

# 1978-82 NCRS PERFORMANCE VERIFICATION TEST

Owner: \_\_\_\_\_ Membership #: \_\_\_\_\_ Date: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Location of Meet: \_\_\_\_\_  Driven  Trailered

Model Year: \_\_\_\_\_ VIN: \_\_\_\_\_ Color: \_\_\_\_\_ H.P.: \_\_\_\_\_

Insurance Company: \_\_\_\_\_ Policy #: \_\_\_\_\_ Expires: \_\_\_\_\_

**Important:** Prior to beginning test, owner and judge review Judging Reference Manual for test prerequisites and requirements including: Expected component function, seat belt use, engine RPM requirement, single malfunction repair and failure. Conduct test in order listed, circling each pass. Note specific reason for test failure. Conduct test in safe legal manner.

- Verifier is to score by circling "Pass" or "Fail" at right-hand column; one failure terminates test.

## PRETEST

Pretest: Owner, Third Flight, Liability Insurance, VIN Plate, Registration, License Plate(s), Driver's License, Tire Type, Wheel Caps/Rings	Yes	No
Pretest: Cold Engine Check	Yes	No

## THE TEST STARTS NOW — Cold Engine Start & Idle

Prestart Fluid Leaks	Pass	Fail
Automatic Transmission Starter Safety Switch (no cranking in forward & reverse ranges)	Pass	Fail
Manual Transmission Starter Interlock (no cranking unless clutch pedal is all the way to floor)	Pass	Fail
Start (no excessive cranking)(no starter drag)	Pass	Fail
Choke Operation & Fast Idle (engine must be cold)	Pass	Fail
Early Fuel Evaporation System/Heat Riser Valve	Pass	Fail
Thermostatically Controlled Air Cleaner Operation	Pass	Fail
Verify Auxiliary Engine Cooling Fan "Off" ('79-80 w/L82 & A/C; all '81-82)	Pass	Fail
Check for Excessive Engine Belt Squeal (with A/C on & off)	Pass	Fail
Exhaust System (no leaks)	Pass	Fail
Normal Idle (check for smoke, misfire & noisy lifters)(with A/C on & off)	Pass	Fail
Idle Speed Solenoid (if equipped)	Pass	Fail

## INTERIOR & EXTERIOR

Windshield Wipers: Two Speeds, Mist & Delay (check wiper pattern)	Pass	Fail
Windshield Washers (check coordination with wipers, even spray, no wiper streaking & shut-off)	Pass	Fail
<b>(STOP ENGINE AFTER WASHER TEST)</b>		
Mechanical Clock (must keep time)(quartz movement fails '78-80) & Reset – Time Notation: _____	Pass	Fail
Digital Clock (if equipped)(depress volume control to display, ign. off) & Reset – Time: _____	Pass	Fail
Interior Courtesy Lamps (underdash & dome)(check door remotes & light switch lamp functions)	Pass	Fail
Seat Belt Warning Lamp & Buzzer	Pass	Fail
Seat Belt Adjustment & Buckle Function (& locking retractors)	Pass	Fail
Seat Track Fore & Aft Manual Adjustments (both seats) & Optional '81-82 6-way Power Driver Seat	Pass	Fail
Seat Back Tilt (1978 regular production latching & release function)(both seats)	Pass	Fail
Glove Compartment Lock & Latch Function	Pass	Fail
Glove Compartment Lamp	Pass	Fail
Luggage Area Storage Compartment Doors (3 '78-late '79; 2 late '79-82) Open & Latch Functions	Pass	Fail
Rear Storage Compartment (one) Lock & Key Function (oval-head key)	Pass	Fail
Rear Security Shade	Pass	Fail

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Side Window Up & Down Operation (must be smooth, either manual or power)	Pass	Fail
1982 Collector Edition Rear Hatch Operation	Pass	Fail
Inside Door Locks & Door Handle Open & Latch Functions (inside handles inoperative when locked)	Pass	Fail
Low Fuel Warning Light (off unless fuel supply less than 2 gallons)	Pass	Fail
Generator Indicator Lamp (activate with ignition on, engine off)	Pass	Fail
"Check Engine" Light ('80 Cal., all '81-82)(activate with ign. on, engine off; momentarily on after start)	Pass	Fail
Cigarette Lighter Element (must pop out & glow)	Pass	Fail
Ash Tray (door opens & closes smoothly)(tray snaps securely into place)	Pass	Fail
Ignition Switch & Key Function (including accessory position)	Pass	Fail
Ignition Key Release Lever	Pass	Fail
Ignition Key Warning Buzzer (activate by opening left door)	Pass	Fail
Anti-Theft Ignition, Steering & Transmission Lock	Pass	Fail
Tilt-Telescopic Steering Column (if equipped)	Pass	Fail
Inside Rearview Mirror Pivoting & Day/Nite Adjustments (must hold position during drive)	Pass	Fail
Hood Release & Latching Function (must remain latched during test drive)	Pass	Fail
Underhood Lamp	Pass	Fail
Hood Hinges & Support	Pass	Fail
Horn Button (check for total horn button circumference contact)	Pass	Fail
Horns (dual horns all years)	Pass	Fail
Outside Door Latch Mechanism Open & Close Function (both doors)	Pass	Fail
Outside Door Lock & Key Function (oval key only, both doors)	Pass	Fail
Door Hinges Operation (left & right)	Pass	Fail
Outside Rearview Mirror Adjusting Operation (manual or power)(must maintain position during drive)	Pass	Fail
Removable Roof Panel Latches (check lock & release functions)	Pass	Fail
Roof Panel Storage Bags & Snaps, & Panel Storage Strap	Pass	Fail
Roof Panel Carrier & Storage Bag (1980-81)(if equipped)	Pass	Fail
Fuel Filler Door Catch (spring-loaded hinge) & Gas Cap (ratcheting mechanism)	Pass	Fail
Anti-Theft Alarm (check arm/disarm w/oval key; doors, '78-81 hood, & '82 CE hatch remote switches)	Pass	Fail
Spare Tire Carrier & Lock (oval key; lock for '78-79 only)	Pass	Fail
Spare Tire Illumination Lamp (activates with interior courtesy lamps)	Pass	Fail
Jack & Cranking/Lug Wrench Tool	Pass	Fail

