

Torque Wrench 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 correct torque values recommended by the OEM in order to ensure accurate replacement.

MOOG recommends using a manual torque wrench for correct instalment.



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 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:

- Cross threading of bolts and nuts
- Bearing damage
- Ball pin is drawn too deeply within the tapered hole
- Damage to cross members and mounting points

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. Final tightening of suspension bushings should always be done when the vehicle has been settled at normal ride height and before the wheel alignment.

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

