



# TPMS Technical Service Bulletin



## Software Update

**SU-R52.0-014 revB**

**Applies To:** **UPDATED:** R52.0 Tech500, Tech400SD, Tech400Plus, and Tech400

**Feb 13, 2014**

**Scope of this bulletin:**

Bartec USA launches Major Software Release R52.0. This feature packed software brings you an industry first with Suzuki OBD Assisted Relearns! This along with additional sensor programming, MY2015, and other enhancements, R52.0 will bring your Bartec tools to the forefront of TPMS.

**Update: R52.1 and 52.2 – See page 2 below for more info**

Feature	Industry Exclusive	Benefit	400	400Plus	400SD	500
Suzuki OBDII Assisted Relearn	★	Complete relearn VIA OBD, previously not available in the aftermarket. Eliminates complicated stationary relearn process.	N/A	✓	✓	✓
Direct contact programmable sensor coverage. - Dorman MULTI-Fit - Group 31 Smart Sensor - ITM Uni-Sensor		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	✓	✓	Existing
MY2015 Vehicle and Sensor Coverage		The very latest sensor and vehicle coverage	✓	✓	✓	✓
Standard Motor Parts (SMP) QWIK Sensor programming (NAPA Echlin Qwik Sensor)		Process more programmable sensors with your Bartec 400SD and 500!			✓	✓
Introducing TIA Inside	★	Provide TIA tips & relearn references right on the tool.			✓	✓
Improved Huf coverage		Bringing you the latest in Huf aftermarket programmable sensors!	N/A		✓	✓
Improved 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 "Programming Sensors" list		Programmable sensor list on tool to now include the Brand and Name for easier reference and look-up	✓	✓	✓	✓
Improved Menu Flow with auto-prompting to next function.		Bartec is always striving to improve the tool operation process, and this release is no different.			✓	✓
Additional GM OBD relearns (Alternate Method to OE Stationary process)	★	Alternate relearn process allows for more consistent process.	N/A	N/A	✓	✓
Added EZ-sensor® "reduce pressure" for Mitsubishi Lancer and Outlander		Updated programming code for Schrader's EZ-Sensor® to include required output for using the "Reduce Pressure" option for the Mitsubishi Assisted Relearn (Relearn only can be completed on 400P, 400SD, 500)	✓	✓	✓	✓



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### Sub Releases R52.1 and 52.2

Since launching R52.0, Bartec has released a sub release for:

- Tech 500 (R52.2)
- Tech 400SD (R52.1)
- Tech 400Plus (R52.1)
- Tech 400 (R52.1)

These sub releases were to correct bugs or make minor enhancements. Users should insure their tools are updated to the latest available software to insure correct function and coverages.

BUG Fix	400	400Plus	400SD	500
Bug fix: corrected LF activations of Toyota Vehicles		✓		
Improved handling of REDI sensor 10002/7002 with Asian Applications	✓	✓	✓	✓
Bug fix: French setting tool incorrect functionality				✓

### Suzuki OBDII Assisted Relearn



Industry exclusive RELEARN and DIAGNOTICS 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.

With this feature the need for a Factory Scan tool or complicated stationary relearn process is eliminated.

NOTE: a second activation tool is required to complete the 90 second timed process.



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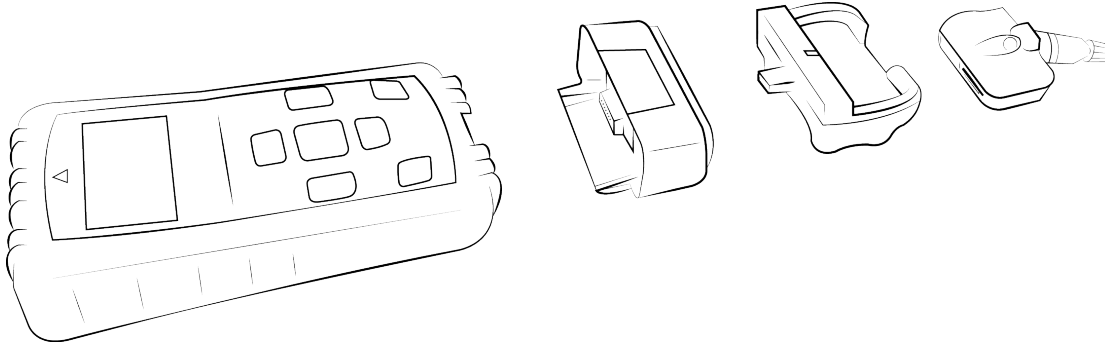
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#### Direct Contact Programmable Sensors



Adding these types of sensors to the Tech 400SD and Tech 400Plus will give you the same abilities the Tech 500 has had in being able to program these contact style sensors. (Note: hardware for Tech 500 and Tech 400SD is different)

These sensors include:

- Smart Sensor from Group 31 Inc.
- Uni-Sensor from ITM
- MULTi-Fit from Dorman

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

#### Model Year 2015 Coverage

By adding MY2015, Bartec keeps your TPMS tools current with OE sensor activations and OBD communications.





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With new sensors on the 2015 Ford Mustang and OBD protocols changing on the Infiniti Q50, this update will allow diagnostics and repair of the latest vehicles on the road.

## Standard Motor Products: QWIK Sensor (NAPA Echlin Qwik Sensor)



With the addition of this Aftermarket Programmable Sensor you will be able to use your Tech 400SD or 500 to program these sensors. Using either the option right from the Home Menu or accessing it in the Relearn Toolbox, these (like all the sensors supported by Bartec) are easily programmed for the vehicle you are working on. By adding this feature to your All-in-One tool, you have the ability for not only sensor programming, but important RELEARN and DIAGNOSITCS tool!

