

General Tool Set# GTS

- 1 3/8" Dr. Shallow Socket Set (6pt.) 1/4-7/8" 11Pcs.
- 1 3/8" Dr. Deep Socket Set (6pt.) 1/4-7/8" 11Pcs.
- 1 3/8" Dr. Shallow Metric Socket Set (6pt.) 8-19mm 12Pcs.
- 1 3/8" Dr. Deep Metric Socket Set (6pt.) 8-19mm 12Pcs.
- 1 3/8" Dr. Spark Plug Socket 13/16"
- 1 3/8" Dr. Spark Plug Socket 5/8"
- 1 3/8" Dr. Extension 3" (Knurling at drive end for easy finger tip turning)
- 1 3/8" Dr. Extension 6" (Knurling at drive end for easy finger tip turning)
- 1 3/8" Dr. Extension 11" (Knurling at drive end for easy finger tip turning)
- 1 3/8" Dr. **Flex Head** (HSS) Sealed Ratchet 11-1/4"
- 1 3/8" Dr. Universal Joint
- 1 3/8" Dr. Torx Set T15 to T55 (9 Pcs.)
- 1 Combination Wrench Set (12pt.) 3/8-1" 11Pcs.
- 1 Combination Wrench Set-Metric (12pt.) 10-19mm 10Pcs.
- 1 Combination Wrench (12pt.) 6mm
- 1 Combination Wrench (12pt.) 7mm
- 1 Combination Wrench (12pt.) 8mm
- 1 Combination Wrench (12pt.) 9mm
- 1 Wrench Organizer - RED
- 1 Wrench Organizer - BLACK
- 1 Flare Nut Wrench Set (6pt.) 3/16-5/8" 5Pcs.
- 1 Metric Flare Nut Wrench Set (6pt.) 9-21mm except 20mm
- 1 3/8" Dr. Torque Wrench w/Ratchet Head (20-100 FT. LBS.)
- 1 L Hex Wrench Set (.050-3/8") 13Pcs.
- 1 L Hex Wrench Set-Metric (2-12mm) 11Pcs.
- 1 Plier Set- Includes: dia. cutters, needle nose, slip joint & adj. joint pliers
- 1 Vise Grip 7"
- 1 File Handle
- 1 Mile File 9 1/2"
- 1 Adjustable Wrench 10"
- 1 Screwdriver Set, Soft Grip, **RED** (Standard and Phillips) 8Pcs.
- 1 Pocket Screwdriver
- 1 Radiator Hose Removal Tool
- 1 Blow Gun-Pistol Grip
- 1 Rubber Tip for Blow Gun
- 1 Flat Tip Screw Starter
- 1 Phillips Screw Starter
- 1 Punch and Chisel Set 15 Pcs.
- 1 Caping Chisel
- 1 Feeler Gauge Set (Std.&Metric) 25Pcs.
- 1 High Output LED Stylus Pro Penlight, 65 Lumens (uses 2 AAA batteries)
- 1 Gasket Scaper 12"
- 1 Ballpeen Hammer 12oz.
- 1 Bronze Tip Hammer 16oz.
- 1 Dead Blow Hammer 24oz.
- 1 Hacksaw

- 1 Rectangular Inspection Mirror
- 1 Retractable Box Knife
- 1 Flexible Pick-up Tool (Magnetic)
- 1 Flexible Two-Claw Pick-up Tool
- 1 Remote Starter Switch
- 1 Oil Can
- 1 1/2" Dr. Air Impact Wrench (600/810 Ft. lbs. / Max Torque: 1,190 ft. lb.)
- 1 3/8" Dr. Super Duty Air Ratchet (Max. Torque 70 Ft. lbs.)
- 1 Bronze Drift 8"
- 1 Tape Measure 12'
- 1 Fender Cover
- 4 Male Adaptor
- 2 Lady Foot Prybar 16"
- 1 Tire Pressure Gauge
- 1 Dual Foot Air Chuck
- 1 6-12 Volt Circuit Tester
- 1 Engraver (110volt) Incl. Solid Carbide Tip
- 1 1/2" Dr. Torque Wrench w/Fixed Head Ratchet (50-250 FT. LBS.) --> **Consider the Electronic Type**
- 1 Electronic Digital Caliper 0-6" (0mm-150mm) in 0.0005" (0.01mm) resolutions.
- 1 Ballpeen Hammer 40oz.
- 1 Automotive Digital Multimeter w/ True RMS
Includes: test leads, temperature probe, inductive pick-up & soft carry case
- 1 Mechanics Stethoscope

Chassis Tool Set# CTS-1

(Has **NOT** taken Engines Class)

