



## Error Proofing System Implementation

### Error proofing for an Automotive OEM Improves Quality

**Client:**

Automotive Original Equipment Manufacturer

**Objectives:**

1. Improve vehicle quality tracking
2. Eliminate paper documentation of errors
3. Improve quality defect reporting and correction capability
4. Improve overall quality rating

**Project Description:**

Development of an effective Error Proofing system by the OEM needed to be installed with every new model launch program, becoming a standard system for all the client's North American Assembly Plants.

Sandalwood provided multidisciplinary Project Management, Training, Installation Coordination and post installation Standby Support to insure successful implementation. The Sandalwood team directed the installation of error proofing system components and infrastructure. Additionally they provided direction to the Launch team regarding the work element prioritization process.



On screen results and reports



Electronic Torque monitoring via DC Tools

**Results:**

- The Error Proofing system was delivered on time and within budget.
- Since system implementation the overall quality rating of our client rivals that of its' global competitors.
- Manual paper inspection traveler was eliminated.
- A Web interface allows instant feedback and on line reporting to enable quicker problem identification and resolution.
- Both Management and UAW plant staff were trained on the system.
- Sandalwood support during system launch allowed transition to plant ownership and utilization.

Similar results were obtained at other assembly plant locations.



Pick Validation Equipment to verify correct part selection

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