



UNIVERSITY MOTORS

MG Repair Tools Inventory

By John H Twist



SAFETY EQUIPMENT

- Gloves
- Shoes
- Eye Protection
- Air Mask

HAMMERS

- Small ball peen
- Brass
- Large lead for knockoffs
- 5lb for large work
- Dead blow
- Mallet with softer face

ELECTRICALS

- 12v Test Light
- Jumper wires
- Jumper cables
- Battery Post Cleaner
- Battery Post Expander
- Extension Cords
- Hydrometer
- Timing Light
- Tach/Dwell
- Ohmmeter
- Spark Plug Pliers (Chicken Pliers)
- Electrical Pliers (for stripping)
- Remote Starter Switch
- Soldering Iron / Soldering Gun

LAMPS (Electric Torches)

- Fiberoptic or "Butt Light"
- Regular Flashlight
- "Trouble Light"

MEASURING TOOLS

- Tiny feeler gauges
- Regular feeler gauges
- Long feeler gauges (for cylinders)
- Spark plug gapper
- Thread gauge
- Metal rule (for straight edge)
- Folding or tape measure
- Vernier (or dial) calipers
- Micrometer - 1" 2" 3"
- Tire Pressure Gauge
- Compression Gauge
- Battery Hydrometer
- Antifreeze Hydrometer

EXTENDERS

- One-foot pipe
- Five-foot pipe

SCREWDRIVERS

- Flat, Phillips, Posidrive
- Variety of lengths and sizes
- Easy Out Screw & Bolt Extractor

CHISELS

- Tiny Medium and Large Sharp
- Large Blunt

ALLEN WRENCHES

- 1980 MGB APPLICATION ??

CARBURETTER TOOLS

- Stromberg Adjuster
- SU Wrench
- Float Height Adjuster
- Unisyn (or length of tubing)

MAGNETS

- Horseshoe or old speaker
- Extendable arm
- Flexible (or malleable) arm

MIRROR

- Small looking glass
- Extendable arm

HONES

- Two stone
- Three stone
- Dingleberry

PROPANE TORCH

- Torch Cleaning Kit

SCRAPERS

- Long narrow
- Wide

PUNCHES

- Prick
- Variety of sizes

CUTTING TOOLS

- Utility Knife
- Whetstone
- Single Edged Razor Blades
- Hacksaw & Blades
- Half Hacksaw

TAPS & DIES

- BSW FRENCH METRIC
- BSF UNC
- BSP UNF
- BA Thread Files
- Thread Chasers

TIRES

- Pressure Gauge
- Valve Changing Tool

PLIERS

- Vise Grips, Straight, Curved, Bird Beak
- Regular with slotted jaws
- Side cutters / Diagonal Pliers
- Needle Nose - small & large
- Tin Snips (left or right hand!)
- Snap Ring (Circlip) - large & small -
 inside & outside - straight/45/90
- Ring expander
- Weenie insulated
- Large Channel Locks

SPANNERS (WRENCHES)

- Ring Spanner (Combination Wrenches)
 BSF 3/16 -> 1/2"
- AMERICAN 1/4 -> 1 1/8"
- Line Wrenches 7/16" 5/8"
- Offset 7/16" 1/2"
- Oversize 1 5/16"
- Metric 10mm 13mm
- Crescent - US and Metric
- Inexpensive 7/16 & 1/2 ground down thin
- Hex 1/4" offset for rear MGB brakes

SOCKETS

- Ratchet / Breaker Bar / Screwdriver Handle
- Speed Wrench / Thumb Ratchet (1/4" only)
- In Line Ratchet (1/2")
- Extensions from 1" to 18"
- 12 Point Shallow
- 6 Point Deep
- Spark Plug Socket
- BSF 3/16 - 7/8
- AMERICAN 1/4 - 1 5/16
- 1/4" - 3/8" - 1/2" Drive

SPECIAL USE

- Screwdriver Blades - Straight & Phillips
- Crow Foot 7/16" (Brake Lines)
- Adaptors (1/4 -> 1/2 -> 1/4)
- Torque Wrench (Swinging Arm or Click Torque)
- Octagon Wrench (Wire Wheels)

ELECTRIC DRILL - Variable Speed / Reversible

- ___ Drill Bits 1/64 -> 1/2
- ___ Standard Length & Long 1/4" 5/16"

DIE GRINDERS

- ___ Cut-off wheels
- ___ Sanding discs

FILES

- ___ Coarse & Fine & File Brush & Chalk

CLEANING EQUIPMENT

- ___ Long, slim Rifle or Bottle Brushes
- ___ Toothbrush - steel & brass
- ___ Handheld brush, long and short
- ___ Sandpaper sponge
- ___ Flat steel stock for surfacing

CLAMPS

- BROOM & DUSTPAN
- OIL CAN
- SHOCK OIL CAN
- GASOLINE CAN
- AIR COMPRESSOR
- PADDLE JACK
- JACK STANDS
- HEAVY WORKBENCH
- VICE

SPECIAL TOOLS

- ___ Church Key
- ___ Tweezers
- ___ MGB Brake Adjuster Tool RB404
- ___ Brake Line Flaring Tool
- ___ Tubing Cutter
- ___ Valve Lapping Tool & Compound
- ___ Hole Punch Kit
- ___ Lucas Bezel Tool
- ___ Pickle Fork
- ___ Oil Filter Wrench
- ___ Clutch Alignment
- ___ Scribes (Dentist Tools)
- ___ "Nose Picker"
- ___ Dust Cap WW Removal Tool for MGB/ MGC/ Midget