

## T18500 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.

T18500	Complete Blast Cleaning Machine
T18501	Complete Blast Cleaning Machine w/parts tumbler mounted on access door for automatic cleaning
T18470	Replacement Air Hose
T18480	Replacement Abrasive Hose
T18510	Viewing Window
T18520	Rubber Gloves (pair)
T18530	Rubber Gauntlets
T18490	Abrasive Gun - with tungsten carbide orifice
T18540	Replacement Dust Bags
T18550	Glass Bead Media - BT-10 for general cleaning (50 lb. bag)
T18551	Aluminum Oxide - 80 grit for more severe cleaning req.

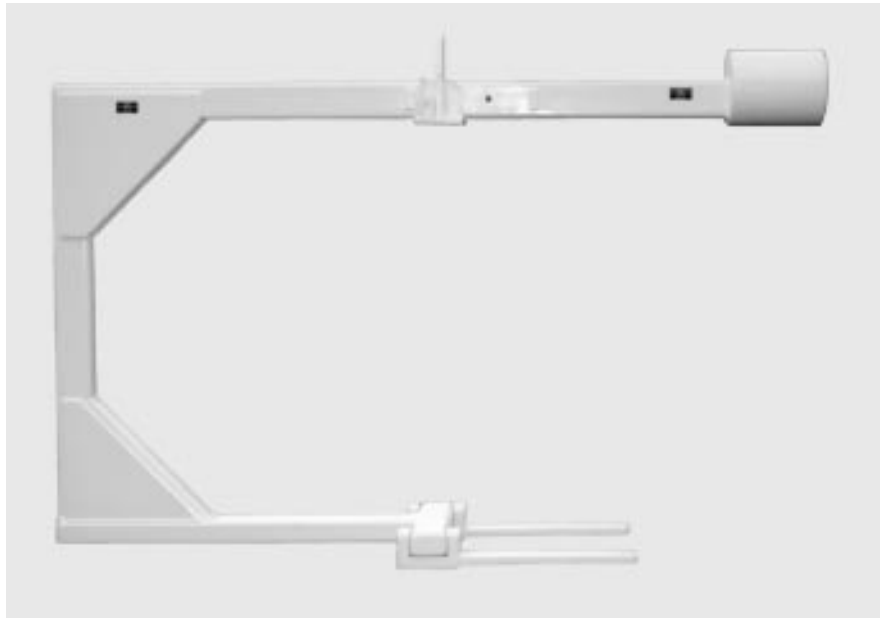
## High Pressure Hot Water Cleaner for Inlet Port Cleaning



This machine delivers 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. The kit includes both the special and general purpose wands, necessary hoses and protective clothing.

This kit allows 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. This kit is also most useful for other locomotive cleaning jobs.

Complete Kit Part #	Spare Parts Kit Part #	Pump Drive Description
T23320	T23470	208V 60HZ 3PH Motor
T23340	T23460	230V 60HZ 3PH Motor
T23360	T23450	460V 60HZ 3PH Motor
T23330	T23440	230V 50HZ 3PH Motor
T23350	T23420	380V 50HZ 3PH Motor
T23370	T23430	460V 50HZ 3PH Motor
T23380	T23410	Gas Engine (Battery start)
T23390	T23400	Diesel Engine (Battery start)
T23270	Ref. 1	Straight Wand
T23280	Ref. 2	90* Wand



**T50931 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.

**T55064 Dynamic Brake Grid Lifter**

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.



**T54921 Battery Lifter**



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

**GE Back Shop Lifters**



- 1 - T55420 Front End Cover Lifter
- 2 - T55430 Intercooler Lifter
- 3 - T55440 Governor Gear Box Lifter

## 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.



## T54831 Core Plug Ratchet Wrench

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 Joint
3	T54831E Extension



## T2X2823 Diode Torquing Wrench

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.



## T2X2437 Spicer Drive Blower Coupling Bolt Wrench

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.



## Axle Cap Pipe Plug Wrench

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.

1	T54720	9/16" & 13/16" Square Female Drive Ends
2	T54721	9/16" & 13/16" Double Square Drive Female Ends



### T70051 Heavy Duty Fan Remover

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.

### T13640 Alternator to Crankshaft Coupling Bolt Wrench

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.

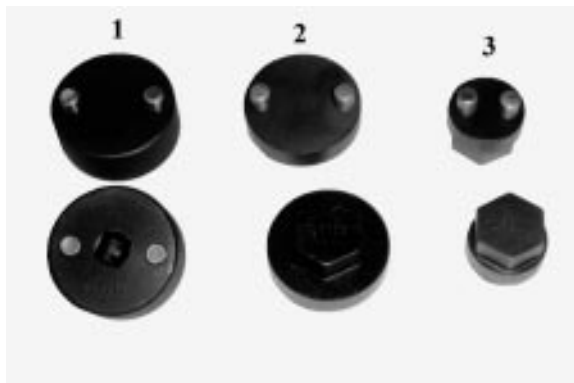


### T50700 Bearing Nut Wrench

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

### Spanner Wrenches for GE Engines

These wrenches are offered to aid removal and installation of the various devices described below.



1	T19910	Cylinder Release Plug Adapter Drive. This unit is equipped with a 1/2" square fm. drive to allow for torquing and removal of the current release plug body.
2	T15250	Spanner Wrench for BCO Turbocharger Core Plugs with 1 1/2" hole spacing. It is equipped with a 1 1/8" male hex to drive the wrench.
3	T15240	Spanner Wrench for BCO Turbocharger Core Plugs with 3/4" hole spacing. It is equipped with a 1 1/8" male hex to drive the wrench.

### **T58900 GE Radiator Bank Lifter**

This lifter is rated at 3600 LBS and can be used for Dash 9 & AC6000 radiator bank installation & removal.



### **T59331 Spreader Beam**

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".



### **T57720 Ground Protection Device**

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.



## T59360

### Keensert Installation Tools



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

