



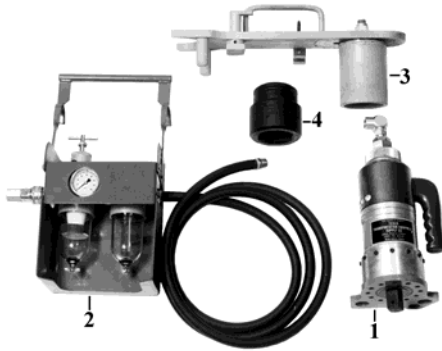
Transporation Equipment Supply Co.

8106 Hawthorne Drive - Erie, PA 16509

www.tescotools.com

T50031

Pneumatic Torque Kit for Cylinder Crab Nuts - EMD Engines



This kit was developed to ease the job of torquing EMD crab nuts and to provide accurate torque results.

Also available is the T23601 1 1/2" square drive torque verifier which allows auditing performance of the T16051 air motor.

The verifier is certified +/- 3% accurate throughout its range which is 0-2,500 lb.ft.

- 1 [T16051](#) Air Motor +/- 5% Accuracy
- 2 [T50041](#) Air Control Kit
- 3 [T50051](#) Reaction Arm
- 4 [T50061](#) Socket

T50032

Pneumatic Torque Kit for Cylinder Crab Nuts - EMD Engines



This kit was developed to speed removal and torquing of EMD crab nuts. The torque motor is rated at 3200 lb.ft. and the reaction bracket pick up is slotted to allow 22 1/2 tilt in either direction, which eases placement of the torque motor on the top or bottom crab nut. The torque motor is then positioned by using an overhead crane or jib hoist. To obtain 2400 lb.ft. torque, run the torque motor with no load and set the regulator to the pressure indicated on the tag located on the barrel of the torque motor. At this pressure setting, the torque motor will stall at 2400 lb.ft.

- 1 [T16051](#) Torque Motor
- 2 [T50032RB](#) Reaction Bracket
- 3 [T50041](#) Air Control Kit
- 4 [T50061](#) Socket

T50213

Compression Tester - Individual Tester for EMD Engines



Compression Testers

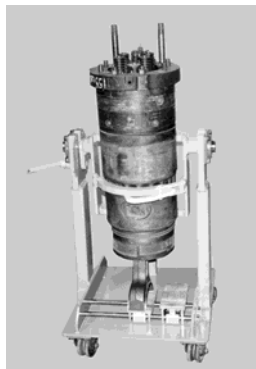
Presently over 20000 of these testers are in service around the world and represent an outstanding product. Through their use, customers can very quickly determine faulty cylinders. They have virtually eliminated earlier blow-by test procedures. Complete instructions are included.

Individual Testers

T13683 Compression Tester - GE
T50213 Compression Tester - EMD
T50023 Compression Tester - ALCO

T50451

EMD Power Assembly Service Cart



This tool is used in power assembly rebuild shops and can be rotated 360 degrees. Every 90 degrees provides for locking. For additional information contact TESCO.

T50970

Heavy Duty Cylinder Head Puller for EMD Engines



This puller was designed to pull the most stubborn heads. It incorporates Grade 8 jacking screws, heat treated flange nuts and collars. It has also been structurally improved over pullers commonly used.

