

# Vintage Vehicle Evaluation

Vehicle: \_\_\_\_\_

RO#: \_\_\_\_\_

Date: \_\_\_\_\_

## 1. Driving Impressions/Initial Notes

A) **Thermostat Housing Temperature fully warm:** \_\_\_\_\_ Gauge: \_\_\_\_\_B) **Warning lights on:** Gen. Oil Brake Lt. Ck. Engine ABS OTHER: \_\_\_\_\_C) **Noises:** Y N IntermittentD) **Vibrations:** Y/N

Driving: Y N SL Mod Sev Intermittent: Y/N When: \_\_\_\_\_

Braking: Y N SL Mod Sev w/Clutch use: Y N SL Mod Sev

Other: Y N SL Mod Sev w/Shifting: Y N SL Mod Sev

E) **Wheel (Balance):** Vibration – Slight Moderate Severe Intermittent

At speed(s) \_\_\_\_\_ Felt in steering wheel: Y/N

In body: Y/N

F) **Braking:**

Vibration: SL Mod. Sev.

Temperatures: \_\_\_\_\_

Pulsation: SL Mod. Sev.

Ok Not Ok \_\_\_\_\_

Felt in:

Pull: Left/Right SL Mod. Sev.

Steering wheel \_\_\_\_\_

Front \_\_\_\_\_ Rear \_\_\_\_\_

Distance: Ok Fair Not Ok Too long

Body \_\_\_\_\_ Pedal \_\_\_\_\_

Noise/other:

G) **Steering/Handling/Suspension:**

1. Vague/Play: SL Mod Sev

2. Pull/Drift: (driving) SL Mod Sev

3. Ride quality: Ok Fair Not Ok

4. Handling: Ok Fair Not Ok

5. Steering wheel off center: ~ \_\_\_\_\_°

6. Noises:

7. Other:

H) **Performance:**

1. Cold start: Ok Not Ok Unknown

2. Cold Idle: Ok Not Ok: \_\_\_\_\_

3. Warm Idle: Ok Not Ok: \_\_\_\_\_ Rough Low High Intermittent

4. Acceleration: Ok Not Ok: \_\_\_\_\_

5. Hesitation, buckling:

6. Steady Throttle: Ok Not Ok: \_\_\_\_\_

7. Deceleration: Ok Not Ok: \_\_\_\_\_

8. Backfiring: Y/N

9. Power: Ok Fair Low Not Ok

10. Restarting warm: Ok Not Ok Unknown...Hot Soak: Ok Not Ok Unknown

11. Other:

## 2. Wipers

Electric or Vacuum      Operation: Ok   Inop.   Slow   Noisy – Linkage  
 Multi-speeds or Single speed wipers: Ok   Inop.   # of Speeds: Ok: \_\_\_\_\_  
**Washers:** Ok   Inop   **Washer fluid:** Ok – Empty   **Aim:** Ok   Not Ok   R/L

## 3. Brakes / Wheel Bearings

### A) Parking Brake operation:

Application: Ok \_\_\_ Fair \_\_\_ Not Ok \_\_\_ \_\_\_\_\_  
 Release: Ok \_\_\_ Fair \_\_\_ Not Ok \_\_\_ \_\_\_\_\_  
 Slope Test (holds): Ok \_\_\_ Fair \_\_\_ Not Ok \_\_\_ \_\_\_\_\_

### B) Wheel Bearing:

L/Front: play/loose/noise SL \_\_\_ Mod. \_\_\_ Sev. \_\_\_ Recommend inspect \_\_\_\_\_  
 R/Front: play/loose/noise SL \_\_\_ Mod. \_\_\_ Sev. \_\_\_ Recommend inspect \_\_\_\_\_  
 L/Rear: play/loose/noise SL \_\_\_ Mod. \_\_\_ Sev. \_\_\_ Recommend inspect \_\_\_\_\_  
 R/Rear: play/loose/noise SL \_\_\_ Mod. \_\_\_ Sev. \_\_\_ Recommend inspect \_\_\_\_\_

