

SESSION

Ultrasonic Diagnostic Strategies: Enhance your Senses for Faster, Safer Diagnostic Direction

DESCRIPTION

Ultrasonic tools take sound analysis well beyond the capabilities of a stethoscope or microphone. Accepted for years in industrial applications, ultrasonic tools allow us to hear noises outside the range of normal human hearing. Because of this, the ability to analyze and pinpoint noise sources is greatly enhanced. This class will explore some of the capabilities for this technology in the automotive repair shops and collision centers to provide direction in diagnosis and confirmation of repair. Topics include:

- Mechanical testing of bearings, motors and more
- Quick tests for electrically operated output components
- Ignition system direction
- Pressure and vacuum leaks
- Air leaks and wind noises
- Ultrasonic proximity sensors



<Educator: Jim Cokonis

Educator: Rich Falco, Jr.>

