**ENGINE TOOLS**

**PRECISE-GAP SPARK PLUG GAPPING TOOL**
Precise Gap is a simple tool to gap two-, three- or four electrode 16 mm sparkplugs. Only 2” overall - comfortably handheld. Precision made of stainless steel. The “T” handle adjusters move the ground electrode closer to the center electrode until wire feels tighter identifies proper gap. Adjusters have fine thread with ball tips for precise movement. Don’t buy an inferior imitation at a higher price!  P/N 12-11600 ............ $25.50

**GAP PLUG GAUGE .014 TO .018**

Many customers have indicated that they have had difficulty obtaining setting wires for gaging the plug gap. We now provide a handy tool at reasonable cost. No need to buy extra gauge sizes that you don’t need. Furnished with protective end caps.  P/N 12-17100.............. $11.75

**THREAD CLEANOUT TOOL**
In servicing spark plugs, a common problem is carbon accumulation in the jag threads. Cleaning these threads regularly can save big money by preventing thread damage and the need to pull the jag and install thread inserts. This specially designed tool works very well to limit this problem. It provides maximum depth penetration and its unique spring action assures that there will be no enlargement of the existing thread pitch diameter.  P/N 12-17200 .......... $39.70

**COMPASS ADJUSTING TOOL**
The compass screwdriver is a great little tool that is totally non-magnetic, but also overcomes the shortcomings of solid brass or aluminum tools. This tool has a nice hex aluminum handle and a stainless steel driver insert. No need to worry about damaging the tip on a frozen compensator screw, and you can also remove the cover plate screws with the same tool  P/N 12-17300 ............. $11.90

**ENGINE TOOL TRAY**
The engine tool tray is designed for aviation enthusiasts who do maintenance on their own aircraft, as well as full time mechanics. This tool tray sits on top of the push rod tubes and is protected by rubber trim on the bottom to eliminate any damage to the aircraft engine. Instead of dropping a screwdriver or a nut down between cylinder baffling, this tool tray will give you the mechanic great organization. It allows for spark plug placement, tool placement, as well as all of those pesky nuts and bolts.  P/N 12-04592 ................... $149.00

**TEMPEST AA472 OIL FILTER TORQUE WRENCH**
The Tempest AA472 oil filter torque wrench is a great addition to any toolbox. Its 1” hex allows easy installation or removal of all oil filters. The torque wrench also comes present to 17 foot pounds and is easily recalibrated.  P/N 08-07023 ................. $62.30

**THROTTLE SHAFT BUSHING KNOCKOUT**
The throttle shaft bushing removal tool is very competitively priced and will help you avoid a jury-rigged operation that could damage an expensive carburetor body. Now there is no reason not to have one. They are available and affordable.  P/N 12-16945 .............. $127.75

**S4-1 RACE REMOVAL TOOL**
A & P mechanics will find this S4 outer bearing race removal tool to be very effective and well priced. Hemispheres held together by the “O” ring are inserted together behind the bearing race. The pilot is then inserted to expand and lock the halves & push out the race. You’ll like its simplicity and ease of use.  P/N 12-17601 ................ $99.75

**S4-2 RACE REMOVAL TOOL**
The S4 magneto drive end inner race removal tool works in conjunction with a standard bearing puller. The split grip ring fits behind and around the race and is captured in the puller ring by 2 opposing set screws. A groove on the puller ring provides the point of attachment for the puller arms.  P/N 12-17603 .............. $169.75

**S4-3 RACE REMOVAL TOOL**
The S4 magneto seal installation, inner and outer race installation tool is three in one and is proportioned in such a way that it is easily accommodated by most small bench arbor presses.  P/N 12-17503 .............. $89.75

**TIMING JUMPERS**
The timing jumpers are easily used for timing magneto's without removing the breaker box cover. Simply remove the “P” lead and replace with timing jumper. Then hook up timing light leads. These handy devices have proven to be a real time saver and, in some cases, an outright necessity.  **SOLD IN PAIRS**
Bendix S4/S6 .............................................. P/N 12-17700 .......... $46.80/pr.
Bendix D2200, D3000, D3200 .......... P/N 12-17710 .......... $46.95/pr.

**MAGNETO ROTOR BEARING SETTING GAUGE**
Determines condition of excess bearing clearance and allows for precise adjustment of new bearings to prevent over or under preload. Available with or without dial indicator. Choice of 3/8-16 or 3/8-24 threaded shaft fittings.

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**ENGINE VALVE COMPRESSION / VALVE TOOL**
AEROTOOL’S dual-purpose aircraft engine valve compression and valve tool is manufactured specifically for use on Continental C65/C75/C85/C90/0200/ C0300 series cylinders, allows both intake and exhaust valve springs to be compressed simultaneously to ease removal and installation of cylinder rocker arms and rocker shaft. For removal of valve stem split locks, if that is part of the maintenance, follow the Continental Manual for instructions.

While there are other cylinder valve compression tools available, and have been for many years, they only compress a single valve (spring) at once that can make removal of the rocker arm shaft difficult especially if the shaft is stuck, which is often the case. Compressing just one valve spring can impede the process as the opposite rocker arm shaft remain constrained by valve spring tension. When either installing or removing rocker arms and the rocker shaft, applying the C-01 tool will ease and simplify the process by depressing both valve springs together, maintaining consistent and equal pressure. This process also assists shaft/rocker arm alignment during assembly.  P/N 12-04563 ................. $127.75