

## NCRS 2005-2007 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 operator should review the applicable 2005-2007 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.

**Test must be Conducted in a safe and 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
Wheel Type & Size .....	Yes	No
Tire Type: Extended Mobility - Proper Size .....	Yes	No
Pretest: Cold Engine .....	Yes	No

### THE TEST STARTS NOW

#### INTERIOR & EXTERIOR

1. Door Open, Close, Latch Functions (Both Doors) .....	Pass	Fail
Detent Functions (Both Doors) .....	Pass	Fail
Door Lock & Unlock Functions (Both Doors) .....	Pass	Fail
Door Hinge Operation (Both Doors) .....	Pass	Fail
2. Keyless Access System (FOB's 2 req.) .....	Pass	Fail
Key Lockout Protection System .....	Pass	Fail
3. Theft Deterrent System & Emergency Door Releases .....	Pass	Fail
4. Steering Lock RPO ULS (2005 only) .....	Pass	Fail
5. Windows, Indexing & Express-Down Feature .....	Pass	Fail
6. Dash Compartment Lock & Latch Function .....	Pass	Fail
Dash Compartment Lamp .....	Pass	Fail
Passenger Air Bag Switch & Lamp* 05, 2006+ Pass Seat Indicator .....	Pass	Fail
7. Console Compartment Lock & Latch Function (2005 to late 2006) .....	Pass	Fail
8. Hatch or Conv. Trunk Operation incl. Button .....	Pass	Fail
Coupe Power Pull-Down Feature .....	Pass	Fail
Emergency Hatch or Trunk Release w/Key .....	Pass	Fail
9. Coupe Luggage Shade .....	Pass	Fail
10. Cargo Net .....	Pass	Fail
11. Seat Adjustment & Sport seat functions (where applicable) .....	Pass	Fail
12. Seat Belt Warning Lamp & Chime .....	Pass	Fail
13. Seat Belt Adjustment & Buckle Function .....	Pass	Fail
14. Seat Belt Cinch Feature .....	Pass	Fail
15. Memory Option .....	Pass	Fail
16. Sunshades (Move freely & hold position during test including drive) .....	Pass	Fail

**INTERIOR & EXTERIOR (CONTINUED)**

17. Lighted Vanity Mirrors .....	Pass	Fail
18. HomeLink Transmitter .....	Pass	Fail
19. Inside Rearview Mirror: Day/Night Adj. or Self Dimming .....	Pass	Fail
Compass & Map Lamp .....	Pass	Fail
20. Tilt Steering Column Detents .....	Pass	Fail
21. Power Telescopic Steering Column .....	Pass	Fail
22. Horn Operation .....	Pass	Fail
23. Outside Rearview Mirror Adjusting and Holding Operation .....	Pass	Fail
24. Ash Tray Door, Insert & Cup Holder Door .....	Pass	Fail
25. Cigarette Lighter Element .....	Pass	Fail
26. Console Accessory Power Outlet .....	Pass	Fail
27. Interior Courtesy, Map & Trunk Lamps .....	Pass	Fail
28. Headlight Warning Chime .....	Pass	Fail
29. Coupe Removable Roof Panel Latches (lock & release functions) .....	Pass	Fail
29. Convertible Top: Manual or Power Top Operation .....	Pass	Fail
30. Fuel Filler Door: Power & Manual Release, Gas Cap Function .....	Pass	Fail
31. Hood Release & Latching Functions .....	Pass	Fail
Hood Hinges & Support .....	Pass	Fail
Under-hood Lamp (2005-2006) .....	Pass	Fail
Engine Coolant Heater .....	Pass	Fail

**32. COLD ENGINE START & IDLE**

Pre-start Fluid Leaks .....	Pass	Fail
Ignition Start Button & Functions .....	Pass	Fail
Automatic Transmission Shifter Lock Test .....	Pass	Fail
Automatic Transmission Neutral Safety Switch Test .....	Pass	Fail
Manual Transmission Neutral Safety Switch Test .....	Pass	Fail

**33. START ENGINE NOW**

Engine Start Button & Starter .....	Pass	Fail
Fast Idle .....	Pass	Fail
Normal Idle (Check for smoke, misfire & noisy lifters; with A/C on & off) .....	Pass	Fail
Warning Light Bulb Check, Incl. Pass. Air bag warning .....	Pass	Fail
Verify Engine Cooling Fans off .....	Pass	Fail
Drive Belt Operation (A/C on & off) .....	Pass	Fail
Exhaust System (No leaks) .....	Pass	Fail

**DRIVING ACCESSORIES & LAMPS**

34. Windshield Wipers: Speeds, Mist, Delay, Wiper Pattern, Park & No Streaks .....	Pass	Fail
Windshield Washers Coordination w/ Wipers, Pattern, Shut-off .....	Pass	Fail
35. Front & Rear Turn Signals (w/ & w/o Park lamps on) .....	Pass	Fail
Directional Signal Dash Indicators .....	Pass	Fail
36. Low, High Beam Lamps, Dash Indicator, Flash to Pass .....	Pass	Fail
37. Front & Rear Parking Lamps .....	Pass	Fail
38. Daytime running lamps .....	Pass	Fail
39. Brake Lamps including Center lamp .....	Pass	Fail
Emergency Hazard Flasher, Dash & Switch Indicators .....	Pass	Fail
40. Front & Rear Side Marker Lamps .....	Pass	Fail
41. License Plate Lamps .....	Pass	Fail
42. Fog Lamps & Dash Indicator .....	Pass	Fail
43. Back-Up Lamps .....	Pass	Fail

