TPMS Sensor Tool User's Manual

NOTE: This article applies to '07 Elements and '07 Odysseys (all except Touring models). These models come with a new, simplified type of TPMS.

Each Honda dealership is going to be sent a new required special tool: the TPMS Sensor Tool (T/N AKS062006). You need this tool to help you troubleshoot the TPMS and to do tire pressure sensor ID memorization.

Background

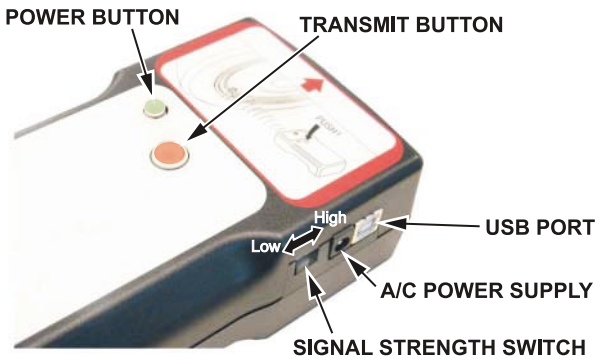
Unlike earlier systems, this TPMS doesn't use initiators to wake up the tire pressure sensors. Instead, each sensor has a built-in acceleration sensor. When the vehicle reaches a certain speed, the tire pressure sensors wake up. When the vehicle is stationary for **5 minutes** or more, the sensors automatically go to sleep. To troubleshoot the TPMS or to do sensor ID memorization, you need this TPMS sensor tool to wake up the tire pressure sensors.

Tool Description Revised 10/4/06

The TPMS sensor tool comes neatly packed as a kit in a foam-lined, high-impact, black plastic carrying case for easy transport and storage. Here's what you get in the kit:

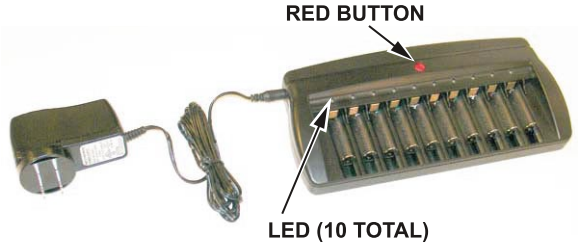
- TPMS sensor tool
- Rechargeable nickel-metal hydride (Ni-MH) 1.2 volt AA batteries (10 total)
- AC power adapter (for TPMS sensor tool)
- Battery charger
- AC power adapter (for battery charger)
- USB cable (15 foot)

The TPMS sensor tool can run either on the 10 rechargeable batteries or with the AC power adapter. The front of the tool has a power button and a transmit button. The power button lights **green** when you push and release it; the transmit button lights **red** when you push and hold it.



The right side of the tool has a signal strength switch that lets you select either a high-strength (70 Db) signal or a low-strength (60 Db) signal. Slide the switch up for high; slide it down for low. Next to that switch, there's an outlet for the AC power adapter. Next to the outlet, there's a port for the USB cable.

The battery charger is a "smart" type (it's computer-controlled). It has an open tray that holds the 10 rechargeable batteries. An LED above each battery slot tells you the charge status. When you push the red button on top of the battery charger, the LED blinks **red** to tell you the battery charger is in its discharge mode. The battery charger completely discharges the battery before it begins the charging process to keep the battery from developing a memory. The LED lights **solid red** when the battery is fully discharged and the charging process begins. The LED lights **green** when the battery reaches its full charge.



The USB cable connects the TPMS sensor tool to the HDS or to a PC. It's for future use.

Tool Tips

The TPMS sensor tool is actually quite simple to use. Here are some handy tips:

- Make sure the HDS is connected to the 16P DLC and it's loaded with version 2.005.008 or later software. *This tool doesn't work without the HDS or this software.*
- Press and release the power button to turn on the tool; press and hold the button to shut it off. To save battery power, this tool shuts itself off after **3 minutes** of idle time.
- For best results, make sure the signal strength switch is **always** set to the low (down) position.

(cont'd)

Coming Your Way:...(cont'd)

- Follow all HDS screen prompts. When you're instructed, aim the tool straight at the tire pressure sensor about **20 inches** away, and push and hold the transmit button. Keep following the screen prompts.

If you've got a vehicle in your shop that needs servicing and you can't wait for your new TPMS sensor tool to arrive, the AHM Special Tools Loan Program has some of these tools available. Just call **1-800-346-6327**, and a loaner will be shipped to you overnight.

FCC WARNING

Changes or modifications not expressly approved by the party responsible for compliance could void the user' s authority to operate the equipment.

NOTICE

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Industry Canada

(This device complies with Part 15 of FCC Rules and RSS-Gen of IC Rules.) Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device.