MAC TOOLS®

DataTorq

A BREAKTHROUGH IDEA IN TIRE SAFETY

ANOTHER INDUSTRY FIRST!

Precision controlled torque in an easy to use, free standing unit. The power of an impact tool optimized for productivity and control. DataTorq delivers accurate and reactionless high-speed performance across a range of wheel types and specifications.

PRODUCTIVITY

- Improves Operational Productivity by:
  - No hand torqueing
  - Eliminates torque sticks
  - Eliminating the need for click wrenches
  - All tightening, snug & final torque, can be performed while vehicle is still in the air
- Saves 4-6 minutes per vehicle more on trucks and busses

PROOF OF WORK

- Automatically Documents Process
- Full documentation – Data on labels includes:
  - Time & Date stamped
  - Target torque for wheel
  - Torque results from each lug
  - Calibration Due Date
  - Location for License plate number
  - Location for Mechanics signature
- Labels print only UPON COMPLETION

IMPROVE FIRST PASS QUALITY

- Controlling lug nut torque
- Counting lugs – ensures job completion
- Evenly tightens wheel – prevents loosening
- No rotor warping damage – due to over tightening
- Eliminate overstretched studs – due to over tightening
- No more custom wheel damage due to over tightening

PROCESS CONTROL

- Torque control - no missed lugs
- Two-stage torque process ensures even tightening

CUSTOMER SAFETY

- Wheels stay on the vehicle
- Better braking - flat brake rotors

FOR INCREASED SAFETY AND PRODUCTIVITY, THE MODERN TIRE SHOP OR VEHICLE REPAIR SHOP NEEDS TO ENSURE THAT WHEEL LUGS ARE TIGHTENED BOTH EVENLY AND TO THE CORRECT TORQUE LEVEL.

Even the best current procedure requires two steps:

1. Snug the lugs with an impact gun using a torque limiting stick
2. Lower the car to the ground, and then use a torque wrench on each lug.

This is a time consuming, labor intensive process that leaves the Owner, Manager and Customer still not knowing if the job has been done right or done at all.... and 1000 ft/lbs of "nut busting torque" is not the answer.

Most lugs get over-tightened by the impact tool before a torque wrench ever touches them. With Clicker type torque wrenches, techs can seriously over-tighten lugs because they don't stop pulling when the wrench clicks.

Add distractions, tech turn-over, limited training resources and the critical job of tightening lug nuts properly often gets overlooked. This can spell disaster in terms of safety and high rework costs.

The time has come to address this problem; DataTorq is the answer. A breakthrough safety idea in wheel fastening technology.

DataTorq is easy to program and easy to operate, step by step instructions walk you through the set-up to prevent mistakes. No complex computer program or networking is required. The tire tech selects the torque, number of wheels and lugs and runs the job.

PROOF OF WORK

WHAT IS DataTorq?

- A battery powered computer controlled air tool for servicing wheels …
- A closed loop system where the tool and controller work together
- Transducer impact for optimal ergonomics and productivity
- Controller with integrated printer and optional integrated networking
- High strength polyurethane coiled air hose with integrated cable
- Cart with standard car battery (not included) designed to tip instead of crush
- Optional anti-mar and anti-wobble color coded sockets
- Annual calibration exchange: tool, memory chip, sockets

DataTorq Auto

Auto/Light Truck Up To 160 ft./lbs

DataTorq Truck

Medium-Duty Truck Up To 500 ft./lbs.

DataTorq Heavy-Duty

Heavy-Duty Truck Up To 1,100 ft./lbs.

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Part #	Torque Range	Free Speed	Overall Length		Weight		NPT Inlet	Output Drive
	ft./lbs.	RPM	in.	mm	lbs.	kg	in.	in.
ADT008	55-165	7800	9”	228.6	6.2	2.8	1/4”	1/2” sq
ADT007	200-500	5500	18-7/16”	468	15.8	7.2	3/8”	3/4” sq.
ADT006	300-1100	4500	19-1/8”	487	26.0	11.8	1/2”	1” sq.

*Torque range is approximate and will be affected by joint rate, extensions and socket condition

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