

# ENGINE TOOLS

## VALVE WOBBLE TEST FIXTURES



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 a angle valve engine.  
 Fixture w/o 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



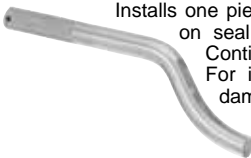
This tool is used to compress valve springs during valve removal and installation. It is ergonomically designed for shop and field use and comes with special pivot pin. Features alloy steel construction with nickel plating ..... P/N 12-00202

## VALVE LASH ADJUSTING TOOL



This tool greatly reduces the time required to adjust valves and improves the accuracy of the adjusting operation. Used on Lycoming O 235 and O 290 series engines. Quality constructed of alloy and toolsteel.  
 P/N 12-21550

## PROPELLER SHAFT OIL SEAL INSTALLER



Installs one piece stretch seals without damaging surface on seal or crankshaft. For all flange shafts per Continental Bulletin M-70-2. Also fits Lycoming. For installing one piece stretch seals without damaging surface on seal or crankshaft. 1 lbs (0.5Kg) shipping weight.  
 P/N 12-04566

## VALVE SPRING COMPRESSION TOOL



Genuine Briggs & Stratton tool used on the L-Head series engines to remove and re-install the valve spring retainer.  
 P/N 08-17411

## ROCKER ARM SHAFT REMOVAL TOOL



These simply bolt to the head and the knurled knob screws down to compress the valve spring allowing the shaft to be slid out with no spring pressure.  
 P/N 12-03227

## 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.

## BUNG NUT DRUM WRENCH



Non-Sparking Aluminum Bung Nut Wrench: Use to install or remove large and small drum plugs and install faucets. Accommodates most common bungs also, tightens or loosens drum rings.  
 P/N 08-07615

## 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

## ATS MAG LOCK TOOL



Holds Timing Gears When Removed. Works with all bendix magnetos. 1 lb (0.5Kg) shipping weight.  
 P/N 12-05509

## 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

## ALTERNATOR DRIVE COUPLING TOOL KIT



Alternator Drive Coupling Tool Kit: Designed for proper installation, removal and testing of alternator drive couplings found on many Continental Aerospace Technologies piston engines.  
 Alternator Coupling Tools are purpose-built to make it easy for mechanics to inspect this critical component and simplify coupling installation and removal. The tool kit consists of a zinc-coated coupling spanner wrench and unique coupling gear socket with steel housing and aluminum gear engagement, designed to protect the steel coupling gear from damage during maintenance. Together, these tools allow the coupling to be held in place (mounted on the alternator or free-standing) while the coupling gear slippage is checked with a calibrated 3/8" torque wrench (as specified in the engine maintenance manual).  
 For IO520 & 550 Engines.....P/N 08-17288  
 For Continental C-75/85/90/115/125/145, E-165/185/225, O-200/300, IO-240/360 series engines, in addition to Continental O-520/550 series engines.....P/N 08-17440

## ENGINE OVERHAUL STAND



This bolt together Engine Overhaul Stand, ideal for actual overhaul of engines. Constructed of heavy duty steel, it features three legs which allow it to sit level on uneven floors. Predrilled adapter for Continental & Lycoming engines. Sturdy tripod design. Assembles in minutes with a 1/2" wrench. Assembled dimensions: 24" (61cm) high, 36" (91cm) distance between legs. Includes a set of locking casters for easy mobility. Supports up to 1200 lbs (545 Kg) (static tested to 2500 lbs (1136 Kg)). Includes Adapter for Continental and Lycoming engines. MADE IN USA.  
 Overhaul Stand .....P/N 12-21555  
 Wheel Set for Stand.....P/N 12-00919

## CONTINENTAL ENGINE MAG TIMING TOOL



Aluminum CNC tool manufactured in Alaska for simple and perfect magneto timing. Simply position engine on #1 TDC compression stroke. Lube grommets. Put this tool on the top two propeller nuts and sight down top case halves to see exact mag timing. Now there's no need for propeller protractor cones!  
 TCM: 470 / 520 / 550.....P/N 12-02817  
 C-85F / C-90 / O-200.....P/N 12-05514  
 O-300: A / B / C.....P/N 12-05515

## AEROTAR LYCOMING ST-289 INTAKE PIPE SWAGING TOOL



Aerotar Lycoming ST-289 Intake Pipe Swaging Tool.....P/N 12-05310

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