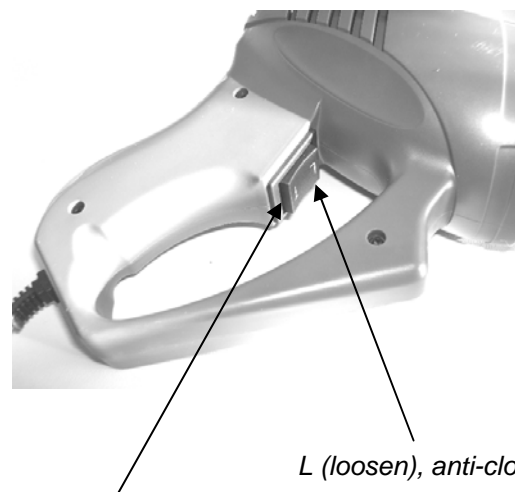
Key 1 and 2 together: Reset torque

Key 1: - 10 Nm

Key 2: + 10 Nm

> > > means that the torque has been reached.

Clockwise and anticlockwise turning direction



T (tighten), clockwise

Changing the miniature fuse



Replace the miniature fuse with the replacement provided by unscrewing the base contact to the europlug. After replacement, screw the base contact on again.

Full two-year guarantee

The guarantee period for your vehicle wrench begins on the day of purchase. Please supply proof of the day of purchase by sending in the original receipt.

During this period, the guarantee covers the following:

- Free removal of any faults.
- Free replacement of defective parts.
- Including free expert service (free assembly by our experts)

This guarantee is conditional upon the fault not being the result of improper handling. If you have any queries or problems concerning quality, please contact the manufacturer:

Brüder Mannesmann Werkzeuge GmbH
 Abt. Reparatur-Service
 Lempstr. 24

42859 Remscheid, Germany

Tel.: +49 (2191) 37 14 71
 Fax: +49 (2191) 38 64 77



Discarding old electrical tools – environmental protection

- If your tool has been so heavily used that it has become worn out and has to be replaced, or you have no further use for it, you must turn the electrical tool in at a central recycling centre for disposal.
- Please contact your community waste collection service or local authority to find out where you can hand in your tool for recycling.
- Electric tools contain valuable raw materials that can be recycled. You will contribute to recycling valuable raw materials by handing your tool in at a central waste disposal centre.
- Electric tools also contain substances that may be harmful to the environment and humans if disposed of inappropriately.
- The no-go sign with the dustbin means that you



have a duty to take that article with the sign to be recycled by a separate waste collection facility for electrical and electronic equipment (Appendix IV).

Ask your BRÜDER-MANNESMANN dealer for details..

DECLARATION OF CE CONFORMITY	
We assure under our own responsibility that this product described herein complies with the standards or standard documentation according to the regulations of the following directives:	
90/27/EEC, 89/339/EEC (EMC), 73/23/EEC	
 Klaus Martens (Purch. Dept.)	 05.08.2005
BRÜDER MANNESMANN WERKZEUGE GMBH	
LEMPSTR. 24	42859 REMSCHEID, GERMANY
POSTFACH 160106	42830 REMSCHEID, GERMANY