

TRENDING NOW Monthly Content





















JANUARY FEBRUARY MARCH

# UNDERCAR TECH

- > Chassis: Why Do Ball Joints Fail?
- > Measuring Ride Height Guide
- > Understanding Electronic Parking Brakes
- > Rack-and-Pinion Steering
- > DPF Replacement and Pressure Sensor Diagnostics
- Steering Knuckles

## **UNDERHOOD TECH**

- > Head Gasket Tech
- Camshaft Design
- > Valve Job Tips
- > Balancing
- > Duramax Engine Build
- > Oxygen Sensor and Air/Fuel Ratio Sensors
- > Misfires and Mechanical Problems

#### COLLISION/BODY/PAINT TECH

- > Deer Season: Selling Paint & Body Supplies
- > Calibration Troubleshooting

## **CAREER/INDUSTRY UPDATES**

- > Collision Repair Consolidation Update
- > LED Headlight Diagnostics
- > Tools for Underhood Repairs
- > Selling Underhood Parts for Hybrids
- Data Standards: Understanding ACES and PIES and what's to come

# UNDERCAR TECH

- > Brake Calipers: Rebuild or Replace?
- **>** BMW: Manual Transmission Clutch Replacement
- > Aligning the BMW 4-Series
- > Brake Boosters: Vacuum Pumps
- > Active vs. Passive Wheel-Speed Sensors
- > TPMS: BMW/Mercedes/VW

#### UNDERHOOD TECH

- > EFI/Tuning
- > GM Telematic System Errors
- > EV: Replacing Traction Motors and Inverters
- > Cylinder Head Tech
- > Decking / Surfacing
- > Overheating: Possible Causes
- > Push Button No Start Diagnostics

#### COLLISION/BODY/PAINT TECH

- > Tackling the Tech Shortage
- > Al's Impact on Collision

## **CAREER/INDUSTRY UPDATES**

- Where Parts Come From AASA Top Supplier Profiles
- > Dashboard Warning Lights
- > BMW Infotainment System Navigation
- > Seasonal Service and Sales Opportunities

#### UNDERCAR TECH

- > Intermediate CV Shaft Inspection
- > Brakes: What the Edge Code Doesn't Tell You
- > Drum Brake Service Guide
- Mufflers and Catalytic Converters
- **>** Drive Shaft Center Bearing Replacement Options
- > Correcting Memory Steer Problems

## **UNDERHOOD TECH**

- > Timing
- > Valve Makeup
- > HVAV: Audi Cabin Comfort Sensors
- > Aftermarket Upgrades to Boost Horsepower
- > Recharging the A/C
- > Superchargers
- > Clearing BMW Adaptation Data

#### COLLISION/BODY/PAINT TECH

- > Diagnostics: in-House, Sublet or Mobile?
- > Windshield Repair/Replacement

## **CAREER/INDUSTRY UPDATES**

- > National Car Care Month
- > Deep Dive: Honda
- > TPMS: Staying Ahead of the Game: The Truth About Sensors and RF Signals
- > Using a Multimeter
- > Rock'em Sock'em: The Pneumatic or Cordless Battle Continues







<sup>→</sup> FOR ADVERTISING INFORMATION AND RESOURCES, VISIT THE TOMORROW'S TECH BRAND PAGE AT Babcox.com/brand/tomorrows-technician/

UNDERCAR TECH

Alignment Angles?

**UNDERHOOD TECH** 

> Fuel Additives

> Nitrous

Car Detailing

> Refinish & ADAS

Misfires Underload

COLLISION/BODY/PAINT TECH

**CAREER/INDUSTRY UPDATES** 

> Deep Dive: Chevrolet

> Wheel Alignment Tips and Tricks

> Continuously Variable Transmission

> Hydraulic Suspension Bushings

> GM: Water Pump Replacement

> Timing Chain Stretch Measurement

> Chrysler Power Distribution Modules

> Servicing Vintage European Vehicles

> EV: Charging System Diagnostics

> Mobility Trends: Electrified, Connected, Autonomous

> Relaying Controlled and Power Circuits

> Chassis: Electric Power Steering Codes and Cures

> ADAS: Automatic Emergency Braking Systems

> Chassis: How Can New Chassis Parts Change



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APRIL MAY JUNE

#### UNDERCAR TECH

- > Powertrain, Drivetrain, Driveline: What's the Diff?
- > Selling Tie Rods and Other Steering Components
- > Finding Suspension Noise and Knocks
- > Brake Pad Replacement For Class 3 Trucks
- > ADAS: System Deactivation Diagnostics
- > Electric Power Steering For Imports