- 1 1/2" Dr. Impact Extension 3"
- 1 1/2" Dr. Impact Extension 6"
- 1 1/2" Dr. Impact Extension 12"
- 1 1/2" Dr. Shallow Metric Impact Socket Set (6pt.) 10-24mm 15Pcs.
- 1 1/2" Dr. Shallow Impact Thin Wall Socket Set (6pt.) 3/8-1" 11Pcs.
- 1 1/2" Dr. Impact Universal Joint w/Lock Button
- 1 Brake Tool Set 7Pcs.
- 1 Disc Brake Caliper Driver Set 7Pcs.
- 1 1/2" Dr. Long Handle (HSS) Sealed Ratchet, Dual 80 Technology 15", **80 tooth**

Chassis Tool Set# CTS-2

(Has taken Engines Class)

- 1 Brake Tool Set 7Pcs.
- 1 Disc Brake Caliper Driver Set 7Pcs.

Power Train Set# PTS-1

(Has **NOT** taken Engine Perf. Class)

- 1 Adaptor: 3/8" female to 1/2" male sq. dr.
- 1 Adaptor: 1/2" female to 3/8" male sq. dr.
- 1 Adaptor: 1/2" female to 3/4" male sq. dr.
- 1 Adaptor: 1/4" female to 3/8" male sq. dr.
- 1 3/8" Dr. Speeder
- 1 1/4" Dr. Extension 2"
- 1 1/4" Dr. Extension 6"
- 1 1/4" Dr. Long Shank Driver
- 1 1/4" Dr. Ratchet w/ Swivel Head and Cushion Grip 6 7/8", **72 tooth**
- 1 Snap Ring Plier Set 4Pcs.
- 1 Transmission: Convertible Retaining Ring Plier- Straight .007 tip
- 1 Transmission: Convertible Retaining Ring Plier- Straight .038 tip
- 1 Transmission: Wide 1/16" tip, 90 degree External Snap Ring Plier
- 1 Transmission: Wide 3/16" notched tip External Snap Ring Plier
- 1 Extension Adaptor: 1/2" female to 3/8" male sq. dr.
- 1 Telescopic Magnetic Pick-up Tool
- 1 3/8" Dr. Square Socket 5/16"
- 1 3/8" Dr. Impact Socket (12pt.) 12mm

- 1 1/2" Dr. Deep Impact Socket 30mm
- 1 1/2" Dr. Deep Impact Socket 36mm
- 1 Scraper
- 1 Terminal Crimping Tool
- 1 Wire Stripping Tool
- 1 Double Pointed Scribe
- 1 Scratch Brush
- 1 Spanner Wrench
- 1 1/2" Dr. Impact Socket (6pt.) 1-1/16"
- 1 1/2" Dr. Impact Socket (6pt.) 1-1/8"
- 1 1/2" Dr. Impact Socket (6pt.) 1-3/16"
- 1 1/2" Dr. Impact Socket (6pt.) 1-1/4"
- 1 1/2" Dr. Impact Socket (6pt.) 1-5/16"
- 2** Male Adaptors
- 1 Universal Thread Gauge Set - 4Pcs.
- 1 Crowfoot Set (Flarenut Style) 3/8-3/4" 7Pcs.
- 1 Crowfoot Set (Flarenut Style) 9-18mm 10Pcs.
- 1 1/4" Dr. Deep Socket Set (6pt.) 3/16-9/16" 10Pcs.
- 1 1/4" Dr. Deep Socket Set (6pt.) 5-15mm 12Pcs.
- 1 Ball Joint/Disc Brake Gauge Set 0-1"
- 1 Striking Pry Bar Set (8", 12", 18", 24") 4 pcs.

- 1 Adaptor: 3/8" female to 1/2" male sq. dr.
- 1 Adaptor: 1/2" female to 3/8" male sq. dr.
- 1 Adaptor: 1/2" female to 3/4" male sq. dr.
- 1 Adaptor: 1/4" female to 3/8" male sq. dr.
- 1 Snap Ring Plier Set 4Pcs.
- 1 Transmission: Convertible Retaining Ring Plier- Straight .007 tip
- 1 Transmission: Convertible Retaining Ring Plier- Straight .038 tip
- 1 Transmission: Wide 1/16" tip, 90 degree External Snap Ring Plier
- 1 Transmission: Wide 3/16" notched tip External Snap Ring Plier
- 1 Extension Adaptor: 1/2" female to 3/8" male sq. dr.
- 1 3/8" Dr. Speeder
- 1 3/8" Dr. Square Socket 5/16"
- 1 3/8" Dr. Impact Socket (12pt.) 12mm
- 1 1/2" Dr. Deep Impact Socket 30mm
- 1 1/2" Dr. Deep Impact Socket 36mm
- 1 Scraper
- 1 Telescopic Magnetic Pick-up Tool
- 1 Double Pointed Scribe
- 1 Scratch Brush
- 1 1/2" Dr. Impact Socket (6pt.) 1-1/16"
- 1 1/2" Dr. Impact Socket (6pt.) 1-1/8"
- 1 1/2" Dr. Impact Socket (6pt.) 1-3/16"
- 1 1/2" Dr. Impact Socket (6pt.) 1-1/4"
- 1 1/2" Dr. Impact Socket (6pt.) 1-5/16"
- 1 Spanner Wrench
- 2** Male Adaptors
- 1 Universal Thread Gauge Set - 4pcs.
- 1 Crowfoot Set (Flarenut Style) 3/8-3/4" 7 Pcs.
- 1 Crowfoot Set (Flarenut Style) 9-18mm 10 Pcs.
- 1 Ball Joint/Disc Brake Gauge Set 0-1"
- 1 Striking Pry Bar Set (8", 12", 18", 24") 4 Pcs.

