

# 1968-72 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, Wheelcovers/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
Transmission Controlled Spark System (if equipped) . . . . .	Pass	Fail
Check for Excessive Engine Belt(s) Squeal . . . . .	Pass	Fail
Exhaust System (no leaks) . . . . .	Pass	Fail
Normal Idle (check for smoke, misfire & noisy hydraulic lifters) . . . . .	Pass	Fail

## INTERIOR & EXTERIOR

Windshield Wipers, Wiper Door & Two Wiper Speeds (check wiper/door coordination & wiper pattern) . . . . .	Pass	Fail
Wiper Door Vacuum Override . . . . .	Pass	Fail
Windshield Washers (check coordination with wipers/door, even spray, no wiper streaking & shut-off) . . . . .	Pass	Fail
Low-Beam Headlamp Washers (1969-70) . . . . .	Pass	Fail

### STOP ENGINE AFTER WASHER TEST (Wipe Washer Fluid Run-off)

Clock (must keep time)(quartz movement fails) & Clock Reset – Time Notation: _____ . . . . .	Pass	Fail
Courtesy Lamps (dash & luggage lamps)(check door remote switches & light switch lamp functions) . . . . .	Pass	Fail
Seat Track Fore & Aft Adjustments (both seats) . . . . .	Pass	Fail
Seat Back Tilt Latching & Release Locks (both seats) . . . . .	Pass	Fail
Luggage Area Storage Compartment Doors (three) Open & Latch Functions . . . . .	Pass	Fail
Rear Center Glove Compartment Light . . . . .	Pass	Fail
Rear Storage Compartment (one) Lock & Key Function (oval-head key) . . . . .	Pass	Fail
Side Window Up & Down Operation (must be smooth, either manual or power) . . . . .	Pass	Fail
Inside Door Locks & Door Handle Open & Latch Functions (inside handles inoperative when locked) . . . . .	Pass	Fail
Door Ajar Warning Light . . . . .	Pass	Fail

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Cigarette Lighter Element (must pop out and glow) . . . . .	Pass	Fail
Ash Tray (door opens & closes smoothly)(tray snaps securely into place) . . . . .	Pass	Fail
Rear Window Defogger (optional)(low, off & high speeds) . . . . .	Pass	Fail
Ignition Switch & Key Function (including accessory position) . . . . .	Pass	Fail
Ignition Key Warning Buzzer (activate by opening left door) . . . . .	Pass	Fail
1969-72 Anti-Theft Ignition, Steering & Transmission Lock (THM locks in "park", MT locks in reverse) . . . . .	Pass	Fail
Tilt-Telescopic Steering Column (if equipped) . . . . .	Pass	Fail
Inside Rearview Mirror Triple-Jointed Pivoting & Day/Nite Adjustments (must hold position during drive) . . . . .	Pass	Fail
1968 Head Restraints (if equipped) (check adjustment detent positions) . . . . .	Pass	Fail
Hood Release & Latching Function (must remain latched during test drive) . . . . .	Pass	Fail
Hood Support & Hood Hinges (check support mechanism & binding of hood at nose) . . . . .	Pass	Fail
Horn Button (check for total horn button circumference contact) . . . . .	Pass	Fail
Horns (check both high & low note horns) . . . . .	Pass	Fail
Outside Door Latch Mechanism Open & Close Function (both doors) . . . . .	Pass	Fail
Outside Door Lock & Key Function (ignition key only, both doors) . . . . .	Pass	Fail
Door Hinges Operation (left & right) . . . . .	Pass	Fail
Outside Left-Hand Rearview Mirror Adjusting Operation (must maintain position during test drive) . . . . .	Pass	Fail
Convertible Top Compartment Deck Release & Rear Bow Release Operations (without hardtop) . . . . .	Pass	Fail
Soft/Hardtop Header Latches or Coupe Roof Latches (check lock & release functions) . . . . .	Pass	Fail
Coupe Roof Storage Bags & Snaps, & Panel Storage Strap . . . . .	Pass	Fail
Coupe Rear Window Latches & Window Storage Tray (each should engage smoothly & securely) . . . . .	Pass	Fail
Fuel Filler Door Catch (spring-loaded hinge) . . . . .	Pass	Fail
Anti-Theft Alarm (if equipped; check arm & disarm with oval key; hood & door remote switches) . . . . .	Pass	Fail
Spare Tire Carrier & Lock (oval key) . . . . .	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
Headlamp Position Alarm Light (1969-72) . . . . .	Pass	Fail
Low Beam Headlamps . . . . .	Pass	Fail
High Beam Headlamps . . . . .	Pass	Fail
Headlamp Bright Beam Indicator (red 1968-70; blue 1970-72) . . . . .	Pass	Fail
Front Park Lamps (must use amber bulb when lens is clear; must also operate with headlamps on) . . . . .	Pass	Fail
Front & Rear Turn Signals (with & without parklamps on) (1971-72 front side markers must integrate) . . . . .	Pass	Fail
Left & Right Direction Signal Pilot Indicators (must flash green) (must also 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 (1971-72 front side markers integrate with turn signals) . . . . .	Pass	Fail
Back-Up Lights . . . . .	Pass	Fail

