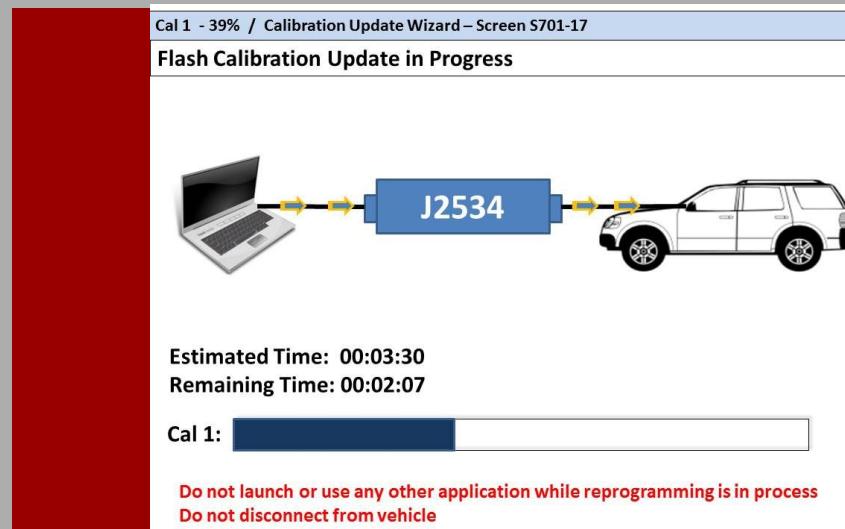
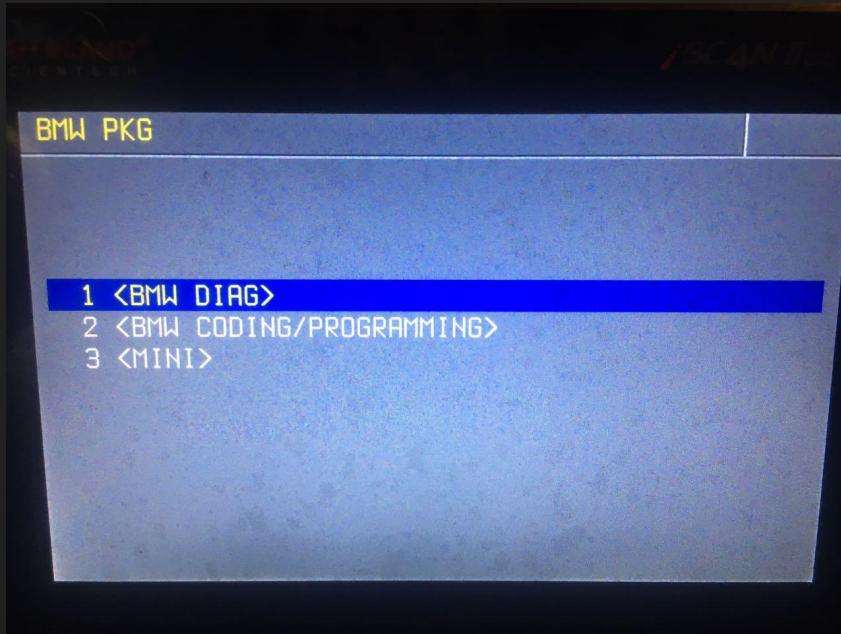


PROGRAMACIÓN Y REPROGRAMACIÓN BAJO LA NORMA J2534



DIFERENCIAS ENTRE PROGRAMACIÓN REPROGRAMACIÓN Y CODIFICACIÓN



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¿ CUÁNDΟ SE DEBE PROGRAMAR,
REPROGRAMAR Y CODIFICAR UN
MÓDULO DE CONTROL ELECTRÓNICO?

