

# NCRS 1997-1999 Corvette 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 registering for PV test the owner should review the 1997, 1998, and 1999 Corvette Operations Manual & Performance Verification Test Guide for test prerequisites and requirements including expected component function, seat belt use, engine RPM requirement, single malfunction repair and failure. Test is to be conducted in the following approximate order listed. 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. A failure of any item during any part of the test constitutes a failure.**

**PRETEST**

Owner has achieved at least Third Flight	Yes	No
Driver’s License	Yes	No
Liability Insurance	Yes	No
VIN Plate	Yes	No
Registration, License Plate(s)	Yes	No
Tire Type, Wheel Type	Yes	No
Pretest: Cold Engine	Yes	No

**THE TEST STARTS NOW**

**INTERIOR & EXTERIOR**

Outside Door Lock & Key Function (Both Doors)	Pass	Fail
Outside Door Latch Mechanism Open & Close Function (Both Doors)	Pass	Fail
Remote Function Activation System	Pass	Fail
Door Hinge Operation (Left & right)	Pass	Fail
Inside Door Locks & Door Handle Open & Latch Functions (Inside handles inoperative when locked)	Pass	Fail
Universal Theft Deterrent System	Pass	Fail
Steering Lock	Pass	Fail
Windows	Pass	Fail
Dash Compartment Lock & Latch Function	Pass	Fail
Dash Compartment Lamp	Pass	Fail
Console Compartment Lock & Latch Function	Pass	Fail
Coupe Rear Hatch, or Convertible and Hardtop Trunk Operation	Pass	Fail
Coupe Luggage Shade	Pass	Fail
Parcel Net	Pass	Fail
Coupe Roof Panel Storage Brackets	Pass	Fail
Seat Adjustment	Pass	Fail
Seat Belt Warming Lamp & Chime	Pass	Fail
Seat Belt Adjustment & Buckle Function	Pass	Fail
Seat Belt Cinch Feature	Pass	Fail
Memory Options	Pass	Fail

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## INTERIOR & EXTERIOR (CONTINUED)

Sunshades (Move freely & hold position during test including drive)	Pass	Fail
Lighted Vanity Mirrors	Pass	Fail
Map Light	Pass	Fail
Inside Rearview Mirror Pivoting & Day/Night Adjustments (Must hold position during drive)	Pass	Fail
Ignition Switch & Key Function	Pass	Fail
Ignition Key Warning Chime (Activated by opening left door)	Pass	Fail
Tilt Steering Column	Pass	Fail
Power Telescopic Steering Column Option	Pass	Fail
Horn Operation (Both pads)	Pass	Fail
Outside Rearview Mirror Adjusting Operation (Must hold position during drive)	Pass	Fail
Ash Tray (Door opens & closes smoothly; tray snaps securely into place)	Pass	Fail
Cigarette Lighter Element Must Pop Out & Glow (Does not pop out of socket)	Pass	Fail
Accessory Power Outlet	Pass	Fail
Interior Courtesy lamps (Check door remotes & light switch lamp functions)	Pass	Fail
Headlight Warning Chime	Pass	Fail
Coupe Removable Roof Panel Latches (Check lock & release functions)	Pass	Fail
Convertible Top Operation	Pass	Fail
Fuel Filler Door & Gas Cap	Pass	Fail
Extended Mobility Tires	Pass	Fail
Locking Lug Nuts & Locking Lug Nut Key	Pass	Fail
Hood Release & Latching Functions (Must remain latched during test drive)	Pass	Fail
Hood Hinges & Support	Pass	Fail
Underhood Lamp	Pass	Fail
Engine Coolant Heater	Pass	Fail
<b>COLD ENGINE START &amp; IDLE</b>		
Pre-start Fluid Leaks	Pass	Fail
Automatic Transmission Starter Safety Switch	Pass	Fail
Manual Transmission Starter Interlock	Pass	Fail
Start (No excessive cranking or starter drag)	Pass	Fail
Idle (engine must be cold)	Pass	Fail
Verify Engine Cooling Fans Off	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
<b>(STOP ENGINE)</b>		
<b>DRIVING LAMPS &amp; ACCESSORIES</b>		
<b>(ENGINE MAY BE RESTARTED)</b>		
Windshield Wipers (Speeds, mist, delay, wiper pattern & shut-off)	Pass	Fail
Windshield Washers (check coordination with wipers, even spray, no wiper streaking & shut-off)	Pass	Fail
Headlamp Doors	Pass	Fail
Low & Low Beam Multifunction Lever	Pass	Fail
Lamps On Reminder	Pass	Fail
Optional Fog Lamps	Pass	Fail
Front Parking Lamps	Pass	Fail
Frt & Rr Turn Signals (with & without park lamps on; non US delivered only, day time running lights)	Pass	Fail
Direction Signal Pilot Indicators (Must operate with hazard flasher)	Pass	Fail
Emergency Hazard Flasher Switch & Lamps	Pass	Fail
Brake Lights	Pass	Fail
Tail Lights & License Lamps	Pass	Fail
Front & Rear Side Marker Lamps (Front side markers integrate with turn signals)	Pass	Fail
Back-Up Lights	Pass	Fail

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***Windows may need to be covered to Facilitate Interior Light Checks***

