

Welcome



Presents:

**"P0420/P0430 A Murder Mystery
On Who Killed The Cat"**

Instructor: Josh Weaver

What Will Be Covered:

- **A vehicle sets a P0420 or P0430 diagnostic trouble code (DTC), catalytic converter is often quickly diagnosed for these codes. However, a failed "cat" is frequently the victim of an underlying engine malfunction rather than the root cause itself.**
- **This advanced automotive diagnostics course transforms technical training into an investigative crime scene.**
- **Technicians will learn to interrogate the data to identify the true "suspects" (harmful exhaust gases, rich/lean conditions) and protect the replacement converter from premature failure.**
- **Course Overview Foundations:**
- **The class explores catalyst chemistry, common failure modes such as sintering and mechanical restriction, and the importance of light-off strategies in today's internal combustion engines.**
- **Students will analyze switch ratios, Mode 6 data, integrated air/fuel methods, DFSO behavior, and "the gap" technique to determine catalyst oxygen-storage capacity.**

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TST Next Few Months



Webinars:

- October 21st Brandon Steckler
- November 25th Gary Smith
- December 2nd Scott Brown
- Other dates and instructors
- January 6th 2027 -
- February 11th Peter Orlando - March 18th - TBA –
- April 10th TST Big Event Saturday - Instructors Robert Kenny - Bill Weaver - Adam Robertson
- - May 13th - TBA - June 10th - Craig Shippy
- Keith Perkins - Isaac Rodel - Dan Aldrich - Dave Hobbs - Tom Morgan

Thank You !

