

# Auto P. I. Used Car Inspections – Mobile Service

## 600-Point Pre-Purchase Inspections

Experience levels between Automotive Technicians vary greatly. If the Technician performing the pre-purchase inspection is not a Master Technician/Frame Specialist, you are not getting a full inspection. Remember, you are responsible for any existing problems after you purchase the vehicle.

A pre-purchase inspection can only be accurately performed by qualified Technicians that are Frame Specialist and also certified on all 8 general automotive areas (ASE Master Certified Technicians).

Auto P. I. 600-point inspection includes:

### DOCUMENTATION

Year / Make / Model / Mileage / VIN / License  
Engine Type - as currently equipped  
Transmission Type - as currently equipped  
Manufacture Date – as on production sticker  
Current Registration - expiration date of Texas registration  
State Insp - date last inspected, pass/fail, safety only, emissions  
Current Owner/ Previous Owner – current and previous Texas title Issued  
Texas Title Issue & Remarks - previous odometer, any negative title remarks  
Verifications - verify odometer, year, and vehicle's VIN  
Safety Recalls - any open safety recalls

### EXTERIOR

General Condition - previous accidents, structural/superficial  
Paint - condition, quality, repaint  
Rust - existence, severity, cause  
Dents - doors, fenders, hood, trunk, roof, rocker panels, skirting  
Chrome/Trim - emblems - side moldings, windows, wheel wells, bumper trim, door edge, name plates, hardware  
Weather Strips - windows, doors, trunk, hatchback  
Bumpers - impact plates/dampeners, brackets, hardware, stripping, condition  
Grill/Ft. End - chrome, grill assembly, bezels, hardware  
Body Fit - doors, hood, trunk/hatchback, fenders, bumper covers, tailgate, hardware  
Frame Condition - frame/sub-frame/unibody/strut tower damage  
Door Operation - hinges, hinge pins, striker plates, stops, latches, handles, locks, hardware  
Window Condition - door glasses, windshield, rear windows, tint, hardware  
Vinyl/Convertible Top - material, trim, frame, window, motor, latches, weather-Stripping, switches, cover, hardware  
Sunroof - window, tracks, deflector, vent, drain, motor, cables, latch, switch, sunshade, hardware  
Lights - headlights and adjusters, taillights, license plate, side marker, corner lights, fog/driving lights, opera lights, hardware  
Hubcaps/Rims - wheel covers, center caps, custom wheels, beauty rings Hardware

### INTERIOR

General Condition - cleanliness  
Headliner- material, sun visors, hangers, handles, trim hardware  
Seats- material, cushions, tracks, adjusters, seatback latches, arm rests, heating/cooling controls, hardware  
Carpet - material, rocker covers, wear covers, mats, shifter boots  
Trim Panels - material, arm rests, pillar covers, kick panels, rear deck panel, hatchback cover, door panels  
Seatbelts/SRS - condition, operation, controls, fault systems  
Dash Panel - cover, instrument cluster, glove box, vents, hardware  
Instrumentation - speedometer/odometer, tachometer, oil press, coolant, temp, voltmeter, shift indicator, warning indicator lights, turn signal indicators, clock, high beam indicator,

Electrical Accessories - power mirrors, trunk release, turn signals, emergency, flashers, electric antenna, cigarette lighter, power outlets  
Radio/Spkrs - cassette tape, CD, DVD, FM/AM, covers, controls  
W/wipers - motors, linkage, arms, blades, inserts, hardware, controls, switches, transmission  
W/washers - pumps, nozzles, hoses, reservoirs, controls, hardware  
Controls - shift levers/linkage, brakes, accelerator, emergency brakes, switches, hardware  
Lights - dome, floor, map, dash/instrument, vanity  
Horn - operations, controls  
Power Windows - switches, motors, relays, accessible wiring  
Power Locks - switches, actuators, relays, lock assemblies  
Power Seats - switches, motors, tracks, cables, relays  
Air Conditioning - freon, compressor, hoses, evaporator, accumulator, condenser, belt, blower motor, temperature controls, hardware  
Heater - core, blower motor, controls, hoses, relays  
Spare Tire - wheel & tire condition  
Jack/Tools - lug wrench, jack assembly, tool kits, wheel locks  
Water Damage - trunk, floorboards, spare tire well, carpets  
Cabin Filter /Odors - filter condition, mildew, smoke, electrical.

