QuadraSonic Array
QUADRASCAN TECHNOLOGIES

Driving QUALITY through the industry

What The Array Does…

- **Tests for areas of water and wind-noise intrusion**
- **Provides real-time remote "Quality Test Auditing"**
- **A means for comparing OEM supplier products, related to the "S*ealed Effectiveness*" of the vehicle**
- **Creates an archived "UltraSound Fingerprint" for use in analysis of quality standards and future warranty claims**

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Economic Logic

"A Better Test for LESS MONEY"

Water Booth

QuadraSonic Array

Cost Savings

Construction Cost (avg.)	$ 2,500,000
Annual Maintenance	$ 700,000
Employee Staffing (8 e.f.t.)	$ 560,000
Plant Floor Space (50 feet)	$ 180,000
Total Cost YEAR 1	**$ 3,940,000**
Total Cost YEAR 2	**$ 1,440,000**

Equipment Purchase	$ 545,000
Annual Maintenance	$ 15,000
Employee Staffing (1 e.f.t.)	$ 70,000
Plant Floor Space (8 feet)	$ 28,800
Total Cost YEAR 1	**$ 658,800**
Total Cost YEAR 2	**$ 113,800**

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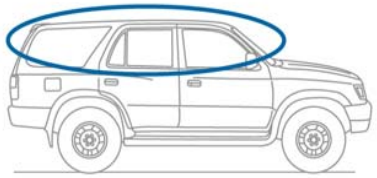
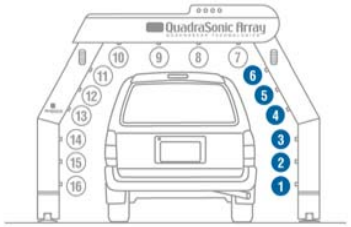
Other Features and Benefits

- **Non-destructive test**
- **Quantifiable Data**
- **Ultrasound Fingerprint™**
- **Network friendly system**
- **Minimal use of plant space**

Example-Vendor Product Comparison

New seal shows a 22 .5% improvement over the current seal at the Moraine Assembly Plant

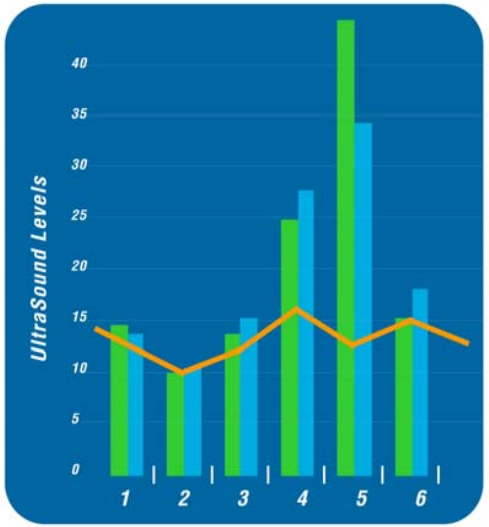




Array Sensors 1-6

RFD, RRD, and

Right side liftgate



= Current Seal

= New Seal

= Sealed

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The QuadraSonic Array is tested and proven

Nissan Smyrna, TN

GM Hamtramck, MI

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