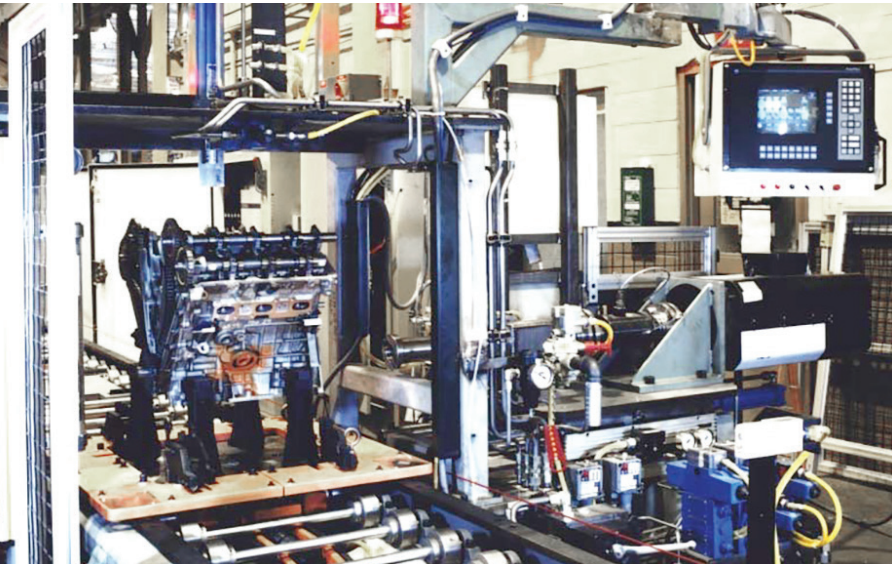


ROBOTICS

ABB Test Technology Engines



01 LBlockTorque to Turn

Torque To Turn, Long Block Product

- 6 Cylinder, 24 Valve Engine
- Cycle Time 20 Seconds
- Industrialized PC measurement & AB PLC

Capabilities:

- Fully Automatic Test Cycle
- Torque Signature Analysis
- Crankshaft To Cam Timing, Vision
- Engine Positioning

Defect Detection

- Intake Leaks & Exhaust Valve leaks
- Loose Spark Plugs
- Intake Manifold Joint Face Leaks
- Bent Valves
- Peak & Running Torque
- Missing Or Damaged Parts

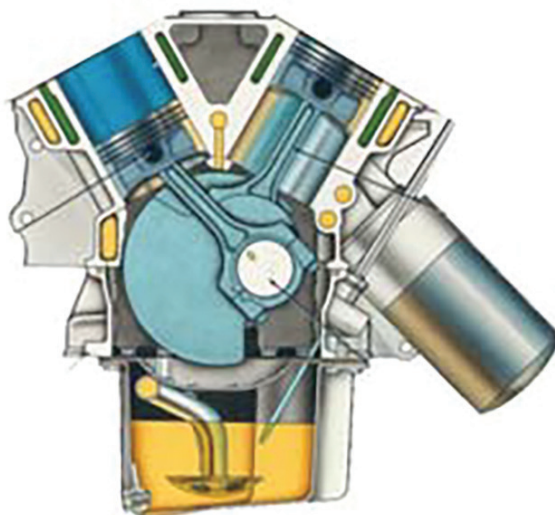


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