

**TECHNOLOGY DATA SHEET**  
**AS FEATURED ON THE VISTEON/3M PROMOTYPE VEHICLE**

**ZERO RESTRICTION  
 HYDROCARBON TRAP**

**DESCRIPTION:**

Visteon's Zero Restriction Hydrocarbon Trap utilizes a treated foam media designed to reduce evaporative emissions and improve the overall engine performance for both LEVII and PZEV certified vehicles



**VALUE OPPORTUNITY**

- Improved cost over other Engine Induction System Hydrocarbon Traps
- Zero effect on engine intake airflow
- Improves induction system acoustic performance at higher engine orders
- Very low tooling costs. Feasible to produce at low production volume

Hardware configuration can be custom designed to meet customer function, package, and appearance requirements.

**TECHNICAL BENEFITS**

- Hydrocarbon Trap is designed to add zero restriction, allowing more available horsepower
- PZEV capable device, reliable for 15yr/150k miles
- Tamper resistant design is housed within the clean air duct
- Designed to provide excellent purge performance

**MARKET ASSESSMENT**

**Target Market:**

OEM's required to meet regulatory evaporative emissions targets or who are environmentally conscious and concerned about improving air quality by reducing air pollutants being emitted into the air.

**Initial Vehicle Segments:**

All vehicle segments

**Annual Sales Potential (Based on Segments Above)\*:**

Approximately 15-17 million units

**MegaTrend Categories:**



\*Annual sales potential based on 2007 U.S. sales (Jan-Nov) and analyst Dec projections.

**PRODUCTION AVAILABILITY – 2008 CALENDAR YEAR**

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