

GENERAL INFORMATION

BMW - 1982-13

BRAKE PAD WARNING LIGHT

NOTE: Most vehicles are equipped with a Malfunction Indicator Light (MIL) or check engine light. If light comes on and remains on while driving, the vehicle requires some type of repair. See appropriate service and repair information. After repairing fault(s) and clearing fault code(s), the Malfunction Indicator Light (MIL) or check engine light should go out. Some models may use a dual-function indicator light, which is also used to indicate emission component service is due. After performing required service, reset indicator light.

NOTE: Brake pad warning light should go out after replacement of brake pad thickness sensor. If warning light does not go out, turn ignition on, engine off, for 30-45 seconds. Warning light should go out. If the above procedure is not successful, connect vehicle to DIS tester, access Instrument Cluster/IKE, then "clear fault memory".

NOTE: The base instrument cluster OIL SERVICE INSPECTION display is located on the bottom of the cluster, to the right of center. The base cluster is also equipped with a graphic display of the car that shows if a door or the trunk lid is open. The high instrument cluster OIL SERVICE INSPECTION display is located on the bottom of the cluster, to the left of center.

NOTE: To determine the appropriate reset procedure, refer to BRAKE PAD WARNING LIGHT RESET INDEX. Only vehicles listed in this index have a specific brake pad warning light reset procedure. For other vehicles, perform PROCEDURE 1 first. If light does not reset, perform PROCEDURE 2. If the above procedures are not successful, connect vehicle to DIS tester, access Instrument Cluster/IKE, then "clear fault memory".

BRAKE PAD WARNING LIGHT RESET INDEX

Model & Year	Reset Procedure
5-Series	
1997-00 (w/High Instrument Cluster)	<u>Brake Pad Warning Light Reset - Procedure 1</u>
1997-00 (w/Base Instrument Cluster)	<u>Brake Pad Warning Light Reset - Procedure 2</u>
7-Series	
1997-00	<u>Brake Pad Warning Light Reset - Procedure 1</u>

BRAKE PAD WARNING LIGHT RESET - PROCEDURE 1

To reset light after replacing brake pads, turn ignition on with engine off. Wait 30 seconds. Brake pad warning indicator light will switch off.

BRAKE PAD WARNING LIGHT RESET - PROCEDURE 2

Start engine. Brake pad warning indicator will switch off.

OXYGEN SENSOR WARNING LIGHT

NOTE: To determine the appropriate reset procedure, refer to **OXYGEN SENSOR WARNING LIGHT RESET INDEX**. Only vehicles listed in this index have an oxygen sensor warning light.

OXYGEN SENSOR WARNING LIGHT RESET INDEX

Model & Year	Reset Procedure
All Models	
1983 & Earlier	<u>Oxygen Sensor Warning Light Reset - Procedure 1</u>
1984 & Later	<u>Oxygen Sensor Warning Light Reset - Procedure 2</u>

OXYGEN SENSOR WARNING LIGHT RESET - PROCEDURE 1

1. Every 30,000 miles (25,000 miles on 528i) the OXYGEN light in dash will come on as a reminder to replace the oxygen sensor.

NOTE: On 528e models, pull the protective metal plate off before removing oxygen sensor.

2. On 528e models, no interval reset switch is provided. After replacing sensor, remove instrument panel. Remove and discard bulb for OXYGEN sensor light.
3. On all other models, trace speedometer cable to interval switch (in-line with cable, mounted on frame rail left of transmission). Press White reset button. See **Fig. 1**. Ensure warning light is out.

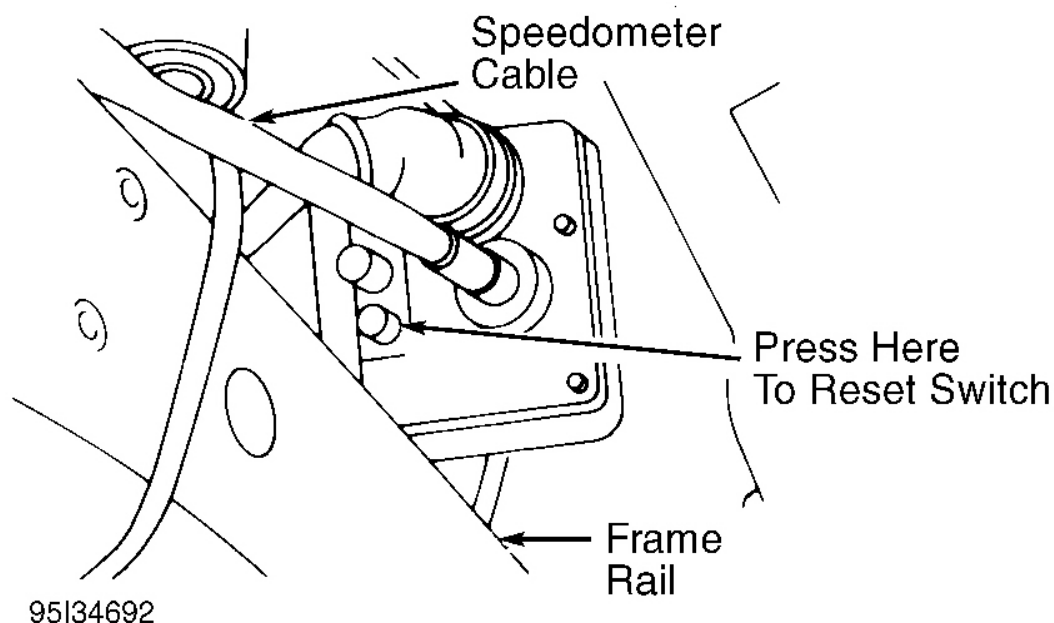


Fig. 1: Locating Oxygen Sensor Warning Light Reset Switch (All BMW Models Before 1983)
 Courtesy of BMW OF NORTH AMERICA, INC.

OXYGEN SENSOR WARNING LIGHT RESET - PROCEDURE 2

NOTE: Some late production (February 1985 and later) BMW models have a reset button on rear of the light control assembly located near pedal assembly. Press button to reset light after servicing oxygen sensor.

No reset switch is provided. When oxygen sensor light comes on, service oxygen sensor. Remove and discard bulb from indicator.

SERVICE INTERVAL REMINDER LIGHTS

NOTE: This is sometimes referred to as the "Oil Change Light" or "Oil Service Light".

NOTE: The service indicator can only be reset using the reset mode in the instrument cluster or by using BMW hardware. This procedure applies to 3-Series from production date 9/99, and 5-Series and 7-Series from production date 9/00 (except 2002-05 7-Series and 2004-05 5-Series) without an engine compartment diagnostic connector.