Engines Tool Set# ETS-1

(Has **NOT** taken Chassis Class)

- 1 1/2"Dr. Impact Extension 3"
- 1 1/2"Dr. Shallow Metric Impact Socket Set (6pt.) 10-24mm 15Pcs.
- 1 1/2"Dr. Shallow Impact Socket Set-6pt. (**THIN WALL**) 3/8-1" 11Pcs.
- 1 1/2"Dr. Impact Universal Joint w/Lock Button)
- 1 1/2" Dr. Long Handle (HSS) Sealed Ratchet, Dual 80 Technology 15", **80 tooth**
- 1 Engine Sling (Cable Type)
- 1 Female Coupler
- 1 Male Adaptor
- 1 Thread Pitch Gauge (Std.)
- 1 Thread Pitch Gauge (Metric)
- 1 Steel Rule
- 1 Compression Gauge Set

Engines Tool Set# ETS-2

(Has taken Chassis Class)

- 1 Engine Sling (Cable Type)
- 1 Female Coupler
- 1 Male Adaptor
- 1 Thread Pitch Gauge (Std.)
- 1 Thread Pitch Gauge (Metric)
- 1 Steel Rule
- 1 Compression Gauge Set

Engine Performance Tool Set# EPFS-1 (Has **NOT** taken Chassis Class)

- 1 3/8" Dr. Round Head Ratchet, **100 tooth**
- 1 1/4" Dr. Semi- Deep Socket Set (6pt.) 3/16-9/16" 10Pcs.
- 1 1/4" Dr. Semi- Deep Socket Set (6pt.) 5-15mm 12Pcs.
- 1 1/4" Dr. Flex Head Sealed Ratchet, Dual 80 Technology 6", **72 tooth**
- 1 1/4" Dr. Extension 2" (Knurling at drive end for easy finger tip turning)
- 1 1/4" Dr. Extension 6" (Knurling at drive end for easy finger tip turning)
- 1 Battery Service Kit - 5 Pcs.

- 1 Vacuum / Pressure Pump Kit (0-30" mercury)
- 1 Terminal Crimping Tool
- 1 Wire Stripping Tool
- 1 Spark Plug Wire Removal Tool
- 1 Spark Plug Wire Removal Tool
- 1 Adjustable Ignition Spark Tester- for std. and electronic ignition
- 1 Spark Plug Gapper (Ramp Style)
- 1 Test Probes
- 1 Test Lead Set for use w/ MTTL800-3A Large Alligator Clips
- 1 Alligator Clips, Large (Black and Red) Need MTTL800-1 Test Lead Set

Engine Performance Tool Set# EPFS-2 (Has taken Chassis Class)

- 1 3/8" Dr. Round Head Ratchet, **100 tooth**
- 1 1/4" Dr. Semi- Deep Socket Set (6pt.) 3/16-9/16" 10Pcs.
- 1 1/4" Dr. Semi- Deep Socket Set (6pt.) 5-15mm 12Pcs.
- 1 Battery Service Kit - 5 Pcs.

- 1 Vacuum Pump Kit
- 1 Spark Plug Wire Removal Tool
- 1 Spark Plug Wire Removal Tool
- 1 Adjustable Ignition Spark Tester- for std. and electronic ignition
- 1 Spark Plug Gapper (Ramp Style)
- 1 Test Probes
- 1 Test Lead Set for use w/ MTTL800-3A Large Alligator Clips
- 1 Alligator Clips, Large (Black and Red) Need MTTL800-1 Test Lead Set

