

# 1/2" DR 5 PC TORQUE LIMITING POWER EXTENSION SET



PROD. NO. 682961 MOD. NO. JTLE-5S

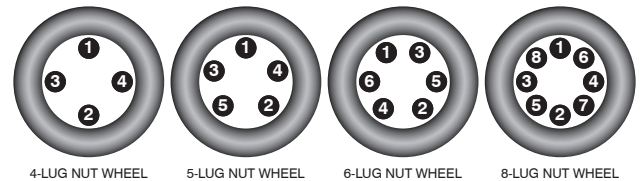
Thank you for purchasing JET Torque Limiting Extensions. Used correctly with a properly calibrated air impact wrench they will give you many years of trouble free service. Before working with these extensions, read and know the following safety and operation instructions.

## INSTRUCTIONS

In order to obtain accurate torque the following procedures must be followed. Failure to follow these procedures and all safety warnings may result in injury or death. Only those instructed in the safe and proper use of impact wrenches and torque limiting extensions should use this product.

- **DO NOT** use torque limiting extensions for removing lug nuts.
- Select the appropriate extension and attach the appropriate socket.
- For correct extension to use see vehicle owner's manual or contact a dealer for the correct lug nut torque.
- Allow the extension to tighten the fastener completely.
- **DO NOT** stop before fastener stops moving completely.
- **DO NOT** tighten beyond where the fastener visibly stops turning.
- Failure to follow this procedure will result in inaccurate results.
- When tightening, follow the lug nut patterns to the right.

### Wheel Lug Nut Torque



## CALIBRATING YOUR IMPACT WRENCH

Use a 1/2" drive impact wrench rated at 250 ft/lbs running at 90 – 110 psi of pressure at the inlet.

1. Tighten fastener with one extension, for example 80 ft/lb.
2. Measure the break away torque in the tightening direction with a dial type torque wrench. If reading is above 80 ft/lbs, turn impact wrench down one setting.
3. Repeat until the fastener, extension, and torque wrench are in sync. Your impact wrench will now be calibrated for any of the other extensions.
4. Repeat above procedure any time you change air lines or compressor, or change or service your impact wrench.

### **WARNING!**

**DO NOT** exceed 90 – 110 psi operating pressure at the tool inlet.

Check line pressure at the inlet before each shift.

Failure to use correct line pressure may result in fracturing of the extension.

Flying metal fragments can be dangerous or deadly.

**DO NOT** use an impact wrench exceeding 250 ft/lbs.

**DO NOT** hold on to extension while in use.

**DO NOT** run extension when off the fastener.

**DO NOT** use extension for removing lug nuts.

Always wear safety goggles, face, hand, and body protection.

Always follow manufacturer's specification for lug nut torque.

Always make sure all wheels, lug nuts, studs, and mounting surfaces of the hub are free of damage and dirt. Use a wire brush to remove all dirt and rust and replace all worn or damaged parts. After running the vehicle a short distance check all lug nuts for correct torque.

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