### C) Pads/Shoes:

**L/Front Pads/Shoes:** \_\_\_\_\_% worn Even \_\_\_\_\_ Uneven \_\_\_\_\_  
 Contaminated Y N with \_\_\_\_\_  
 Delaminated-Separation Y N Cracking Y N  
 Other \_\_\_\_\_

**R/Front Pads/Shoes:** \_\_\_\_\_% worn Even \_\_\_\_\_ Uneven \_\_\_\_\_  
 Contaminated Y N with \_\_\_\_\_  
 Delaminated-Separation Y N Cracking Y N  
 Other \_\_\_\_\_

**L/Rear Pads/Shoes:** \_\_\_\_\_% worn Even \_\_\_\_\_ Uneven \_\_\_\_\_  
 Contaminated Y N with \_\_\_\_\_  
 Delaminated-Separation Y N Cracking Y N  
 Other \_\_\_\_\_

**R/Rear Pads/Shoes:** \_\_\_\_\_% worn Even \_\_\_\_\_ Uneven \_\_\_\_\_  
 Contaminated Y N with \_\_\_\_\_  
 Delaminated-Separation Y N Cracking Y N  
 Other \_\_\_\_\_

### D) Drums/Rotors:      Appear

L/Front: Drum/Rotor Overheated \_\_\_ Hot Spot \_\_\_ Dark \_\_\_ Rusty \_\_\_ Appear thin \_\_\_  
 R/Front: Drum/Rotor Overheated \_\_\_ Hot Spot \_\_\_ Dark \_\_\_ Rusty \_\_\_ Appear thin \_\_\_  
 L/Rear: Drum/Rotor Overheated \_\_\_ Hot Spot \_\_\_ Dark \_\_\_ Rusty \_\_\_ Appear thin \_\_\_  
 R/Rear: Drum/Rotor Overheated \_\_\_ Hot Spot \_\_\_ Dark \_\_\_ Rusty \_\_\_ Appear thin \_\_\_

**E) Brake Contact:** Partial Contact/Uneven  
 Left Front: Pads/Shoes Ok \_\_\_% Inner \_\_\_% Outer  
 Right Front: Pads/Shoes Ok \_\_\_% Inner \_\_\_% Outer  
 Left Rear: Pads/Shoes Ok \_\_\_% Inner \_\_\_% Outer  
 Right Rear: Pads/Shoes Ok \_\_\_% Inner \_\_\_% Outer

**F) Hydraulics:** Leaks: Behind boot **SL M Sev.** Corrosion/debris

1. L/Front: wheel cyl./cal. Y N \_\_\_\_\_
2. R/Front: wheel cyl./cal. Y N \_\_\_\_\_
3. L/Rear: wheel cyl./cal. Y N \_\_\_\_\_
4. R/Rear: wheel cyl./cal. Y N \_\_\_\_\_
5. Fluid Condition: \_\_\_\_\_ low cloudy dark moisture%(fails @ 3%) \_\_\_\_\_
6. Master cyl.: \_\_\_\_\_
7. Reservoir/Reservoir hoses: dry hard cracking leaking soft/swollen
8. Booster: INOP leaking stains
9. Remote servo: N/A\_\_\_\_\_ / Hydraulic slave N/A\_\_\_\_\_
10. Brake hoses: **Soft Swollen Hard Cracking Leaking Misrouted Other**  
 L/Front: \_\_\_\_\_  
 R/Front: \_\_\_\_\_  
 L/Rear: \_\_\_\_\_  
 R/Rear: \_\_\_\_\_  
 Center Rear: \_\_\_\_\_
11. Brake lines(as visible) \_\_\_\_\_
12. Brake Springs/Hardware: L/F \_\_\_\_\_ R/F \_\_\_\_\_ L/Rear \_\_\_\_\_ R/Rear \_\_\_\_\_

**1 – Rusty 2 - Incorrect 3 – Missing 4 - Misinstalled 5 - Damaged**

**G) Other brake notes:** \_\_\_\_\_  
 \_\_\_\_\_

**4. Steering – Suspension – Handling**

Tie Rod Boots

A) Tie rods: SL M Sev. SL M Sev. torn/Cracking  
 Left – Inner worn: \_\_\_ \_\_\_ \_\_\_ L/Outer worn: \_\_\_ \_\_\_ \_\_\_ L: Y N O In.  
 Right – Inner worn: \_\_\_ \_\_\_ \_\_\_ R/Outer worn: \_\_\_ \_\_\_ \_\_\_ R: Y N O In.  
 Center – Left worn: \_\_\_ \_\_\_ \_\_\_ Center Right worn: \_\_\_ \_\_\_ \_\_\_ C: Y N O In.