- On models that still use the round diagnostic connector in engine

compartment, use SIA reset tool to reset service lights. See **SERVICE INTERVAL LIGHT RESET - PROCEDURE 1.**

- On models without the round diagnostic connector in the engine compartment, the use of the SIA reset tool is not possible. See **SERVICE INTERVAL LIGHT RESET - PROCEDURE 2.**
- For 2002-up models with condition based service (CBS) interval system reset procedure, see **SERVICE INTERVAL LIGHT RESET - PROCEDURE 3.**

NOTE: To determine the appropriate reset procedure, refer to **SERVICE INTERVAL REMINDER LIGHT RESET INDEX.** Only vehicles listed in this index have a service interval reminder.

SERVICE INTERVAL REMINDER LIGHT RESET INDEX

Model & Year	Reset Procedure
Models With Engine Compartment Diagnostic Connector	
1983-05	<u>Service Interval Light Reset - Procedure 1</u>
Models Without Engine Compartment Diagnostic Connector	
2001-05	<u>Service Interval Light Reset - Procedure 2</u>
Models Without Condition Based Service (CBS) Interval System	
2004-05	<u>Service Interval Light Reset - Procedure 3</u>
Models With Condition Based Service (CBS) Interval System	
2002-06	<u>Service Interval Light Reset - Procedure 4</u>
2007-13	<u>Service Interval Light Reset - Procedure 5</u>

DESCRIPTION & OPERATION

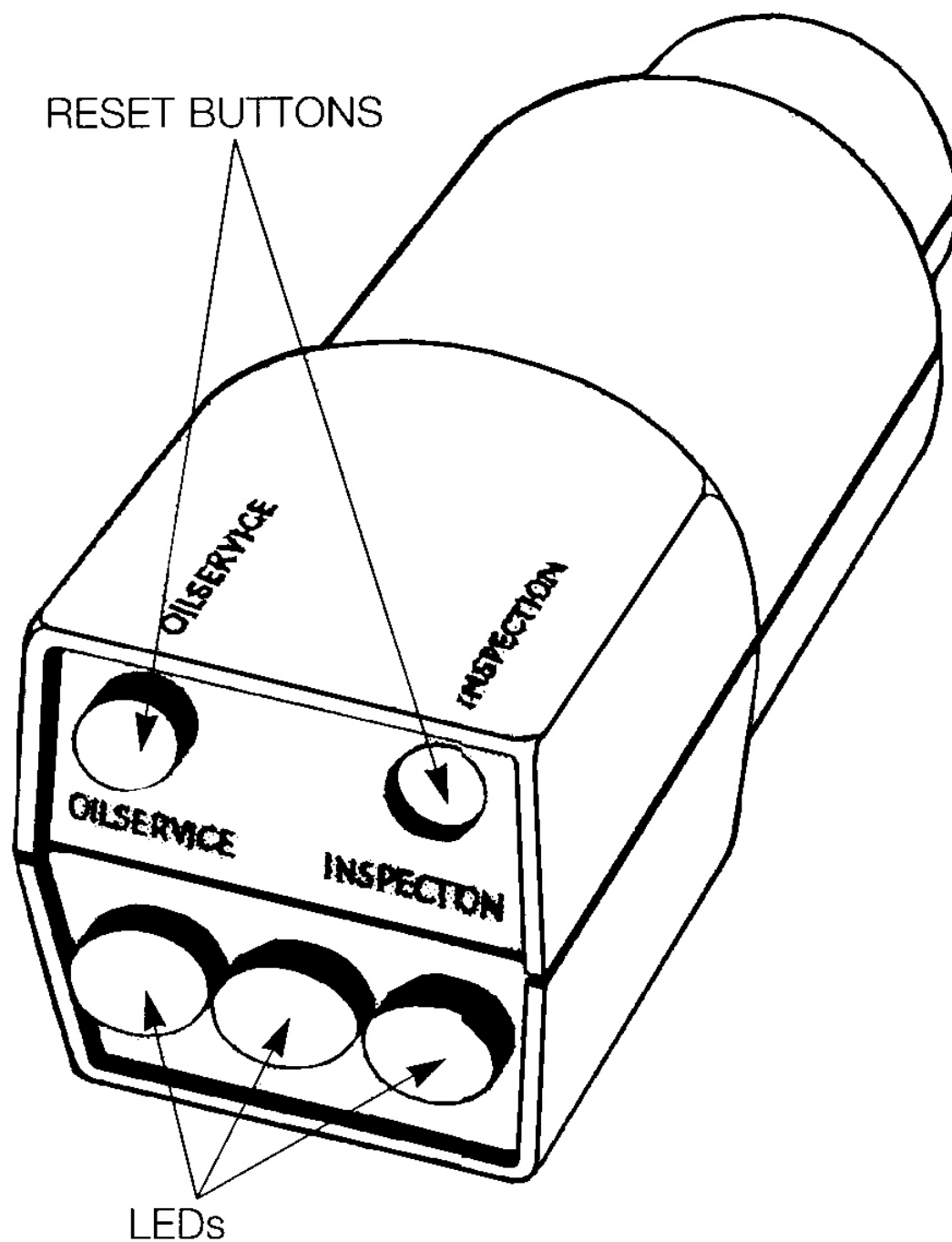
Starting in 1983 and ending on some models in 1999, service indicator on instrument panel consists of 5 Green, 3 Red and one Yellow Light Emitting Diodes (LED) and the inscriptions OIL SERVICE and INSPECTION. When ignition is on, as many as 5 Green LEDs will light up. The Green LEDs go out when the engine is started. If the Yellow LED glows and one of the inscriptions comes on and remains on when the engine is started, maintenance service is due immediately. When maintenance interval has been exceeded (after approximately 1000 miles) the Red LED's will come on in addition to the Yellow LED as a reminder for servicing.

Beginning on some models in 1999, a new method for displaying the service interval is used. Colored LEDs are no longer used to display the amount of time until the next service or inspection is due. The actual mileage remaining until the next service will be displayed for five seconds when the ignition is first switched on. The text OIL SERVICE or INSPECTION will also illuminate to show which service is due. A minus symbol (-) before the mileage display indicates that a service is past due.

The 2002-12 models with condition based service (CBS) interval system uses an entirely different service interval system. See **SERVICE INTERVAL LIGHT RESET - PROCEDURE 3.**

SERVICE INTERVAL LIGHT RESET - PROCEDURE 1

1. To reset instrument cluster SIA OIL SERVICE indicator, turn ignition switch to ON position. Connect Service Indicator Resetter (62 1 110) to diagnosis connector in engine compartment. See **Fig. 2**.
2. Press Yellow OIL SERVICE button. Green LED will illuminate. Wait until Yellow LED illuminates and then goes out again. Ensure that OIL SERVICE indicator has been reset.
3. To reset SERVICE INTERVAL indicator, press Red INSPECTION service button for inspection. Green LED illuminates. Wait until Red LED illuminates and then goes out again. Turn ignition switch to OFF position, wait 20 seconds and repeat procedure in order to adapt interval of annual inspection to inspection. Ensure that SERVICE INTERVAL indicator has been reset.



