

## 2012 - Mazda6 - Engine

### POSITIVE CRANKCASE VENTILATION (PCV) VALVE INSPECTION [MZI 3.7 V6]

#### NOTE:

- The PCV valve cannot be reassembled once it is removed because the tabs will have been broken. Inspect the PCV valve without removing it from the vehicle.

#### Airflow Inspection

1. Disconnect the negative battery cable. (See [BATTERY REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#) .)
2. Disconnect the PCV valve hose from the PCV valve. (See [POSITIVE CRANKCASE VENTILATION \(PCV\) VALVE REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#) .)
3. Verify that there is no airflow when pressure is applied to the PCV valve using a vacuum pump.
  - If there is airflow, replace the PCV valve. (See [POSITIVE CRANKCASE VENTILATION \(PCV\) VALVE REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#) .)
4. Verify that there is airflow when vacuum is applied to the PCV valve.
  - If there is no airflow, replace the PCV valve. (See [POSITIVE CRANKCASE VENTILATION \(PCV\) VALVE REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#) .)

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