



High Pressure

Hot Water Cleaners for Inlet Port Cleaning



These machines deliver up to 210 F water at 2,000 PSI at a rate of 5 gallons per minute. Water is heated by a diesel fuel oil fired burner. These kits include both the special and general purpose wands, necessary hoses and protective clothing. These kits allow a crew of two men to completely clean inlet ports in on a 16 cylinder engine, including engine assembly and disassembly in an 8 hour shift. These kits are also most useful for other locomotive cleaning jobs.

Kit #	Spare Parts #	Pump Drive Description
T23320	T23470	208V 60HZ 3PH Motor
T23340	T23460	230V 60HZ 3PH Motor
T23330	T23440	230V 50HZ 3PH Motor
T23380	T23410	Gas Engine (Battery Start)
T23390	T23400	Diesel Engine (Battery Start)
T23270	Ref. 1	Straight Wand
T23280	Ref. 2	90 degree Wand

T13640

Generator/Alternator Rotor Coupling Bolt Wrench (1" Square Drive x 1-7/8" Box End) - For GE FDL Engines

This wrench features a 1" square drive input and 1 7/8" box end adapter. It can be driven by the T18250 0-1000 lb.ft. torque wrench to accommodate bolt tightening. This wrench will fit on all GE engines (excluding the 6000HP Model), including the EFI Models equipped with timing gears for Bosch Fuel Pumps. The T13641 has been obsoleted due to a clearance problem with the new GE split gears.



T16662

Vibration Damper Lifter for GE FDL Engines



T16884

Universal Engine/Alternator Lifter for 8,12,16 Cylinder GE 7FDL Engines



This lifter will accommodate 8, 12 and 16 cylinder 7FDL engines as well as engines with generators and alternators. The lifter is rated 80,000 LBS and provides incremental 1/2" pick-up points by way of a Boston Gear arrangement. This ensures level pick-up.

T16884C

Universal Engine/Alternator Lifter for 8,12,16 Cylinder GE 7FDL Engines and EMD Engines



T18500

Dry Abrasive Blast Cleaning Machine



This blast machine is used to clean carbon, varnish, rust or other buildup from engine components. Compressed air to the blast nozzle is controlled by a switch activated by the operators elbow. An air pressure regulator is provided to adjust blast intensity. A dust collection system is provided by with a slip out tray for removal of debris. Glass bead media is used where components are to be cleaned without affecting their critical dimensions

Height 95" Depth 66" Width 50"

Domestic Voltage: 230V 3PH 60CY for blower motor
115V 1PH 60CY for control circuit

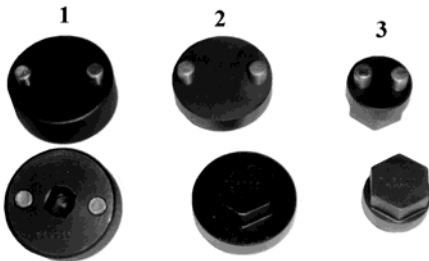
Export Voltage: 230V 3PH 50CY for blower motor
230V 1PH 50CY for control circuit

NOTE: AT 80PSI, approximately 85 CFM of air is required to power this machine. This demand can be supplied by a 20hp air compressor minimum for constant duty operation.

- 1 T50121 Gauge
- 2 T50330 Tee
- 3 T50341 Nipple
- 4 T50142 Release Valve
- 5 T50131 Check Valve
- 6 T50192 Filter
- 7 T50171 Socket
- 8 T50181 Plug
- 9 T50160 EMD Adapter - complete w/plug
- 10 T50420 GE Adapter - complete w/plug
- 11 T50010 ALCO Adapter - complete w/plug
- 12 T50960 Governor Stop Block
- 13 T22711 Storage Box

T19910

Cylinder Release Plug Spanner Wrench (1/2" Square Female Drive) For GE FDL Engines



Cylinder Release Plug Adapter Drive. This unit is equipped with a 1/2" sq. drive to allow for torquing and removal of the current release plug bolt

Item #1 Shown In Diagram

T2X2437

Spicer Drive Blower Coupling Bolt Wrench (3/8" Square Drive, 5/16" Hex) for GE FDL Engines

This wrench is used to torque and loosen Spicer drive coupling bolts. It is equipped with a 3/8" female square drive input and a 5/16" hex bit on the output end.



