

DMACC ASSET PROGRAM Required Tool and Supply List

These tools should be of professional quality and should meet the standards of the automotive industry. It is suggested that students insure their tools. DMACC does not insure student tools.

1. Tool box (suitable to house the following tools - a roller cabinet is suggested.)
2. 1/2" drive socket/ratchet set to include:
 - 12mm thru 36mm metric sockets
 - breaker bar
 - extensions

Optional; 7/16 thru 1 1/8 Standard socket set
3. 3/8" drive socket/ratchet set to include:
 - 1/4" thru 3/4" Standard sockets – short or medium length
 - 8mm thru 24mm metric sockets – shallow and deep
 - 9/16" and 5/8" deep plug sockets
 - 5/8" and 13/16" spark plug socket
 - Extensions
 - Universal joint
4. 1/4" drive socket/ratchet set to include:
 - 4 mm thru 15mm metric sockets – shallow and deep
 - Nut driver handle
 - Extensions
 - Universal joint
5. Wrenches to include:
 - 1/4" thru 1 1/8" combination, SAE
 - 7mm thru 24mm combination, metric
 - 3/8" thru 5/8" line, SAE
 - 10mm thru 18mm line, metric
 - Ratcheting wrenches 8mm thru 21mm
6. Standard and Phillips screwdriver set
7. 3 piece Pry bar set
8. Torx bits/drivers set to include the minimum of:
 - T8 thru T60 drive torx bits
 - T8 thru T30 screwdriver
9. Chisel & punch set to include 8" brass drift punch
10. Pliers to include:
 - 7" to 8" needle nose
 - 9 1/4" water pump (slip joint)
 - 7" to 8" diagonal
 - 10" locking pliers
 - 7 1/4" pliers
11. Snap ring locking pliers
 - 10" length opens to 1 1/4"
 - inside and outside True Arc
12. Hammers:
 - Dead blow – minimum 16 oz., recommend 24oz.

Ball peen 16 oz. & 32 oz.
Soft headed hammer

13. Tire pressure gauge, 0 – 100psi, digital **Quality**
Tire tread depth gauge, 1/32” increments
Valve core remover – dual, small - large
14. Brake tools:
Brake retainer washer tool, large and small cup
Disc Brake caliper depressor
Optional; Brake adjusting tool - 8”, Brake spring pliers
15. Hex socket set
1/16” thru 3/8” hex
1.5mm thru 10mm
16. Feeler gauge
.0015 - .080”
17. Spark plug gap gauge
.035” - .080”
18. 1 1/2” x 3 3/8” heavy duty gasket scraper
19. Plastic scraper
20. 6” wire stripper/crimping tool, 10 to 20 gauge
21. 12 volt test light
22. Blow gun
23. Air chuck
24. 6” pocket steel ruler Optional
25. Hacksaw frame with blades listed below - Optional
4 - 18TPI blades
4 - 24TPI blades
26. 10” Flat hand file with handle
27. Flash light with batteries
28. Oil filter wrenches (should fit small and large filters) Claw / sockets
29. Universal terminal release tool (pick set)
30. Thread pitch gauge, Standard and metric. Plastic or metal
31. Quick disconnect tools
32. Magnetic pick up tool
33. Inspection mirror
34. 12 foot minimum steel measuring tape - optional
35. Safety glasses (not goggles)
36. Magnetic parts tray

37. Torque wrench capable of 150 ft lb

38. DVOM (Digital Volt Ohm Meter)

Optional tools

0" to 6" Digital caliper, Torque Sticks, Impact, Dial Indicator