T50970B

Bolts for T50970 EMD Heavy Duty Cylinder Head Puller



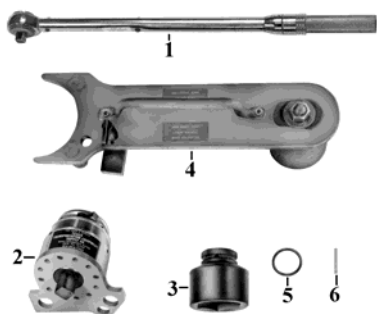
T50980

Compression Tester Set - Set of 8 Testers for EMD Engines



T54101

Manual Cylinder Crab Nut Torque Kit for EMD Engines

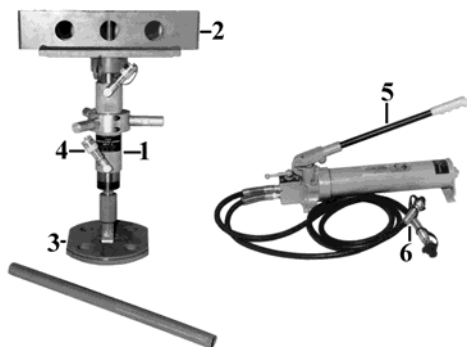


This kit features a 25:1 torque verifier with a 1 1/2" square drive rated at 2,500 lb.ft. torque. Accuracy is certified to +/- 3%, and the verifier is equipped with an anti-wrap up feature that traps all input motion of the torque wrench. 2,400 lb.ft. crab nut torque is accomplished by inputting 96 lb.ft. of torque with the ratcheting 1/2" drive torque wrench. The reaction arm is placed on the adjacent crab nut to react the torque applied by the verifier.

- 1 [T22520](#) 50-250 lb. Ft. 1/2" drive Torque Wrench
- 2 [T23601](#) Torque Verifier (1 1/2" sq. drive)
- 3 [T50061](#) Socket (1 1/2" sq. drive)
- 4 [T50051](#) EMD Reaction Arm
- 5 [T13030](#) O-Ring (1 required)
- 6 [T13020](#) Retaining Pin (1 required)

T54771

Cylinder Lower Liner Seal Remover and Intaller Kit for EMD Engines



This tool was developed to remove and install cylinder lower liner seals with a single tool placement. It is accomplished with a dual action ram and wobble plate assembly. The tool is installed in the cylinder bore, by rotating the wobble plate and extending the ram. The wobble plate can be placed under the liner seal. Reversing the ram will pull the liner seal out. A new liner seal is then placed in position for installation and the ram direction reversed. This will accommodate installation. Our T57170 "C" Frame Manipulator can be used with the power assembly attachment to install and remove this puller. This unit now includes an extension to accommodate the deeper bore in a 710 engine. The electric powered version is no longer available.

- 1 [T54770R](#) Ram
- 2 [T54770TA](#) Top Assembly
- 3 [T54770WP](#) Wobble Plate Assembly
- 4 [T54770FC](#) Female Coupler Ends (2 required)
- 5 [T54770P](#) Hydraulic Pump
- 6 [T54770HA](#) Hose assembly with Male Coupler Half (2 req.)

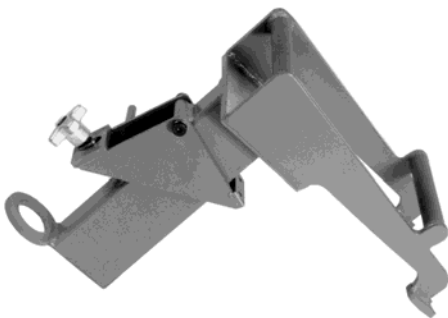
T54771E-1

Ram Extension for T54771



T54840

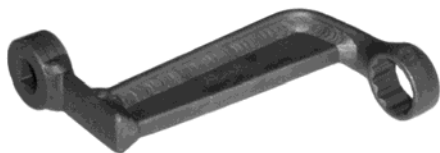
EMD Power Assembly. Horizontal Lifter



T55450

EMD Exhaust Stack Wrench (1/2" Sq. Drive x 15/16" 12 Pt. Box End)

The T55450 Exhaust Stack Wrench is equipped with a 1/2" square drive and a 15/16" 12 point box end. The angle allows the wrench to escape the exhaust manifold interference.