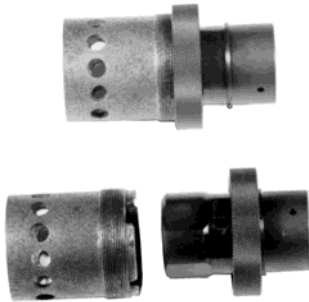
T2X2823

1-1/4" Hex Power Diode Torquing Wrench, 3/8" Sq. Drive, for GE FDL Engines

This wrench is equipped with a 3/8" square drive input and can torque 1 1/4" hex power diodes. Proper torque is most important to ensure satisfactory performance of the power conversion unit.



T50380

Valve Cage Wrench for WABCO Air Compressors

This tool was developed to simplify installation and removal of WABCO Air Cages.

1 Wrench is held captive on cage. Knurled collar is screwed on to outside diameter of cage threads.

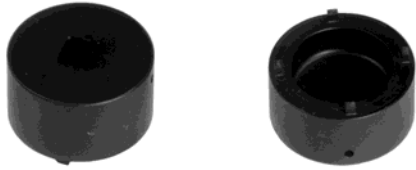
2 Cage is shown as removed from cylinder head - captive to wrench.

3 T50380 Valve Cage Wrench is equipped with a 1" square female drive that can be driven with a 1" square drive breaker bar or slugging wrench.

T50700

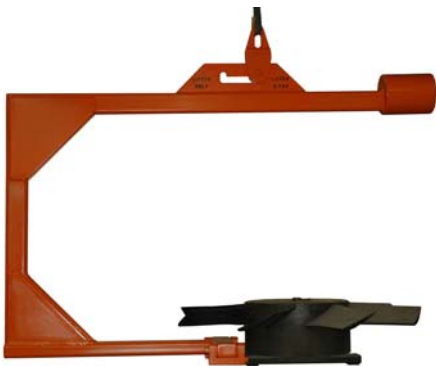
Bearing Nut Wrench (3/4" Square Female Drive) For Radiator Fan-Clutch Gear Unit (GE Type GDY72)

Specifically for radiator fan-clutch gear unit (GE type GDY72). This wrench is equipped with a 3/4" square female drive. GE part # 493A948P1.



T50933

Radiator Fan Lifter for GE 5GYA30 Motorized Fans



This lifter aids removal and installation of 5GYA30 Motorized Fans in Dash 9 locomotives. It features an adjustable pick up fixture between two points, one allowing the lifter alone to be lifted level and the other allowing the lifter with the fan to be lifted level.

T50933H

Radiator Fan Lifter Handles for T50933 Lifter



T54720

Axle Cap Pipe Plug Wrench - 9/16" and 13/16" Square Female Drive Ends

This wrench is used for removal and installation of axle cap pipe plugs.

NOTE: Nicked or damaged pipe plug ends may require the use of the T54721 Wrench.



T54721

Axle Cap Pipe Plug Wrench - 9/16" and 13/16" Double Square Female Drive Ends

This wrench is used for removal and installation of axle cap pipe plugs.

NOTE: Nicked or damaged pipe plug ends may require the use of the T54721 Wrench.



T54831

Engine Core Plug Ratchet Wrench, 3/4" Sq. Female Drive, 1" Ratchet - for GE FDL Engines

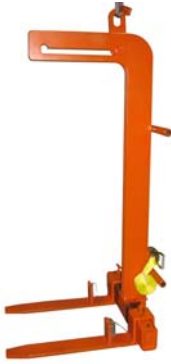
This tool was designed to remove leaking engine core plugs without removing cylinders and exhaust manifold sections. Installation of new core plugs can also be accomplished by reversing the ratchet. The input drive is 3/4" female.



- 1 [T54831](#) Ratchet
- 2 [T54831U](#) Universal
- 3 [T54831E](#) Extension

T54922

Battery Lifter for GE Locomotives With Tray Type Batteries



This tool was developed to ease the installation and removal of batteries on GE engines.

T55066

Dynamic Brake Grid Lifter - GE FDL and GEVO OEM Grids (Old Style)



This lifter was designed to ease installation and removal of dynamic brake grids on Dash 8, Dash 9 and AC modified locomotives. A clearance slot has been added to allow for the insulator on later model locomotives. The hinged lifting paws attach quickly to the grid and minimize grid change out time. Locks have been added to secure grid during lifting.

