

Bulletin BPI 06-14

Subject: Torque limiting sockets (torque stick)

Vehicle Involved: all

Condition: The use of torque limiting sockets (torque stick)

Repair Procedure: Cautions to be aware of when using torque limiting sockets

1. Never use a hand wrench (eccentric wrench) as this will cause the sockets to break. You should only use a pneumatic (impact) wrench. Improper use of the sockets will void any warranty and may be dangerous.
2. To insure accuracy, line pressure should be maintained at 100psi
3. Determine torque specification for the vehicle you are working on from the service manual.
4. Select the proper socket that fits the lug nut and matches the specifications.
5. Safety goggles should be worn when working in the shop area.
6. Torque limiting sockets should be used to only tighten wheel lug nuts.
7. Be sure the plastic lug nut covers are off the lug nuts, and that the lug nut is inserted all the way into the socket.
8. Do not touch the socket while in use, since this will dampen the absorbing properties of the shaft and over tighten the nut.
9. Do not use a pneumatic wrench that produces over 250 ft. lbs.
10. Never use the socket to remove lug nuts.
11. Always use the torque limiting sockets the way they are intended.

