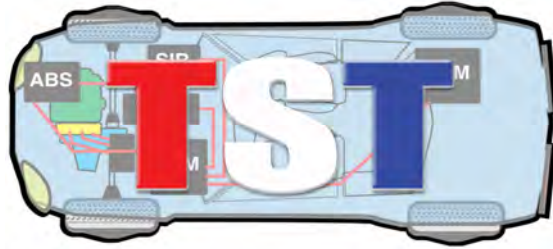


MOTOR AGE
TRAINING



Conquering Misfires

Presented by Motor Age and TST

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What To Expect From This Webinar

- **A 60 to 90+ Minute Webinar**
- Your handout can be downloaded from <https://www.tstseminars.org/motorage-tst-conquering-misfires-handout-04-24>
- **Have Something To Write With**
- All Slides Are Numbered
- **For Best Results Hard Wire Your Tablet, Laptop, Computer or TV**
- The Recording Will Be Available at [Motor Age Training Account](#) & [TSTseminars.org](#)

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What Will Be Covered

- **The First Important Steps To Take**
- The Five Causes Of Engine Misfire
- **The Tools You Need To Diagnosis**
- Live On Vehicle Demonstrations



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First Things First

- **Verify The Problem**
- **Perform A Visual Look - See**
- **The Best Tools You Have Are You Brain - Eyes - Ears - Nose & Hands**
- **Time to Use What God Gave Us - Check For TSBs - RTFI**
- **Check For DTCs - Use Generic OBD II - Pending - Freeze Frame - Mode 6 - Mode 10/0A**
- **Perform All - System Scan Of The Vehicle**

TSBs

HONDA Service Bulletin 18-147
 February 18, 2018
2017-18 CR-V Software Update with A/C Control Unit Replacement: DTC P0300, P0391, P0392, P0393, P0304, or P0172
 This bulletin has been extensively tested. Additional Honda recommendations that may need to be made exist within this bulletin.

TECHNICAL
MIL ON WITH VARIOUS MSFIRE RELATED DTCS P0300-P0308 AND P0316-1.8L/1.6L/1.8L VULCAN ENGINE
 TSB 05-26-3
 FORD: 2004-2008 Ranger

ALLODATA
 2014 BSW 2.0L (Gen 2) MSFIRE (TSB) (TSB) (TSB)
 ACTRON ACCUMULATED MSFIRE COUNTER

Autel's Ability To Program Or Remote Expert Programming

- **A Few Different Ways You Can**
- **Autel Scan Tool Provides J2534 Compatible VCI Allows For Programming**
- **Autel Has Remote Expert Programming Available**
- **Mobile Techs In Yor Area**

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Autel Remote Expert Programming

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For more information, watch this Autel Remote Programming please video

<https://youtu.be/xcZKcsDHce8>

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What Causes A Misfire

- Air



- Compression



- Spark



- Fuel



- EGR



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What Causes A Misfire



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Tests To Perform

- **Battery - Starter - Alternator**
- **Relative Compression**
- **VE Testing**
- **Ignition**
- **Fuel**

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On To The Vehicle

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**Understanding and Measuring Current - The Magic to Electrical Diagnostics
Part 2**

Webinar

May 16, 2024, 6:50 PM - 10:30 PM EDT

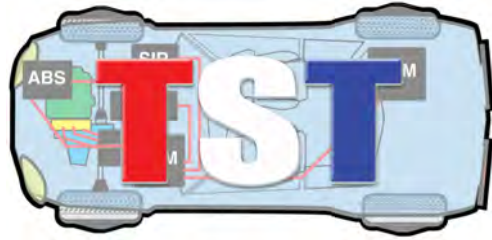
Understanding and Measuring Current - The Magic to Electrical Diagnostics Part 2

In electrical system diagnostics there are several parts, pieces and laws that dictate how the electrons will function. The measurement of current can tell an incredible story about the integrity and operation of circuits and components. If done correctly, it is usually a simple non-intrusive “quick test”. In my classes I commonly state “if you want to win the electrical diagnostic game, it is all about properly measuring and understanding current flow”. With the use of “current probes” and lab scopes we can use current flow measurements to increase our diagnostic efficiency and accuracy. Part1 Available on www.tstseminars.org

Instructor: Adam Robertson

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THANK YOU

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