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Fig. 2: Identifying BMW Service Interval Reset Tool
Courtesy of BMW OF NORTH AMERICA, INC.

SERVICE INTERVAL LIGHT RESET - PROCEDURE 2

Reset service light by performing the following:

1. Ignition key must be in OFF position.
2. Press and hold trip odometer reset button in the instrument cluster (left button), and turn ignition key to first position.
3. Keep the button pressed for approximately 5 seconds until one of the following words appear in the display: "OIL SERVICE", or "INSPECTION", with "RESET".
4. Release reset button and press it again until "RESET" begins to flash in the display. See **Fig. 3** and **Fig. 4**.
5. Service due is shown with "RESET" if coded minimum consumption limit has been reached and resetting is possible. If "RESET" is not shown, minimum limit has not been reached and resetting is not possible.
6. While "RESET" is flashing, press left button briefly to reset service interval. After display has shown new interval, following will appear: "END SIA".
7. System can only be reset again after 2.5 gallons of fuel have been consumed.

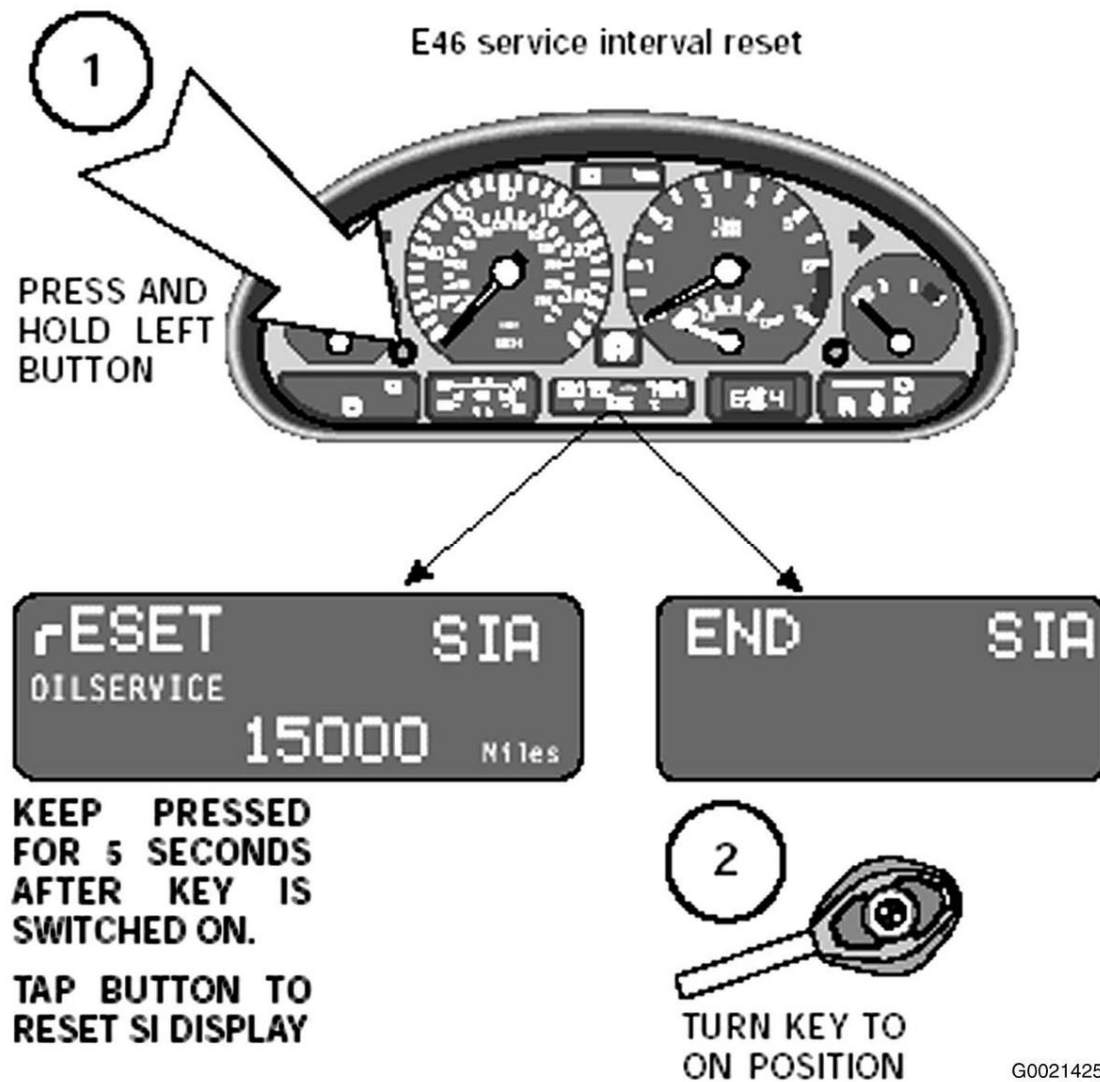
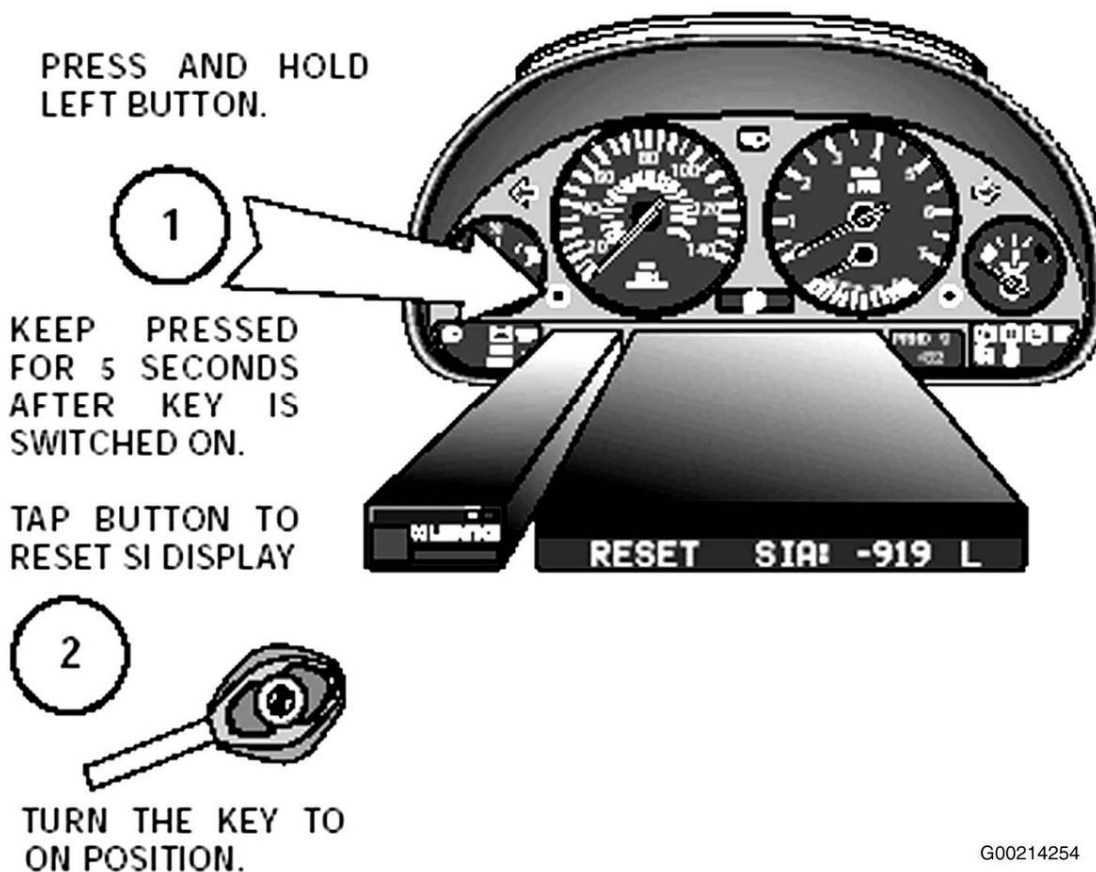