## DRIVING LAMPS & ACCESSORIES

RESTART Engine	Pass	Fail
Retractable Headlamps Open & Close (check light switch function & vacuum override)	Pass	Fail
Low Beam Headlamps	Pass	Fail
High Beam Headlamps	Pass	Fail
Headlamp Bright Beam Indicator (blue)	Pass	Fail
Front Parking Lamps (must use amber bulbs; must operate with headlamps on)	Pass	Fail
Front & Rear Turn Signals (with & without parklamps on) (front side markers must integrate)	Pass	Fail
Cornering Lamps (1980-82)	Pass	Fail
Left & Right Direction Signal Pilot Indicators (must flash green)(must operate with hazard flasher)	Pass	Fail
Emergency Hazard Flasher Switch & Lamps	Pass	Fail
Brake Lights	Pass	Fail
Tail Lights & License Lamp	Pass	Fail
Front & Rear Side Marker Lamps (front side markers integrate with turn signals)	Pass	Fail
Back-Up Lights	Pass	Fail

## Cover Windows to Facilitate Interior Light Checks

Instr. Panel Gauge, Radio & Clock Illum. (check light sw. brightness regulator & ETR display dimming)	Pass	Fail
Console Illumination (auto trans. shift quadrant & heater-A/C control)	Pass	Fail

## Uncover Windows

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Brake System Warning Light (check using park brake lever) . . . . .	Pass	Fail
Park Brake Lever Apply & Release Function . . . . .	Pass	Fail
Radio Volume & Tone Controls (must sound clear with no static) . . . . .	Pass	Fail
Radio AM-FM-CB Selector Function . . . . .	Pass	Fail
Radio Dial AM-FM-CB Manual Tune & Push-Button Tune . . . . .	Pass	Fail
ETR Radio Display Function (digital readout/AM-FM-CB indicator) . . . . .	Pass	Fail
CB Radio Transmitter Check (if equipped)(ability to call another CB-equipped vehicle) . . . . .	Pass	Fail
Stereo Radio Reception Indicator Light & Speaker Balance Control (if equipped, must play in stereo) . . . . .	Pass	Fail
Stereo Tape Player (8-track or cassette) . . . . .	Pass	Fail
ETR Radio Scan & Seek Functions . . . . .	Pass	Fail
Power Antenna (extends with radio on; retracts with radio or ignition off) . . . . .	Pass	Fail
Heater Fan Speeds (3 fan speeds without A/C; 4 speeds with A/C) . . . . .	Pass	Fail
Heater & A/C Temperature Control (must move from COLD through HOT temp ranges) . . . . .	Pass	Fail
Air/De-Ice Control (non-A/C) (airflow from off to floor to windshield defroster duct) . . . . .	Pass	Fail
Air Conditioning System (if equipped; must blow cold in "norm" & "max" [inside air] positions) . . . . .	Pass	Fail
A/C Air Flow Duct Outlets Positioning (center & outboard) . . . . .	Pass	Fail
Rear Window Defogger (timed indicator light & element operation) . . . . .	Pass	Fail

## TEN-MILE ROAD TEST

Trip Odometer (reset to "0000" & check operation/accuracy during test drive) End:_____ . . . . .	Pass	Fail
Odometer (check operation/accuracy during test) Begin:_____ End:_____ . . . . .	Pass	Fail
Acceleration (check for engine misfire & stumble during secondary carb engagement) . . . . .	Pass	Fail
Deceleration (check for backfire) . . . . .	Pass	Fail
Cruise Control (if equipped) . . . . .	Pass	Fail
Speedometer (no needle bounce or noise) . . . . .	Pass	Fail
Tachometer (check for noise & excessive needle bounce) . . . . .	Pass	Fail
Verify "Check Engine" Light Off (if equipped) . . . . .	Pass	Fail
Oil Pressure (30 to 70 lbs.) . . . . .	Pass	Fail
Oil Temperature ('81-82 with ETR radio) . . . . .	Pass	Fail
Engine Coolant Temperature (normal 195-250; 250 max; check for overheating) . . . . .	Pass	Fail
Voltmeter . . . . .	Pass	Fail
Fuel Gauge . . . . .	Pass	Fail
Direction Turn Signal Cancel (left & right) . . . . .	Pass	Fail
Direction Signal "Lane Change" Function (left & right) . . . . .	Pass	Fail
Sunshades (move freely & maintain position on test)(tele. driver's late '79-82)(ck. vanity mirror lights) . . . . .	Pass	Fail

