

Fuel Pump Rack

Setting Gauges for GE FDL Engines



These gauges are used for GE engines with large fuel pump systems. Precise fuel settings can be accomplished by using these gauges. Exact full load settings are made easily by selecting the proper gauge.

- T20290 Fuel Rack Gauge 16 3/4 mm
- T20300 Fuel Rack Gauge 17 1/2 mm
- T20310 Fuel Rack Gauge 18 mm
- T20320 Fuel Rack Gauge 18 1/2 mm
- T20330 Fuel Rack Gauge 18 3/4 mm
- T20340 Fuel Rack Gauge 19 mm
- T20350 Fuel Rack Gauge 19 1/4 mm
- T20360 Fuel Rack Gauge 19 1/2 mm
- T20370 Fuel Rack Gauge 19 3/4 mm
- T20380 Fuel Rack Gauge 20 mm
- T20390 Fuel Rack Gauge 20 1/2 mm
- T20400 Fuel Rack Gauge 20 3/4 mm
- T20410 Fuel Rack Gauge 21 mm
- T20420 Fuel Rack Gauge 21 1/2 mm
- T20430 Fuel Rack Gauge 21 3/4 mm
- T20440 Fuel Rack Gauge 22 mm
- T20450 Fuel Rack Gauge 22 1/4 mm
- T20460 Fuel Rack Gauge 22 1/2 mm
- T20470 Fuel Rack Gauge 23 mm
- T20480 Fuel Rack Gauge 23 1/2 mm
- T21220 Fuel Rack Gauge 23 3/4 mm
- T20490 Fuel Rack Gauge 24 1/4 mm
- T20500 Fuel Rack Gauge 25 mm
- T24110 Fuel Rack Gauge 23 3/4 mm
- T24120 Fuel Rack Gauge 23 1/4 mm
- T24130 Fuel Rack Gauge 24 mm
- T24140 Fuel Rack Gauge 24 1/2 mm
- T24150 Fuel Rack Gauge 24 3/4 mm

T10402

Rocker Arm Depressor for GE FDL Engines

This depressor has been requested by various railroads to aid Rocker Arm Depression allowing for pushrod removal and installation.

This rocker arm depressor incorporates a 60 degree bend in the handle and approximately 15" extra length over the original T10401 Rocker Arm Depressor. These features greatly enhances the machinist's leverage. Also incorporated is a profile escapement where the depressor engages the rocker arm. This ensures that it will not pull off the arm.



T10404

Bent Rocker Arm Depressor for GE FDL Engines

This depressor has also been requested by various locations to aid rocker arm depression allowing for pushrod removal and installation. This particular depressor incorporates the same profile escapement as the T10402 which ensures that the depressor will not pop off. It was designed to allow the machinist to push straight forward to depress the rocker arm instead of pulling from overhead.



T11493

Fuel Nozzle Test Stand for GE FDL Engines



The nozzle test stand is used to check nozzle pop pressures, spray patterns and dribble rates. The tester has an intensifier which allows gradual pressure elevation to allow for close pop observation. The speed connectors utilize "O" rings that require only hand tightening and loosening of the connection.

- 1 [T18940](#) Nozzle Test Stand - Includes handle and gage
- 2 [T20691](#) Gauge
- 3 [T14441](#) Speed Connector - Small Nozzle
[T14441R](#) "O" Ring for small nozzle (package of 6)
[T14911](#) Speed Connector - Large Nozzle
[T14911R](#) "O" Ring for large nozzle (package of 6)
- 4 [T16422](#) Fuel Line

T14930

Offset Fuel Pump Mounting Wrench for Older FDL Engines

This wrench is used to torque or remove the fuel pump mounting bolt below the fuel rack on older engines. It is equipped with an offset to accommodate clearance. The drive is 1/2" square female.



T14972

Fuel Pump Mounting Wrench - straight



T14974

Fuel Pump Mounting Bolt Adapter (1/2" drive x 1/2" 12 pt. x 12 1/2" long) for GE FDL Engines

This wrench is used to torque or remove the fuel pump mounting bolts on an EFI fuel pump. It has a 1/2" square female drive.



T15926

Fuel Line / Fuel Pump Torque Kit for GE FDL EFI Engines



The T15926 Fuel line torque kit contains all the tools necessary for EFI fuel pump removal/installation as well as the high pressure line.

