

190 Point Used Car Inspection

	N/A or				
	Measurement	Good	Marginal	Critical	Recommendations/Comments
Walk Around Visual Inspection					
1) Body panels (<i>dents, rust</i>) Trim (<i>missing, loose, damaged</i>)					
2) Door hinges, locks, handles (<i>function, fit</i>)					
3) Paint (<i>color, scratches, match</i>)					
4) Bumpers (<i>alignment, plating</i>)					
5) Glass - Windows (<i>starburst, cracks</i>)					
6) Headlamps and fog lights (<i>alignment, function, lenses</i>)					
7) Brake lamps / Center brake light (<i>function, lenses</i>)					
8) Turn lamps (<i>function, self cancel, lenses</i>)					
9) Back up lights (<i>function, lenses</i>)					
10) Other exterior lighting _____					
Test Drive					
11) Seat belts (<i>function, condition</i>)					
12) Seats (<i>function, condition</i>)					
13) Mirrors (<i>inside and outside, controls</i>)					
14) Window operation (<i>power or manual</i>)					
15) Heated window operation (<i>front and rear</i>)					
16) Electrical accessory operation					
17) Interior lighting (<i>map, courtesy lamps</i>)					
18) Oil warning lamp					
19) Water/Coolant/Temperature lamp					
20) MIL/Check Engine Lamp					
21) Airbag/Safety Restraint lamp					
22) Brake warning lamp					
23) ABS-antilock brakes warning lamp					
24) Gauges					
25) Speedometer/Odometer					
26) Instruments (<i>compass, outside air temperature</i>)					
27) Wipers (<i>function, delay, blade effectiveness, front & rear</i>)					
28) Washers (<i>function, aim, front & rear</i>)					
29) Horn					
30) Heater/AC operation					
31) Engine performance					
32) Transmission performance					
33) Clutch performance					
34) Brake performance					
35) Steering performance					
36) Suspension performance					
37) Vibration					
38) Abnormal noise					

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	N/A or				
	Measurement	Good	Marginal	Critical	Recommendations/Comments
Underhood Inspection					
39) Decals (<i>air conditioning and emission</i>)					
40) Engine oil (<i>level and condition</i>)					
41) Automatic transmission fluid (<i>level, condition</i>)					
42) Washer fluid (<i>level, front, rear</i>)					
43) Brake fluid (<i>level, condition</i>)					
44) Power steering fluid (<i>level, condition</i>)					
45) Clutch master cylinder fluid (<i>level, condition</i>)					
46) Engine coolant level					
47) Coolant protection (<i>freeze point</i>)					
48) Coolant pH					
49) Radiator hoses (<i>condition, age</i>)					
50) Heater / Bypass hoses (<i>condition, age</i>)					
51) Coolant leaks					
52) Radiator (<i>condition</i>)					
53) Radiator Cap (<i>condition, pressure relief</i>)					
54) Cooling fan operation (<i>engine driven, electric, hydraulic</i>)					
55) Drive Belt(s) (<i>condition, age</i>)					
56) Timing Belt(s)					
57) Power steering pump, and pulleys (leaks, misalignment)					
58) Power steering hoses (<i>leaks, cracks, chafing</i>)					
59) Battery age					
60) Battery load test					
61) Battery cables and connections					
62) Battery mounting and hardware					
63) Abnormal noise underhood					
64) Charging system voltage output -volts					
65) Charging system amperage output -amps					
66) Charging system wiring/connections					
67) Starter operation (<i>noise, drive engagement</i>)					
68) Starter amperage draw -amps					
69) Starter wiring / connections					
70) Engine mounts (<i>loose or broken</i>)					
71) Engine noise					
72) Engine oil leaks					
73) Brake system leaks (<i>power booster, ABS, master cylinder</i>)					

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Air Conditioning / Heat System					
74) Identify system type (<i>R-12 / R134a / R1234yf</i>)					
75) Air Conditioning visual inspection					
76) Air Conditioning hoses and lines (<i>leaks, cracks, chafing</i>)					
77) Air Conditioning compressor and clutch (<i>leaks, noise, cooling fan operation A/C "on"</i>)					
78) Air Conditioning condenser (<i>leaks, air flow restriction</i>)					
79) Air Conditioner -Duct temperature					
80) Heater -Duct temperature					
81) Defroster -Temperature					
Engine Analysis					
82) Air filter (<i>condition</i>)					
83) Throttle plates/idle speed passages (<i>cleaning required</i>)					
84) Intake hoses (<i>condition, fit</i>)					
85) Heated air inlet system (<i>operation</i>)					
86) Fuel pressure regulator (<i>leaks, vacuum supply line</i>)					
87) Fuel hoses (<i>condition or leaks</i>)					
88) Fuel line (<i>condition or leaks</i>)					
89) Fuel rails (<i>condition or leaks</i>)					
90) Fuel service port (<i>condition or leaks</i>)					
91) Fuel injectors (<i>condition, leaks, wiring harness</i>)					
92) Gas cap (<i>condition</i>)					
93) Fuel filter (<i>age, leaks</i>)					
94) Diagnostic Scope Test / primary ignition (<i>misfire detection</i>)					
95) Diagnostic Scope Test / secondary ignition (<i>misfire detection</i>)					
96) Visual inspection of secondary ignition (<i>age, carbon tracks, cracks</i>)					
97) Idle quality					
98) Idle speed					
99) Spark plug (remove for inspection)					
100) MIL operation					
101) OBD I, OBD II, (<i>identify other system type</i>)					
102) Current Codes (DTCs)					
103) History Codes (DTCs)					
104) Closed loop operation (<i>confirm with scan tool</i>)					
105) Emission System visual inspection (<i>missing or tampered</i>)					
106) Exhaust emissions HC at idle ppm					
at 2500 rpm ppm					
107) Exhaust emissions CO at idle %					
at 2500 rpm %					

