

## **Dorman 615-177 Valve Cover Repair Kit**

### **Questions and Answers**

#### **Q: Why is a Ford Windstar valve cover repair kit needed?**

Ford Windstar's original equipment valve cover was designed with an inadequate oil separator baffle. The poorly designed baffle causes excessive oil pullover. Excessive oil pullover causes component oil contamination thus causing vacuum leaks resulting in poor vehicle performance.

The oil contamination attacks two specific areas:

- 1) At the fuel pressure regulator vacuum line, when oil contaminated, causes a loose fitting creating a vacuum leak.
- 2) At gasket between upper and lower intake manifold assemblies because of loss of tension at isolator bolt assemblies due to contamination of the rubber grommets.

This illuminates Check Engine light lean diagnostic code

The new Dorman repair kit:

- 1) Replaces all oil contaminated components.
- 2) Fixes all vacuum leaks caused by oil contamination.
- 3) Includes a newly designed valve cover that prevents the problem from reoccurring.

#### **Q: What symptoms would the customer experience?**

A: The vacuum leak may cause the check engine light to illuminate, with a lean diagnosis trouble code and /or an engine misfire.

#### **Q: What is the Dorman Solution?**

A: Dorman has compiled all the necessary components into one kit to allow the installer to perform all the corrections and prevent recurring symptoms.

#### **Q: What are the contents of the kit?**

A: The kit consists of

- An updated front valve cover assembly (updated to enlarge the PCV baffle hole)
- A new PCV and fuel pressure regulator vacuum line,
- A new throttle body, upper intake, upper intake ports and idle speed gaskets,
- Eight new intake isolator bolts with updated seals.

#### **Q: Are these as good as OE?**

A: All Dorman products go through a quality control program and must pass stringent standards performed by our in house engineering and quality control departments. All materials and dimensional criteria must meet or exceed OE quality.

#### **Q: What makes the valve cover repair kit unique?**

A: The Dorman valve cover repair kit is unique in that it contains all the components in one complete kit. This kit was developed by our product research team and includes everything needed to repair the vehicle right the first time. This approach benefits not only the installer but also the counterperson, in that they both can have the confidence that they are receiving and providing the correct and complete set of parts needed for their repair