## **UNDERHOOD TECH**

- > BMW N-Series Head Gasket Replacement
- > Basic Types of Crankshafts
- > GM: EGR Valve Diagnostics
- > Direct Fuel Injection High Pressure Pump Diagnostics
- > Diesel Particulate Filter Regeneration
- Crankshaft Selection
- > Oil System Selection

# **COLLISION/BODY/PAINT TECH**

- > Welder Maintenance
- > Vehicle materials

## **CAREER/INDUSTRY UPDATES**

- > Selling Seasonal Services
- > Wiper Linkages and Motors
- > EV: Replacing Traction Motors and Inverters
- > Where Do We Stand With Right to Repair?
- > Labor Rate Survey

## **UNDERCAR TECH**

- > Brake Master Cylinders
- > The Evolution of Transmissions
- > BMW Common Chassis and Brake Problems
- > Mercedes: A, B and C Maintenance Services
- > Jaguar AWD System Maintenance
- ADAS: Mercedes Safety Systems

## **UNDERHOOD TECH**

- > Head/Valve Angles
- Diesel Additives
- HID Headlight Diagnostics and Replacement Options
- > Euro Engine Tune-Ups
- ACEA Oil Specifications For European Vehicles
- > Package Maintenance Services
- > Stop/Start Alternators

## COLLISION/BODY/PAINT TECH

- Consolidation Update
- > Pre & Post-Scanning

#### **CAREER/INDUSTRY UPDATES**

- > An Inside Look at the Heart and Sole of a Workboot
- Supply Chain Update: Opportunities and Challenges Ahead
- > EV: Tesla Suspension Inspection
- > Comfy Footwear and Other Industry Pro Hacks

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→ DIGITAL ADVERTISING SPECIFICATIONS

→ CLOSING DATE
→ MATERIALS DUE DATE





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JULY AUGUST SEPTEMBER

# > Intermediate CV Shaft Inspection

- > Flange Mounted Wheel Hub Replacement
- > Drive Shaft Basics

UNDERCAR TECH

- > Exhaust System Fabrication
- > VW: Electronic Brake Distribution and Rear Pad Wear
- Volkswagen CVT Transmissions

# UNDERHOOD TECH

- > VW 2.0 TSFI Water Pump Replacement
- > Injector Testing and Diagnostics
- > Push Button Start and Security Diagnostics
- Audi/VW MEB BEVs
- > Packaging Maintenance Services
- > Ignition: Misfires Underload
- > Oil and Air Filter Monitors

## **COLLISION/BODY/PAINT TECH**

- > Frames and Benches
- > Becoming The Ideal ADAS Technician

## **CAREER/INDUSTRY UPDATES**

- > Women in Engine Building and Motorsports
- > Road Racing European Sedans
- > Brake Fluid Replacement For Hybrid and EV European Vehicles
- > EV: EV Battery Charging: What Shops Need to Know
- > EV Update: Getting Started with Tools and Safety

#### **UNDERCAR TECH**

- MINI Cooper Suspension Alignment
- > Bleeding Clutch Hydraulic Components
- > Air Ride: Dodge Full-Sized Pick Up
- > Finding Bent and Worn Control Arms
- > VW DSG Transmission Diagnostics
- > Mercedes: Transmission Noises and Missed Shifts

## **UNDERHOOD TECH**

- > The Evolution of Thermostats
- > Engine R&R: Sourcing Short and Long Blocks
- > Cam and Crank Sensors
- AGM Batteries
- > CVT Transmission Valve Bodies
- > Stop/Start Starters and Batteries

## **COLLISION/BODY/PAINT TECH**

- > Destructive Weld Tests
- > Glue Pull Repair

#### **CAREER/INDUSTRY UPDATES**

- > AUDI E-Tron EV Maintenance
- > EV: Brake Pad Replacement Options
- Scope/Circuit Diagnostics for Undercar Techs: Wheel Speed Sensors
- > Exotic Car Service and Maintenance