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TSB TECHNICAL SERVICE BULLETIN

	VOLUME 3	GROUP General Information	MODEL All		
		NUMBER 002 (Revision 4)	DATE December 2003		
Technical Service Bulletin					
SUBJECT Key Duplication Information					
<p>This bulletin provides key cutting information for all Kia vehicles using Curtis Industries or HPC Inc., key cutting equipment.</p> <p>Additional information about key cutting is available from the following resources.</p> <table><tbody><tr><td>HPC Inc. 3999 North 25th Avenue Schiller Park, Illinois 60716 (800) 323-3295 http://www.hpcworld.com</td><td>Barnes Distribution (Curtis Industries) The Galleria and Tower at Erieview 1301 East 9th Street, Suite #700 Cleveland, Ohio 44114-1824 (800) 555-2878 http://www.curtisindustries.com http://www.barnesgroupinc.com</td></tr></tbody></table>				HPC Inc. 3999 North 25th Avenue Schiller Park, Illinois 60716 (800) 323-3295 http://www.hpcworld.com	Barnes Distribution (Curtis Industries) The Galleria and Tower at Erieview 1301 East 9th Street, Suite #700 Cleveland, Ohio 44114-1824 (800) 555-2878 http://www.curtisindustries.com http://www.barnesgroupinc.com
HPC Inc. 3999 North 25th Avenue Schiller Park, Illinois 60716 (800) 323-3295 http://www.hpcworld.com	Barnes Distribution (Curtis Industries) The Galleria and Tower at Erieview 1301 East 9th Street, Suite #700 Cleveland, Ohio 44114-1824 (800) 555-2878 http://www.curtisindustries.com http://www.barnesgroupinc.com				
WARNING Handle all key information with care. Verify that you are providing information and keys to the vehicle owner.					
STEPS FOR USING THIS BULLETIN: IF KEY CODE IS UNKNOWN: 1. Obtain vehicle identification number (VIN).					



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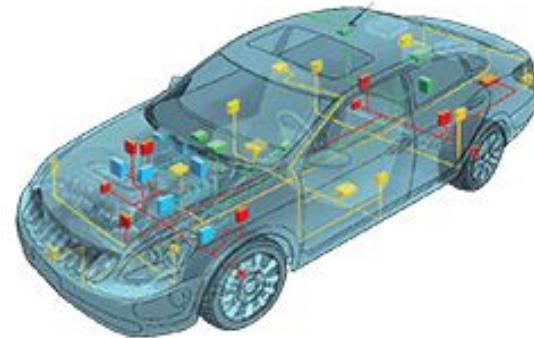


¿COMO SE PUEDE PROGRAMAR,
REPROGRAMAR Y CODIFICAR UN
MÓDULO DE CONTROL ELECTRÓNICO?

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OEM Application — SAE J2534 Device ————— Vehicle



J2534

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HISTORIA DE LA NORMA J2534

.DESDE EL AÑO 2000 EPA COMIENZA
A INVESTIGAR

.EN EL 2004 SE HACE MANDATO PARA
TODOS LOS VEHÍCULOS QUE INGRESAN
A ESTADOS UNIDOS



INTERFASE PASS TRUE



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Product Specifications

Bus Protocols:

- CAN Bus (capable of ISO 15765, GMLAN, J1939, and ISO14229)
- 2nd CAN (Dual or Single Wire)
- Ford SCP (J1850PWM)
- GM Class2 (J1850VPW)
- KWP2000 (ISO9141/14230)
- Chrysler SCI (J2610)
- And more!

J2534 OEM Diagnostics:

- GM - Tech2Win (PC-based Tech2 software)
- GM - Global Diagnostic System (GDS2)
- VW/Audi (VAG) - Offboard Diagnostic Information System (ODIS)
- Toyota - TechStream
- BMW - ISTA
- Jaguar/LandRover - IDS
- Volvo - VIDA
- Honda - Honda Diagnostic System (i-HDS)

SITIO WEB PARA ENCONTRAR LAS PÁGINAS DE LOS FABRICANTES

Sign-up FREE: Join NASTF

OEM Service Websites

OEM Reprogramming Info

OEM Subscription Prices

OEM Scan Tool Center

Service Info Request (SIR)

Locksmith/Vehicle Security

ALERT

Jaguar Land Rover Trust Centre Technical Issues

NASTF is aware of a problem with the JLR Trust Centre used by LSID holders to acquire key codes. We are working with Jaguar to resolve this issue as soon as possible. The symptoms are that your LSID will be ignored and you will be taken to a support page. Watch here for updates. As always when this message disappears the problem is resolved.

