

HIGHBROW HAND TOOL THEATRE

GOOD EVENING, HAND TOOL DEVOTEES, WELCOME TO ANOTHER EXCEEDINGLY STUFFY EPISODE OF *HIGHBROW HAND TOOL THEATRE*.

I'M ALISTAIR RACHET, YOUR POMPUS HOST.



TONIGHT'S EAGERLY AWAITED INSTALLMENT SHALL BEGIN PRESENTLY.

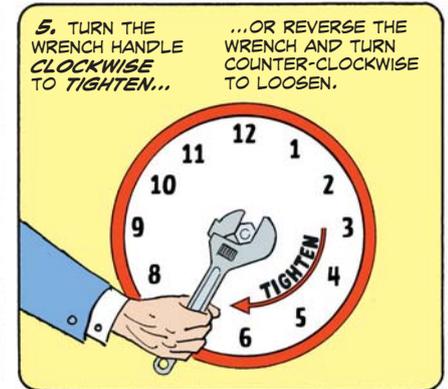
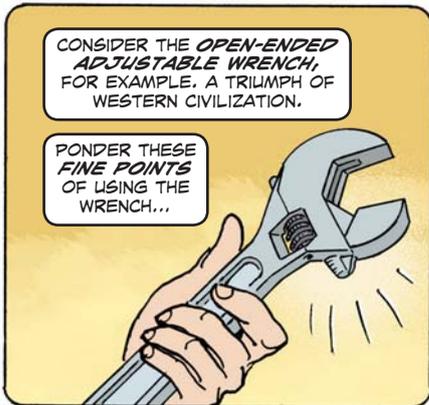
BUT FIRST, LET US PAUSE FOR A MOMENT OF CALM REFLECTION ON THE CORRECT USE OF *HAND TOOLS*.

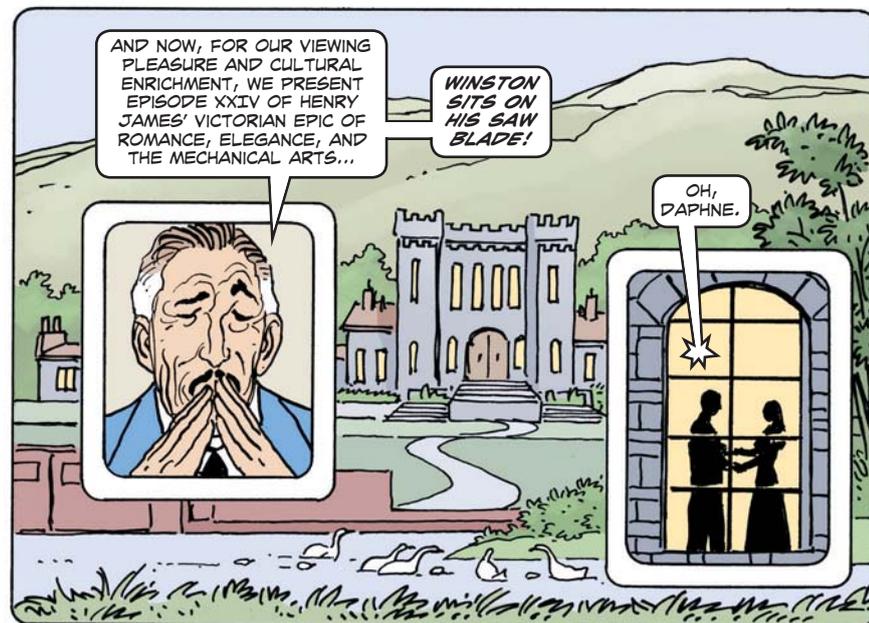
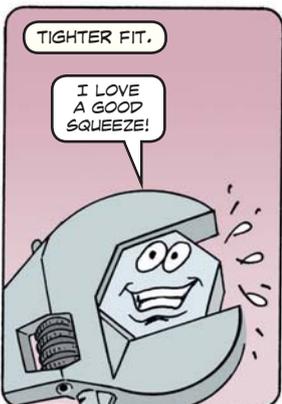


ONE DOES NOT SIMPLY SNATCH UP A HAND TOOL AND START BRANDISHING IT ABOUT.

HOW *VULGAR*. AFTER ALL, WE'RE NOT *BARBARIANS*.







MY ARTISTIC SENSIBILITIES TINGLE WITH PROFOUND PLEASURE AT THIS GLORIOUS EPIC.

WHAT FURTHER THRILLS AWAIT US, I WONDER?

WE SHALL RETURN TO TONIGHT'S PRESENTATION IN A FEW MOMENTS. BUT, FIRST, I WISH TO MAKE SOME CUTTING-EDGE REMARKS (AHEM) ABOUT A SMALL BUT MIGHTY TOOL...

...THE HACK-SAW.

A HACKSAW IS USED TO CUT TUBING, BOLTS AND SMALL METAL PARTS.

PULL THE SAW BACK SLOWLY AND LIGHTLY. ONCE YOU'VE MADE A CUT...

...GRIP THE FRONT OF THE FRAME WITH ONE HAND TO GUIDE THE BLADE AND APPLY PRESSURE.

THE SAW CUTS ONLY WHEN PUSHED FORWARD, SO APPLY PRESSURE ON THE FORWARD STROKE. LIGHTEN PRESSURE ON THE BACKWARD STROKE.

IT HAS A HANDLE ATTACHED TO A METAL FRAME. THE FRAME FASTENS TO BOTH ENDS OF A SAW BLADE.

YOU MUST KEEP THE BLADE TIGHT OR IT WILL BREAK.

THE SAW TEETH SHOULD FACE AWAY FROM THE HANDLE.

WHEN YOU BEGIN SAWING, GUIDE THE BLADE WITH YOUR THUMB, BUT **BE CAREFUL** NOT TO TOUCH THE BLADE TEETH.

AND USE LONG, SLOW STROKES. **NEVER** FORCE THE SAW; THAT CAN **PULL** THE TEETH.

SAW BLADES COME IN A VARIETY OF TEETH SIZES, KNOWN AS **PITCH**. PITCH IS MEASURED IN TEETH PER INCH (TPI). HACKSAW BLADES USUALLY HAVE 18 OR 24 TPI.

WHAT'S THE RULE OF THUMB FOR WHICH PITCH TO USE?

CHOOSE A BLADE THAT ALWAYS HAS AT LEAST TWO TEETH IN CONTACT WITH THE METAL.

THAT MEANS YOU USE A BLADE WITH A LOWER PITCH TO CUT THICK METAL, AND ONE WITH A HIGHER PITCH TO CUT THIN METAL OR TUBING.