Fig. 3: Resetting Service Interval Light (E46)
 Courtesy of BMW OF NORTH AMERICA, INC.

E39 service interval reset (High Version)

**Fig. 4: Resetting Service Interval Light (E39)**

Courtesy of BMW OF NORTH AMERICA, INC.

SERVICE INTERVAL LIGHT RESET - PROCEDURE 3

The BMW maintenance system SIA IV (service interval indicator) is used on X3 models (E83). The service interval indicator is a system subject to constant development which in its development stages has been integrated in various model series such as E85 (Z4) and E46 (3 and M3-Series).

The service indicator appears in the LC display in the instrument cluster's speedometer. The indicator is shown for 5 seconds in the LC display after terminal R is "ON". See **Fig. 5**.



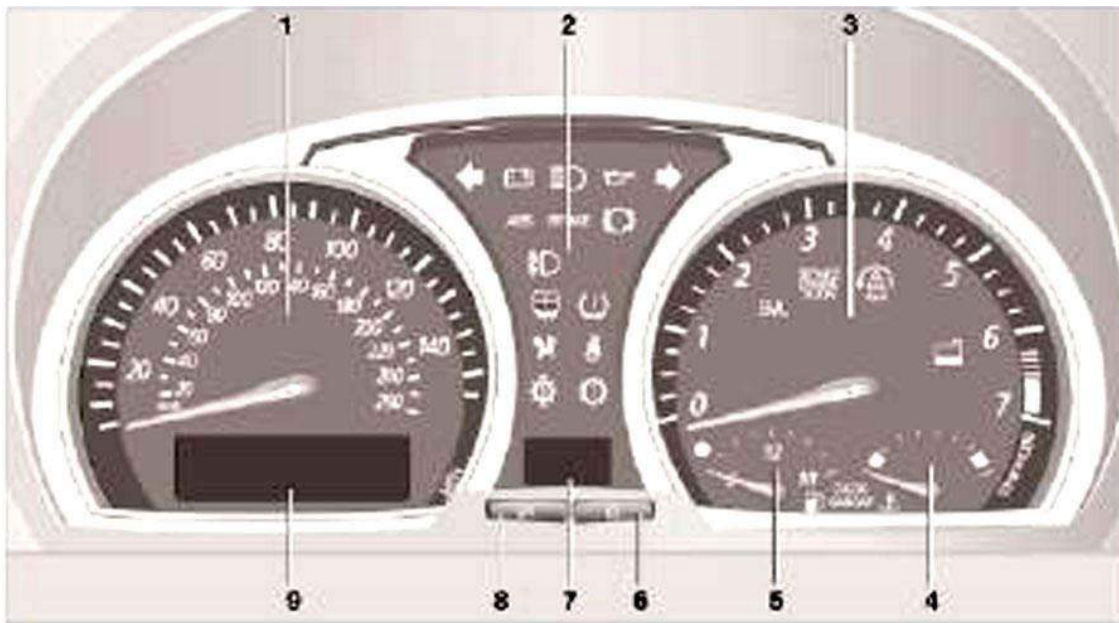
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Fig. 5: Identifying Service Interval Indicator

Courtesy of BMW OF NORTH AMERICA, INC.

Resetting Service Interval Indicator

Resetting the service interval indicator for the oil service and inspection procedures can only be done by pressing the left button in the instrument cluster. See **Fig. 6**.



- | | |
|------------------------------|--|
| 1. Speedometer | 6. Button for display of Time and Service Interval |
| 2. Indicator Warning Lamps | 7. Display for Selector lever and program display |
| 3. Tachometer | 8. Button for reset of Trip Odometer and Time |
| 4. Coolant Temperature Gauge | 9. Display for Time, Service Interval, OBC |
| 5. Fuel Gauge | |

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Fig. 6: Identifying Service Interval Indicator Reset Button

Courtesy of BMW OF NORTH AMERICA, INC.

SERVICE INTERVAL LIGHT RESET - PROCEDURE 4

Models using a Condition Based Service (CBS) service interval system, which displays a Service Need Display (SND). When ignition is on, Service Need Display appears under the speedometer in the instrument cluster for 10 seconds in the place where the fuel tank level is normally displayed. The first line corresponds to the mileage dependent service items. It specifies the mileage when the next service is due.

If the mileage is exceeded (service overdue), it appears with a minus sign. The second line corresponds to the time dependent service items and is displayed by a clock symbol. It specifies the weeks/months/years when the next service is due. If the service is overdue, it appears with a minus sign. The actual service item (with additional information) can be viewed in the control display.

NOTE: On some models an appropriate scan tool may be used to reset CBS service schedules. By using suitable diagnostic equipment connected to the vehicle diagnostic connector it is possible to reset CBS service schedules at any time. By selecting the `CBS' option, the diagnostic equipment will gather information regarding the current state of CBS items from their relevant modules on the CAN network.

Service reset is accomplished using instrument cluster:

1. Insert key into ignition.
2. Press ignition start/stop button without depressing the clutch or brake, and wait for the service reminder to disappear.
3. Immediately after the service reminder indicator goes out, press and hold the odometer reset button or stalk. After 3 secs a warning triangle will appear, keep the odometer button pressed and after another 2-3 secs an oil can will appear.

