

EASY SOLUTIONS BULLETIN



Torque Key vs Torque Gun: expert tips and trouble tracing

Applying correct torque values ensures a precise fitment of your steering and suspension parts.

A torque value is the applied turning force when tightening a nut or bolt. When carrying out steering and suspension repairs always follow the torque values recommended by the OEM in order to ensure an accurate replacement.

MOOG recommends using a manual torque wrench for correct instalment.



Do use a torque wrench such as a dynamometric key for the correct method for fixing the part.



Don't use a torque gun: you risk damaging and/or a reduced performance of the parts.

Challenge

Using a mechanical torque gun can be often favoured by mechanics to save time, however if the correct tool is not used when applying a torque value then it can damage the part being installed to the vehicle. A mechanical torque gun is a very powerful machine and reduces the amount of feel an installer has when installing the part.

Using a torque gun runs the risk of several problems:

- Pierce the turning thread
- Bearing damage
- Ball pin is drawn too deeply within the housing

Easy Solutions

You should **always use a torque wrench to fit steering and suspension parts**. A torque wrench allows for more precise accuracy when installing MOOG parts and gives the mechanic a controlled torque.

Nuts and bolts can also be subject to wear and rust so should always be replaced, and the tightening of bushes should always be done **when the vehicle is at normal ride height**.

Also when **performing a wheel alignment procedure** after remounting the wheels, we recommend to use a torque key instead of a torque gun.

