

Ken-Tool® Torque Master™

Use of Torque Master Sockets may prevent:

- Over-tightened wheel nuts • Distortion of wheels, drums, and rotors • Customer call backs • Wheel vibrations
- Difficulties in removing wheel nuts • Damaged or broken studs • Damage to alloy wheels • Brake pulsation

TORQUE STICKS AND EXTENSIONS

- Do not use to remove lug nuts
- Do not touch the torque stick or extension when using it with an impact wrench

How they work: Our torque sockets convert any impact gun into an instant torque wrench by bleeding torque off the impact gun. The length and diameter of the torque socket shaft determine how much torque is allowed to reach the wheel nut. These sockets work by eliminating impact gun torque.



Torque sockets and truck torque extensions cannot be used to take wheel nuts off. Calibrate your impact gun and follow all manufacturers recommended procedures when using Torque Master products. Do not touch the torque socket or truck torque extension once it is placed on the wheel nut and the impact gun has been turned on, until the wheel nut is sufficiently torqued and the impact gun is turned off.

Calibrating your impact gun:

Our torque sockets are calibrated to an impact gun of 250 ft./lbs. with 90-100 lbs. of air inlet pressure. Since most shop impact guns vary from 100 ft./lbs. to 600 ft./lbs. with air inlet pressure all over the dial, a simple calibration must be performed so torque accuracy will be uniform with whichever torque socket you will use.

Calibrate your impact gun to the following instructions, note and set your gun dial to the proper setting each time you use your torque sockets, and torque settings will be within plus or minus 5 lbs. every time.

1. Tighten a wheel nut with one torque socket (for example try a 100 lb. socket).
2. Test the torque setting of the nut with any torque wrench (preferably a dial indicator type).
3. If the nut is at a reading above 100 lbs., turn the impact gun dial on the side of the gun down one notch.
4. Repeat the above procedures until the wheel nut and the torque socket and the torque wrench are in synch, plus or minus 5 lbs. of the 100 lb. socket. Your impact gun is now calibrated for any socket you choose.
5. Each time you use a torque socket, remember to set your impact gun dial to the proper setting on the side of the gun.
6. As long as you do not change the air inlet pressure, this dial setting will always be set for which ever torque socket you choose.

⚠ WARNING

If you don't know how to use tire changing tools - STOP!
Tire changing should only be done by trained persons.
If you do it wrong, you could be hurt or killed.

Here are some safety rules.
For complete tire servicing procedures, read the tire and rim makers' service manuals.

USING TIRE TOOLS

Always wear eye protection when servicing tires and wheels and whenever using hand tools.
Always use soft-faced hammers when driving tire irons.
Never use one hammer to strike another hammer.
Never use a hammer with a loose or cracked handle.
Never use a dented, cracked, chipped, mushroomed, or deformed tool.
Never use a tire tool for anything except mounting or demounting tires.

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