T55450-7/8

EMD Exhaust Stack Wrench (1/2" Sq. Drive x 7/8" 12 Pt. Box End)



T55451

EMD Exhaust Stack Wrench 4-1/4" Long (1/2" Sq. Drive x 15/16" 12 Pt. Box End)



T57200

Power Assembly Lifting Adapter for "C" Frame Manipulator - EMD Engines

EMD Power assembly adapter shown here mounted to the "C" Frame Manipulator



T57200-9

EMD Power Assy. Adapter for GP-9



T57211

EMD Power Assembly Break Loose Jacking Tool



FOR SAFE OPERATION: This power assembly jacking tool must be used prior to power assembly removal when using the "C" Frame Manipulator. This tool is screwed into the power assembly head using the two 3/4"-10 captive screws provided. The nuts on the top of the frame should be evenly tightened using the special deep well socket provided. This tool is intended to slowly and safely jack the power assembly free of the crankcase prior to assembly removal.

T57211B

Bolt for T57211 EMD Power Assembly Break Loose Tool



T57870-115V

Hydraulic Cylinder Crab Nut Wrench - 115 volt - EMD Engines



This wrench is equipped with a 1 1/8" hydraulic powered electric driven 9,000 PSI power unit, 25 feet hose assembly, wrench head (adjustable from 500 to 3,500 lb.ft. of torque), two wheel cart, and two socket torque fixtures. Controls are complete to allow pre-torque values and final torque values for both 1800 and 2400 lb.ft. applications. This kit provides a superior, uniform, and safe method of torquing EMD power assembly crab nuts. Complete operating instructions are included.

T57870-230V

Hydraulic Cylinder Crab Nut Wrench - 230 volt - EMD Engines



This wrench is equipped with a 1 1/8" hydraulic powered electric driven 9,000 PSI power unit, 25 feet hose assembly, wrench head (adjustable from 500 to 3,500 lb.ft. of torque), two wheel cart, and two socket torque fixtures. Controls are complete to allow pre-torque values and final torque values for both 1800 and 2400 lb.ft. applications. This kit provides a superior, uniform, and safe method of torquing EMD power assembly crab nuts. Complete operating instructions are included.

T58621

EMD Power Assembly (With Jewelry) Lifting Adapter for "C" Frame Manipulator



This power assembly adapter does not require removing jewelry from the power assembly during removal and installation.

T59130

Manual Lower Liner Seal Puller (3/4" Square Driver) - EMD Engines

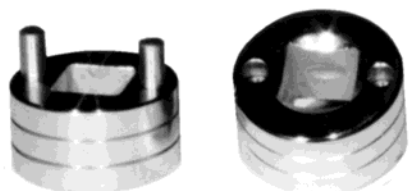
This tool provides a quick and easy method of pulling EMD lower liner seals. It does not install new seals. A 3/4" square drive is provided for use with a ratchet or pneumatic wrench.



T59350

Compression Release Pin Adapter (1/2" Square Drive) For EMD Engines

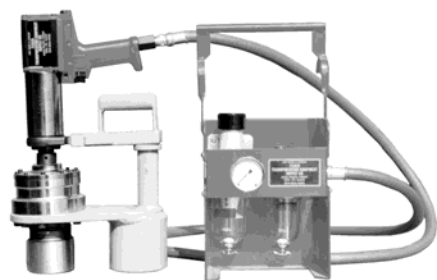
This tool provides a 1/2" square drive and is useful for removing and installing EMD Flash Cock Firing Pins.



T59660

Crab Nut Torque Kit for EMD Engines (Will Break Loose @ 3500 Ft-Lbs and Install @ 2400 Ft-Lbs)

This kit is rated at 3500 lb.ft. for breaking loose Crab Nuts. With approximately 49 PSI regulated air pressure this tool can accurately torque nuts to 2400 lb.ft. To reduce the weight being handled, the torque verifier & reaction bracket are installed on the crab nuts, then the pneumatic torque wrench is installed onto the verifier.



T62640

EMD Power Assembly Lifter for Type C, D and E Engines



This PA lifter is used for type C, D and E engines. Two pick up points are available for both a vertical and 22 1/2 degree lift.

T65160

EMD Cylinder Pod

