



Transportation Equipment Supply Co.

8106 Hawthorne Drive - Erie, PA 16509

www.tescotools.com

Consumable Products For Engine Maintenance

These are the consumable items that we carry to support ordinary engine maintenance and repair functions. These items are all shipped with Material Safety Data Sheets



- 1 [T11431](#) G-N Metal Assembly Paste (Molycote) 1 can = 17.6 oz.
- 2 [T24890](#) LOCTITE Threadlocker 1 can = 50 ml
- 3 [T18981](#) LOCTITE 609 Retaining Compound 1 can = 50 ml
- 4 [T23960](#) LOCTITE Threadlocker 1 can = 50 ml
- 5 [T16400](#) Fel-Pro Copper Compound 2 can = 16 oz.
- 6 [T23950](#) Anti-Seize (9 Oz. Brush-top Can)
- 7 [T21630](#) LUBRIPLATE Petroleum Lubricating Grease 1 can = 14 oz.
- 8 [41A330204P8](#) LUBRIPLATE Petroleum Lubricating Grease 1 can = 14 oz.
- 9 [T16380](#) Scotch 1/2" Thread Sealant and Lubricant 1 roll = 520

T16050EVO

Barring Over Air Motor, 2500 FT-LBS, 1" Drive, for GEVO Engines



The T16050EVO Barring Over Motor is the same motor used to install and remove FDL Power Assemblies with a new reaction plate. Due to the increased barring drag in Evolution engines this motor is now used as a barring motor.

T18961

Torque Wrench Tester 0-1000 FT-LBS - Universal Input Voltage



This tester is used for testing and calibrating 1/2", 3/4" and 1" drive torque wrenches. It has a Class 1 accuracy of +/- .5% of reading. Torque wrenches can be checked for breaking and tightening torque by using the appropriate side of the torque input shaft. 1/2", 3/4" and 1" input adapters are supplied, and repair service is available.

T54910

Machinist's Hand Tool Cart



This tool cart was developed to aid machinists with transport of their small tools and parts to the locomotive service location. It is equipped with four 8" wheels, two fixed and two swivel. Under the push handle is located a tray to accommodate paper wipe towels.

T57580

Torque Adapter Set - (3/4" male square, 1/2" through 1 1/4" male hex) 12 Adapters In Set



This adapter set contains 12 adapters from 1/2" through 1-1/4" which are terminated with a 3/4" square drive that inserts into torque analyzers. They are used to verify torque on various torque wrench box end and socket applications. It comes complete with an aluminum stand for storage of each adapter.

T57911

Electronic Torque Analyzer for Pneumatic and Hydraulic Wrenches - 25 to 4000 FT-LBS - Universal Input Voltage



This torque analyzer has a range of 25-4000 lb.ft. with an accuracy of .1%. It can also be used for manual torque wrenches and other torquing devices. Reaction arms to accommodate the T22020 and T16050 Air Motors come with the unit, and special brackets can be fabricated on request. Two knurled fasteners hold the reaction arms in place and allow for sliding to custom positions.

T63200

Equipment Blower Lifting Attachement for "C" Frame Manipulator - GE D9, GEVO, and AC4400



This appliance is used to lift the equipment blowers out of GE locomotive cabs. The safety pin is installed through the appliance into the blower and locked. The load is leveled with the "C" Frame Ram.

T63200SAA

Extended Reach GEVO Traction Motor Blower Lifter - With Stand and Appliance



This lifter was designed to allow for a longer reach into the locomotive cab in order to remove and install the traction motor blowers on GEVO locomotives. It features the same hydraulic manipulation arm found on our standard T57170 "C" Frame Manipulator. The lifter design also features a counterweight which enables the lifter to stay level in both the loaded and unloaded state. It comes complete with the Blower Motor Appliance and Storage Stand.

T65330

Air to Air Heat Exchanger Lifter for GEVO Locomotives



This lifter is used to remove and install Air to Air Heat Exchangers on Evolution Locomotives.

T80750A

Water Pump Lifting Arm for GEVO Water Pumps - Used in Conjunction With T80752 Appliance



This Arm is used with the T80752 Water Pump "C" Frame Appliance to remove and install Evolution Water Pumps. The mounting block is mounted to the top of the water pump and the lifter interfaces with the ball end to allow the pump to articulate as it is lifted. The mounting plate is retained with a safety latch.

T80750AB

Replacement Block for T80750A Water Pump Adapter - GEVO



The T80750AB adapter block pictured here also includes the T80750B replacement bolt.