Caution: Inspect fit before use. Numerous modifications have occurred from the tools inception to accommodate OEM dimension/configuration changes, and OEM design changes still occur frequently. Will not work on any non-GE grids.

T55420

Front End Cover Lifter for GE FDL Engines



T55432

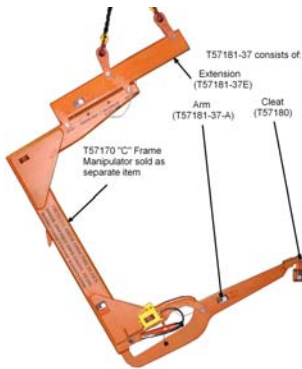
Intercooler Lifter - GE FDL Engines

Comes complete with lifter bolts - T55431B



T57181-37

Air Compressor Appliance for "C" Frame Manipulator (Arm, 37" Extension and Cleat) - GE Locomotives

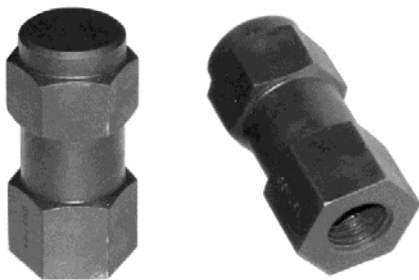


This tool connects with the "C" Frame Manipulator to safely remove air compressors from the car bodies of GE Locomotives. The T57180-37 comes complete with a 37" arm (which connects to the bottom of the "C" Frame), an extension that connects to the outermost top holes, and a chain fall assembly.

NOTE: The short chain length connects to the outer position of the extension. The shackle that is already connected to the "C" Frame must be removed and connected to the inner position of the extension, which can then be connected to the longer length of the chain fall. The lifting cleat (shown beside) is attached to the air compressor and then connected to the "C" Frame.

T57400

Inertial Filter Blower Motor Impeller Remover for GE FDL Engines



The 1"-8 threaded hole is installed into the impeller threads, tightened and struck on the opposite end for removal.

T57720

Ground Protection Device for Microprocessor Locomotives



This ground protection device is used for microprocessor locomotives & includes a 5 AMP replaceable fuse. It is also equipped with alligator clips on each end for easy connection.

T58180

GE Air Compressor Lifting Cleat - Used With T57181-37



T58330

T-Handle Wrench (1/2" Socket x 9/16" Socket, With 1/2" Deepwell Socket In Handle)

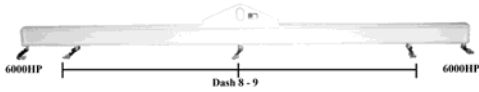


This convenient wrench is equipped with both a 1/2" and a 9/16" socket in addition to the 1/2" deep well socket doubling as the handle.

T58902

Radiator Bank Lifter for GE Dash 8-9 / AC6000 / GEVO Locomotives

This lifter is rated at 3600 LBS and can be used for Dash 9 & AC6000 radiator bank installation & removal. It also comes with dedicated lifting points for the GE Evo Engine (not shown in picture).



T59190

T59190 GE Engine Stands for FDL and GEVO Engines (With the Exception of 12 Cylinder GEVO)



Please note that these stands will not work with the 12 Cylinder GEVO Engines

T59331

Spreader Beam Lifter - Rated for 7 1/2 Tons - Pick Up Spacing Ranges From 48" to 104"

Rated at 7 1/2 tons - this spreader beam can lift loads such as engine cabs (2 required). Pick up spacing is provided from 48" to 104". Custom sizes/ratings available.



T59360

Keensert Thread Insert Kit



These Keensert Installation Tools were developed to easily install Keenserts that can normally be difficult. The tool consists of a threaded stem and a spring loaded follower. The Keensert is installed into the hole that accepts that particular insert, and the tool is tapped with a hammer to drive the locking spines in place around the insert. The tool can then be removed. The following sizes are displayed on the chart below.

