

## **Honda Automotive Technology – Honda PACT Required Tool List**

Digital volt-ohmmeter – Fluke 88-5A kit with blow molded case  
10” mill file with handle  
10” round file 3/8  
Wire Brush  
1/4” drive ratchet  
1/4” drive metric socket set (shallow) (5-14mm required)  
1/4” drive metric socket set (deep) (5-14mm required)  
1/4” drive ratchet and extensions (2”, 4”, 6” minimum)  
1/4” driver handle  
1/4” drive swivel adapter  
3/8” drive ratchet  
3/8” drive extensions (3”, 6”, 12” minimum)  
3/8” drive metric socket set (shallow) (8 – 19mm required)  
3/8” drive metric socket set (deep) (8 – 19mm required)  
3/8” drive swivel adapter  
3/8” drive breaker bar  
Spark plug socket 13/16”  
Spark plug socket 5/8”  
1/2” drive ratchet  
Extensions (3”, 5”, 10” minimum)  
1/2” drive swivel adapter  
1/2” drive shallow socket set – metric (12mm – 24mm minimum)  
1/2” drive metric (chrome) socket set (deep)  
1/2” drive breaker bar  
1/2” drive metric impact socket set (deep)  
1/2” drive reversible (flip) impact wheel lug nut sockets with impact extension (19-21mm, 3/4-13/16”)  
Torx bit set for 1/4” and 3/8” drive (10t to 55t)  
Metric combination wrench set (8mm – 19mm suggested) Not ratcheting  
Fractional flare nut wrench set (1/4” – 13/16”)  
Metric flare nut wrench set (9mm – 21mm)  
8” adjustable wrench  
Metric Allen Bit set  
Drum brake service kit  
Rotor Micrometer Metric  
Brake pad thickness measuring tool  
Ball-peen hammers (16 oz. minimum, &24 oz preferred)  
Dead blow hammer (24 oz.)  
Plastic hammer  
Rubber mallet  
Fender cover  
12-volt test light ignition spark tester (able to test coil over ignition systems)  
Feeler gauge set, straight metric  
Feeler gauge set, bent metric  
Spark plug gap tool/s

Tire valve core tool (handle type preferred)  
Tire pressure gauge/inflator (all in 1 unit)  
Blow gun (OSHA approved)  
Oil filter wrench/s. must be able to remove various size oil filters  
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  
Large 16" minimum channel lock pliers  
Wire crimper/stripper pliers  
Vise grip plier set (including needle nose)  
Snap ring plier set (inner and outer) (Plier sets preferred over pliers with replaceable bits)  
Angled pry bar with handle (18" minimum)  
Inspection mirror  
Flashlight/work light with rechargeable batteries (2) 200 lumens and above  
Safety glasses  
Hearing protection ear muff style  
Mechanics gloves  
Oxy/acetylene welding glasses  
Work Shoes with leather uppers and rubber soles (steel toe recommended)  
1/2" drive click type torque wrench  
3/8" click type torque wrench  
Stethoscope  
Hose removal pick  
Small pick set  
Small roll cabinet – **not to exceed 34" in length**  
1/2" drive air operated impact wrench  
Hacksaw  
Utility Knife  
Tape Measure US and Metric

Professional tools are required from quality tool vendors. Examples of recommended tool vendors- Snap-On, Mac, Matco, Bragg (Gear Wrench), Cornwell, S&K, Craftsman.  
See Program Coordinator for assistance with any tool questions.

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