#### UNDERCAR TECH

- > BMW ADAS: Steering Angle Sensors
- > Differentials: Limited-Slip Differential Diagnostics
- > VW TDI Service and Maintenance
- > Wheel Bearing Pre-Load and Geometry
- > Audi/VW Oil Cooler Diagnostics
- Tie Rod Geometry and Adjustments

# **UNDERHOOD TECH**

- > Dual Scroll and Variable Geometry Turbochargers
- > DTCs Caused by Air Filters
- > Chrysler Power Distribution Modules
- > CVT Transmission Valve Bodies
- > BMW: Belt System Restoration
- > Timing

## COLLISION/BODY/PAINT TECH

- > Measuring Technology
- > Finish Chemicals
- Social Media Marketing
- > EV Repair

#### **CAREER/INDUSTRY UPDATES**

- > What To Do When Scan Tools Won't
- > EV Repair
- > Selling Parts for Classic Cars
- > BMW LED Lighting

→ DIGITAL ADVERTISING SPECIFICATIONS



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OCTOBER NOVEMBER DECEMBER

# > Brake Calipers: Rebuild or Replace?

- Porsche IMS Bearing Replacement
- > ADAS Update

UNDERCAR TECH

- > Land Rover Air Ride Service Option
- The Other Guys: Drain-Plug Gaskets and Other Lesser-Known Gaskets
- > VW/Audi CVT Transmissions

## **UNDERHOOD TECH**

- > GM: EGR Valve Diagnostics
- > Stop/Start Alternators
- > Can Import Telematics Help Sell Maintenance?
- > Engine R&R: Sourcing Short and Long Blocks
- > Push Button No Start Diagnostics
- > Dual Scroll and Variable Geometry Turbochargers

## **COLLISION/BODY/PAINT TECH**

- > Static & Dynamic Tests
- > Reflashing & Reprogramming

## **CAREER/INDUSTRY UPDATES**

- > EV: Reading EV and PHEV Wiring Diagrams
- > EV: Cooling System Service
- > Regenerative Braking On Hybrid and Electric Vehicles
- > EV: Mercedes ESQ FAQ

#### **UNDERCAR TECH**

- > Monotube vs. Twin-Tube Shocks
- > Why Mounts Fail
- Calibrating ADAS Sensors
- > EV: CV Joint and Axle Service
- > BMW: M-Series Brake Service

## **UNDERHOOD TECH**

- > HVAC Defrost Diagnostics
- > Balancing
- > GM Telematic System Errors
- > Fuel System Overview
- > Deep Dive: Chevrolet
- > Misfires and Mechanical Problems

#### COLLISION/BODY/PAINT TECH

- > Paint Prep
- > Body Sensors and Modules
- > Body Filler 101

#### **CAREER/INDUSTRY UPDATES**

- > Creating Custom Paint Colors
- > AUDI Key Programming
- Scope/Circuit Diagnostics for Undercar Techs: Brake Wear Sensors
- M&A: What Investment Activity Can Foretell About Our Industry's Future
- > Regenerative Braking On Hybrid and Electric Vehicles
- > EV: Toyota Regenerative Braking

#### UNDERCAR TECH

- > Wheel Alignment Tips and Tricks
- > Correcting Memory Steer Problems
- > VW: Electronic Brake Distribution and Rear Pad Wear
- > Chassis: Electric Power Steering Codes and Cures
- > Brakes: The difference Between Pulsation and Judder

#### **UNDERHOOD TECH**

- > Turbocharger Blow Off Valves
- > Reflashing and Reprogramming For Profit
- > Injector Testing and Diagnostics
- > EV: Reading EV and PHEV Wiring Diagrams
- > Clearing BMW Adaptation Data
- > CVT Transmission Valve Bodies

## **COLLISION/BODY/PAINT TECH**

- > How to Change a Headlight Bulb
- > Car Customization & Restoration
- > Do Vehicles Need to be Winterized?

#### **CAREER/INDUSTRY UPDATES**

- Mobility Trends: Electrified, Connected, Autonomous
- > 36-Volt Audi Hybrids
- > EV: Audi/VW MEB BEVs
- > Brand Buying Survey
- The Cell Phone Connection: Diagnostics, Your Android or Apple





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