B) Ball Joints: SL M Sev. Boot torn/cracking  
 L/Upper worn: \_\_\_ \_\_\_ \_\_\_ L/Upper \_\_\_\_\_  
 L/Lower worn: \_\_\_ \_\_\_ \_\_\_ L/Lower \_\_\_\_\_  
 R/Upper worn: \_\_\_ \_\_\_ \_\_\_ R/Upper \_\_\_\_\_  
 R/Lower worn: \_\_\_ \_\_\_ \_\_\_ R/Lower \_\_\_\_\_

C) Idler arm: Worn - SL M Sev.

D) Pitman arm: Worn - SL M Sev.....Boots torn/cracking Y N

E) Drag link: Worn - SL M Sev.....Boots torn/cracking Y N

F) Steering damper: Leaks/worn SL M Sev.....Bushings torn/cracking Y N

G) Steering box wear: SL M Sev.....Leaks - SL M Sev.

- H) Steering rack wear: SL M Sev.....Rack bushings worn: SL M Sev  
 I) Steering Rack Leaks: SL M Sev.  
 J) Power steering hoses:  
 K) Steering rack boots: Torn Missing  
 L) Steering rack mount/bushings: Worn - SL M Sev.  
 M) King pins: Left Right SL M Sev. N/A  
 N) Link pins: Left Right SL M Sev. N/A  
 O) Trunions: Left Right SL M Sev. N/A  
 P) Other: \_\_\_\_\_

- Q) **Shocks/Struts:** SL M Sev.  
 Left/F Shock/Strut Weak Leaks \_\_\_\_\_ Mounts/Bush. \_\_\_\_\_  
 Right/F Shock/Strut Weak Leaks \_\_\_\_\_ Mounts/Bush. \_\_\_\_\_  
 L/Rear Shock/Strut Weak Leaks \_\_\_\_\_ Mounts/Bush. \_\_\_\_\_  
 R/Rear Shock/Strut Weak Leaks \_\_\_\_\_ Mounts/Bush. \_\_\_\_\_  
 Rear leaf spring bushings N/A **cracking/torn/distorted** SL M Sev

- R) **Springs:** Appear – Ok Weak Broken Insulator(s)  
 L/Front: \_\_\_\_\_  
 R/Front: \_\_\_\_\_  
 L/Rear: \_\_\_\_\_  
 R/Rear: \_\_\_\_\_

- S) **Control Arms/Bushings: Worn: SL Mod Sev Cracking Torn Deteriorated**  
 Left front upper: \_\_\_\_\_  
 Left front lower: \_\_\_\_\_  
 Right front upper: \_\_\_\_\_  
 Right front lower: \_\_\_\_\_  
 Left rear: \_\_\_\_\_  
 Right rear: \_\_\_\_\_

- T) **Trailing arm, strut torque rod/bushings:**  
**Worn: SL Mod Sev Cracking Torn Deteriorated**  
 Left front: \_\_\_\_\_  
 Right front: \_\_\_\_\_  
 Left rear: \_\_\_\_\_  
 Right rear: \_\_\_\_\_

U) **Other Steering – Suspension or Bushings:**

- V) **Subframe & mounts: Cracking Torn Deteriorated SL Mod Sev**  
 Front: L/R worn \_\_\_\_\_  
 Rear: L/R worn \_\_\_\_\_