T80750GA

EVO Water Pump Adapter for Lightweight C Frame Lifter



T80752

Water and Oil Pump Attachment for "C" Frame Manipulator - Used Alone For HDL Water Pumps

The T80750 Water Pump Appliance is mounted onto the T57170 "C" Frame Manipulator and is used to remove and install HDL Water Pumps. It is now used in conjunction with the T80750A to remove Evolution Water Pumps.



T80840

55 MM Speeder Socket (1/2" Square Drive) For Speeding the Cylinder Nuts - GEVO Engines



The 55 MM Speeder Socket has a 1/2" square drive to accommodate a ratchet or nut runner when speeding the cylinder nut down.

T80902

Metric Hand Tool Kit For GEVO Locomotives



3/8" Drive, 6MM Impact Hex Driver
3/8" Drive, 8 MM Impact Hex Driver
3/8" Drive, 10 MM Impact Hex Driver
1/2" Drive, 6 MM Impact Hex Driver
1/2" Drive, 8 MM Impact Hex Driver
1/2" Drive, 10 MM Impact Hex Driver
1/2" Drive, 12 MM Impact Hex Driver
1/2" Drive, 14 MM Impact Hex Driver
3/8" Drive 22 MM 6 Point Impact Socket
3/8" Drive, 12 Point Socket Set, 7-22 MM
1/2" Drive, 12 Point Socket Set, 10-36 MM
1/2" Drive, 12 Point Deep Well Socket Set, 10-36 MM
1/2" Drive, 6 Point Impact Socket Set, 10-36 MM
3/8" Drive Socket Breaker Bar
3/8" Drive Ratchet
3/8" Drive Sliding T-Handle
3/8" Drive Impact Universal Joint
1/2" Drive Socket Breaker Bar
1/2" Drive Ratchet
1/2" Drive Sliding T-Handle
1/2" Drive Impact Universal Joint
1/2" Male to 3/4" Female Impact Adapter
1/2" Male to 3/8" Female Impact Adapter
3/4" Male to 1" Female Impact Adapter
Combination Wrench Set, 10MM - 36 MM
2 Pound Soft Face Hammer
2 Pound Ball Peen Hammer
Feeler Gauge Set - .04 to 1.0 MM
Magnetic Pickup Tool
Mirror

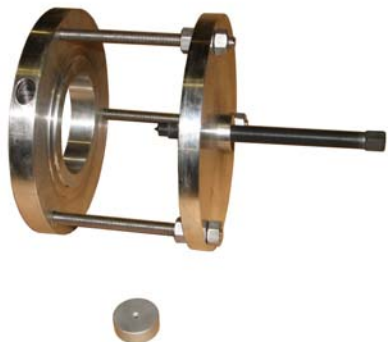
T80910

Torque Adapter - 24MM 12 Pt, X Shank



T80950

Water & Oil Pump Gear Puller - Evolution Locomotives



T80990-M14

M14 Stud Driver 2.0 pitch

Shown here along with M12 and M16 stud drivers



T80990-M16

M16 Stud Driver 2.0 pitch

Shown here along with M12 and M14 Stud Drivers



T81280

Socket (1" Sq. Drive, 55MM Thin Wall Deep Well)



This 55 MM Deepwell socket has a 1" square drive. The outside diameter has also been machined for clearance.

T81440

Driver for Alternator Dowels - GEVO



T85000

Hand Tool Kit for GEVO Locomotives

**Tool Kit Contents**

Tool Box

3/8" Drive Socket Set 8-22 MM

3/8" Drive Deepwell Socket Set 8-22 MM

1/2" Drive Socket Set 10-32 MM

1/2" Drive Deepwell Socket Set 10-32 MM

Combo Wrench Set 10-24 MM

Combo Wrench 30 MM

Combo Wrench 32 MM

10 MM Box End Adapter

24 MM Box End Adapter

30 MM Box End Adapter

24 MM Open End Adapter

Torque Handle 30-150 Ft. Lbs.

Torque Handle 40-200 Ft. Lbs.

Torque Handle 60-300 Ft. Lbs.

