

## **AUTOMOTIVE TOOLS**







### **POWER CLEAN™ FLUSH TOOL**

#### CLEANS ENGINE COOLING SYSTEMS COMPLETELY AND THOROUGHLY

Inadequate flushing can ruin a newly installed water pump and result in warranty problems and frustrated customers. Perform a complete cooling system flush by using clean water and compressed air. The Power Clean™ Flush Tool "water hammers" accumulated sludge and scale deposits without the use of harsh chemicals or solvents. It cleans radiators, heat exchangers, hoses and engine blocks more effectively than conventional flushes, maintains system integrity and ensures warranty coverage on replacement parts, including water pumps. The Power Clean™ Flush Tool's patented process uses fixed dimensional control of the air and liquid flow paths. The process allows air to pressurise the water creating a pulsating action to scrub deep into corners and crevices, eliminating trapped debris.

- > Pulsating gun assembly with pre-set regulator
- > Water line backflow preventer
- > Large rubber tip for radiator necks and direct flushing of the engine block
- > Small rubber tip on whip hose for direct access to heater core tube stubs.
- > 1.6cm and 1.9cm heater hose barbs for flushing heater cores or engine blocks
- > Durable protective storage case with room for additional items

#### **Part Numbers:**

91002 - Power Clean™ Flush Tool 91002-9 - Power Clean™ Accessory - Heavy Duty Cone





#### COOLANT & BATTERY REFRACTOMETER

#### MEASURES CONCENTRATION OF COOLANT MIXTURE IN ENGINE

Place small sample of coolant on lens, then hold lens up to light source. Light bends through liquid, providing an accurate reading on scale.

- > Measuring coolant concentrations is essential to cooling system maintenance
- > Most technicians use hydrometers to test coolant concentration via gravity or floating ball scales
- > Hydrometers must be temperature corrected, and may give false readings when testing new, propylene-based coolants
- Sates refractometer automatically corrects for temperature on both types of coolant (ethylene and propylene glycol) while measuring battery charge levels

Part Number: 91001

## AUTOMOTIVE TOOLS



# HAND-HELD HOSE CUTTER & REPLACEMENT BLADES

#### MAKES CLEAN CUTS WITH NO RAGGED EDGES

Cuts most non-metal reinforced rubber hoses up to 75mm I.D. Excellent for cutting thin walled flexible pipe, PE and PVC pipe (up to 38mm) used in sprinkler systems.

- > Hand held hose cutter and blades
- > Lightweight with nylon handles
- > Blade closes into handle for safety
- > Use small cutter for hoses up to 38mm I.D.
- > Packaging: Cutter and blades individually packaged on shrink-wrapped cards ready for pegboard display

#### **Part Numbers:**

91143 - Large I.D. Hose Cutter

91144 - Large I.D. Cutter Replacement Blade

91153 - Small I.D. Cutter

91154 - Small I.D. Cutter Replacement Blade



#### **FLEXI DRIVER**

#### ALLOWS FOR EASY INSTALLATION OF HOSE CLAMPS IN CONFINED SPACES

- > Flexible shaft and non slip handlle provides 90 degree access and works best in hard to reach places.
- > Hex head allows for easy clamp installation

#### PART NUMBERS:

GFD-1 - 6mm & 8mm interchangeable socket

- Suitable for Perforated band hose clamps

**GFD-3** – 6mm & 7mm interchangeable socket

- Suitable for Non Perforated band hose clamps



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#### **COOLING SYSTEM PRESSURE TESTER**

## CONTAINS ALL THE COMPONENTS NEEDED TO CHECK COOLING SYSTEMS AND RADIATOR CAPS

- > Lightweight, impact resistant analyser
- > Pressure release button on easy to read gauge allows for safe venting of system during testing. This is a precision instrument designed to locate leaks and pressure cooling system problems.
- > The gauge includes cap testing, pressure ranges 17-19lbs, 20lbs and 28lbs.
- The head also includes a pressure release bar to allow the release of pressure build up before moving from neck.
- > Packaging: Individually boxed.

Part Number: 12270



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