For more information regarding these sensors, please visit [www.bartecusa.com](http://www.bartecusa.com) or [www.standardbrand.com](http://www.standardbrand.com)



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#### Introducing TIA Inside: TIA Relearn Reference and Troubleshooting

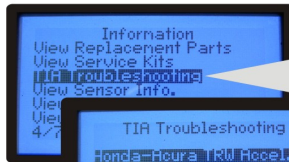
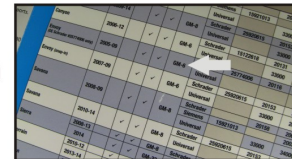
With the introduction of TIA Inside users will have an enhanced experience in interacting between their Bartec TPMS tools and the TIA TPMS Relearn Chart! With easy reference right on the operation screen identifying the TIA Relearn Reference Number, users can quickly cross reference information on that 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.



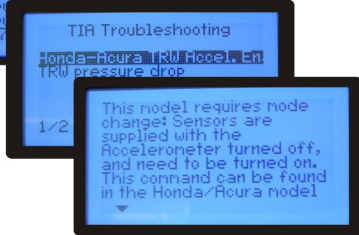
TIA Splash Screen



TIA Relearn Reference on Screen



TIA Troubleshooting (in View Vehicle Information)





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### Huf Intellisens Aftermarket Sensor Programming



Bringing you Huf's latest coverage keeps your all in one Tech 400SD and 500 up to date with the available aftermarket programmable sensors. By integrating this technology you can use the same tool to program, diagnosis and repair the vehicle.

Bartec has updated the on-tool coverage of Huf Intellisens sensors. For more information on these sensors, please visit [www.bartecusa.com](http://www.bartecusa.com) or [www.intellisens.com](http://www.intellisens.com)

### Alligator Sens-it coverage updated



Bartec has updated the on-tool coverage of Alligators Sens-it sensors. For more information on these sensors, please visit [www.bartecusa.com](http://www.bartecusa.com) or [www.alligator-sensit.com](http://www.alligator-sensit.com)



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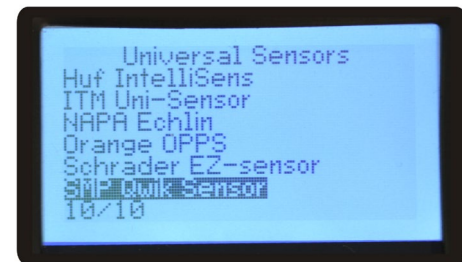
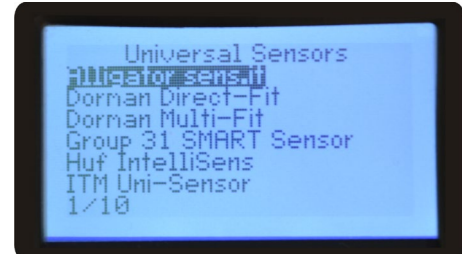


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### Updated and improved the “programming sensor list”

You spoke – we listened! 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



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	2013	2013	None
Chevrolet	Camaro	2012	2012	None
Chevrolet	Camaro	2013	2015	None
Chevrolet	Captiva	2013	2014	None
Chevrolet	Cobalt	2010	2010	None
Chevrolet	Cruze	2012	2012	None
Chevrolet	Cruze	2013	2015	None
Chevrolet	Equinox	2012	2012	None
Chevrolet	Express	2008	2009	None
Chevrolet	Express	2010	2011	None
Chevrolet	Express	2012	2014	None
Chevrolet	HHR	2008	2008	None

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**Bartec USA Technical Support: 866-407-8767**





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Chevrolet	HHR	2009	2009	Clamp In
Chevrolet	HHR	2009	2009	Snap In
Chevrolet	HHR	2010	2011	None
Chevrolet	Impala	2006	2006	None
Chevrolet	Impala	2007	2007	Clamp In
Chevrolet	Impala	2007	2007	Snap In
Chevrolet	Impala	2008	2010	None
Chevrolet	Impala	2011	2012	None
Chevrolet	Impala	2013	2013	None
Chevrolet	Impala	2014	2015	None
Chevrolet	Malibu	2008	2008	Clamp In
Chevrolet	Malibu	2008	2008	Snap In
Chevrolet	Malibu	2010	2012	None
Chevrolet	Malibu	2013	2015	None
Chevrolet	Silverado	2007	2007	TRW Clamp In
Chevrolet	Silverado	2007	2007	Snap In
Chevrolet	Silverado	2008	2013	None
Chevrolet	Silverado	2014	2015	None
Chevrolet	Sonic	2013	2015	None
Chevrolet	Suburban	2007	2007	TRW Clamp In
Chevrolet	Suburban	2007	2007	Snap In
Chevrolet	Suburban	2012	2013	None
Chevrolet	Suburban	2014	2015	None
Chevrolet	Tahoe	2008	2011	None
Chevrolet	Tahoe	2012	2013	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



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### Added EZ-sensor® “reduce pressure” for Mitsubishi Lancer and Outlander

This addition facilitates the Assisted Relearn process when installing new EZ-sensor® on the Mitsubishi Lancer/Outlander/RVR

R52.0 was updated to include the required output allowing the sensor to be used with the Mitsubishi “Reduce Pressure” Assisted Relearn.

NOTE: Sensors MUST be programmed using R52.0 or newer.

Sensors programmed with either R52.0 or previous will function just fine with the vehicle and this change ONLY affects the relearn process.

Note: sensors programmed and relearned successfully to a vehicle system previously to R52.0 will function properly and no further action is required.