**\*\*A dark environment or window coverings may be needed to facilitate the following check**

44. Instrument, Door Panel & Console Lighting .....	Pass	Fail
45. Driver Information Center .....	Pass	Fail

46. Heads Up Display .....	Pass	Fail
47. Driver & Passenger Seat Heaters .....	Pass	Fail
48. Brake System Warning Light (Check using park brake lever) .....	Pass	Fail
Park Brake Lever Apply & Release Function .....	Pass	Fail
49. Radio Volume, Tone & Equalizer Controls .....	Pass	Fail
Radio AM-FM Selector & Voice Control Function .....	Pass	Fail
Radio Scan & Seek Functions, '07 Steering Wheel controls .....	Pass	Fail
XM Satellite Radio.....	Pass	Fail
Single CD or 6 Disk Player .....	Pass	Fail
Clock Reset Function.....	Pass	Fail
50. OnStar System.....	Pass	Fail
51. Climate Control Syst: Fan Speeds .....	Pass	Fail
Climate Control Syst: Temperature Control & Dual Temp .....	Pass	Fail
Climate Control Syst: Airflow: Vent, Bi-level, Floor, Defrost/defog .....	Pass	Fail
Climate Control Syst: Cooling & Heating, Recirc. Function button.....	Pass	Fail
Air Duct Outlets Positioning: Outboard & Center.....	Pass	Fail
52. Rear Window Defogger & Heated Mirror functions .....	Pass	Fail

#### TEN-MILE ROAD TEST:

Trip Odometer: Reset to 0, Accuracy from beginning to end.....	Pass	Fail
Odometer: Accuracy from beginning to end .....	Pass	Fail
Acceleration, Red line, Performance, NPP Exhaust & Traction Control.....	Pass	Fail
Deceleration (Check for backfire) .....	Pass	Fail
Excessive Axle or Wheel Bearing Noise.....	Pass	Fail
Posi traction Noise or Chatter .....	Pass	Fail
Universal Joint Noise or Driveshaft Vibration.....	Pass	Fail
F55 Magnetic Shock Control.....	Pass	Fail
Cruise Control .....	Pass	Fail
Navigation and Voice Recognition System.....	Pass	Fail
Speedometer .....	Pass	Fail
Tachometer .....	Pass	Fail
Verify Dash Warning Lights Remain 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
Fuel RESERVE Light off (Unless supply less than 2 gallons) .....	Pass	Fail
Fuel Gauge .....	Pass	Fail
Tire Pressure and Outside Temperature Display.....	Pass	Fail
Directional Signal Cancel (Left & right) .....	Pass	Fail
Directional Signal Lane Change & Merge Function (Left & right) .....	Pass	Fail

#### MANUAL TRANSMISSION

Transmission Noise (Including clutch throw-out bearing) .....	Pass	Fail
Gear Synchronization (No grinding) .....	Pass	Fail
Upshift & Downshift Operation .....	Pass	Fail
1-4 Shifting (2nd & 3rd Lock Out).....	Pass	Fail
Clutch Performance (No slippage) .....	Pass	Fail
Clutch Pedal adjustment (Check free play) .....	Pass	Fail
Gear Engagement (No popping out of gear).....	Pass	Fail
Reverse Gear Lockout .....	Pass	Fail
Clutch Spin Down Time (Disengage clutch, wait 5 seconds, shift to reverse; no grinding).....	Pass	Fail

### **AUTOMATIC TRANSMISSION**

Shift Lever Detent Button (Brake Applied Prior to Shift from Park) .....	Pass	Fail
Gear Engagement .....	Pass	Fail
Smooth Shifts .....	Pass	Fail
Manual Shifting .....	Pass	Fail
Paddle Shift Operation .....	Pass	Fail
Torque Converter Slippage .....	Pass	Fail
Throttle Acceleration Kickdown .....	Pass	Fail
Reverse Gear, Forward to Reverse Shift Clunk.....	Pass	Fail

### **BRAKES & ANTI-LOCK BRAKE SYSTEM (ABS)**

Brake Squeal and or Rotor Pulsation .....	Pass	Fail
Anti-Lock Brake System Test (ABS Active message) .....	Pass	Fail
Brake Pull to Left or Right .....	Pass	Fail
Brake Pedal Travel & Power Assist .....	Pass	Fail
Parking Brake Ability in Neutral, Slow Roll .....	Pass	Fail
Parking Brake Ability in Reverse, Slow Roll.....	Pass	Fail

### **STEERING & HANDLING**

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

### **GENERAL PERFORMANCE**

Excessive Rattles .....	Pass	Fail
General Tightness of Vehicle (shake & rattle over bumps) .....	Pass	Fail
Excessive Wind Drafts, Improper Side Window Fit or Top Sealing .....	Pass	Fail

### **POST ROAD TEST:**

Odometer Accuracy .....	Pass	Fail
Automatic Transmission Parking Detent (Without Park brake assist) .....	Pass	Fail
Power Steering Ability While Stopped (Check for belt noise while turning steering wheel) .....	Pass	Fail
Check for 'Dieseling' (Stop Engine) .....	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 (Under hood, under dash & 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 Rechecks .....	Pass	Fail

### **END OF TEST**

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

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