NOTE: If the odometer button is pressed too long (10 secs in total), German writing will appear (giving the software level/ can bus etc. of the vehicle). This indicates that you've overshoot the reset procedure and you need to re-start from the beginning.

4. The service menu should now be displayed. Use the button (twist if the switch is a stalk - or if a button, tap repeatedly) to scroll up/down through the various service items.

NOTE: On newer models, it may be the rocker/toggle switch on the turn indicator lever that is used to scroll up/down through the various service items. See Fig. 9.

5. When the item to be reset is showing, press the BC button on end of turn indicator lever. "Reset" should now appear in the display. Press in and hold the BC button for 2-3 secs and a whirling clock icon will be

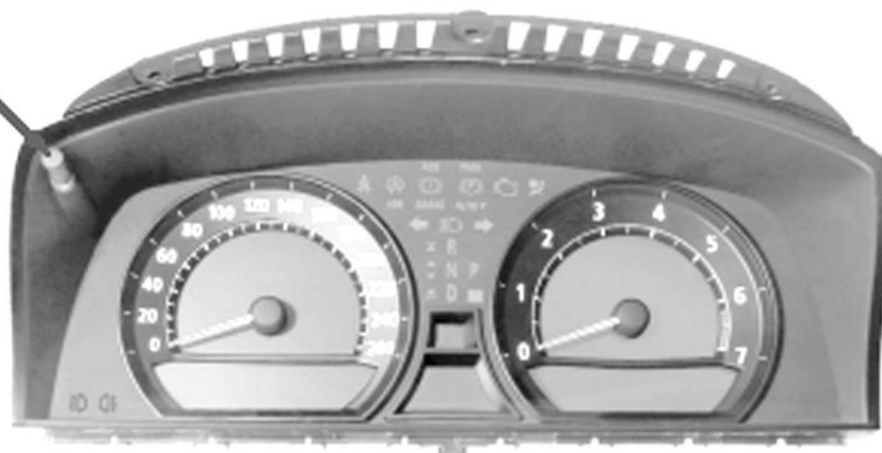
displayed. The reset procedure for the selected service item is done.

6. Scroll up/down to select another item (as in step 4), or press the ignition start/stop button to exit.

NOTE: Residual wear or remaining time are specified (possibly with a minus sign). The "1" symbol means that you can reset service operation (early production vehicles may show an "F"), while a "0" indicates it is not resettable (the first 20 percent of the service interval is also protected against accidental reset). For additional information about Condition Based Service (CBS), see RESETTING AND CORRECTING CONDITION BASED SERVICE under PROGRAMMING in SELF-DIAGNOSIS - 7-SERIES article.

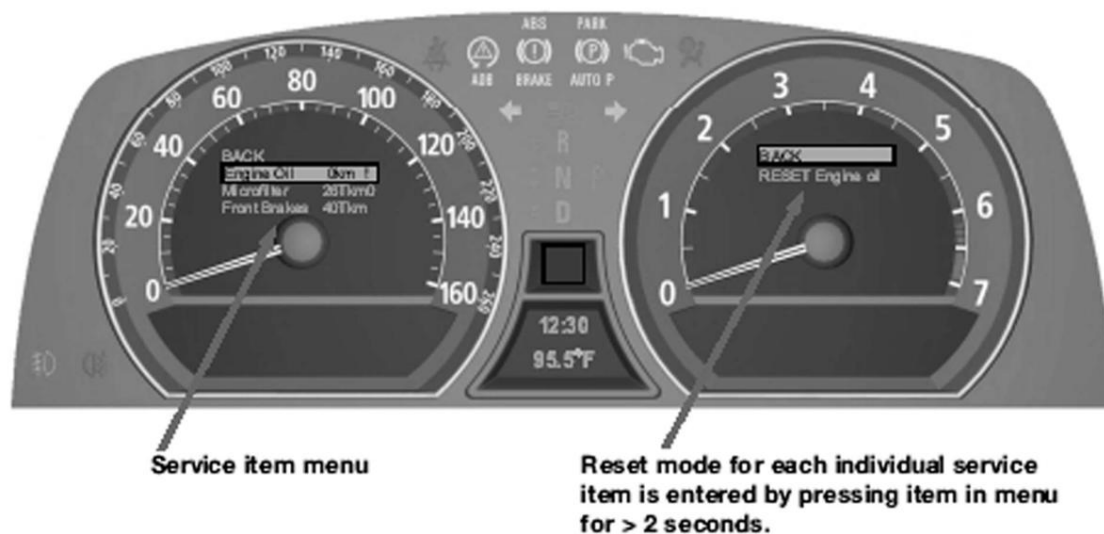
Reset Button

Press and hold for 10 seconds.



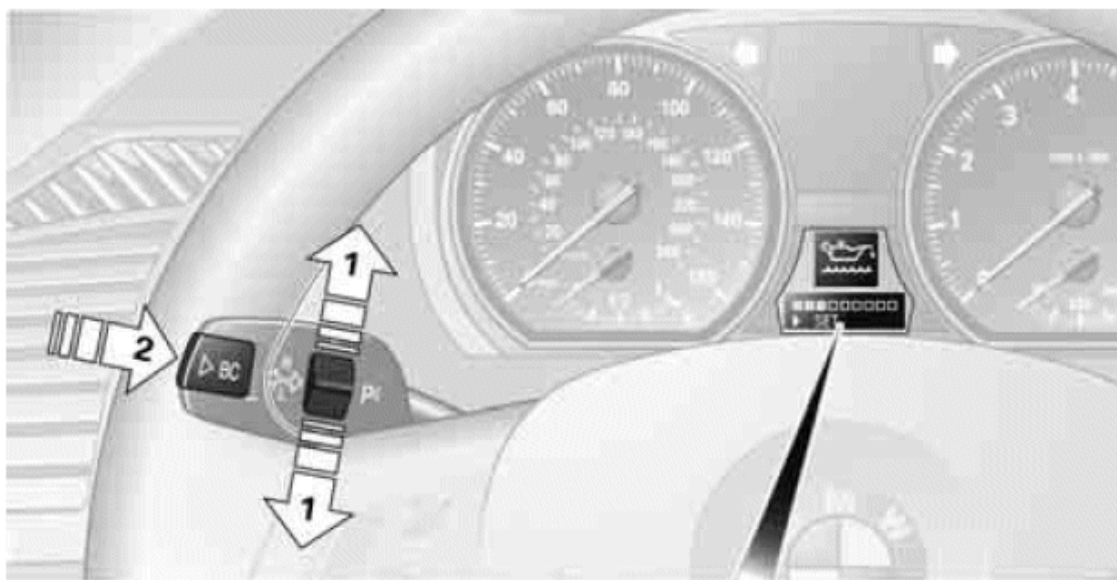
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Fig. 7: Identifying Condition Based Service (CBS) Instrument Panel Controls (Typical)
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 8: Identifying Condition Based Service (CBS) Instrument Panel Controls (Typical)
Courtesy of BMW OF NORTH AMERICA, INC.



