

ANSWER KEY TO CHALLENGE SHEET

VALVE COVER CHALLENGE

Customer's Concern: My engine is smoking. I see oil leaking from the valve cover. The fumes are making me sick.

Customer Vehicle: Ford Taurus.

Possible Causes of This Challenge:

1. Valve cover gasket failure due to heat and age.
2. Valve cover bolts loose due to vibration.
3. Valve cover distorted due to overtightening.
4. Plugged PCV system, causing pressure to build in engine block.

Safety First Practices to Follow:

1. Wear safety glasses at all times.
2. Have a fire extinguisher handy.
3. Follow all safety rules when using hand tools.

Tools and Equipment Required:

1. Hand tools.