Thank you for calling NASTF; The menu has changed, really!

We Support

NASTF
NATIONAL AUTOMOTIVE SERVICE TASK FORCE

SUPPORTING PARTNERS (2017)

DIAMOND LEVEL

Alliance of Automobile Manufacturers
Association of Global Automakers

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LISTA DE SITIOS WEB DE FABRICANTES

OEM Scan Tool Center

[Service Info Request \(SIR\)](#)

[Locksmith/Vehicle Security](#)

[How-To Guides/Videos](#)

[Road to GREAT Techs](#)

[NASTF General Meetings](#)

[Team Pages & Projects](#)

[Non-OEM Resources](#)

[Other References](#)

[Instructors/Educators](#)

[ACURA](#)

[ALLISON TRUCK*](#)

[ASTON MARTIN](#)

[AUDI](#)

[BENTLEY](#)

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[EAGLE](#)

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[FORD](#)

[GENERAL MOTORS](#)

[HONDA](#)

[HINO TRUCK*](#)

[HYUNDAI](#)

[INFINITI](#)

OEM service info or
flash software not available?
Don't give up.
File an SIR. Click [HERE](#) to
learn more.

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LA CALIBRACIÓN DE LA ECU Y SU IMPORTANCIA

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 | **FORD SERVICE INFO.COM**



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Latest Calibration Information

Determine the latest Software Part Numbers for emission-related modules by selecting Vehicle, Model Year, and Engine Size from the dropdown menus below, then click SUBMIT

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¿QUE TENGO QUE COMPRAR?

Module Reprogramming

Diagnostic Software	Interface Device	Complete Vehicle Diagnostics		Module Programming	
		1996-2017 Model Year	2018-Present Model Year	1996-2017 Model Year	2018-Present Model Year
IDS/FDRS	VCM, VCM II, VCMM	X	X	X	X
FJDS/FDRS	Compatible J2534 Devices (Including VCM II and VCMM)		X	X	X

Detailed system requirements, installation, and support information for each product is located under the diagnostics tool support tab for each product.

Please click on the radio button below for the item that you would like to purchase.

● **Integrated Diagnostic Software (IDS) / Ford Diagnosis & Repair System (FDRS) Licensing**

For use with VCM I, VCM II, VMM and VCMM hardware devices only. The complete factory Ford Motor Company vehicle diagnostic tool that provides complete dealership level vehicle diagnostic coverage for all 1996 to present Ford, Lincoln and Mercury vehicles. The IDS software includes time based access to the IDS software, software updates and calibration files.

● **Ford J2534 Diagnostic Software (FJDS) / Ford Diagnosis & Repair System (FDRS) Licensing**

For use with compatible J2534 hardware devices. FJDS software provides Ford Module Programming functionality that covers 1996 to present Ford, Lincoln and Mercury module reprogramming functions, plus complete dealership level vehicle diagnostic software for all 2018 to present Ford and Lincoln vehicles. The FJDS software license includes time based access to the FJDS software, software updates and calibration files.

*** The software download package and other support information can be found under the appropriate software under the Diagnostic Tool Support Tab

*** Licensing support for FJDS and IDS software can be found [HERE](#)

COSTO DE LA SUBSCRIPCIÓN

[Help](#) | [Customer Service](#) | [Terms and Conditions](#)

 **IDS Software Licensing**

[Home](#) [Account Info](#) [Order History](#) Renewal Hotline **1-866-583-8047** [Logout](#)

[Select Product](#) > [Payment and Shipping](#) > [Confirm Order](#)

Please enter the number of additional software licenses that you want to purchase.

Integrated Diagnostic System (IDS)

For use with VCM I, VCM II or VCMM hardware devices only. IDS software provides complete dealership level vehicle diagnostic coverage for all 1996 to present Ford, Lincoln, Mercury vehicles.