1 Button for:

- ▶ Selecting display
- ▶ Setting values

2 Button for:

- ▶ Confirming selected display or set values
- ▶ Calling up computer information

Fig. 9: Identifying Condition Based Service (CBS) Instrument Panel Controls (Typical)
 Courtesy of BMW OF NORTH AMERICA, INC.

SERVICE INTERVAL LIGHT RESET - PROCEDURE 5

CBS Reset Using BMW Diagnosis System

IMPORTANT: Although the CBS maintenance jobs can be reset using in-car controls, it is recommended that the reset procedure be done via the diagnosis system. It is only possible to code the statutory intervals specific to individual countries with the diagnosis system.

IMPORTANT: To be able to check and/or correct the car's on-board date properly, the diagnosis system requires the correctly set tester system date.

The jobs may only be reset after the service measure has been completed.

The brake pads can only be reset with a new brake pad wear sensor.

The CBS jobs can be reset via the diagnosis system on the following path:

- Start diagnosis
- Carry out vehicle identification
- Function selection

- Service functions
- Maintenance
- CBS reset

CBS Reset Using In-Car Controls

On-the-vehicle service operations can be reset at the instrument panel.

NOTE: A reset is only possible in the car if:

- There is no Check Control message
- Availability of the service job is under 90%
- On-board date must be correctly set

NOTE: Resetting of a service job must always be carried out after a maintenance measure has been completed.

IMPORTANT: If engine oil and vehicle check are reset at the same time, always reset engine oil first.

1. Switch the ignition on.
2. Press the odometer reset button (1) for approx. 10 seconds, until the 1st service job appears in the display (2). See **Fig. 10**.
3. Bring up the next item by briefly pressing the button again.
4. Select the desired service job.
5. If a reset is possible, this is displayed in the instrument panel as "Reset executable".
6. Start the reset by pressing the button for 3 seconds.
7. Confirm text message "Execute reset?" by pressing the button for 3 seconds again.
8. The status of the reset is indicated in the display by a progress bar and in text as "Reset running".
9. The reset is confirmed after completion as "Reset successful".

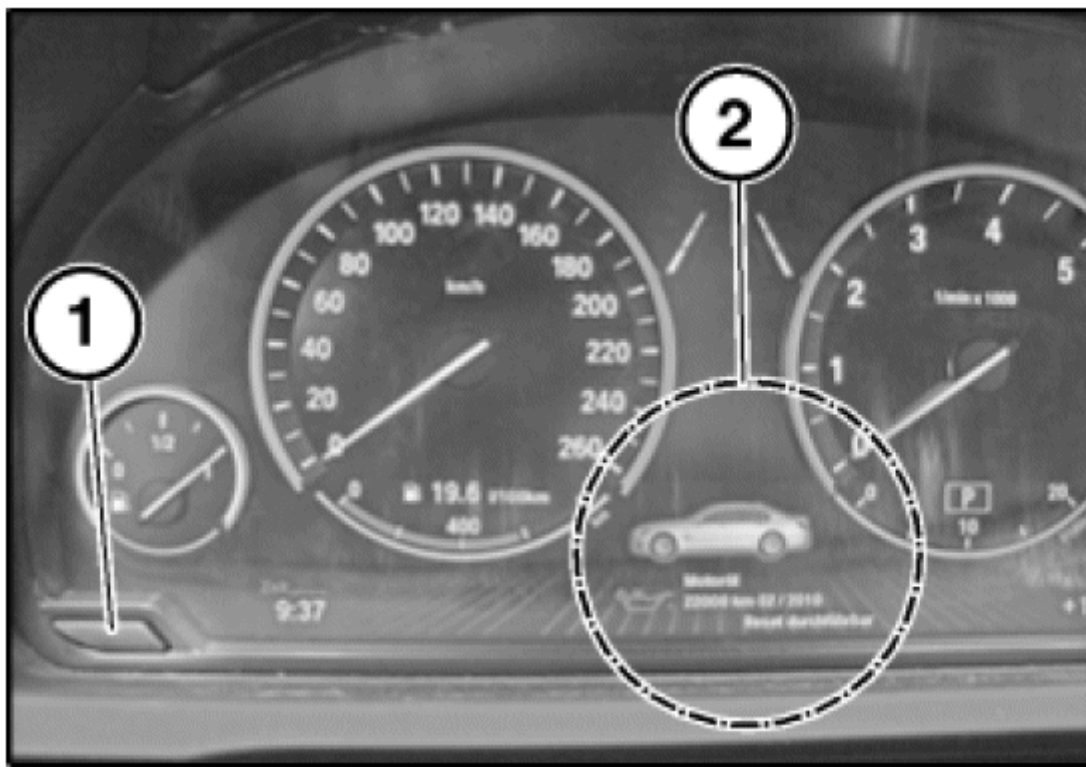


Fig. 10: Identifying Condition Based Service (CBS) Instrument Panel Controls & Display (Typical)
 Courtesy of BMW OF NORTH AMERICA, INC.

TIRE PRESSURE MONITOR SYSTEM (TPMS)

NOTE: If a tire pressure has been adjusted, or a wheel or tire has been changed or replaced, or repairs have been made to air spring suspension, the TPM system must be reinitialized. System must be reinitialized both before and after pulling a trailer.

CAUTION: When driving with snow chains or a space-saver spare tire, DO NOT initialize the system.

NOTE: To determine the appropriate reset procedure, refer to TPMS RESET INDEX. Only vehicles listed in this index have a TPMS reset.

TPMS RESET INDEX

Model & Year	Reset Procedure
1-Series (128i & 135i)	
2008	<u>TPMS Reset - Procedure 6</u>
2009-13	<u>TPMS Reset - Procedure 7</u>
3-Series	

