

ENGINE TOOLS



VALVE WOBBLE TEST FIXTURE

The Valve Wobble Test Fixture for parallel valve Lycoming engines is used to comply with Lycoming SB-388a. Quality made of aluminum and alloy steel, it is easy to use with no set screws or feeler gauges required. Allows direct reading of wobble from dial indicator. Note: Will work on an angle valve engine.

Fixture without indicator P/N 12-21500
 Fixture with indicator P/N 12-21505



DISTRIBUTOR BLOCK SPRING INSTALLATION TOOL

This tool facilitates the proper installation of contact springs on Bendix magnetos. The O-ring locator ring assures proper location of the tool in the contact tower. Features knurled body grip and ball plunger grip. Made of alloy steel

P/N 12-21510



VALVE SPRING COMPRESSOR

This tool is used to compress valve springs during valve removal and installation. It is ergonomically designed for shop and field use and comes with special pivot pin. Features alloy steel construction with nickel plating.

P/N 12-00202



ELECTRODE SPREADING TOOL

This tool is used to increase the electrode gap on all massive electrode spark plugs. It is constructed from heat treated alloy steel and is nickel plated.

P/N 12-51520



SPARK PLUG SERVICE KIT

Our spark plug service kit includes the Precision Gap gapping tool which is easy to use, features fine thread adjuster and ball pressure tips, and works on all massive electrode plugs. Also includes the 18mm Thread Cleanout Tool with spring loaded jaws which offer maximum thread penetration & control carbon build-up in threads. Completing the Kit is a double-end Gap Plug Gauge which features an aluminum handle and is easy to use. Kit comes complete with durable birchwood storage case.

P/N 12-21525



THROTTLE SHAFT BUTTERFLY SCREW STAKING TOOL

This quality made alloy steel tool facilitates the proper staking of throttle shaft butterfly screws and eliminates the possibility of damaging the carburetor during staking. The tool can easily be operated by one person on the bench without chisels, special fixturing or hammers. All wear components are easily replaceable for long service life.

P/N 12-21528/ea.



BENDIX MAG LOCK

This Bendix Mag Lock works on S4 and S6 and other Bendix Mags. To use simply place a cotter pin loosely into lower plunger hole. Screw sleeve into magneto case. Align red slot in plunger parallel to mag tooth gear. Remove cotter pin to engage gear tooth. Dimension: 2-3/4" x 1/2" x 3/4"

P/N 12-02243



SAFETY MAGNETO LOCK TOOL

This handy tool fits most Bendix magnetos and prevents damage to distributor gear teeth brought about by accidental turning of the engine during magneto installation. Use for E gap or engine timing. Body taper locks into timing window. Polyurethane rubber throughout.

P/N 12-21535



LYCOMING TIMING POINTER

This tool is used to align timing numbers and marks to the crankcase parting line on Lycoming engines. It permits timing from the marks on the aft side of the flywheel. A spring clip holds the tool to the flywheel.

P/N 12-21540



CONTINENTAL O-200 TIMING POINTER

This tool is used to align timing numbers and marks to the crankcase parting line on the Continental O-200 engine. It is held to the propeller flange with magnets, and eliminates the need for all other timing angle devices and TDC indicators. Quality made from delrin and tool steel.

Greatly simplifies the timing of new magnetos

and periodic timing checks. P/N 12-21545



SIDEWINDER SPEED WRENCH

The Sidewinder Speedwrench specialty tool was developed to counter the frustrations of using standard socket wrenches especially in applications where excessive repetitions are required to install or remove long bolts; or where there is not enough resistance involved to allow the ratchet to function; or where there is not enough working space for efficient use of the standard ratchet wrench. The sidewinder can cut work time in half for professional mechanics and aircraft builders. Now being used by major racing teams, the Sidewinder is a revolutionary addition to every tool box.

1/4"P/N 12-21109
 3/8"P/N 12-21100
 1/2"P/N 12-21110



ENGINE OVERHAUL STAND

This inexpensive engine overhaul stand is ideal for actual overhaul and for storage of engines. Constructed of heavy duty steel, it features three legs which allow it to sit level on uneven floors and comes complete with an adapter spacer block. The stand is 24" tall with made for user installed casters and comes predrilled for Continental A-65 through O-520 series engines and Lycoming 65 through O-720 engines. A quality engine stand at an affordable price.

P/N 12-21555



ENGINE OVERHAUL STAND KIT

The engine stand kit has all of the components to construct an engine stand. Beginning at the top; the engine stand kit includes (1) The top plate. Designed to bolt down the engine flange to the stand. (2) Three legs that are pre-cut to the proper angle. (3) Three spreader bars to hold the base of the stand from spreading apart. (4) Three feet to stabilize the base and allow installation of casters. The kit is ready to weld. 24" tall when finished..

P/N 12-01364



TWISTER DAMAGED NUT & BOLT REMOVERS

These handy Twister tools work with a socket or wrench and removes nuts regardless of the stud length. No chisels, hammers, drilling, or torches are required. No more busted knuckles! The flush face design allows the remover to grip on the smallest of surfaces, and only 3/4" of working space is required. The same set works on both standard and metric damaged bolts and nuts as well as on collar and flange nuts. Deep Socket. Made from high quality tool steel.

Part No.	Nut or Bolt Size	Price
12-00152	7/16" or 10 mm	.

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