1-1/2" 12 Point Flare Nut Adapter

10 MM Impact Socket

1-1/2" Open End Torque Adapter

1-5/8" 12 Point Flare Nut Wrench

1/2" Drive Indexing Ratchet

1-1/2" Open End Crow Foot Wrench

1/2" Drive, 1-5/8" Speeder Socket

1" Ratchet Flare Nut Wrench

1/2" Drive, 12 MM Offset Adapter

3/8" Drive, 55 MM Speeder

3/4" Drive, 20 MM Impact Socket

3/4" Drive, 24 MM Impact Socket

3/4" Drive, 27 MM Impact Socket

32 MM Handle Speeder

24 MM Offset Torque Adapter

14 MM Cam Bolt Adapter

12 MM Torque Adapter

1/2" Drive Ratchet Adapter

3/4" Ratchet

Main Bearing Side Bolt Socket

20 MM 12 Point Torque Adapter

T85201

Engine and Alternator Lifter for 12 and 16 Cylinder GEVO and 7HDL Engines



This tool will lift the 12 & 16 Cylinder Evolution Engine and Alternator. The pickup eye provides incremental points every 1/2" to ensure level removal and installation. The lifter comes complete with two swivel hoist rings and all necessary lifting pins. The T85201 can also be used on the 7HDL engine and Alternator sets.

T85201FC

Engine and Alternator Lifter for 12 and 16 Cylinder GEVO and 8,12, and 16 Cylinder FDL Engines



T85372

Roller Chain Intercooler Installer/Remover



This tool is used to remove and install the water based intercoolers on Evolution Engines. The tool features a 2 speed wench, chain and pulley mechanism to aid change outs. Studs are used to thread into the frame to guide the fixture in place and are retained with the nuts provided. A ratcheting box end wrench is included for ease of installation. The plate then bolts onto the exposed intercooler face and is attached to the puller arm for removal and installation.

T85420

Oil Pump Torque Adapter (24 MM 12 Pt., X-Shank) Used with T-300T-I Preset Torque Wrench

The 24 MM Oil Pump Adapter has a pronounced offset to accommodate the oil pump bolts. It is used with the T-300T-I pre set Torque Wrench.

T85531

I.F.E. Lifter(Intergrated Front End) - GEVO

T85680

Oil Cooler Lifting Attachment for "C" Frame Manipulator - GEVO

This lifter was designed to lift the oil coolers on GE locomotives. It features a two piece design, with one piece bolting securely to the oil cooler and the other attaching to the "C" Frame Manipulator.

T85700

Exhaust Bellows Adapter (1/2" Sq. Drive, 12MM 12 Point) GEVO Engines

The T85700 Adapter is used to torque the Exhaust Manifold Bolts on an Evolution Engine. There is a 1/2" square drive on one end and a 12MM 12 point on the other.

T85900

GEVO Tool Cart - Complete With Tools



T16050EVO GEVO Barring Motor
T16491 30-150 Ft. Lb. Torque Wrench
T16492TECH Digital Adjustable Torque Wrench
T18230 100-600 Ft. Lb. Torque Wrench
T22520 50-250 Ft. Lb. Torque Wrench
T-300T-I Pre Set Torque Handle
T50041 Air Control Kit
T80101 Piston Ring Compressor
T80160 36MMx2 Stud Driver
T80160R 36MMx2 Stud Remover
T80170 45MMx2 Stud Driver
T80170R 45MMx2 Stud Remover
T80192 Piston Ring Expander
T80310V Liner Lifter
T80440-A Piston Retainer
T80481 Fuel Injector and Pump Puller
T80790 Main Bearing Removal Tool
T80850 Main Bearing Cap Nut Runner
T81130 Piston Saddle
T81201 Inlet/Exhaust Retainer for Strongback
T81230 Nozzle Carbon Cleaner
T81252 Crankshaft Deflection Gage Kit
T81310 Injector Alignment Tool
T81330 Injector Sleeve Torquing Tool
T81350 30MM Open End Wrench
T81920 Main Bearing Side Bolt Socket
T81562 Turbo Speed Sensor Tool
T85170 Turbo Torque Adapter
T85220 Valve Setting Feeler Gage
T85231 Cam Bolt Torque Adapter
T85261 Crankshaft Speed Sensor Torque Wrench
T85280 Fuel Pump Adapter
T85311 Strongback Lifter
T85320 Head Lifter
T85330 Power Assembly Lifter
T85340 Piston and Rod Lifter
T85410 55MM Speed Socket
T85420 Oil Pump Torque Adapter
T85620 Conn Rod Bearing Retainers
T85630 Fuel Pump Retainer
T85650 Barring Arbor
T85700 Exhaust Bellows Adapter
T85730 Piston Ring Scraper
T85760 Compression Tester Set
T85820 Fuel Pump Wrench

T85952

GEVO Blanking Tools For Cooling System Test



T85952-5

GEVO 5" Blanking Plate For Cooling System Test



T86060

Metric Torque Adapter Set



T86260

Combination EVO/Marine Engine Lifter



T86400

Water Pressure Lock-Out Clamp - GEVO



T86690

GE Oil Filter Housing Lifting Adapter for "C" Frame Mainipulator



This tool was designed to lift both sizes of GE oil filter housings with the door lid closed. The appliance is attached to the T57170 "C" Frame Manipulator and the single fork reaches through the holes in the frame under the tank. The load can then be manipulated with the hydraulic ram on the "C" Frame Manipulator.

