



Need to Flash? **i flash.**

Flash Reprogramming has become a common and profitable procedure in the repair and service of today's vehicles. As part of the 21st Century Tune-up, reprogramming is often the only solution for problems ranging from driveability and loss of power to poor fuel economy and emissions related issues.

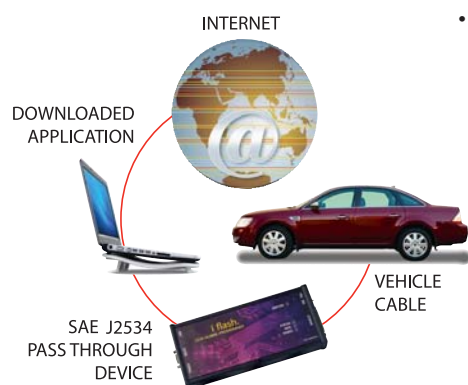
Get iFlash! iFlash is the Complete ECU Flash Programming Solution

The versatile iFlash 2534 Global Programmer communicates with a PC, via the industry-exclusive iFlash user interface software. With "global programming capabilities", the iFlash 2534 provides dealer-level programming utilities for any J2534 compliant vehicle on the road today—GM, Ford, Chrysler and the imports! BWD offers three ways to meet your flashing needs.

1. Reprogram ECUs in the shop. The iFlash 2534 Global Programmer is the most popular and effective J2534 tool in the market.
2. Order ECUs pre-programmed at BWD through our Critical Core Program.
3. Send us your original ECU and we will rebuild and reprogram as part of our Return and Rebuild Program.

Here's what makes iFlash stand out from the pack...

- BWD's unique iFlash software, provides FAQs, OEM subscription information and expertly guides users through the flashing process
- Programs all J2534 compliant vehicles right out of the box
- **iFlash** is validated by every key Original Equipment Manufacturer
- Scan-tool capabilities—reads and clears diagnostic trouble codes, identifies VIN and current calibrations
- Fastest programmer on market—slow data transfer can damage ECUs
- Hardware is designed to be field programmable and upgradeable to meet future OEM requirements
- No-charge software and firmware updates
- Accurate testing and repair the first time improves reliability, fuel economy and customer satisfaction
- Corrects trouble codes that set incorrectly including transmission shift points, timing issues and more...
- Every **iFlash** unit is backed by BWD's exclusive free lifetime technical support



BWD

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INNOVATIVE ELECTRONICS SOLUTIONS



BWD

The Leader in Remanufactured Electronics

The Time Has Come To Get Onboard!



Full Line Coverage!

Engine Management Modules

- Engine Control Modules
- Powertrain Control Modules
- OBD/OBDII Modules
- Transmission Control Modules
- Diesel Control Modules
- Injection Drive Modules
- GM PROM Chips

Interior/Cabin Control Modules

- Climate Control Modules
- Air Bag/Power Supply Modules
- Electronic Instrument Clusters
- Fuel Data Centers
- Trip Modules

Body Control Modules

- Body Control Modules
- ABS Modules
- Ride Control Modules
- Traction Control Modules

Air Flow Modules

- Mass Air Flow Sensors
- Air Flow Meter

BWD

A Pioneer in Remanufacturing Electronics

BWD is the recognized leader delivering automotive electronics solutions to the aftermarket technician. One of the first automotive electronics remanufacturers in North America, BWD has grown from a single location into an international manufacturer/distributor. As specialists in the automotive electronics industry, we've built a foundation that ensures our customers will always receive top quality product along with the best support in the business. It's easy to see why today's automotive technicians choose BWD for all their electronics needs.

Research and Development plus Technical Support

More than twenty percent of our worldwide staff is directly involved in our research and development effort. Why this extensive commitment to R&D? At BWD we believe it takes this kind of dedication to ensure the highest remanufacturing quality, the most current aftermarket coverage and the most innovative electronics solutions. Our professional and knowledgeable customer support team is trained extensively in automotive ECUs, electronic systems diagnostics and flash programming. From re-learn procedures to an ECU that won't flash, BWD is here to help you.

Remanufactured Product Line



Attention to detail is evident in every step of our remanufacturing process.

Inspection, Disassembly and Cleaning Processes

All ECUs are sorted and inspected—damaged units are immediately discarded. Those that make the grade are disassembled, removed from their cases and moved to an ultrasonic bath that thoroughly cleans the unit without harming any circuitry or components.

Advanced Test Equipment and Repair Practices

All critical circuits with common component failures are replaced—100%. We use upgraded replacement components that actually improve original circuit reliability and performance. Every surface mount technology (SMT) board undergoes a complete solder reflow process to ensure reliable performance—we never “spot” reflow like some competitors. Extensive computerized functional testing simulates a complete drive cycle stressing electrical circuits as they would be under true operating conditions. Circuit reaction to temperature, vibration and diagnostic communication is analyzed. Finally, ECU cases are polished to original OEM specifications. While competitors may simply spray on a coat of paint, which can hold heat and impede the flow of electricity, BWD cases undergo a true refinishing process that restores them to a like new finish.

BWD Coverage Advantage

Our substantial remanufactured electronics inventory includes over 750,000 cores and an OEM SKU count topping 11,000 units. We offer the most complete vehicle coverage in the business. BWD has the electronic part you need when you need it!

BWD Electronics Quality Pledge

BWD is compliant with both ISO9001 and TS16949 and is dedicated to providing the highest level of quality product in the industry. This commitment has led us to reverse engineer original OEM technology, upgrade components and reengineer new processes. Our goal remains steadfast—to deliver automotive products that are more durable and reliable than the original they replace.

The BWD Advantage

- 100% computerized testing for all modules and sensors
- 100% SMT board reflow to ensure reliable performance
- 100% common component failure circuit replacement
- Surge protected quad drivers installed
- Upgraded components to improve circuit reliability and performance