- 1 T15930 Ratchet Adapter 1/2"
- 2 T50001 Fuel Line Wrench
- 3 T57140 1 1/2" Adapter
- 4 T14974 Fuel Pump Mounting Bolt Adapter
- 5 T24170 1 5/16" Socket
- 6 T20250 3/4" Deep Socket
- 7 T16491 30-150 lb. Ft. Torque Handle
- 8 T54441 1/2" 12 Point Adapter
- T20571 Metal Box

T15926M

Fuel Line Torque Kit for GE Marine FDL EFI Engines



- 1 T16491 Torque Handle 30-150 lb.ft
- 2 T15930 1/2" Ratchet Adapter
- 3 T20250 1/2" x 3/4" Deep Well Socket
- 4 T59140 1 1/4" Open end Adapter
- 5 T64710 Spanner for Left Hand Locking Nut
- 6 T20571 Metal Box
- 7 T54441 1/2" 12 pt. Camshaft Torque Wrench Adapter
- 8 T15941 7/8" Torque Adapter
- 9 T65920 22 MM Socket
- 10 T14974 Fuel Pump Mounting Wrench
- 11 T18560 Nozzle Knocker
- 12 T18580 Nozzle Knocker Tips

T15926M&S

Fuel Line Torque Kit for GE Marine and Stationary FDL EFI Engines



- 1 T16491 Torque Handle 30-150 lb.ft
- 2 T15930 1/2" Ratchet Adapter
- 3 T20250 1/2" x 3/4" Deep Well Socket
- 4 T59140 1 1/4" Open end Adapter
- 5 T64710 Spanner for Left Hand Locking Nut
- 6 T20571 Metal Box
- 7 T54441 1/2" 12 pt. Camshaft Torque Wrench Adapter
- 8 T15941 7/8" Torque Adapter
- 9 T65920 22 MM Socket
- 10 T14974 Fuel Pump Mounting Wrench
- 11 T18560 Nozzle Knocker
- 12 T18580 Nozzle Knocker Tips
- 13 T24170 1 5/16" Socket
- 14 T50001 Fuel Line Wrench
- 15 T57140 1 1/2 Adapter

T15927

High Pressure Fuel Line Torque Kit for GE FDL Mechanical Fuel Systems



This kit includes all the equipment required to torque the high pressure fuel system on newer and older GE engines.

- 1 T16491 Torque Handle 30-150 lb. Ft.
- 2 T15930 1/2" sq. drive ratcheting adapter
- 3 T14974 Fuel pump mounting wrench 1/2" 12 point (2 included)
- 4 T54441 12 pt. 1/2" adapter for fuel pump mounting bolt
- 7 T20250 Socket for fuel injector hold down nuts
- 8 T24170 Socket for fuel pump banjo fitting (newer engines)
- 9 T15941 7/8" open end adapter for HP fuel line (small system)
- 10 T23120 1" open end for small fuel system low pressure lines and fuel pump banjo fitting
- 11 T50001 1 1/4" adapter for HP fuel lines on large system
- 12 T20571 Metal storage box

T16920

Fuel and Valve Crosshead Guide Puller for GE FDL Engines



T18560

Nozzle Knocker / Remover for GE FDL Engines

Both ends are equipped with a large tip for removing nozzles. Replacement tips are also provided with the unit.

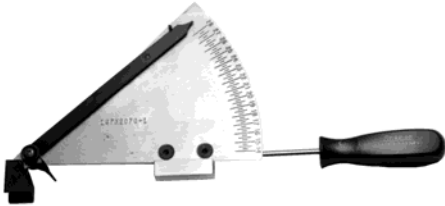


- 1 [T18580](#) Large Replacement Tip
- 2 [T18570](#) Small Replacement Tip (Older engines)

T20702

Universal Fuel Rack Setting Gauge for GE FDL Engines with Mechanical Fuel Systems

These gauges allow setting racks from 14 to 28mm and are provided with a master setting block of 21mm for calibration. One gauge will set fuel racks on all GE engines equipped with mechanical racks.



T22780

GE Fuel Rack Checking Tool



T50001

1-1/4" High Pressure Fuel Line Wrench for Large Fuel System - GE FDL Engines



This wrench was designed to remove the most stubborn fuel lines on GE engines equipped with the large fuel system. The wrench is equipped with a 1/2" square drive to accommodate a T22520 ratcheting torque wrench, adding the ability to install the fuel line to the proper torque as well as remove it.

T54931

High Pressure Fuel Line Torque Wrench (T54930W) and Adapter (T54932A) - GE FDL Engines



1 [T54930W](#) Torque Wrench 22-220 lb. Ft.
2 [T54932A](#) High Pressure Fuel Line Adapter

T54932A

High Pressure Fuel Line Wrench Adapter (16 mm Spigot, 1-1/4" 12 pt) for GE FDL Engines



This adapter is a heavier duty version of the T54931 and can be used with a T54931H Break Loose Handle. It can also be used with the T54931W Wrench for torquing. The adapter and break loose handle can be used as a lightweight alternative to the T50001 High Pressure Line Wrench.

