

## General Tools

### Tools:

1. Inch pound torque wrench 0 to 250 in/lbs
2. Allen wrench set including 2.5, 4, 5, 6, and 8mm
3. Ball wrench set including 5 and 6mm at least
4. Open end wrenches 7, 8, 10, 13, 17, and 19mm
5. Regular and Phillips screwdrivers
6. 3/8" drive hex bit set including 2.5, 4, 5, 6, and 8mm
7. 5/8" or 13/16" spark plug sockets depending on spark plug size
8. Wrist pin puller (optional, only needed if removing pistons)
9. Ring Compressor for 72mm or 76mm diameter pistons
10. 3/8" drive ratchet
11. Piston Ring Remover (optional)
12. 3/4" socket
13. 24mm socket
14. T25 and T20 torx bits (FI engines only)
15. Spark plug gap setter/checker
16. Soft faced hammer and ball peen hammer
17. Timing light (optional)
18. Exhaust spring remover and installer
19. 0-250 ft/lbs torque wrench (optional used only flywheel nut and G-50)

### Materials

1. Loctite 242 or 243 blue
2. High temp anti-seize
3. Acetone
4. Hylomar gasket dressing (Permatex 25249)
5. Assembly lube (straight 2 cycle oil)
6. Aviation form-a-gasket (Permatex 3D)
7. Loctite 271 red
8. Loctite 518, 574 or equivalent (block sealant)
9. Mild acid (used to remove

### Specialty Tools

#### Specialty tools (available at RPE):

1. Flywheel puller
2. Base nut torque wrench (preset to 19 ft/lbs)
3. Seal setters W137
4. Crankshaft PTO bearing spacer
5. 17mm Allen wrench G-50 gearbox
6. Snap ring pliers
7. Dial indicator and holder for timing
8. 40mm socket for prop shaft nut