

REMY TECHNICAL SERVICE BULLETIN

Remy Power Products Training and Technical Support

Charging system complexity continues to rise as manufacturers look for ways to improve vehicle efficiencies and manage electrical/electronic systems. No one understands the vast array of systems in the marketplace better than Remy's training and technical support team. With 121 years of OEM and Aftermarket product design and technical experience Remy Power Products has the professional technician covered.

- ASE Certified technicians and trainers
- Alternator and starter OE and remanufacturing experience
- OE and aftermarket vehicle installation and troubleshooting
- Latest model wiring schematic and technical information
- OE service publications and technical service bulletins
- ECAT parts lookup with photos

Sign up to receive Remy Technical Service Bulletins at remyautoparts.com

Technical Service Bulletins Available for Free Download

All of Remy Power Products Technical Service Bulletins are available for free download. You can also sign up to receive the latest TSBs via email. Go to www.remyautoparts.com.

Available Technical Service Bulletins

1: HONDA/ACURA DUAL MODE CHARGING SYSTEM - Operation, Diagnostic and Troubleshooting Procedures: Honda/Acura Model Years 1990-2012

Covers the operation, diagnostic and troubleshooting procedures for Honda/Acura applications.

2: Diagnostic and troubleshooting procedures for vehicles without computer-controlled charging systems - FORD APPLICATION

Covers diagnostic procedures that can be used for troubleshooting non-computer controlled charging systems.

3: Diagnostic and troubleshooting procedures for vehicles without computer-controlled charging systems - GM APPLICATION

Covers diagnostic procedures that can be used for troubleshooting non-PCM-controlled electrical systems.

4: Ford Application: Alternator GenCom and GenMon Signals

By understanding the alternator command and feedback signals, referred to as GenCom and GenMon, you'll be better able to diagnosis charging system issues.

5: Chrysler Application: Diagnostics for Alternator with Computer Controlled Charging System

Addresses diagnosis from an under the hood testing perspective to help supplement the results of scan tool diagnosis.

6: Remy Starter Upgrade GM 10MT (SD300) to PG (PG260)

Remy PG starter is designed, engineered and manufactured as original equipment (OE). It is the perfect upgrade to older GM 10MT starter motors.

7: Voltage Drop: Solving the Root Causes of Charging System Failures

Covers how to test for charging system voltage drop.

8: Remy Upgrade Helps Solve 6.0L Ford Low Voltage Concerns

Ford 6.0L diesel trucks often experience low voltage for several minutes after start-up. An alternator upgrade can help solve the problem.

9: Remy Exclusive Honda and Acura Starter Upgrades

Remy PG replacement starter has an external solenoid. This more reliable starter is designed to install and operate to OEM standards with no modification necessary.

10: Remy GM Regulated Voltage Control (RVC) Computer-Controlled Charging

Focuses on Regulated Voltage Control (RVC) charging Diagnostic Trouble Codes (DTC) P0621 and P0622.

11: Remy Exclusive OEM and Aftermarket Pulley Validation

Remy is the only Litens authorized remanufacturer equipped with a Litens End-of-the-Line tester that validates products to meet OE specifications.

Remy Training Clinics

Remy puts our customers first, by offering several OEM based training clinics not readily available to the aftermarket professional installers.

Contact Remy directly or your sales representative for availability and scheduling.

1. GM RVC (Regulated Voltage Control) GM's platform of computer controlled charging

- Systems components, circuits and operation
- PCM's role in the command of the voltage set point
- Nine modes of operation and their benefits
- Reference voltage and variable duty cycle signaling
- PID/data trouble code descriptions and diagnostics

2. Ford Smart Charge (Computer Controlled System)

- Systems components, circuits and operation
- PCM's role in the command of the voltage set point
- GENCOM (Generator Command) and GENMON (Generator Monitor)
- "A" vs. "B" circuit diagnostics
- Reference voltage and variable duty cycle signaling
- PID/data trouble code descriptions and diagnostics

3. Hyundai AMS

- Systems components, circuits and operation
- PCM's role in the command of the voltage set point
- Three modes of operation

4. Honda Charging Systems

- Systems components, circuits and operation
- PCM's role in the command of the voltage set point
- LIN (Local Interconnected Network) communications

5. Critical Steps (Basic Electrical Theory)

- Basic electrical principles and their meaning
- Multimeter function and proper usage
- Alternator components, operation and pre-computer controlled diagnostics
- Introduction into computer controlled charging
- Starter components, operation and diagnostics
- Basics on both voltage drop and pinpoint testing



- Standard and inverted variable duty cycle signals
- Reference voltage and variable duty cycle signaling
- PID/data trouble code descriptions and diagnostics
- Reference voltage and variable duty cycle signaling
- PID/data trouble code descriptions and diagnostics

Remy Power Products is continuously adding technical training and technical information to the Remy portfolio of technical service bulletins. We welcome suggestions. If there is something technical you would like to see us add, have comments or need technical assistance, please contact us:

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