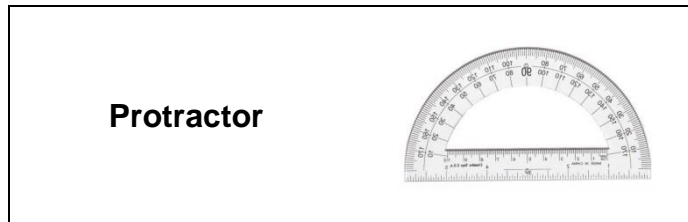


WHAT YOU WILL NEED...

Apart from the typical tools you will need (assorted wrenches, sockets, hammers, screw drivers, slide calipers, feeler gauges, and the like...), there are some specialized tools you will also require:

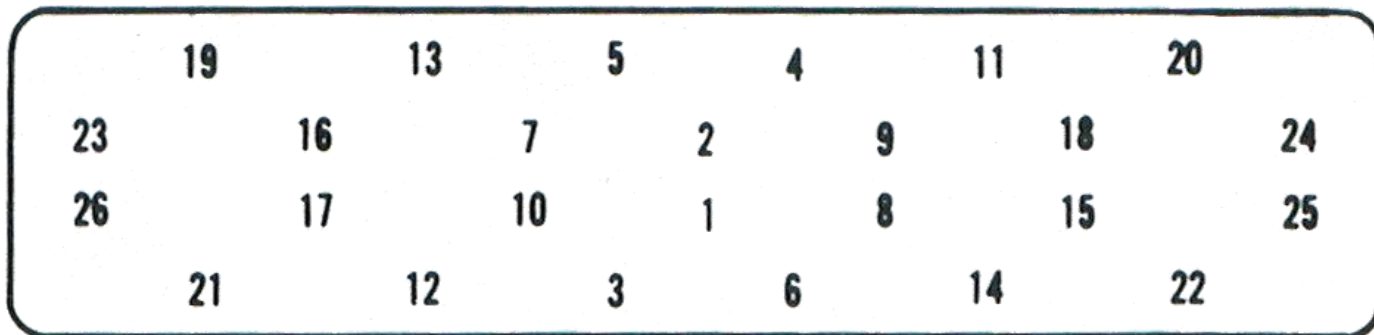


Also, it is a good idea to have some type of cleaning and/or degreasing solution on hand as well as lint-free rags. One of the most important aspects of engine assembly is, **KEEP IT CLEAN!**

ENGINE BUILD SPECIFICATIONS – INTERNATIONAL® DT414

MAIN CAP BOLTS:	115 ft/lbs
CONNECTING ROD BOLTS:	130 ft/lbs
FLYWHEEL BOLTS:	123 ft/lbs
VIBRATION DAMPER:	125 ft/lbs
CYLINDER LINER PROTRUSION/RECESSION:	Protrusion: .002" - .005"
PISTON PROTRUSION:	.007" - .030" Above
CRANKSHAFT (TRUST) END PLAY:	.006" - .012"
INJECTOR CLAMP BOLTS:	20 ft/lbs
VALVE CLEARANCE (Set Cold):	Intake: .025" Exhaust: .025"
CYLINDER HEAD BOLTS:	110, 165 ft/lbs

CYLINDER HEAD TORQUE SEQUENCE:



← FRONT

INTAKE SIDE

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