Qty	Part Number	Software Description	Price	Subscription Date	Expiration Date
<input type="text"/>	164-RRET	IDS License - 365 Days	\$849.00	1/17/2018	1/17/2019
<input type="text"/>	164-RRET30	IDS License - 30 Days	\$299.00	1/17/2018	2/16/2018
<input type="text"/>	164-RRET2	IDS License - 2 Days	\$149.00	1/17/2018	1/19/2018

Ford J2534 Diagnostic Software (FJDS)

For use with compatible J2534 hardware devices. FJDS software provides module reprogramming software (FMP) that covers 1996 to present Ford, Lincoln, Mercury module reprogramming functions, plus complete dealership level vehicle diagnostic software for all 2018 to present Ford and Lincoln vehicles.

Qty	Part Number	Software Description	Price	Subscription Date	Expiration Date
<input type="text"/>	164-FJDRRET	FJDS License - 365 Days	\$849.95	1/17/2018	1/17/2019
<input type="text"/>	164-FJDRRET30	FJDS License - 30 Days	\$149.95	1/17/2018	2/16/2018
<input type="text"/>	164-FJDRRET2	FJDS License - 2 Days	\$49.95	1/17/2018	1/19/2018

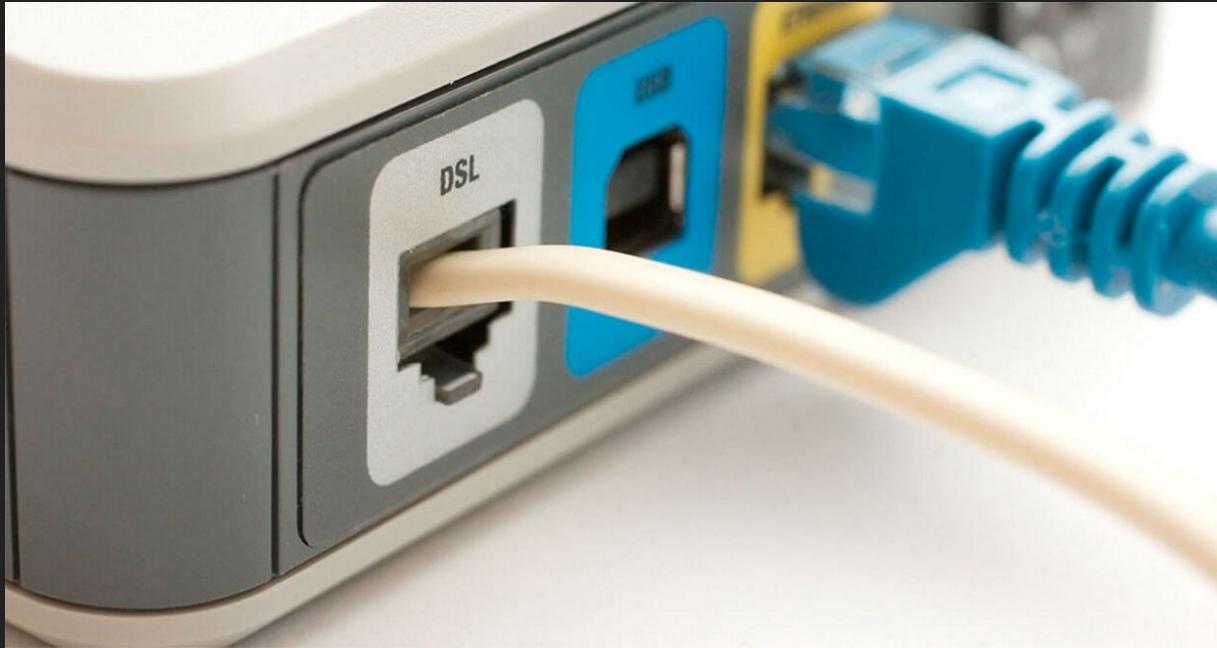
ESTABILIZADOR DE TENSIÓN Y RECOMENDACIONES