### Cover Windows to Facilitate Interior Light Checks

Lamp Monitoring System (1968 to late-1971) (6 front & 3 rear) . . . . .	Pass	Fail
Instrument Panel Gauge, Radio, & Clock Illumination (check light control switch brightness regulator) . . . . .	Pass	Fail
Cigarette Lighter Receptacle Lamp Illumination & Dimming . . . . .	Pass	Fail
Automatic Transmission Console Shift Quadrants Illumination & Dimming (1971-72) . . . . .	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 Selector Function . . . . .	Pass	Fail
Radio Dial AM & FM Manual Tune & Push-Button Tune . . . . .	Pass	Fail
Stereo Radio Reception Indicator Light & Speaker Balance Control (if equipped, must play in stereo) . . . . .	Pass	Fail
Heater Fan Speeds (3 fan speeds without A/C; 4 speeds with A/C) . . . . .	Pass	Fail
Heater & A/C Temperature Thumbwheel Control (must blow from "C" through "H" temp ranges) . . . . .	Pass	Fail
Air/De-Ice Thumbwheel 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", "bi-level" & "max" [inside air] positions) . . . . .	Pass	Fail
A/C Air Flow Duct Outlets Positioning & (1969-72) Center & Outboard Duct Closure Knobs . . . . .	Pass	Fail
1968-71 Seat Belt Warning Light . . . . .	Pass	Fail
1972 Seat Belt Warning Light & Buzzer (THM operates in forward gear; MT in any gear, park brake off) . . . . .	Pass	Fail
1972 Pass. Seat Belt Weight Detector (activates buzzer & light with nominal seat-bottom weight) . . . . .	Pass	Fail
Seat Lap Belts Adjustment & Buckle Functions (& 1972 locking retractors) . . . . .	Pass	Fail
Shoulder Belts (std. on cpe.; optnl. on cnvrt.)(check inertia retractors operation on 1970-72) . . . . .	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 multiple/secondary carb engagement) . . . . .	Pass	Fail
Deceleration (check for backfire) . . . . .	Pass	Fail
Speedometer (no needle bounce or noise) . . . . .	Pass	Fail
Tachometer (check for noise & excessive needle bounce) . . . . .	Pass	Fail
Oil Pressure (20 to 80 lbs. normal) . . . . .	Pass	Fail
Engine Coolant Temperature (160 to 210 degrees; check for overheating) . . . . .	Pass	Fail
Battery/Ammeter (should indicate + charging) . . . . .	Pass	Fail
Fuel Gauge . . . . .	Pass	Fail
1968-69 Speed Warning Indicator Control Setting & Buzzer Operation (if equipped) . . . . .	Pass	Fail
Direction Turn Signal Cancel (left & right) . . . . .	Pass	Fail
Direction Signal "Lane Change" Function (left & right) . . . . .	Pass	Fail
Sunshades (must move freely, but maintain positions during test drive) . . . . .	Pass	Fail
Cowl Plenum Vents (non-A/C)(check lower kick panel vents & cables, & separate upper outlet balls) . . . . .	Pass	Fail

## MANUAL TRANSMISSION

Excessive Noise (including clutch throw-out bearing) (gear whine okay with M22) . . . . .	Pass	Fail
Gear Engagement (no grinding) . . . . .	Pass	Fail
Upshift & Downshift Operation (must be smooth; no short-throw) . . . . .	Pass	Fail
Clutch Action (no slippage) . . . . .	Pass	Fail
Clutch Pedal Adjustment (check for freeplay) . . . . .	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

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Ability to Shift Manually . . . . .	Pass	Fail
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 (if equipped; check for excessive pump/belt noise while turning) . . . . .	Pass	Fail
Check for "Dieseling" ( <b>STOP ENGINE</b> ) . . . . .	Pass	Fail
Note Time of Day on Clock Since Initial Check & Notation: _____ . . . . .	Pass	Fail
Check for Engine Oil, Gas, or Coolant Leaks . . . . .	Pass	Fail
Check for Power Steering Pump & Slave Cylinder Leaks (if equipped) . . . . .	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
Has Anything Fallen Off or Come Loose? . . . . .	Pass	Fail
Note Any Unusual Occurrences During Test . . . . .	Pass	Fail
Any Necessary Recheck . . . . .	Pass	Fail

## END OF TEST

Performance Verifier: \_\_\_\_\_  
4/96 (signature)

Test:  PASS  FAIL