2001-08	<u>TPMS Reset - Procedure 1</u>
2009-13	<u>TPMS Reset - Procedure 7</u>
5-Series	
2001-03	<u>TPMS Reset - Procedure 1</u>
2004-09	<u>TPMS Reset - Procedure 6</u>
2010-13	<u>TPMS Reset - Procedure 7</u>
6-Series	
2004-09	<u>TPMS Reset - Procedure 6</u>
2010-10	<u>TPMS Reset - Procedure 7</u>
2012-13	<u>TPMS Reset - Procedure 7</u>
7-Series	
2002-05	<u>TPMS Reset - Procedure 2</u>
2006-13	<u>TPMS Reset - Procedure 7</u>
ActiveHybrid Series	
2012-13	<u>TPMS Reset - Procedure 7</u>
Alpina	
2007-08	<u>TPMS Reset - Procedure 4</u>
2011-13	<u>TPMS Reset - Procedure 7</u>
M3	
2001-06	<u>TPMS Reset - Procedure 1</u>
2008	<u>TPMS Reset - Procedure 6</u>
2009-13	<u>TPMS Reset - Procedure 7</u>
M5	
2002-03	<u>TPMS Reset - Procedure 3</u>
2006-08	<u>TPMS Reset - Procedure 6</u>
2009-13	<u>TPMS Reset - Procedure 7</u>
M6	
2006-07	<u>TPMS Reset - Procedure 6</u>
2008-10	<u>TPMS Reset - Procedure 7</u>
2012-13	<u>TPMS Reset - Procedure 7</u>
M-Coupe & M-Roadster	
2006-08	<u>TPMS Reset - Procedure 5</u>
X3	
2004-10	<u>TPMS Reset - Procedure 5</u>
2011-13	<u>TPMS Reset - Procedure 7</u>
X5 & X5 M	
2001-05	<u>TPMS Reset - Procedure 1</u>
2006	<u>TPMS Reset - Procedure 5</u>
2007-13	<u>TPMS Reset - Procedure 7</u>
X6 & X6 M	
2008-13	<u>TPMS Reset - Procedure 7</u>

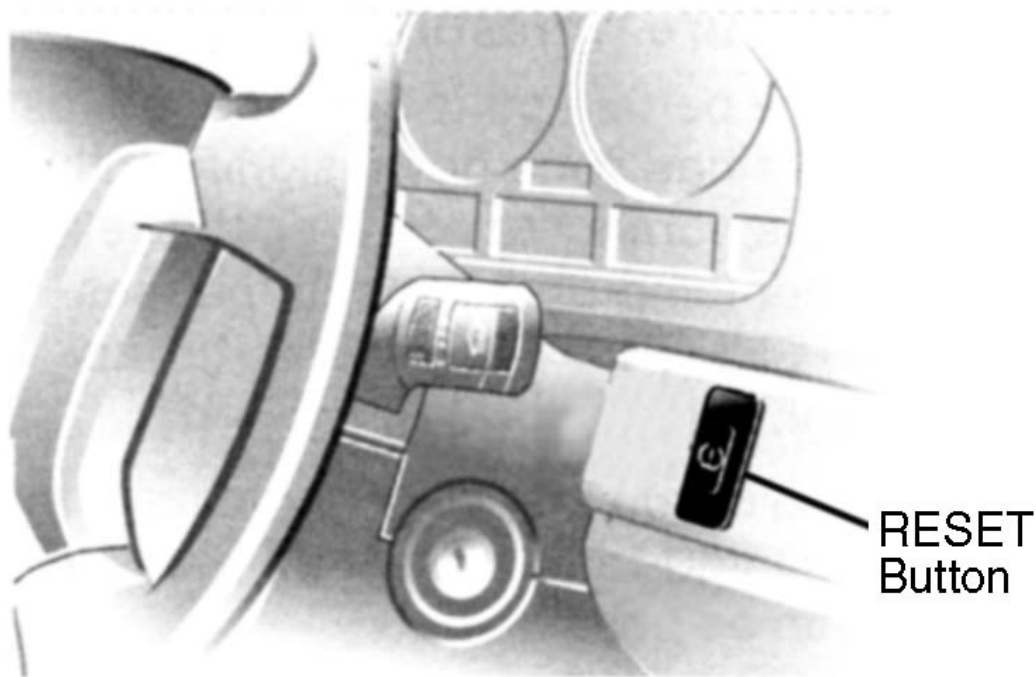
2001-02	<u>TPMS Reset - Procedure 1</u>
Z4	
2003-06	<u>TPMS Reset - Procedure 1</u>
2007-08	<u>TPMS Reset - Procedure 5</u>
2009-13	<u>TPMS Reset - Procedure 7</u>
Z8	
2001-03	<u>TPMS Reset - Procedure 1</u>

TPMS RESET - PROCEDURE 1

1. Set the tire pressure on all wheels to specification.
2. Turn ignition switch to ON position, with engine off.
3. Press reset button (for no longer than 10 seconds) until tire pressure warning light illuminates Yellow for a few seconds. See Fig. 11, Fig. 12, Fig. 13 or Fig. 14 .

NOTE: On some X5 models, the reset button is marked "RDC".

4. Drive vehicle. Initialization is automatically completed during the drive, without any feedback issued.



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Fig. 11: Locating TPM System Reset Button (5-Series)
Courtesy of BMW OF NORTH AMERICA, INC.