T55971

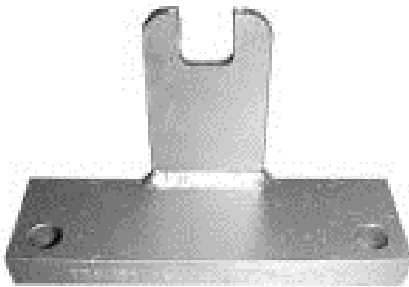
Pushrod Height Adjustment Gauge for GE FDL Engines



For GE engines equipped with EFI fuel systems. This gauge, nylon bolts and a “zero” setting block are included.

T56031

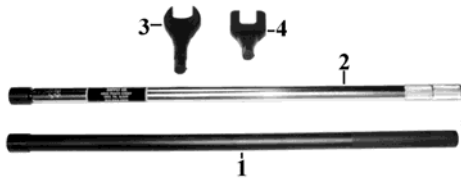
Tappet Rod Holder for GE EFI FDL Engines



For GE engines equipped with EFI fuel systems. This tool holds the Tappet Rod in place while making initial adjustment of the tappet nut and the umbrella nut.

T56051

Tappet Nut Torque Wrench Kit for GE FDL EFI Engines



This kit includes everything that is needed to torque and loosen the fuel tappet nut.

- 1 [T56051RH](#) Reaction Handle
- 2 [T56051TH](#) T300T-I pre-set Torque Handle (200 lb. Ft.)
- 3 [T56051RA](#) 1.375 Reaction Adapter
- 4 [T56051TA](#) Torque Adapter

T57140

Low Pressure Fuel Line Wrench Adapter (1 1/2" Open End, Y-Shank) for GE FDL Engines



This 1 1/2" adapter is used for removal/installation of the low pressure fuel lines on EFI engines. It has a 90 lb. max torque value.

T57150

Fuel Roller Retaining Plates - GE FDL Engines



For GE engines equipped with EFI fuel systems. These retaining plates hold up the fuel roller while cam sections are being changed out.

Note: Use T57150L for left plate and T57150R for right plate

T57160

7 MM Nut Runner for GE FDL Engines Using Lucas Bryce EFI Fuel Pumps



The T57160 7mm Nut Runner is for GE engines using Lucas Bryce EFI fuel pumps. This wrench is for the solenoid screw.

T57161

5 MM Nut Runner for GE FDL Engines Using Lucas Bryce EFI Fuel Pumps



The T57161 5mm nut runner is used for GE engines using Robert Bosch EFI fuel pumpsto remove solenoid screws (not shown).

T59370

Fuel Pump Manual Torque Wrench Kit for GE FDL Engines With Bosch Fuel Systems

This kit includes everything that is needed to remove/torque the high pressure fuel line as well as the low pressure fuel line. The low pressure adapters feature an offset that allows the machinist to torque the low pressure lines without any interference from the pump and hoses. Also included is the T54931 kit that will allow high pressure fuel line service.



- 1 & 2 [T54931](#) High Pressure Fuel Line Torque Kit
Includes T54930W Torque Handle and T54932A Adapter
- 3 [T16491](#) 30-150 lb. Ft. Torque Handle
- 4 [T59140](#) Low Pressure Fuel Line Wrench 1 1/4"
- 5 [T59370L](#) Left Hand Jam Nut Adapter 1"
- 6 [T59370R](#) Right Hand Jam Nut Adapter 1"

T59371S

Jam Nut Torque Verification Adapters (1" Open End, Y Shank) for GE FDL Engines With Bosch Fuel Pump

For torque verification only! These adapters differ from the T59370L & R in that material was removed and the input angle changed to allow torque verification without removing any fuel lines. The T59370S includes both a right and left hand adapter.



T59570

Bosch Fuel Pump Mounting Adapter (1/2" 12 Pt., Y-shank) for GE FDL Engines

This adapter is used with the T16491 30-150 lb/ft Torque Wrench to torque the front two mounting bolts on the Robert Bosch Fuel Pump. It's unique configuration escapes all the fuel lines that would normally interfere with the procedure. Once the adapter is attached to the appropriate wrench the proper torque must be set by using a Torque Tester, as the adapter itself is 8" long and will change the effective output of the wrench.



T59810

Torque Screwdriver (4-36 In. Lbs)

For Fuel Pump 5 and 7MM Nuts



T62792

Mechanical Nozzle Remover with Tip for GE FDL Engines



T63260

Fuel Pump Depressor for GE FDL Engines

This tool completely depresses the fuel pump onto its seat to allow pump mounting bolt installation. The cup that pushed the pump's threaded inlet is fitted with a brass bushing to protect against thread damage.