## MANUAL TRANSMISSION

Excessive Noise (including clutch throw-out bearing) . . . . .	Pass	Fail
Gear Engagement (no grinding) . . . . .	Pass	Fail
Upshift & Downshift Operation (must be smooth) . . . . .	Pass	Fail
Clutch Action (no slippage) . . . . .	Pass	Fail
Clutch Pedal Adjustment (check for freeplay) . . . . .	Pass	Fail
Clutch Spin Down Time (disengage clutch, wait 9 seconds, shift to reverse; no grinding) . . . . .	Pass	Fail
Acceleration & Deceleration (no popping out of 2nd & 3rd gears) . . . . .	Pass	Fail
Reverse Gear (reverse lockout "T" handle) . . . . .	Pass	Fail

## AUTOMATIC TRANSMISSION

Shift Lever Detent Button . . . . .	Pass	Fail
Gear Engagement . . . . .	Pass	Fail
Smooth Shifts . . . . .	Pass	Fail
Ability to Shift Manually . . . . .	Pass	Fail

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Torque Converter Slippage . . . . .	Pass	Fail
Throttle Acceleration Kickdown . . . . .	Pass	Fail
Reverse . . . . .	Pass	Fail

## REAR AXLE

Check for Excessive Axle or Wheel Bearing Noise . . . . .	Pass	Fail
Check for Universal Joint Noise & Driveshaft Vibration . . . . .	Pass	Fail
Check for Chatter with Positraction . . . . .	Pass	Fail

## BRAKES

Check for Squeal & Rotor Pulsation . . . . .	Pass	Fail
Check for Pull to Left or Right . . . . .	Pass	Fail
Check Brake Pedal Travel & Power Assist . . . . .	Pass	Fail

## STEERING & HANDLING

Steering Wheel Center . . . . .	Pass	Fail
Tracking Ability (check for left or right wander, account for road crown) . . . . .	Pass	Fail
Ability in Right & Left Turns . . . . .	Pass	Fail
Check for "Shimmy" & Excessive Free Play in Steering Wheel . . . . .	Pass	Fail
Check for Wheel Balance . . . . .	Pass	Fail

## GENERAL PERFORMANCE

Check for Excessive Rattles . . . . .	Pass	Fail
Check for General Tightness of Vehicle (does it shake & rattle over bumps, etc.?) . . . . .	Pass	Fail
Check for Excessive Wind Drafts Due to Improper Side Window Fit or Top Sealing . . . . .	Pass	Fail

## FOLLOWING ROAD TEST

Automatic Transmission Parking Detent (without park brake assist) . . . . .	Pass	Fail
Check for Automatic Transmission Driveline "Clunk" (shifting from D to R, indicating faulty U-joints) . . . . .	Pass	Fail
Parking Brake Ability (in neutral; hill or slow roll) . . . . .	Pass	Fail
Parking Brake Ability (car in gear) . . . . .	Pass	Fail
Power Steering Ability While Stopped (check for excessive pump/belt noise while turning) . . . . .	Pass	Fail
Check for "Dieseling" ( <b>STOP ENGINE</b> ) . . . . .	Pass	Fail
Check Headlamp Remind Buzzer ('78-79 w/ZX2; all '80-82)(ign. off, light sw. on, park & headlamps) . . . . .	Pass	Fail
Note Time of Day on Clock Since Initial Check & Notation: _____ . . . . .	Pass	Fail
Check for Closed 1982 Hood Louvre Air Solenoid . . . . .	Pass	Fail
Check for Engine Oil, Gas, or Coolant Leaks . . . . .	Pass	Fail
Check for Power Steering Pump & Slave Cylinder Leaks . . . . .	Pass	Fail
Check for Brake Master Cylinder Leaks (underhood & underdash) & Wheel Caliper Leaks . . . . .	Pass	Fail
Check for Transmission Leaks . . . . .	Pass	Fail
Check for Rear Axle Leaks (pinion seal) . . . . .	Pass	Fail
Check ECM ('80 Calif. & all '81-82)(jump terminals A & B to activate trouble code system) . . . . .	Pass	Fail
Verify No ECM Trouble Codes Stored . . . . .	Pass	Fail
Has Anything Fallen Off or Come Loose? . . . . .	Pass	Fail
Note Any Unusual Occurrences During Test . . . . .	Pass	Fail
Any Necessary Rechecks . . . . .	Pass	Fail

## END OF TEST

Performance Verifier: \_\_\_\_\_

(signature)

Test:  PASS  FAIL