

## TORQUE TOOL & CONTROLLER REPAIR

Paragon Technologies has the ability to repair and test DC torque tools (nut runners) and their associated controllers. Each tool is completely rebuilt and tested with the matching controller. Calibration and repair reports are supplied with each unit upon successful closed-loop testing. The controllers are each dynamically tested with the nut runner tool and measured / calibrated on a torque angle stand. All documentation is traceable to NIST standards.

### Atlas Copco

EBL, ETD, DS, ETO DS, ETP SL, ETV, ST, EP, ETDS, ETO S, ETP ST, ETX, ETC DS, ETD ST, ETP DL, ETV DL, IRTT, ETC S, ETF DL, ETP DS, ETV, DS, LMD, ETD DL, ETF SL, ETP S, ETV S, LMK, LMP, LMV, LTC, LTD, LTO, LTP, LTPV, LTV, LUD, LUF, LUM, QRTT, QMX

### Controllers

All Power Focus controllers  
Tensor S / DS / ST / SL / DL  
PF2101, PF3000, PF3100, PF4000  
All Power Macs  
TC52P, TC54P, TC52S, TC54S, PBU

### Testing Equipment

ACTA 3000 & 4000, IRTT, TT10

### GSE (CP Tech-Motive)

277, 104, 111, 116, 37, 46, 50, 52, 54, 55, 56, 57, 66, SD25, ECA, ECD, ECL, ECLA, ECP, EM, EML, ER, ERA, ERD, ERP, CVIP, MC, MCL

### Controllers

CS4746, CS4700, CS7000, CVI II, CVIP - Plug & Tighten, CVIC, CS2700, CS4000, CS400, CS40, CS50, CS2000

### Testing Equipment

Data-Stat 290



### Cooper Cleco

17EA, 47EA, 67EA, 17EP, 47EP, 17ES, 47ES, 67ES, B17ES, B17EA, 47EC, 47ET 17B, 47B, TCM, 2, 14, 8, 88, 35, 5, 24, 34, 45, 55, 75, 64, PH, PTH, STH, 11, 120, 135, 136DL, 14

### Controllers

TMEB, TMEM, TME, TMEC, TMEI

### Test Equipment

P2 & P-15 Torque Analyzers  
TVP-100 Series Torque Verifier  
TA4 Torque Analyzer  
DA Dial Indicating Torque Wrenches

### Ingersoll-Rand

QE, QM, DEA, DEF, 1,Q2, 20, 41, 50, 0,000, 5, 7, QA4, QA6, QA8, 9, ETW, VersaTec,

### Controllers

IC1G, IC2G, IC1D, IC1M, PD, PFSI, TMAD

### Test Equipment

QC Qualifier  
YETC-200  
ETA2 Torque Analyzer  
ETA5 Torque Analyzer  
ETT Torque Tester



### Rotor Tool

AR, BS, EM, EMR, ES, ER, M100, M101, M52, M54, MT, N100, N101, N52, N54, NSW, S100, S22, SE, SW, TA

### Controllers

Tork-Trak  
R-Tec



### Stanley Tool

A30, A32, A33, A40, A50, F50, D30, F3, PE, A30M, A3MFCT, A32MFOCT, A40M, E20, E24, E30, E40, EF, M30, M40, W30, W40, QPM, Pistol - E02PB-E34PB

Lever - E12LB - E55LB, EA23LB - EA34LB  
E12LA - E55LA, EA23LA - EA34LA

Crowfoot - E12LC - E45LC, EA23LC - EA34LC

TubeNut - E12LT - E44LT, EA23LT - EA34LT

Hold & Drive - E34LH - E55LH

Straight Motors - E12LP, E23MB-E55MB, E23MBF - E55MB5F

Offset Motors E23MDF - 55MD3F

Angle Motors E33MA18 - 55MA32  
E33MA18F - E55MA32F

### Controllers

Alpha, Gamma, Delta, Sigma, Kappa, Omega, T8000, Beta Tech



### Gardner-Denver

H16, H30, 41, 60, 1B, 2B, 3B, EDA, EDR 16, 42, 46, 35, 22, 20, 55, 90, 130, 50

### Controllers

M-PRO 91, 92, 93, BLS



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