Instrument Panel Lighting	Pass	Fail
Driver Information Center	Pass	Fail
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
Stereo Tape Player (Cassette) or In Dash CD Player	Pass	Fail
Optional CD Player	Pass	Fail
Radio Scan & Seek Functions	Pass	Fail
Power Antenna (extends with radio on; retracts with radio or ignition off)	Pass	Fail
Heater & A/C Fan Speeds	Pass	Fail
Heater & A/C Temperature Control	Pass	Fail
Air/De-Ice Control (Airflow from off to floor to windshield defroster duct)	Pass	Fail
Air Conditioning System	Pass	Fail
A/C Air Flow Duct Outlets Positioning (Center & outboard)	Pass	Fail
Coupe, Hardtop, & Convertible Rear Window Defogger (indicator light & element operation)	Pass	Fail
Tire Pressure Display	Pass	Fail

**TEN-MILE ROAD TEST**

Trip Odometer (Reset "0000" & check operation/accuracy during test drive)	Pass	Fail
Odometer (Check operation/accuracy during test from beginning & end)	Pass	Fail
Acceleration (Check for engine misfire & stumble)	Pass	Fail
Deceleration (Check for backfire)	Pass	Fail
Cruise Control	Pass	Fail
Speedometer	Pass	Fail
Tachometer	Pass	Fail
Verify "Check Engine" or "Service Engine Soon" Light Off	Pass	Fail
Oil Pressure (30 to 70 lbs.)	Pass	Fail
Oil Temperature	Pass	Fail
Engine Coolant Temperature (Normal 185-225)	Pass	Fail
Voltmeter	Pass	Fail
RESERVE Light off (Unless fuel supply less than 2 gallons)	Pass	Fail
Fuel Gauge	Pass	Fail
Heads Up Display (1999 Only)	Pass	Fail
Direction Turn Signal Cancel (Left & right)	Pass	Fail
Direction Signal 'Lane Change' Function (Left & right)	Pass	Fail

**MANUAL TRANSMISSION**

Excessive Noise (Including clutch throw-out bearing)	Pass	Fail
Gear Engagement (No grinding)	Pass	Fail
Upshift & Downshift Operation	Pass	Fail
Clutch Action (No slippage)	Pass	Fail
Clutch Pedal Adjustment (Check for freeplay)	Pass	Fail
Down Time (Disengage clutch, wait 5 seconds, shift to reverse; no grinding)	Pass	Fail
Acceleration & Deceleration (No popping out of gear)	Pass	Fail
Reverse Gear (Reverse lockout)	Pass	Fail
Clutch Spin Down Time (Disengage clutch, wait 5 seconds, shift to reverse; no grinding)	Pass	Fail
Acceleration & Deceleration (No popping out of gear)	Pass	Fail

**AUTOMATIC TRANSMISSION**

Shift Lever Detent Button (Brake Applied Prior to Shift from Park)	Pass	Fail
Gear Engagement	Pass	Fail

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Smooth Shifts	Pass	Fail
Ability to Shift Manually	Pass	Fail
Torque Converter Slippage	Pass	Fail
Throttle Acceleration Kickdown	Pass	Fail
Reverse	Pass	Fail
<b>REAR AXLE</b>		
Check for Excessive Axle or Wheel Bearing Noise	Pass	Fail
Check for Universal Joint Noise & Driveshaft Vibration	Pass	Fail
Check for Positraction Chatter	Pass	Fail
<b>BRAKES &amp; TRACTION CONTROL SYSTEM (TCS)</b>		
Check for Squeal & Rotor Pulsation	Pass	Fail
ABS Brakes	Pass	Fail
Check for Pull to Left or Right	Pass	Fail
Check Brake Pedal Travel & Power Assist	Pass	Fail
TCS (Traction Control System)	Pass	Fail
<b>STEERING &amp; HANDLING</b>		
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
<b>GENERAL PERFORMANCE</b>		
Check for Excessive Rattles	Pass	Fail
Check for General Tightness of Vehicle (Does it shake & rattle over bumps)	Pass	Fail
Check for Excessive Wind Drafts Due to Improper Side Window Fit or Top Sealing	Pass	Fail
<b>FOLLOWING ROAD TEST</b>		
Automatic Transmission Parking Detent (Without park brake assist)	Pass	Fail
Automatic Transmission Driveline "Clunk" (shifting from D to R)	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 pump /belt noise while turning steering wheel)	Pass	Fail
Check for "Dieseling" ( <i>Stop Engine</i> )	Pass	Fail
Check Headlamp Remind Buzzer (Ignition off, light switch on, park & headlamps)	Pass	Fail
Note Time of Day on Clock Since Initial Check & Notation	Pass	Fail
Check for Closed Hood	Pass	Fail
Check for Engine Oil, Gas, or Coolant Leaks	Pass	Fail
Check for Power Steering Pump & Rack & Pinion Leaks	Pass	Fail
Check for Brake System Leaks (Underhood, underdash & wheel caliper)	Pass	Fail
Check for Transmission Leaks	Pass	Fail
Check for Rear Axle Leaks (Pinion seal)	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 Rerechecks	Pass	Fail
<b>END OF TEST</b>		

Performance Verifier: \_\_\_\_\_ Test: PASS \_\_\_\_\_ FAIL \_\_\_\_\_

(Signature) \_\_\_\_\_