



TPMS

Technical Service Bulletin



Software Update

December 15, 2014

SU-R52.0-014

Scope of this bulletin:

Bartec USA launches Major Software Release R52.0. This feature packed tool software update contains the industry first Suzuki OBD Assisted Relearn! Additionally, we've added four new programmable sensor brands as well as coverage for MY2015. In true Bartec fashion, R52.0 will continue to add value to your TPMS tool investment. This update applies to the following tools: Tech400, Tech400+, Tech400SD, and Tech 500.

Summary of this update

Feature	Industry Exclusive	Benefit	400	400Plus	400SD	500
Suzuki OBDII Assisted Relearn	★	The first to market OBD solution for Suzuki. Keep the relearn for these vehicles in house	N/A	✓	✓	✓
31 Smart Sensor [Contact programmable sensor coverage]	★	Having the ability to process these sensors on your Tech400 Plus and 400SD allows for programing and completing the TPMS relearn using 1 tool! <i>NOTE: Special Fixture will be needed, contact your Bartec Distributor</i>	N/A	✓	✓	Intro'd with R51
ITM Uni-Sensor Smart Sensor [Contact programmable sensor coverage]	★	Having the ability to process these sensors on your Tech400 Plus and 400SD allows for programing and completing the TPMS relearn using 1 tool! <i>NOTE: Special Fixture will be needed, contact your Bartec Distributor</i>	N/A	✓	✓	Intro'd with R51
MULTI-Fit [Contact programmable sensor coverage]	★	Having the ability to process these sensors on your Tech400 Plus and 400SD allows for programing and completing the TPMS relearn using 1 tool! <i>NOTE: Special Fixture will be needed, contact your Bartec Distributor</i>	N/A	✓	✓	Intro'd with R51
MY2015 Vehicle and Sensor Coverage		The very latest sensor and vehicle coverage	✓	✓	✓	✓
Standard Motor Parts (SMP) QWIK Sensor programming		The Bartec tools [indicated] can now program the Standard Qwik Sensor.	N/A	✓	✓	✓
Introducing TIA Inside	★	Provide TIA tips & relearn references right on the tool.	N/A	N/A	✓	✓
Increased Huf coverage		Bringing you the latest in Huf aftermarket programmable sensors!	N/A		✓	✓
Increased Alligator Sens-it Coverage		Introduced in R51.2, this additional coverage will bring your tools current with Sens-it's available applications	N/A	✓	✓	✓
Updated "Program Sensors" list		Added the sensor manufacturer and brand name for easier referencing	✓	✓	✓	✓
Menu flow improvements		General				
Additional GM OBD relearns (Alternate Method to OE Stationary process)	★	Alternate relearn process allows for more consistent process.	N/A	N/A	✓	✓



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Suzuki OBDII Assisted Relearn

Industry first OBD RELEARN and DIAGNOSTICS coverage, the OBDII Assisted Relearn allows you to use your 400SD or 500 All-in-One TPMS tool to Relearn TPM sensor IDS without the hassle of the over complicated factory stationary relearn process. Additionally you can access the existing sensor IDS and Diagnostic Trouble Codes to be able to complete TPMS Diagnostics.



NOTE: This relearn process requires a second activation tool, and must be completed in less than 90 seconds.

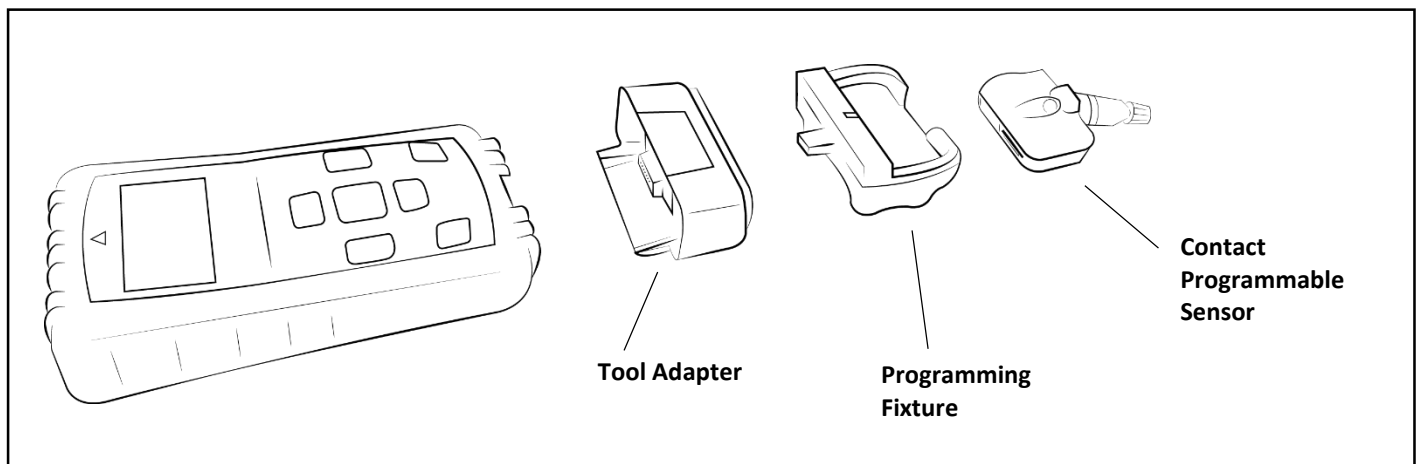
Direct Contact Programmable Sensors

From the Bartec Website: "Aftermarket replacement sensors that are fully programmable [protocol and ID] using CONTACT PINS [as part of a programming tool]. Typically very few part numbers are required to program a wide range of applications."

