

## Drive Cycle for 40 thou leak test

1. Make sure the 'conditions for adaptation' detailed at the start of this section are met.
  1. Avoiding high engine loads, drive the vehicle steadily between 48 and 89 kph (30 and 55 mph) for 15 to 20 minutes after starting the engine. (Depending on the amount of fuel vapor generated, the test may take longer than this).
  2. Where possible, avoid body roll to minimise fuel movement.
  3. If the scan tool being used is able to read TIDs, check TID 08 in mode 6. If the test has not completed, this TID will display '0'. Any other value indicates that the test has successfully completed.
  4. If the test has not completed, the drive cycle must be repeated.
  5. If the scan tool being used is not able to read TIDs, the only way to confirm that the test has run is to check for P1111 after running the 20 thou test, where applicable.

## Drive Cycle for 20 thou leak test (2001 my on only)

This test needs to be completed within 50 minutes of starting the engine from cold. It should be run following the 40 thou test.

1. Continue driving the vehicle steadily between 48 and 89 kph, (30 and 55 mph) avoiding high engine loads for a further 15 minutes.
2. Avoiding excessive fuel movement, bring the vehicle to rest.
3. Allow to idle for two minutes.
4. Provided the vapor conditions are suitable, the test will complete.
5. If the scan tool being used is able to read TIDs, check TID 06 in mode 6. If the test has not completed, this TID will display '0'. Any other value indicates that the test has successfully completed.
6. If the test has not completed, the drive cycle must be repeated.
7. Check for DTCs. P1111 will be flagged if all monitors have run.
8. Leak check drive cycles will only normally be necessary if an Evaporative Emissions related DTC is flagged.
9. Unless P1111 is required for the State inspection, fuelling adaptations will normally be all that is required for the vehicle to adapt itself and complete diagnostic drive cycles in the course of it's normal use.