# TPMS Relearn Procedure – 31R306

An X-tra Seal Smart Sensor® Pro+ Tool and OBDII Module, or another properly formatted TPMS scan tool, is required to perform this procedure.

## Procedure using an X-tra Seal Smart Sensor® Pro+ Tool and OBDII Module

Relearn Procedure when Replacing a Sensor

1. Ensure all tires are inflated to the pressure listed on the placard.
2. Select a vehicle make, model and model year, which has OBDII support, in you Pro+ Tool.
3. Select OBDII from your Pro+ Tool's menu.
4. Starting with the LF tire, use your Pro+ Tool to scan each sensor in the following order: LF, RF, RR, LR (and full size spare if equipped).
5. After all sensor ID's have been stored, use (insert image of up/down arrows) to select OBD.
6. Turn ignition to the ON position with the engine OFF (not the ACC position).
7. Connect the Pro+ OBDII Connector to the Pro+ Tool then to the vehicle's OBDII port. Make sure your connection is secure and the green light, on the OBII Module, is on.
8. Select Upload Car IDs, from the Pro+ Tool's menu, and upload the sensor IDs.
9. When RELEARN COMPLETE / IDs UPLOADED TO CAR is displayed, the ID's have been successfully uploaded.
10. Turn the ignition to the OFF position. Re-scan each sensor.
11. Drive the vehicle above 30mph for at least 15 minutes and monitor the low tire pressure monitor to ensure it does not blink.

## OBDII Errors

If you see an error on the screen while performing an OBDII Relearn, check to make sure that the vehicle is in the ON position (not ACC). Also make sure all the connections are secure.

Errors E1 and E2 - Reading Communication Errors
Make sure vehicle is ON and not ACC Check for secure connection.

Errors E3 and E6 - Writing Communication Errors
Make sure vehicle is ON and not ACC Check for secure connection.

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## (OBDII Errors continued)

Error E4 – Wrong Set Error
Many Lexus vehicles can store more than one set of TPMS ID's in ECU. Toggle the vehicles selected set to the MAIN set. Then retry OBDII Relearn.

Error E5 - Spare Tire Error
If you receive this error, and you did not upload a sensor ID for the spare, then this vehicle requires a spare. If you did upload a spare, but you received this error, then the vehicle does not store the ID in the ECU for the spare tire.

Toyota Loop
If you receive E1, E2, E3, or E4 on Toyota / Lexus vehicles after verifying a good connection, the vehicle may be stuck in a loop. This happens when the "SET" button is pressed after introducing new sensors to the vehicle. This may require a special tool to remove the vehicle from the loop.

<u>Relearn Procedure when Resetting the Tire Pressure or after Rotating the Tires</u>

1. Ensure all tires are inflated to the pressure listed on the tire placard.
2. Apply parking brake and turn ignition to ON position with the engine OFF (not the ACC position).
3. Hold down pressure warning reset switch (located under the steering wheel or in glove box) (insert image of the reset switch) until the TPMS telltale light blinks three (3) times.
4. It will take several minutes for the ECU to receive the signals from the sensors and complete initialization.

## Procedure using another Properly Formatted Scan Tool

<u>Relearn Procedure when Replacing a Sensor</u>

1. Ensure all tires are inflated to the pressure listed on the placard.
2. Starting with the LF tire, use the scan tool to scan each sensor in the following order: LF, RF, RR, LR (and full size spare if equipped).
3. Turn ignition to the ON position with the engine OFF (not the ACC position).
4. Connect the scan tool to the OBDII port and upload the sensor IDs.
5. Turn the ignition to the OFF position. Re-scan each sensor.
6. Drive the vehicle above 30mph for at least 10 minutes and monitor the low tire pressure monitor to ensure it does not blink.

# TPMS Relearn Procedure – 31R306

## (continued)

Relearn Procedure when Resetting the Tire Pressure or after Rotating the Tires (select models)

1. Ensure all tires are inflated to the pressure listed on the tire placard.
2. Apply parking brake and turn ignition to ON position with the engine OFF (not the ACC position).
3. Hold down pressure warning reset switch (located under the steering wheel or in glove box) (insert image of the reset switch) until the TPMS telltale light blinks three (3) times.
4. It will take several minutes for the ECU to receive the signals from the sensors and complete initialization.

For more information,
contact your X-tra Seal Distributor or call (800) 438-3302.
www.tpmsnetwork.com

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