T86760

GEVO 12 Cylinder Oil Pump Lifter



T86770

GEVO Pneumatic Barring Over Tool With Remote Control



This kit features the T16050EVO barring over motor with a remote control feature with 20 feet of hose. The replacement hose and air valve are available as an individual part number - T22030HH.

1 [T16050EVO](#) Air Motor

2 [T22031](#) Complete Remote Control Unit

T98111

Electrician's Hand Tool Set With Toolbox For Use on All Locomotives



16 Piece Open End Wrench Set, 1/4" to 1 1/4"
 8 Piece Mini Open End Wrench Set, 13/16" to 3/8"
 8" Adjustable Wrench
 7" Straight Locking Plier
 1/4" Drive, 6 Point Sockets, 5/32" to 9/16"
 1/4" Drive, Deepwell 6 Point Sockets, 3/16" to 9/16"
 1/4" Drive Ratchet with 2" and 6" Extensions
 1/4" Drive Spinner Handle
 1/4" Drive Universal Joint
 3/8" Drive, 12 Point Sockets, 3/8" to 3/4"
 3/8" Drive, Deepwell 12 Point Sockets, 3/8" to 3/4"
 3/8" Drive Universal Sockets, 3/8" to 9/16"
 3/8" Drive Ratchet with 3" and 6" Extensions
 3/8" Drive Universal Joint
 1/2" Drive, 12 Point Sockets, 7/16" to 1 1/4"
 1/2" Drive Ratchet With 5" and 10" Extensions
 1/2" Drive Impact Universal Joint
 1/2" Drive Socket Breaker Bar
 Ratcheting Box End Wrench, 3/8" x 7/16"
 Ratcheting Box End Wrench, 1/2" x 9/16"
 Nutdrivers, 3/16 to 3/8"
 #1 x 3 Phillips Head Screwdriver
 #2 x 4 Phillips Head Screwdriver
 #2 x 6 Phillips Head Screwdriver
 1/4 x 4 Slotted Screwdriver
 5/16 x 6 Slotted Screwdriver
 3/16 x 10 Slotted Screwdriver
 13 Piece Standard Ball End Hex Key Set
 Pin Punch, 3/32" Point, 4 1/2" Long
 Pin Punch, 5/32" Point, 5" Long
 Pin Punch, 1/4" Point, 5-3/4" Long
 Center Punch, 1/4" Point, 3-7/8" Long
 Utility 5" Superjoint Plier
 Utility 10" Superjoint Plier
 6-1/2" Long Nose Chain Nose Plier
 Diagonal Cutting Plier
 9-1/2" Linesman New England Plier
 12 Oz. Ball Pein Hammer
 Pinch Bar
 26" Toolbox

Torque Wrenches For General Maintenance



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- 1 [T59810](#) Torque Screwdriver 4-36 In-LB
 - 2 [T18220](#) 3/8" Drive Ratcheting Torque Wrench (10-75 Ft. lbs)
 - 3 [T20710](#) 3/8" sq. drive 50-250 lb. In. torque wrench
 - 4 [T16491](#) Y Shank (.560") Adjustable Torque Handle (30-150 Ft. lbs)
 - 5 [T54930W](#) 45-220 lb. Ft. torque handle (spigot drive)
 - 6 [T16492TECH](#) X Shank (.735") Adjustable Digital Torque Handle (25-250 Ft. lbs)
 - 7 [T-200T-I](#) Y Shank (.560") Pre-Set Torque Handle (45-200 Ft. lbs)
 - 8 [T22520](#) 1/2" Drive Ratcheting Torque Wrench (30-250 Ft. lbs)
 - 9 [T-300T-I](#) X Shank (.735") Pre-Set Torque Handle (100-300 Ft. lbs)
 - 10 [T18230](#) Torque Wrench - 3/4" Ratchet Style Square Drive 100-600 FT-LB
 - 11 [T18250](#) Torque Wrench, 0-1000 Lb.Ft., 1" Square Drive