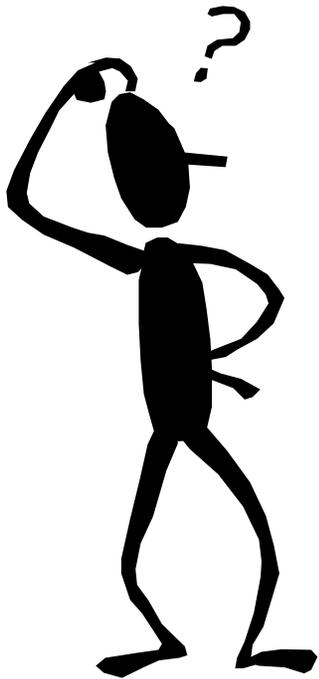




Tool ID Review

INSTRUCTIONS: The following screens contain a series of questions and answers you should know about this subject. Read the stem of the question, review your notes, and then write down the answer the question. The correct answer can be found on the next screen. Review and compare your answer with mine. If they match... Great! If they don't... You have some studying to do before you take the module exam.

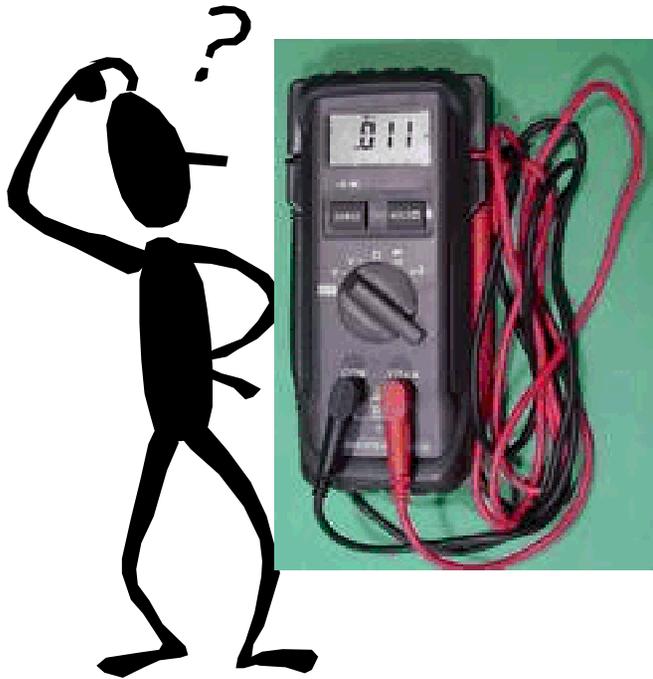
What is the name of the tool shown below?



Well... It isn't wire strippers... and it isn't mini-diagonal cutters... and it isn't hemostats or long nose pliers. The only thing that it could be is a type of wrench. Since it has an adjustment... it's an adjustable wrench.



The multimeter shown below measures what electrical quantities?



The electrical quantity that a multimeter can measure is determined by the settings available on its function switch. For this meter, it's the big dial in the center. Although some expensive multimeters can also measure frequency and capacitance, this particular multimeter measures voltage, current, and resistance. That's enough for most any computer technician.

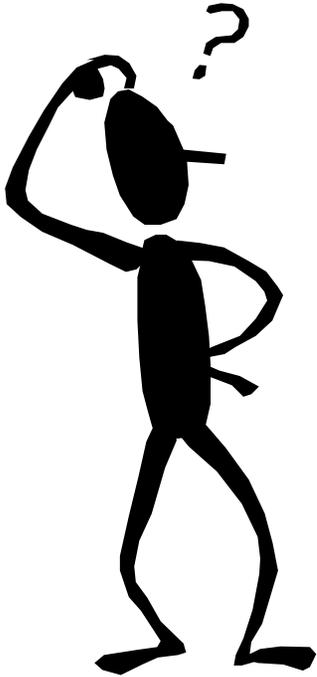


What tool is sometimes called slip-joint pliers?



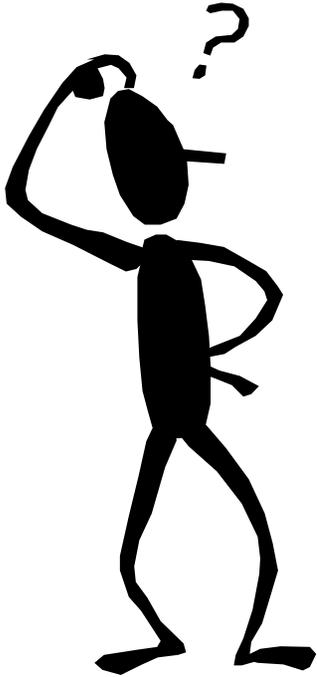
Ignition wrenches are very cool little tools. They're like a miniature channel-lock pliers and are used to grip small hex-head nuts and bolts like a wrench. They get their name because they're ideal for working on automobile distributors (ignition system). The thing is... The ignition wrench doesn't really act like a wrench. In fact, it acts more like a pliers than anything else. Since the lower jaw slips up and down to accommodate various sizes of nuts and bolts... it's also called a slip-joint pliers.

Identify the item below:



Well... Methyl Ethyl Chloride might sound awful important. But this isn't MEC. Nor is it spray detergent or and air horn. It's compress air... or sometimes it's called a duster. In either case, it's used to blown away dust and debris and is very useful in computer service and support work.

What type of screwdriver has a plus (+) shaped tip?



Standard, Common, and Slotted are all names given to what some people call (incorrectly that is) a flat tip screwdriver. There are a couple names given to crossed tip screwdrivers. Phillips is one... Reed and



Prince is another. Incidentally... The only names you should use when referring to screwdrivers is Phillips, Common, or Standard. Don't say flat or crossed tip. The industry doesn't use these terms and neither should you.

What is the appropriate method for using spray detergent to clean electrical equipment surfaces, seams, and openings?



You have to remember that computers are electrical items. If the solution gets into the circuitry there will be fireworks. You'll destroy the equipment and you can get hurt as well. Always spray the detergent onto an applicator like a wipe, brush, or swab first... Then clean the item. Be sure to wipe away the excess.



Which tool has a shaft and handle like a screwdriver and a hexagonal socket tip for use with hexagonal-head screws and nuts?



This is kind of a tricky question. First let's get rid of the possible wrong answers. Keys are tools that are inserted into a fastener much like a key is inserted into a lock. Hex and spline keys grip the fastener



from inside its head. On the other hand, the socket wrench grabs the hex-head nut and bolt from the outside edge of the fastener, but it doesn't have a handle like a screwdriver. Socket wrenches use a ratchet handle to turn the fastener at a 90 degree angle. The nut driver is sometimes called a spin-socket and

it works like a screwdriver to turn hex-head nuts and bolts.

What is the name of the tool shown below?



Very cool tool... Especially if you have a small part you need to hold in place while you're tightening a screw. I wonder if that's why it's called a parts holder?



What is the worst thing that can happen if you concentrate and inhale the propellant from a can of compressed air?



The propellant in compressed air is toxic. Concentrating the propellant and exhaling it will not get you high but can make you dead. It can give you a stroke and will cause brain damage even in the smallest quantities. Don't be stupid... Don't use inhalants.



Which MULTIMETER test determines whether there is a continuous electronic path from one point to another?



Although a resistance test can show you that there is continuity between two points, the continuity test is a better choice because you get an audible feedback when there is continuity. Voltage checks with a multimeter have to be done with a circuit



that's powered up and is of no use when checking for continuity. Multimeters don't measure impedance and impedance checks are useless in determining continuity.