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Undercar					
108) RF Tire -Pressure					
-Tread depth					
108) LF Tire -Pressure					
-Tread depth					
108) RR Tire -Pressure					
-Tread depth					
108) LR Tire -Pressure					
-Tread depth					
112) Spare -Pressure					
-Tread depth					
113) Tire set (<i>mismatched sizes or brands</i>)					
114) Jack and lug wrench (<i>condition, availability</i>)					
115) Wheels/hub caps (<i>condition and fit</i>)					
116) Wheel lock / key (<i>condition, availability</i>)					
117) Lug nut torque					
Steering and Front Suspension System					
118) Power Steering pump (<i>noise</i>)					
119) Rack and pinion (<i>leaks, bushings</i>)					
120) Gearbox (<i>leaks, worm & sector clearance</i>)					
121) Pitman Arm					
122) Idler Arm(s)					
123) Relay Rod / Drag Link					
124) Tie rods / Ends / Sleeves					
125) Ball Joints					
126) Control Arms / Strut Rods					
127) Sway Bar (<i>bar & mounting</i>)					
128) Sway Bar End Links / Pins (<i>bushings & pins</i>)					
129) Springs / Torsion Bars / Suspension Air Bags					
130) Shocks and Struts (<i>condition, leaks, mounting</i>)					
131) Automatic leveling system components					
132) Frame Rails / Unibody condition / Floor pans					
133) Front cradle mounts					

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	Measurement	Good	Marginal	Critical	Recommendations/Comments
Rear Suspension					
134) Control Arms / Ball Joints					
135) Tie Rods / Ends / Sleeves / Tracking Arms					
136) Rear Axle (cracks, fluid leaks)					
137) Shocks and Struts (condition, leaks, mounting)					
138) Automatic leveling system components					
139) Rear Springs / Suspension Air Bags					
140) Frame rails Unibody condition / Floor pans					
141) Rear Cradle Body mounts (rust, cracks, bushings)					
142) Sway Bar (mounting)					
Drivetrain / Undercar					
143) Engine oil leaks					
144) Engine coolant leaks					
145) Fuel system leaks (<i>fuel tank, lines, hoses</i>)					
146) Misc. Fluid leaks					
147) Rear Axle leaks (<i>housing, axle seals, pinion seal, vent</i>)					
148) Front Axle leaks (FWD or 4X4)					
149) Axle fluid level and fluid condition					
150) Transmission leaks					
151) Transmission fluid level and condition (<i>manual shift</i>)					
152) Clutch transmission; clutch linkage (<i>loose, adjustments</i>)					
153) Clutch system fluid leaks (<i>master cylinder, slave, cylinder, hoses, lines</i>)					
154) Transfer case leaks (<i>4X4</i>)					
155) Transfer case fluid level and fluid condition (<i>4X4</i>)					
156) Driveshaft(s) (<i>bent, loose joints, loose support bearing</i>)					
157) Front drive axles (<i>4X4 axle joints</i>)					
158) Front CV joints / boots (<i>loose, torn cracked</i>)					
159) Rear CV joints / boots (<i>loose, torn, cracked</i>)					
160) Front Wheel bearings (<i>loose</i>)					
161) Rear Wheel bearings (<i>loose</i>)					
162) Rear axle mounting (RWD) (<i>bushings</i>)					
163) Engine mounts (<i>broken, cracked, oil soaked</i>)					
164) Transmission mounts (<i>broken, cracked, oil soaked</i>)					

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Exhaust System					
165) Manifolds (<i>cracks, leaks</i>)					
166) Catalytic converter (<i>leaks, rust</i>)					
167) Heat shields (<i>on body, on exhaust</i>)					
168) Exhaust pipes (<i>leaks, rust</i>)					
169) Muffler/Resonator (<i>leaks, rust</i>)					
170) Hangers and clamps					
171) Flanges and gaskets (<i>leaks, rust</i>)					
172) A.I.R. tubes					
173) Emission system tampering					
Brakes					
174) RF Pad	Thickness in Millimeters				
	% remaining				
175) LF Pad	Thickness in Millimeters				
	% remaining				
176) RR Pad/Shoe	Thickness in Millimeters				
	% remaining				
177) LR Pad/Shoe	Thickness in Millimeters				
	% remaining				
178) Front calipers (<i>mounting and leaks</i>)					
179) Rear calipers (<i>mounting and leaks</i>)					
180) Rear wheel cylinders (<i>mounting and leaks</i>)					
181) Rear proportioning valve/linkage					
182) Front hoses and lines (<i>leaks, cracks</i>)					
183) Rear hoses and lines (<i>leaks, cracks</i>)					
184) Front rotors (<i>condition/thickness</i>)	- mm				
185) Rear rotors (<i>condition/thickness</i>)	- mm				
186) Rear drums (<i>condition/diameter</i>)	RR -mm				
	LR -mm				
187) Rear brake hardware					
188) Emergency brake operation (<i>function, release</i>)					
189) Front ABS wheel speed sensors (<i>mounting, harness</i>)					
190) Rear ABS wheel speed sensors (<i>mounting, harness</i>)					