By adding these types of sensors to the Tech 400SD and Tech 400Plus will increase the capability and flexibility of your tools. Most notable of the Contact Type Programmable sensors are:

Manufacturer	Brand Name
31 Incorporated	Smart Sensor
The Wheel Group	Uni-Sensor
Dorman	Multi-fit

NOTE: In order to program these sensors you will need to purchase the required hardware (Programming Adaptor and Fixture). To purchase these separately, contact your Bartec distributor or sensor supplier for complete details.





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Model Year 2015 Coverage

As with most software updates, Bartec adds new vehicle coverage. This update adds MY2015 coverage to keep your TPMS tools current with OE sensor activations and OBD communications.

Standard Motor Products: QWIK Sensor

With the addition of this Aftermarket Programmable Sensor you will be able to use your Tech400+, Tech 400SD or Tech500 to program these sensors. Using the Tech400+, access this new feature by selecting PROG from the operation screen. On the 400SD or 500, from the Home Menu select Program Sensor. Like all the sensors supported by Bartec, they are programmed for the vehicle you are currently working on. Don't forget the all-important relearn after repair. NOTE:



NOTE: Visit the Standard Motor Products website at www.standardbrand.com for more information, or call their tech support line at [718] 729-4357 (USA) or [800]-732-4832 (Canada)

TIA Inside: TIA Relearn Reference and Troubleshooting

This new feature means users will have an enhanced experience in interacting between their Bartec TPMS tools and the TIA TPMS Relearn Chart! With easy reference right on the operation screen identifying the TIA Relearn Reference Number, users can quickly cross reference information on that vehicle. Additionally, with TIA Troubleshooting, users can quickly access info and tips for why the TPMS light may be on, how to get it off, and other technical data.



Diagram illustrating the TIA features accessible through the TPMS tool interface:

- TIA Splash Screen:** Shows the TIA logo and 'Tech Tips Inside'.
- TIA Relearn Reference on Screen:** Shows a screen with 'TIA: FRD-1' and 'Press Test To Activate Left Front'. An inset image shows a physical relearn chart with a white arrow pointing to a specific entry.
- TIA Troubleshooting (in View Vehicle Information):** Shows a menu with options like 'Information', 'View Replacement Parts', 'View Service Kits', 'TIA Troubleshooting', and 'View Sensor Info'. A subsequent screen shows 'TIA Troubleshooting' details for a Honda/Acura model, mentioning 'node change' and 'accelerometer turned off'.

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Huf Intellisens Aftermarket Sensor Programming

In the continued support of Huf Intellisens on our range of tools, Bartec has updated the on-tool coverage. For more information on these sensors, please visit www.intellisens.com



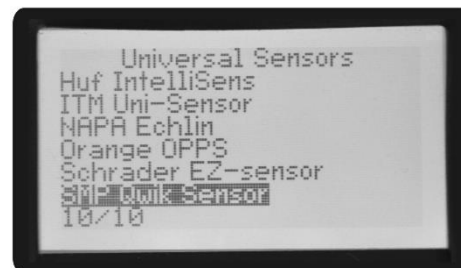
Alligator Sens-it coverage updated

In the continued support of Alligator sens.it on our range of tools Bartec has updated the on-tool coverage. For more information on these sensors, please visit www.alligator-sensit.com



Updated and improved the "programming sensor list"

The Programmable sensor menu has been updated to be clearer and easier to use. Including both the manufacture and brand name, finding the sensor you are working with is much more convenient!



Improved Menu Flow

With the addition of "next task" your 400SD and 500 will be more intuitive to use. Once you have completed the TBYT, the tool will give you the option to navigate directly to the next step.





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Additional "Alternate" GM OBDII Communications for Relearns and Diagnostics

Bartec continues to make TPMS relearns easier and more efficient. The more relearns done through the OBD, the fewer need to be looked up or remembered, therefore the process becomes faster and more manageable. The following table is a partial list of new OBD coverage added, visit www.bartecusa.com for complete application coverage based on this software release.



Make	Model	Year From	Year To	Qualifier
Buick	Enclave	2012	2012	None
Buick	Enclave	2013	2014	None
Buick	Regal	2011	2011	None
Buick	Regal	2012	2012	None
Buick	Regal	2013	2015	None
Buick	Verano	2013	2015	None
Cadillac	CTS	2013	2013	None
Cadillac	Escalade	2013	2013	None
Cadillac	Escalade	2014	2015	None
Cadillac	SRX	2013	2013	None
Cadillac	SRX	2014	2015	None
Cadillac	XTS	2013	2015	None
Chevrolet	Avalanche	2008	2013	None
Chevrolet				None
Chevrolet				None
Chevrolet	Tahoe	2012	2015	None
Chevrolet	Traverse	2012	2012	None
Chevrolet	Traverse	2013	2015	None
GMC	Acadia	2012	2012	None
GMC	Acadia	2013	2014	None
GMC	Savana	2013	2014	None
GMC	Sierra All	2008	2013	None
GMC	Terrain	2010	2012	None
Pontiac	G6	2008	2008	Clamp In
Pontiac	G6	2008	2008	Snap In
Pontiac	G6	2009	2010	None

To update your tool, please download the TPMS Desktop from our website and install it to your PC or Laptop. Use the update application to guide you through the entire update process.