▸▸ *Using EZ-sensor on Mitsubishi Vehicles Using Bartec's Adaptor (WRTOBD002)*

Schrader Technical Service Bulletin

Release Date:	March 2014	**Doc. No.:**	TSB –Mitsubishi Relearn IDs
Revision:	Release	**Revision Date:**	May 6, 2014

I. **Bartec has introduced an adaptor tool to enable the relearning of new sensor IDs into Mitsubishi vehicles:**
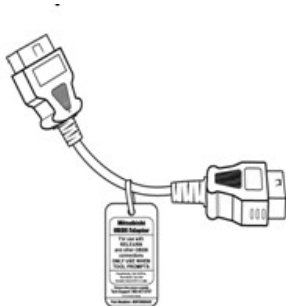
The following items are going to be discussed in this Technical Service Bulletin

    a. What is required: Adaptor (WRTOBD002) and R51 software update or later

    b. Coverage for: Mitsubishi Lancer, Mirage, Outlander and RVR

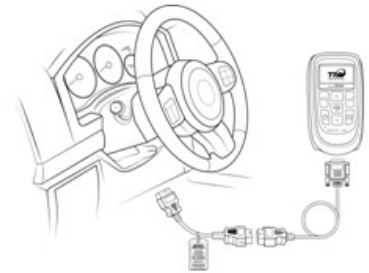   **c.** Mitsubishi OBDII Assisted Relearn process

II. **1.0 – New Equipment and Software required for New ID Relearn into Mitsubishi Vehicles:**

The following equipment is required to relearn new IDs into Mitsubishi vehicles using Bartec tools

1. Adaptor Kit (WRTOBD002)

Note: DO NOT connect your tool to the vehicle OBDII port without using this ADAPTOR connected to the tool OBDII cable

2. Software release 51 or later on the following OBDII capable tools

Tech 400 Plus	Tech 400SD	Tech 500
Software Version R51.0 or newer		

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Eclipse				Standard OBD Relearn								
Endeavor		Standard OBD Relearn										
Galant		Standard OBD Relearn										
Lancer						Assisted Relearn						
Mirage												Assisted
Outlander					Assisted Relearn							
Raider						Standard OBD Relearn						
RVR									Assisted Relearn			

IV. 3.0 – Mitsubishi OBDII Assisted Relearn process

By following a few simple on---screen steps, a technician can service these vehicles quickly and efficiently. Tech400SD and Tech500 tools have the process driven menu flow will prompt you through these steps. When using a Tech400+ tool, you will begin with the SELECT BY VEHICLE prompt:
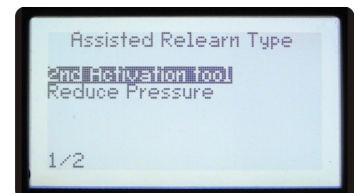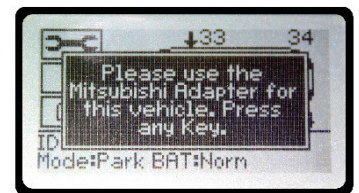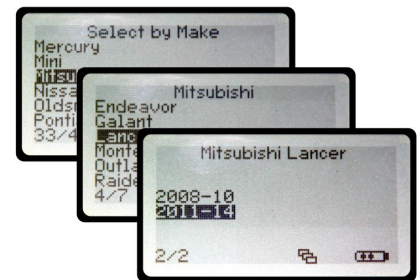
1. Begin by turning on your tool and under RELEARN selecting the proper MAKE, MODEL and YEAR for the vehicle being serviced.

2. Activate all 4 sensors beginning with the DRIVER SIDE FRONT [LF] and proceeding clockwise around, ending with the DRIVER SIDE REAR.

2. Your Bartec tool will prompt you to connect the adaptor. Connect the OBDII cable to your tool and then attach the adaptor to the cable. Connect the tool to the vehicle via the OBDII port.

4. The next screen is "Assisted Relearn Type". Use the arrow key to select the method of activation being used.

Activation Options Are:
Activation Tool – Use a second TPMS tool to activate each sensor during the relearn.
Reduce Air Pressure – Let air out from the tire to force the sensors to activate during the relearn.

Press ENTER _ to continue

5. If you select "Reduce Air Pressure", the tool will then prompt you to reduce the pressure from the left front wheel. When the vehicle successfully receives the signal from the sensor, the screen will flash and prompt you onto the next wheel. Repeat for right front, right rear, and left rear wheels. Once it has all 4 sensor transmissions, the tool will say it was successful and tell you to unplug from the vehicle. The light should be off at this point.
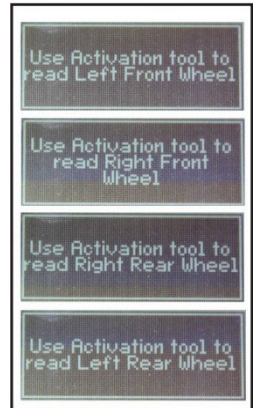
This method may take longer than "Tool Activation"

6. PREFERED METHOD: If you select "Tool Activation", the tool will prompt you to use the activation tool to read the left front wheel. Once the tool reads the sensor and the vehicle receives the signal, the screen will flash and prompt you to move to the next wheel. Repeat for right front, right rear, and left rear wheels. Once it has all 4 sensor transmissions, the tool will say it was successful and tell you to unplug.

V.   4.0 – Special note on EZ---sensor for software release 51

When using an EZ-sensor that is "created" and installed on a Mitsubishi vehicle, the sensor has to be activated with a TPMS tool.

In the event that a second activation tool is not available, a suggested work---around is to create a "copy" sensor and install it into the vehicle without relearning the IDs into the vehicles

Software release version 52.0 from Bartec, corrects this bug. Sensors created with 52.0 or later can use either 2nd activation tool or Reduce Pressure.