# FyrEye-3260 Manifold & Crossover Inspection Systems

***Automatically inspects gasoline and diesel engine manifolds and crossovers to ensure parts are held to quality standards specified by the manufacturer.***

FyrEye-3260 systems automatically inspect manifolds and crossovers for:

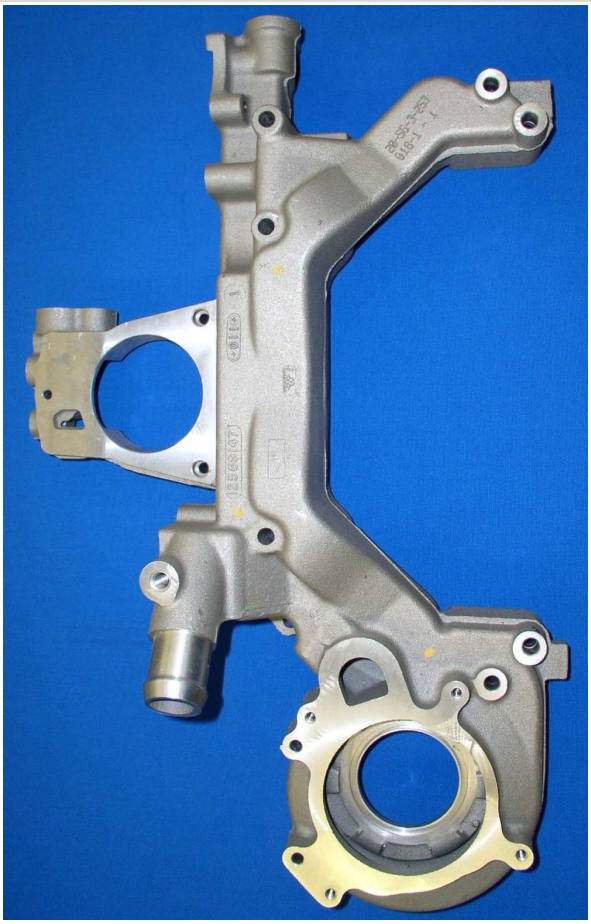
- Machined surface analysis
- Cast surface analysis
- Dimensional attributes
- Voids and pockets
- Cracks and tears
- Flash or other excessive material
- Completeness of part
- Edge irregularities
- Chips and gouges

Typical engine manifold and crossover applications that FSI has used the FyrEye-3260 family for include:

- Intake manifolds
- Exhaust manifolds
- Intake crossovers
- Plastic components
- Steel components
- Aluminum components

The FyrEye-3260 is a family of systems, customized to your application and requirements. Your particular model will be from the same family, but will have different variations in equipment and capabilities. The FyrEye-3260-02 is an example, it includes:

- High resolution imaging, plus sub-pixeling and model geometry tools reduce error contributions induced by even high resolution imaging.
- Inspection of 2 surfaces for chips, gouges, cuts, holes and other geometric defects and deformities.
- Engineered lighting specialized for high accuracy gauging performance.
- Neural Net surface inspection and defect classification.
- Comprehensive handling of the relevant engineering and physics topics reduces errors.
- Fulfills application and performance specification # VAS-3260-02 (copy available). Each application will have its own VAS (Vision Application Spec Sheet).



- Conditional storage of 150,000 images of rejected defects

Please contact FSI for a system and solution that is confirmed for your application.

FSI has been a trusted factory automation manufacturer for over 50 years. Our Assured Path to Success ™ methods and programs have a 100% success rate in this field of machine vision. Because our engineers are deeply involved in understanding the application, recommending the products, and supporting the software, these systems are uniquely suited for long term supportability and standardization.

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