

## Local-global collaboration to maximize value creation and enhancing competitive edge

### Customer Case Study - Transportation

#### Customer

A worldwide leader in engine braking and valve actuation technology, their products cater to heavy, medium and light duty vehicles as well as recreational vehicles.

#### Requirements

- Integration of exhaust brake
- Design to be better than the competitors model
- Reduce the number of components in the system and cost

#### QuEST approach

- Understanding the product's function and feature
- Explore the opportunities to integrate the system
- Design of the system for ease of assembly
- Prototyping for fitment and subsequent testing of the product at client's end

#### Results

- Design superior to customer's competitors' model
- Integration of the product overcoming assembly quandary

#### Impact

- Reduction in product development time by ~25%
- Manufacturing cost down by 10%

#### About QuEST

QuEST is a leading provider of outsourced engineering services and manufacturing. We provide support across the entire product life cycle from design and modeling through analysis, prototyping, automation, data documentation, manufacturing support, vendor management, and in-house precision machining. Through our Global Product Development framework leveraging our local presence and global reach, we enable companies in the aerospace, civil structures, industrial products, oil & gas, power generation, and transportation markets to cut product development costs, shorten lead times, extend capacity, and maximize engineering resources. QuEST has delivery centers in India, USA, and Italy, and a footprint in UK, Germany, China and Japan. For more information, please visit [www.quest-global.com](http://www.quest-global.com).