-
- T59360-1 1/4"-24 Heavy Insert Driver
 - T59360-2 5/16"-24 Thin Insert Driver
 - T59360-3 5/16"-24 Heavy Insert Driver
 - T59360-4 3/8"-16 Heavy Insert Driver
 - T59360-5 3/8"-24 Thin Insert Driver
 - T59360-6 3/8"-24 Heavy insert Driver
 - T59360-7 3/8"-24 Extra Heavy Insert Driver
 - T59360-8 7/16"-24 Thin Insert Driver
 - T59360-9 1/2"-13 Heavy Insert Driver
 - T59360-10 1/2"-20 Thin Insert Driver
 - T59360-11 1/2"-20 Heavy Insert Driver
 - T59360-12 1/2"-20 Extra Heavy Insert Driver
 - T59360-13 5/8"-18 Heavy Insert Driver
 - T59360-14 3/4"-16 Heavy Insert Driver
 - T59360-15 7/8"-14 Heavy Insert Driver
 - T59360-16 1"-14 Heavy Insert Driver

T59521

Locomotive Motoring Device with 7' Cord



The T59520 plugs into the reverser on the control stand allowing the engineer to "jog" the locomotive using battery power to run the traction motor. The other end is plugged into an electrical receptacle providing power to the unit.

T59992

Upright Cylindrical Oil Cooler Lifter Attachment for "C" Frame Manipulator - GE FDL

Replacement strap part number is T59991-S



T62610

GE Pipe Jack - Saddle ID 2.5", Saddle Width 3", Knurled Pad

The pipe saddle on this jack has an ID of 2.5" and a width of 3". It has a rotating knurled pad at the base and the length is adjustable by a total of 1 3/4".



T63491-2.375

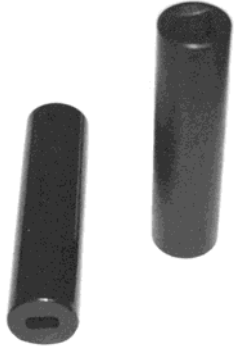
GE Check Valve Spreader, Saddle ID 2.375", Saddle Width .75", Knurled Pad

The pipe saddle on this jack has an ID of 2 3/8" and a width of 3/4". It has a rotating knurled pad at the base and the length is adjustable by a total of 2 1/4".



T63640

Fuel Nozzle Hold Down Stud Remover/Installer (.250" x .450" slot, 1/2" Square Female Drive) GE FDL Engines



This tool has a .250 X .450 slot milled into the face to accommodate the flat on the Tailrod Studs. It has a 1/2" square drive.

T66380A

Water Pump Lifter Plate with Hoist Ring for GE FDL Engines



This plate incorporates a swivel hoist ring to aid in the lifting and easy manipulation of the GE FDL water pump. The plate is connected to the T57560 cantilever lifter or other lifting device to remove and install inside the car body.

T66481

Air Compressor Lifter Cleat for All GE Locomotive Air Compressors



This lifting cleat is to be used in conjunction with the T57170 "C" Frame Manipulator fitted with the T57181-37 Extension to lift air compressors from GE Locomotives. It is designed to attach to the air compressor with the discharge piping flange still attached, significantly reducing the amount of time it takes to attach to and remove the air compressors. It comes complete with the swivel hoist ring and mounting bolts.

T66490

FDL Water Discharge Elbow Lifter



This lifting plate is designed to provide a level lift for a GE FDL water discharge elbow. It features a swivel lifting hook. It is ideally lifted using the T57560 Cantilever Lifter.

T66500

Dynamic Brake Grid Lifter - GE FDL and GEVO OEM Grids (New Style)



This lifter was designed to ease installation and removal of dynamic brake grids. s. The hinged lifting paws attach quickly to the grid and minimize grid change out time..

Caution: Inspect fit before use.. Will not work on any non-GE grids.

T66530

BKT & Reverser Switch Lifter



T66560

GE FDL Oil Pump Lifter



This tool is attached to the FDL Oil Pump and is lifted using the T57560 Cantilever Lifter. The lifter comes complete with bolts and nuts as shown.

T70051

Heavy Duty Fan Remover Tool For GE Locomotive GA57 Fan Units



This tool is essential for removing radiator fans on GE Locomotive GA57 Fan Units. The tool body is heat treated and the jacking bolt is of grade 8 specification ensuring long life and durability.

T80750AB-FDL

FDL Water Pump Lifting Plate - Used With T80752 and T80750A