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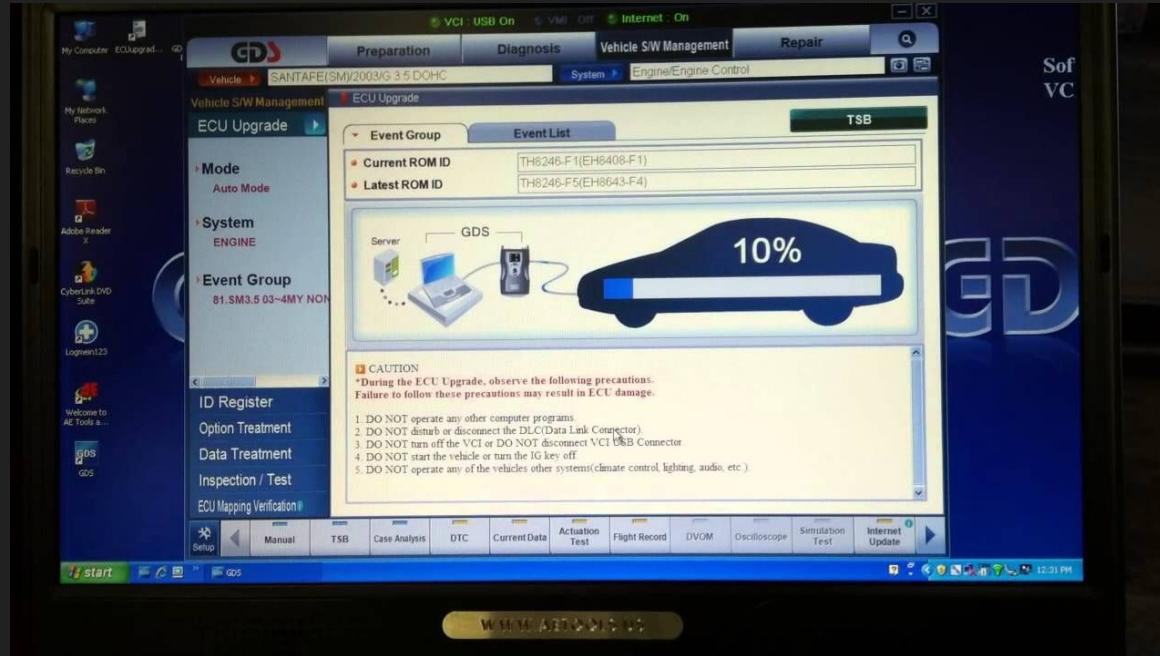
VELOCIDAD DE INTERNET Y RECOMENDACIONES



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RECOMENDACIONES DURANTE EL PROCESO



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CONCLUSIONES

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Curso 3 días de J2534



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Contenidos del Curso J2534

- ¿Qué es J2534?
- Historia de la norma
- Estructura y Formato
- Qué diferencia hay entre Programación, Reprogramación y Codificación
- TSB (Boletines de Servicio) y cómo buscarlos

Contenidos del Curso J2534

- Cómo usar la página NASTF
- Páginas con acceso a info de calibraciones
- Interfaces Pass True
- Protocolos que se utilizan
- Drivers DLL

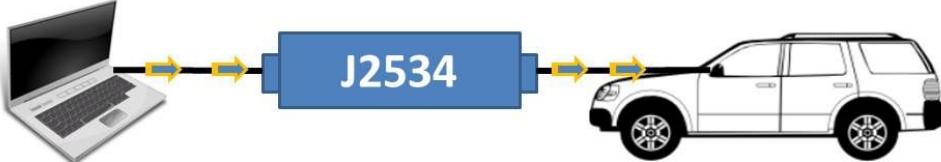
Contenidos del Curso J2534

- Reconocimiento de interfaces por la computadora
- Procedimientos y rutinas
- Ajuste de Componentes
- Procedimiento de cambio de módulos
- Procedimientos prácticos de reprogramación

¡Procedimientos Profesionales!

Cal 1 - 39% / Calibration Update Wizard – Screen S701-17

Flash Calibration Update in Progress



Estimated Time: 00:03:30
Remaining Time: 00:02:07

Cal 1:

**Do not launch or use any other application while reprogramming is in process
Do not disconnect from vehicle**

¡Genera nuevos ingresos con procedimientos avanzados!



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Aprovecha el **50% descuento**
SOLO \$399 \$199 USD
(Por tiempo limitado)

Click en:

<https://pagoseguro.thrivecart.com/j2534-199/>

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¡GRACIAS!