

Automotive Technology – Honda PACT
Required Tool List

Digital volt-ohmmeter – Fluke 88
10” mill file with handle
¼” drive metric socket set (shallow)
¼” drive metric socket set (deep)
 (5.5, 7, 8, 10, 12, 13mm suggested)
¼” drive ratchet and extensions
¼” driver handle
¼” drive swivel adapter
3/8” drive ratchet and extensions (3”, 6”, 12” suggested)
3/8” drive metric socket set (shallow)
3/8” drive metric socket set (deep)
 (8 – 19mm suggested)
3/8” drive swivel adapter
3/8” drive breaker bar
Spark plug socket 13/16”
Spark plug socket 5/8”
½” drive ratchet and extensions (5”, 10” suggested)
½” to 3/8” adapter
½” drive swivel adapter
½” drive shallow socket set – metric (12mm – 24mm suggested)
½” drive breaker bar
½” drive reversible (flip) impact wheel lug nut sockets with impact extension
 (19-21mm, ¾-13/16”)
Torx bit set for ¼” and 3/8” drive (10t to 55t)
8” adjustable wrench
Fractional hex key set
Metric hex key set
Drum brake shoe hold-down spring tool
Drum brake shoe return spring tool
Ball-peen hammer (16 oz. minimum, 24 oz preferred)
Dead blow hammer (24 oz.)
Plastic hammer
Fender cover
12 volt test light ignition spark tester (able to test coil over ignition systems)
Feeler gauge set, standard
Feeler gauge set, metric
Spark plug gap tool/s
Tire valve core tool (handle type preferred)
Tire pressure gauge
Tire air inflation chuck
Blow gun (OSHA approved)
Utility knife
Hacksaw

Gasket scraper
Oil filter wrench/s. must be able to remove various size oil filters
Metric combination wrench set (8mm – 19mm suggested)
Fractional flare nut wrench set ($\frac{1}{4}$ " – $\frac{13}{16}$ ")
Metric flare nut wrench set (9mm – 21mm)
Screwdriver set (to include blade and phillips)
Magnetic pick-up tool
Punch and chisel set
Needle-nose pliers
Diagonal pliers (wire cutters)
Combination pliers
Channel-lock pliers
Wire crimper/stripper pliers
Vise grip plier set (including needle nose)
Snap ring plier set (inner and outer)
Angled pry bar with handle (18" minimum)
Inspection mirror
Mini-mag light with batteries
Safety glasses
Mechanics gloves
Oxy/acetylene welding glasses
 $\frac{1}{2}$ " drive click type torque wrench
 $\frac{3}{8}$ " click type torque wrench
Stethoscope

Small roll cabinet – **not to exceed 34" in length**

RECOMMENDED Optional Tools – NOT Required

$\frac{1}{2}$ " drive metric impact socket set (shallow)
 $\frac{1}{2}$ " drive metric impact socket set (deep)
 $\frac{1}{2}$ " drive metric (chrome) socket set (deep)
 $\frac{1}{2}$ " drive fractional (chrome) socket set (shallow)
 $\frac{1}{2}$ " drive fractional (chrome) socket set (deep)
 $\frac{1}{2}$ " drive air operated impact wrench
 $\frac{3}{8}$ " drive metric impact socket set (shallow)
 $\frac{3}{8}$ " drive metric impact socket set (deep)
 $\frac{3}{8}$ " drive fractional (chrome) socket set (shallow)
 $\frac{3}{8}$ " drive fractional (chrome) socket set (deep)
 $\frac{3}{8}$ " drive air operated impact wrench/ratchet
 $\frac{1}{4}$ " drive deep and shallow socket set – fractional ($\frac{3}{16}$ – $\frac{9}{16}$ suggested)
Rubber mallet
Fractional combination wrench set ($\frac{3}{8}$ " - 1" suggested)

Revised 6/12

