

OBDDII Monitor Exercised	Step	Drive Cycle Procedure	Purpose of Drive Cycle Procedure
Drive Cycle Preparation	1	Install scan tool. Turn key ON with the engine off. Cycle key OFF, then ON. Select appropriate vehicle and engine qualifier. Clear all DTCs and perform a PCM reset.	Bypasses engine soak timer. Resets OBDDII Monitor status
	2	Begin to monitor the following PIDs: ECT, EVAPDC, FLI (if available) and TP MODE. Start vehicle WITHOUT returning the key to OFF.	
	3	Idle vehicle for 15 seconds. Drive at 64 Km/h (40 MPH) until ECT is at least 76.7°C (170°F)	
Prep for Monitor Entry	4	Is IAT within 4.4° to 37.8°C (40° to 100°F)? If not complete the following steps, but note that step 14 will be required to “bypass” the EVAP monitor and clear the P1000.	Engine warm-up and provide IAT input to the PCM
HEGO	5	Cruise at 64 Km/h (40 MPH) for up to 4 minutes.	Executes the HEGO monitor
EVAP	6	Cruise at 72 to 104 Km/h (45 to 65 MPH) for 10 minutes, avoiding sharp turns and hills). Note: To initiate the monitor, TP MODE should = PT, EVAPDC must be >75%, and FLI must be between 15% and 85%.	Executes the EVAP monitor (if IAT is within 4.4 to 37.8° C(40° to 100°F)
Catalyst	7	Drive in stop and go traffic conditions. Include five different constant cruise speeds, ranging from 40 to 72 Km/h (25 to 45 MPH) over a 10 minute period	Executes the Catalyst monitor
EGR	8	From a stop, accelerate to 72 Km/h (45 MPH) at ½ to ¾ throttle	Executes the EGR monitor
SEC AIR/CCM (Engine)	9	Bring the vehicle to a stop. Idle with transmission in drive (neutral for M/T) for 2 minutes	Executes the ISC portion of the CCM
CCM (Trans)	10	For M/T, accelerate from 0 to 80 Km/h (0 to 50 MPH), and continue to step 11. For A/T, from a stop and in overdrive, moderately accelerate to 80 Km/h (50 MPH) and cruise for at least 15 seconds. Stop vehicle and repeat without overdrive to 64 Km/h (40 MPH), cruising for at least 30 seconds. While at 64 Km/h (40 MPH), activate overdrive and accelerate to 80 Km/h (50 MPH) and cruise for at least 15 seconds. Stop for at least 20 seconds and repeat step 10 five times.	Executes the transmission portion of the CCM
Misfire and Fuel Monitors	11	From a stop, accelerate to 104 Km/h (65 MPH). Decelerate at closed throttle until 64 Km/h (40 MPH) (no brakes). Repeat this three times.	Allows learning for the misfire monitor
Readiness Check	12	Access the On-Board System Readiness (OBDDII monitor status) function on the scan tool. Determine whether all non-continuous monitors have completed. If yes, you are finished. If no, go to step 13.	Determines if any monitor has not completed
Pending code check and EVAP monitor “Bypass” check	13	With the scan tool, check for pending codes. Conduct normal repair procedures for any pending code concerns. Otherwise, rerun any incomplete monitor. NOTE: If the EVAP monitor is not complete AND IAT was out of the 4.4° to 37.8°C (40° to 100°F) temperature range in step #4, or the altitude is over 2,438m. (8,000ft.), the EVAP “bypass” procedure must be followed. Proceed to step 14	Determines if a pending code is preventing the clearing of P1000
EVAP monitor “bypass”	14	Park the vehicle for a minimum of 8 hours. Repeat steps 2 through 12. DO NOT REPEAT STEP 1.	Allows the “bypass” counter to increment to two