

... CASE STUDY

Resolving a Persistent Product Malfunction



A major automotive manufacturer needed to resolve a recurring defect on the assembly plant floor.

Challenge

An assembly plant at a major OEM was struggling with vehicles that presented an intermittent engine overheating condition at final quality test.

Solution

GP Strategies® was called upon to provide expertise to the plant team working to determine the origin of the issue. **Our vehicle systems training specialist traced the issue** – through root cause analysis and component testing – to a defect in one supplier's hydraulic cooling manifold. This defect caused the cooling fan to fail at start-up.

Resolving this issue achieved a \$1,380,000 avoidance of in-plant defective-vehicle repair, as well as a \$170,986 savings in containment costs which were charged back to the supplier.

RESULTS

\$1.5M

in annual savings

