**ENGINE TOOLS**

**PRECISE-GAP SPARK PLUG GAPPING TOOL**
Precise Gap is a simple tool to gap two-, three- or four-electrode spark plugs. Only 2" overall - comfortably handheld. Precision made of stainless steel. "T" handle adjusters move the ground electrodes closer to the center electrode until wire feeler 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 $21.50

**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 $10.90

**SPARK ON**
The annual and 100-hour inspections are tedious, dirty and time-consuming jobs. To make your life easier, we introduced the Spark-On DC resistance tester for shielded plugs. Before installing or re-installing a spark plug its internal resistor should be checked to be between about 500 and 5,000 Ohms. Spark-On will perform these checks quickly and easily for years to come. This small, lightweight, handheld unit is simple and makes the test a breeze.

P/N 12-03526 $49.95

**THREAD CLEANOUT TOOL**
In servicing spark plugs, a common problem is carbon accumulation in the lug threads. Cleaning these threads regularly can save big money by preventing thread damage and the need to pull the lug 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 $36.85

**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 $11.50

**DIGITAL ELECTRONIC TORQUE WRENCHES**
These torque wrenches track both torque and angle measurements eliminating the need for angle gauges and protractors. Backlit screen, and teardrop sealed pivot head ratchet will. Angle measurement not affected by ratcheting. Shock resistant housing. Includes storage case. 3/8 drive range 10-100 Ft/Lbs, length 17.75 inches. 1/2 drive range 25-250 Ft/Lbs, length 26.5 inches. Torque accuracy +/- 2% CW, +/- 3% CCW from 20% to 100% full scale. Angle accuracy +/- 1% of reading. 3/8 Inch Drive P/N 12-03241 $286.95

1/2 Inch Drive P/N 12-03242 $325.00

**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 preset to 17 foot pounds and is easily recalibrated.

P/N 08-07023 $58.75

**TEMPEST AA473 OIL DRAIN TOOL**
Tired of messy oil filter changes? Tempest oil drain tool with a twist of the knob drills threaded holes in the filter and allows the oil to drain out of the filter into your container. No mess, easy to do and inexpensive. Tempest improved the popular AA473 Oil Filter Drain Tool by redesigning the swivel fitting to a smaller, more compact design. The new fitting also allows for easier use of the tool because of its "true" swivel characteristics. If you want to upgrade your previously purchased AA473 Oil Filter Drain Tool you can purchase the fitting individually. Can only be used on Tempest Oil Filters.

Oil Drain Tool P/N 12-02248 $24.70

Replacement fitting P/N 12-02577 $4.35

**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 can be joined 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 $95.75

**S4-2 RACE REMOVAL TOOL**
The S4 magneto drive end inner race removal tool works in conjunction with a standard bearing puller. The split gripper ring fits behind and around the race and is captured in the puller ring by 2 opposing set screws. A groove in the puller arms.

P/N 12-17602 $127.95

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

P/N 12-17603 $89.75

**TIMING JUMPERS**
The timing jumpers are easily used for timing magnetos 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 54/56 ............... P/N 12-17700 $45.50/pr.
Bendix D2200, D3000, D3200 P/N 12-17710 $45.50/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.

P/N 12-17800 $126.95

**STRUT LIFT JACK**
In many instances, simple tire changing, bearing packing, etc., can be a real problem unless the wheel can be lifted in a safe, secure manner. The strut lift shown accomplishes this easily. A specially designed lift pad securely captures the strut elbow or gear leg. The compact jack can be stored in your toolbox.

P/N 12-18000 $126.95

**THROTTLE SHAFT BUSHING KNOCKOUT**
The throttle shaft bearing 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 12-17400 $149.50

**SPRING TOOL**
Get a handle on those springs! The "C" shaped tip fit the bend in spring end and won’t slip. Can be used to install and remove springs on anything!

P/N 12-16945 $12.95

**Prices Subject to Change Without Notice**