Recommended Chassis Tools

- 1 Combination Wrench (12pt.) 1-1/16"
- 1 Combination Wrench (12pt.) 1-1/8"
- 1 Combination Wrench (12pt.) 1-3/16"
- 1 Combination Wrench (12pt.) 1-1/4"
- 1 1/2" Dr. Impact Socket (6pt.) 1"
- 1 Brake Spring Pliers
- 1 Digital Rotor Gauge
- 1 Digital Drum Gauge
- 1 Brake Bleeder Kit
- 1 Toyota Axle Nut Socket
- 1 Seal Remover Set
- 1 Metric Bushing Driver Set
- 1 1/4" Dr. Torque Wrench, Dial Type, with follow up needle (0-15 in. lbs.)
- 1 Scribe, straight end/Hooked end
- 1 Scribe, straight end/90 degree end
- 1 2.5LB Brass Hammer
- 1 Metric Box Wrench Set, "S" shaped, 12pt. (10-19mm) 5pcs.
- 1 Metric Box Wrench Set, Half Moon shape, 12pt. (10-21mm) 5pcs.
- 1 Metric Open End Wr. Set, Low Torque Slimline, 12 pt., (6-36mm) 11 pcs.
- 1 Metric Hex Driver Set, (4-14mm) 11 pcs.
- 1 3/8" Dr. Metric Impact Swivel Socket Set, 6 pt., (8-21mm) 12 pcs.
- 1 Valve Core Torque Tool (for TPMS tire valves)
- 1 Tire Pressure Monitor Tool Kit

Recommended Power Train Tools

- 1 1/4" Dr. Torque Wrench (30-200 IN. LBS.)
- 1 Offset Box Wrench 3/8"x7/16" -12Pt.
- 1 Offset Box Wrench 1/2"x9/16" -12Pt.
- 1 Offset Box Wrench 12x14mm -12Pt.
- 1 Offset Box Wrench 13x15mm -12Pt.
- 1 Offset Box Wrench 16x18mm -12Pt.
- 1 Offset Box Wrench 17x19mm -12Pt.

Recommended Engines Tools

- 1 Dial Indicator Set w/Magnetic Base, 0-1"

- 1 Outside Micrometer Set (0-1", 1-2" & 2-3") .0001 graduations- 3 Pcs.
- 1 Outside Micrometer Set (3-4") .0001 graduations
- 1 Outside Micrometer Set (4-5") .0001 graduations
- 1 Left Hand Drill Bit Set (5pcs.)
- 1 3/8" Dr. Hex Head Driver 10mm
- 1 3/8" Dr. Hex Head Driver 12mm
- 1 3/8" Reversible Air Drill
- 1 High Speed Drill Bit Set (1/16"-1/2") 29Pcs.
- 1 Male Adaptor
- 1 Stretch Fit Belt Kit-installation and removal of all stretch belts
- 1 18IN Flexible Shaft Lighted Inspection Tool
- 1 5/16" Valve Guide Brush
- 1 AIR HAMMER
- 1 Remover, Valve Guide, 7.7 mm Pilot, 190 mm (Air Hammer Accessory)
- 1 Remover, Valve Guide, 6.9 mm Pilot, 189 mm (Air Hammer Accessory)
- 1 Pliers, Valve Stem Seal
- 1 Oil Filter Pliers
- 1 Tester, Combustion Leak
- 1 Tool, Camshaft Pulley (Nissan/Toyota)
- 1 Cam Clamp Set
- 1 Nonmarring Scraper Set 5pcs.
- 1 Automatic Center Punch

Recommended Engine Performance Tools

- 1 Fuel Line Disconnect Kit
- 1 Fuel Line Disconnect Kit
- 1 Fuel Line Disconnect Kit
- 1 Digital Tach/Advance Timing Light w/ Plastic Storage Case **2 Year Warranty**
- 1 Compression Gauge Set
 - Includes- Compression Gauge w/ 27" flex hose and quick coupler*
 - M14 x 1.25 std. reach adaptor hose*
 - M12 x 1.25 long reach adaptor hose*
 - M14 x 1.25 long reach adaptor hose*
- 1 Cylinder Leakage Tester
- 1 Engine Vacuum and Fuel Pump Pressure Gauge Set
- 1 Dual A/C Manifold Gauge Set (R134a & R-12)
- 1 Master Fuel Injection Test Kit
- 1 Low Amp Probe
- 1 Injector "Noid" Light Kit 8Pcs.
- 1 Power Probe 4 Circuit Tester - *Ask your instructor as he may recommend another.*
- 1 Electronic Battery System Tester - Patented conductance technology CCA range: 100-1,700
- 1 Breakout Box
- 1 Wrench, Sensor, Oxygen, Pivoting Handle, 6 p. and 12 pt.
- 1 12V Circuit Tester, Digital Display
- 1 Trim Pad Remover (for GM and most imports)
- 1 Kit, Fuse Buddy™ Pro Test
- 1 Brush, Taillight Socket, 6 5/8"
- 1 Master Relay Test Kit
- 1 12V Li-Ion Compact Engine Starter/USB Charger & Light
- 1 Master Fuse Saver Kit 12pcs.
- 1 Test Lead Set
- 1 **Ethos Edge Scan Tool v22.2 - Q1 2022 software | v22.4 available in Oct. 2022**
- 1 Ratcheting Combination Wrench Set