W) **Suspension – Body Mounting points:**

**5. Tires**

- A) Tire date code: \_\_\_\_\_ Tire age: \_\_\_\_\_ MFG/Model/Size: \_\_\_\_\_
- B) Check tire pressures: L/F \_\_\_\_\_ R/F \_\_\_\_\_ L/R \_\_\_\_\_ R/R \_\_\_\_\_
- C) % Worn (to wear bars):
- |                                   | Uneven | Choppy | Cracking | SL    | Mod   | Sev   |
|-----------------------------------|--------|--------|----------|-------|-------|-------|
| LF: _____% (center) _____% (edge) | _____  | _____  | _____    | _____ | _____ | _____ |
| RF: _____% (center) _____% (edge) | _____  | _____  | _____    | _____ | _____ | _____ |
| LR: _____% (center) _____% (edge) | _____  | _____  | _____    | _____ | _____ | _____ |
| RR: _____% (center) _____% (edge) | _____  | _____  | _____    | _____ | _____ | _____ |
- D) Spare: \_\_\_\_\_
- E) Tire rotation or balance recommended: Y N
- F) Need to check run out/tires/rims: Y Recommended N

**6. Performance**

- A) Plug type: \_\_\_\_\_ Worn: SL Mod Sev Deposits: \_\_\_\_\_
- B) Cap worn: SL Mod Sev Rotor worn: SL Mod Sev
- C) Points worn: SL Mod Sev Condenser appears: Recent Old Incorrect/Misfit
- D) Ignition Wires: \_\_\_\_\_
- E) Air Filter: dirty SL Mod Sev Oil bath air filter: Y/N
- F) Distributor Functions: Electronic ignition: Y/N type: \_\_\_\_\_  
 Mechanical Advance: Vacuum Advance: Vacuum retard:  
 Shaft wear:  
 Other: \_\_\_\_\_
- G) Recommend tune parts (as identified) and tune/timing adjustments Y/N

**7. Compression Test – See compression chart****8. Cooling System – Belts – Hoses**

- A) Coolant Level: Radiator \_\_\_\_\_ Expansion Tank: \_\_\_\_\_
- B) Coolant Condition: \_\_\_\_\_ Coolant Protection: \_\_\_\_\_
- C) Evident leaks or stains: No Yes, where: \_\_\_\_\_
- D) Radiator (condition): \_\_\_\_\_
- E) Radiator Cap (condition): \_\_\_\_\_
- F) Radiator Hoses (condition):  
 Upper: \_\_\_\_\_  
 Lower: \_\_\_\_\_
- G) Other hoses: \_\_\_\_\_
- H) Heater hoses as visible: \_\_\_\_\_
- I) Water Pump: Play-Leak-Noise **SL M Sev**
- J) Thermostat housing temp. at operating temp: (pg. 1) \_\_\_\_\_
- K) Dash gauge reading at operating temp: (pg. 1) \_\_\_\_\_
- L) Belts, condition: Cracking Dry Glazed Missing Misaligned Other
- M) Belt tension: Ok Not Ok
- N) Pulleys: \_\_\_\_\_

**9. Electrical**

A) Battery appears: Recent Old Unknown Date code: \_\_\_\_\_ Year: \_\_\_\_\_(?)

B) Battery Load Test: **12V**\_\_\_\_ (below 9.6V)Fail \_\_\_\_ Recharge/Retest: Pass Fail  
**6V**\_\_\_\_ (below 4.8V)Fail \_\_\_\_ Recharge/Retest: Pass Fail

C) Battery posts/clamps:

D) Battery hold down and/or tray:

E) Lighting – Exterior:

1. **Low Beams:** Ok L/R INOP Dim / **High Beams:** Ok L/R INOP Dim
2. High Beam dash indicator: Ok INOP
3. Front/Rear: Park/Running/Tail lights: Ok INOP Lenses
4. Front/Rear **Side**/corner running lights L/Right: Ok INOP Lenses
5. License plate light: L/Right: INOP Lenses
6. Turn signals: Front Left/Right: Ok INOP Lenses Rear L/R: Ok INOP Lenses
7. Reverse lights: L/Right:
8. Driving or fog lights
9. Other exterior lights or lenses

F) Lighting – Interior:

1. Dome light, map light: N/A INOP
2. Door courtesy lights: N/A **Front** L/Right INOP **Rear** L/Right INOP
3. Trunk light: N/A INOP
4. Dash lighting:
5. Other:

**10. Exhaust Single Dual Combination Other: \_\_\_\_\_**

A) Manifold/gasket:

B) No leaks evident \_\_\_\_\_

C) Noisy: Y/N SL Mod Sev

D) Leaks: Y/N:

**Front pipe Flex section Mid-muffler Over Axle Pipe Midpipe Rear muffler**

E) External (surface) condition: \_\_\_\_\_

F) Rattles: **Y N** External: **Y N** Internal: **Y N**

G) External interference/hits: \_\_\_\_\_

H) Gaskets/clamp connections: Leaking

I) Hardware: rusted missing

J) Hangers: broken/torn missing

K) Heat shields:

L) Other:

**11. Clutch (if applicable)**

- A) Free Play: (adjustment) – Ok Too Much Too Little or None  
 B) Operation: – Ok Slips Chatters Grabs: Low/High Heavy/Soft  
 C) Hydraulics: Fluid condition: Ok Dark Cloudy Low  
     Master cylinder: Stain/Leaks: SL M Sev  
     Clutch Hose Stain/Leaks: Hard Cracking Swollen SL Mod Sev  
     Clutch Slave cylinder Stain/Leaks: Corrosion deposits SL M Sev  
 Release fork boot:  
 Noise: w/ clutch pedal down Y N Noise: w/ clutch pedal up Y N  
 Other:

**12.Engine (see also performance)**

- A) Oil level: Overfilled Below min/not showing on dipstick  
 B) Oil Condition: **Ok Contaminated Fuel Diluted Moisture SL Mod Sev**  
 C) Leaks:  
 •  
 •  
 •  
 D) **Recommend UV dye test to ID leaks/sources Y**  
 E) Oil press light INOP Ok Goes Off Running Y/N “off” at idle (warm) Y/N  
 F) Oil press gauge INOP Ok Reads(warm) at idle \_\_\_\_\_ at 2500RPM \_\_\_\_\_  
 G) Timing belt history: N/A Unknown Known: Date/Year/mileage – \_\_\_\_\_  
 H) Motor Mounts: **1-Worn 2-Broken 3-Soft 4-Hard 5-Deteriorated 6-Oil Soaked 7-Collapsed**  
**Front Left - Right\_\_\_ Center - Front\_\_\_ Center - Rear\_\_\_ Rear Left - Right\_\_\_**

**13.Transmission –****13A. Automatic**

- A) Fluid level: Ok Low Overfilled  
 B) Fluid Condition: Ok Dark Smell/burnt Foamy  
 C) Shifting quality: Ok Delayed Early Too soft/slips Harsh/clunk  
**1 to 2:\_\_\_\_\_ 2 to 3:\_\_\_\_\_ 3 to 4:\_\_\_\_\_**  
 D) Kickdown function OK INOP  
 E) Downshift quality coming to a stop: Ok Delayed Too soft/slips Harsh/clunk  
 F) Noises:  
 G) Park Selection:  
 H) Shifter, linkage: Worn Play Bushings  
 I) Neutral safety switch function:  
 J) Trans mount(s): Worn Cracked Oil Soaked Collapsed Broken Deteriorated  
 K) Leaks:

**13B. Transmission – Standard**

- A) Fluid level: Ok Overfilled Below min. Not Showing
- B) Fluid condition: Ok Dark Contaminated (Burnt)smell Foamy
- C) Shifting quality: Ok Smooth Binding or Knotchy Vague
1. Bearing and/or Gear noise: Y N in what gear(s) \_\_\_\_\_ or All
  2. Synchros – Ok Not Ok Grinding gears: Y N Down shifting or Up shifting
  3. Grinding into: Reverse \_\_\_\_\_, \_\_\_\_\_ to \_\_\_\_\_, \_\_\_\_\_ to \_\_\_\_\_, \_\_\_\_\_ to \_\_\_\_\_  
SL M Sev
- D) Overdrive operation: N/A Ok Not Ok Unknown
- E) Trans mount(s): Worn Cracked Oil Soaked Collapsed Broken Deteriorated
- F) Leaks:
- G) Clutch pedal or linkage noise: Y N **Binding**
- H) Other:

**14. Differential/Driveshaft(s)/Axle(s)****14A. Rear Differential**

- A) Fluid level: Ok Overfilled Low Sev. Low
- B) Fluid condition: Ok Dark Thin Smell Moisture Contaminated
- C) Noise during: Accel “Coasting” Decel SL M Sev
- D) Rear differential Wear/Play SL M Sev
- |                      |     |                          |     |
|----------------------|-----|--------------------------|-----|
| Internal ring/pinion | Y N | Axles into diff          | Y N |
| Wheel bearing        | Y N | See bearings for details |     |
- E) Axle play:
- F) Breather/vent:
- G) Rear cover: N/A Rotted/rusted Leaks
- H) Diff. Mounts: N/A Worn Collapsed Oil Soaked Torn Broken
- I) Leaks:

**14B. Driveshaft**

- A) U joints, front: Worn Binding SL Mod Sev Yoke - Worn cap loose
- B) U joints, rear: Worn Binding SL Mod Sev Yoke - Worn cap loose
- C) U joints, center: N/A Worn Binding SL Mod Sev Yoke - Worn cap loose
- D) Center bearing/mount: noisy worn play SL Mod Sev
- E) Guibo joint, front/rear: cracking/torn SL Mod Sev
- F) Other:



**14C. Axles**

	<b>Play</b>	<b>Noisy</b>	<b>Cracking</b>	<b>Torn</b>	<b>lost grease</b>
A) L/front axle or CV joints/boots	_____	_____	_____	_____	_____
B) R/front axle or CV joints/boots	_____	_____	_____	_____	_____
C) L/rear axle or CV joints/boots	_____	_____	_____	_____	_____
D) R/rear axle or CV joints/boots	_____	_____	_____	_____	_____
E) Leaks/seals:					
F) Other:					

**15. AWD – 4WD****(15-A) Front Differential**

- A) Fluid level: Ok Overfilled Low Sev. Low
- B) Fluid condition: Ok Dark Thin Smell Moisture Contaminated
- C) Noise during: Accel \_\_\_\_\_ “Coasting” \_\_\_\_\_ Decel \_\_\_\_\_ SL M Sev
- D) Front diff. Wear/Play SL M Sev  
 Internal ring/pinion Y N Axles into diff Y N  
 Wheel bearings Y N See bearings for details
- E) Breather/vent
- F) Mounts: N/A Worn Collapsed Oil Soaked Torn Broken
- G) Leaks:
- H) Other:

**(15-B) Front Driveshaft:** Worn U-joints Yoke Caps loose SL M Sev

**(15-C) Transfer case**

- A) Fluid level: Ok Low Overfilled Too low to check
- B) Fluid condition: Ok Dark Thin Thick Foamy
- C) Leaks:
- D) Noise:
- E) Other:

**(15-D) 4WD/AWD Operation** Ok Not ok Unable to determine

**16. Dash/Gauges – Check operation**

- A) Speedometer/Odometer
- B) Fuel gauge unknown reading:
- C) Temp. gauge or light:
- D) Oil pressure gauge or light:
- E) Generator-alternator gauge or light or amp/volt meter:
- F) Other dash controls:
- G) Dash illumination:
- H) Other:

**17. Heating – Vent – A/C Function – Defrost**

	Floor	Defrost	Dash	Left	Right	N/A	Unable to determine
A) Heat:	_____	_____	_____	_____	_____	_____	_____
B) A/C:	_____	_____	_____	_____	_____	_____	_____
C) Vent/fresh/recirculate:	_____	_____	_____	_____	_____	_____	_____
D) Distribution volume:	_____	_____	_____	_____	_____	_____	_____
E) Fan speeds: 1___ 2___ 3___ 4___ NA							
F) A/C vent temp: _____° N/A Out of season							

**A) Under carriage – Frame – Floor panels, etc.**

A) Check for damage:

B) Check for rust:

C) Check for prior repairs or/ welding:

D) Evidence of being undercoated: \_\_\_\_\_ over prior repairs?

E) Frame:

**B) Body Notes – Window operation/Power lock operation**

A) Obvious visual damage:

B) Power window operation:

C) Power door lock operation:

D) Convertible: Manual or Power  
(Do not operate either without customer authorization)

**C) Other**