## **ENGINE/UNDERHOOD**

General Condition - cleanliness, completeness  
Hood Operation - latch, cable, safety, hinges, supports  
Belts - alternator, air conditioner, power steering, smog pump, adjustment  
Hoses - clamps, radiator, bypass, heater, vacuum, emissions  
Engine Leaks - valve covers, timing gear seals/covers, oil pans, rear main, seals, gaskets, o-rings, cooler lines, filters, drain plugs  
Radiator Condition - overflow reservoir for rust, contaminants and coolant, protection level  
Coolant Leaks - radiator, hoses, water pumps, heater core, engine, gaskets/seals, thermostat, coolant condition  
Cooling System - fan, fan clutch, auxiliary fan motors, temperature switches, overflow piping/reservoir, mounting hardware  
Engine Oil Analysis - internal engine for sludge, ash, coking, contamination, frequency of oil change maintenance  
Timing Belt - condition, recommended replacement interval  
Noise Check - belts, valves, lifters, rocker arms, pulleys, bearings, exhaust, compressors, pistons, rod bearings, timing chains/belts, vacuum leaks,  
Battery- case, hold down bracket, hardware, cables, connectors, load test  
Electrical System - alternator/generator, regulator, cabling/wiring, starter, solenoid, hardware  
Wiring - starting/charging system, engine, air conditioning, accessories, lighting  
Emissions Systems - piping, valves, sensors, computer, hardware  
Performance Test- idle speed adjustment, vacuum leaks, smoothness, missing, hesitation, surge, exhaust smoke, (turbo, supercharger or hybrid if equipped)  
Ignition System - distributor, coils, spark plug wires, wiring, timing sensors, modules, timing-belt, cover  
Fuel System - carburetor, air filters, air boxes/tubes, fuel injection, fuel injectors, fuel hoses, fuel pumps, hoses/lines, blow by  
Compression - cylinder balance, vacuum, blow by test  
Snap Accelerator Test – smoothness, hesitation, recovery  
Maintenance Check - maintenance records, filters, tune ups, belts, hoses  
Fluid Levels & Condition - factory recommended levels, condition  
Computer Diagnostics - codes, stored codes, live data stream, IM reset

## **DRIVETRAIN/CHASSIS**

General Condition - security, abuse, damage  
Wheel Bearings - wear, looseness, noise, seals, adjustment  
Wheel Leaks - brake lines, fittings, flex hoses, brake wheel cylinders, grease seals, CV boots  
Transmission Leaks - housing, seals, gaskets, cooler lines, o-rings, axle shaft couplers  
Transmission Oil Analysis - transmission internal for burnt, contaminated, sludge and frequency of oil change maintenance  
Differential Leaks - housing, pinion seals, third member gaskets, cover gaskets, axle shaft seals  
Front Brakes - disc pads thickness, rotors, calipers, flex hoses, lines, dust shields, hardware  
Rear Brakes - disc pads thickness/shoes, rotors/drums, wheel cylinders/calipers, flex hoses, lines, backing plates, dust shields, hardware

Master Cylinder - cylinder, lines, cover, fluid, proportioning valve, fittings  
Parking Brake - actuator assembly, cables, hardware, adjustment  
Exhaust System - manifolds, gaskets, header pipes, converters, mufflers, tailpipes, extensions, exhaust pipes, hangers, hardware  
Fuel Systems - tanks, pumps, lines, hoses, filters, fittings, hardware  
Suspension - coil springs, leaf springs/hangers, shocks, struts, control arms, torsion bars, radius rods, bushings, ball joints, hardware  
Shocks/Struts - leakage, security, firmness, towers, hardware  
CV Boots - inner/outer boots, clamps  
Motor Mounts - condition, hardware  
Damage – floor pans/underbody for impact damage, water damage, security, hardware  
Power Steering - pumps, hoses, rack and pinion, gear boxes, fluid reservoirs leaks, power assist assemblies, hardware  
Steering System - gear box, rack and pinion, tie rods and adjusters, tie rod ends, idler arms, drag link, steering shafts, couplers, shock dampeners, hardware  
Tires – air pressure, tread level, irregular wear patterns, mismatched, damage, dry rot

## **ROAD TEST**

General Drivability - smoothness, control, firmness  
Brakes - rotor surge, pulls, locking wheels, low/hard/spongy pedal,  
Vibration - wheel balance, bent wheels, out of round tires, scalloped tires, engine, transmission, differential/final drive  
Swerve Check - wheel bearings/noise, control, vibration, stability, shocks, struts  
Transmission Check - shift quality, smoothness, slippage  
Clutch - pedal operation, cable, hardware, adjustment, slippage, noise smoothness  
Front Wheel Drive/Rear Wheel Drive - axle shafts, CV joints, bearings, final drive housing and assembly  
AWD/4X4 - all-wheel drive or 4 wheel drive or components, Hybrid (if equipped)  
Load Test - engine/transmission mounts, vibration, engine smoothness, noise  
Steering- smoothness, noise  
Squeaks/Rattles - body security/integrity/looseness  
Wind noise - door glass security and fit, door security and adjustment, sunroof security and adjustment  
Cruise control - operation, adjustment, controls  
Front End & Alignment - smoothness, noise, stability, binding, pulls, tire wear  
Odors - oil leaks burning, coolant leaks, brake/clutch burning