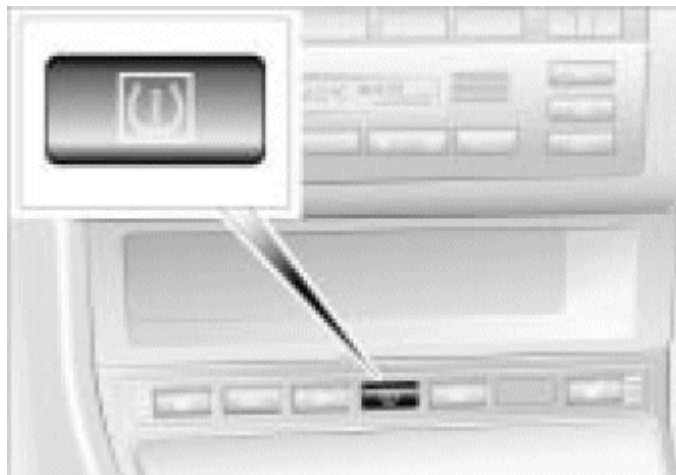
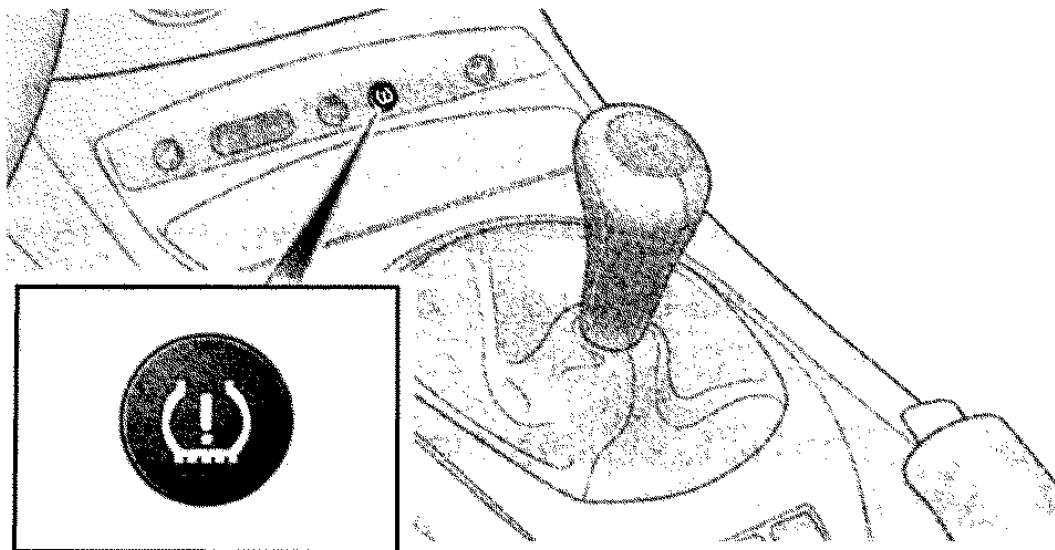
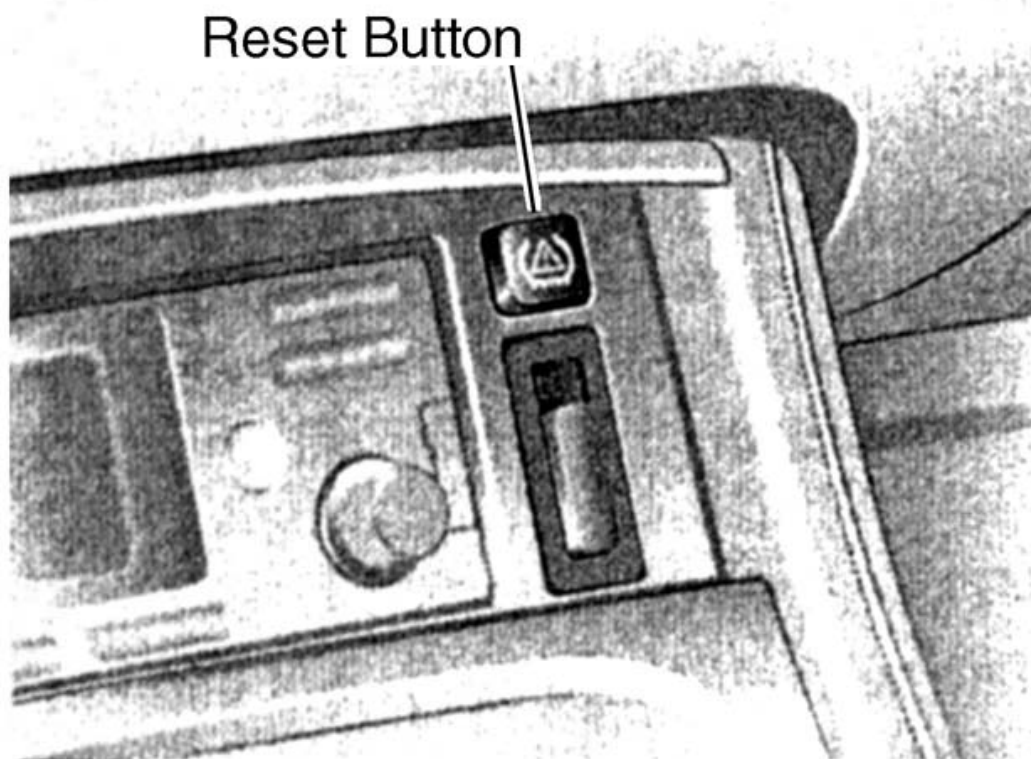


Fig. 12: Locating TPM System Reset Button (3-Series & X5 - Typical)
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 13: Locating TPM System Reset Button (Z4)
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 14: Locating TPM System Reset Button (Z28)
Courtesy of BMW OF NORTH AMERICA, INC.

TPMS RESET - PROCEDURE 2

NOTE: The initialization finishes during driving, which can be interrupted at any time. When driving resumes, the initialization is continued automatically.

1. Set the tire pressure of all wheels to specification.
2. Start engine, but do not start driving.
3. On Control Center, select "RPA" from the "SETTINGS" menu and confirm selection. The initialization menu will appear. See **Fig. 15**.
4. Select "SET" and confirm selection.
5. Drive vehicle. The message "FTM IS BEING INITIALIZED" will be displayed. See **Fig. 16**.

NOTE: It takes at least 10 minutes before the TPM system can detect and report a flat tire.

6. Select counterclockwise left arrow button and confirm to exit from menu.

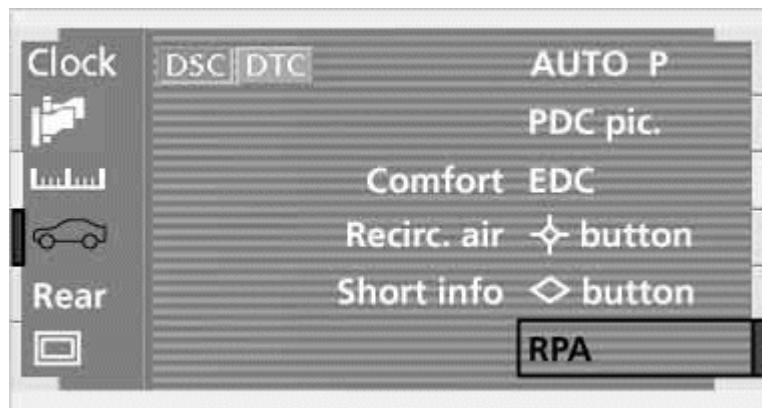


Fig. 15: Identifying TPM System Reinitialization Messages (1 Of 2)
 Courtesy of BMW OF NORTH AMERICA, INC.

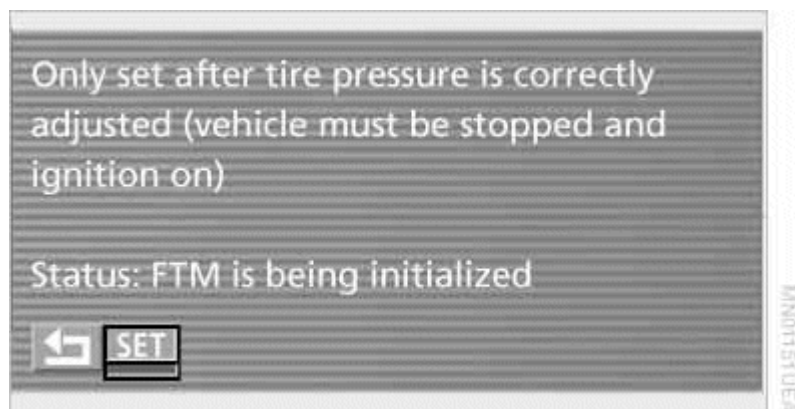


Fig. 16: Identifying TPM System Reinitialization Messages (2 Of 2)
 Courtesy of BMW OF NORTH AMERICA, INC.

TPMS RESET - PROCEDURE 3

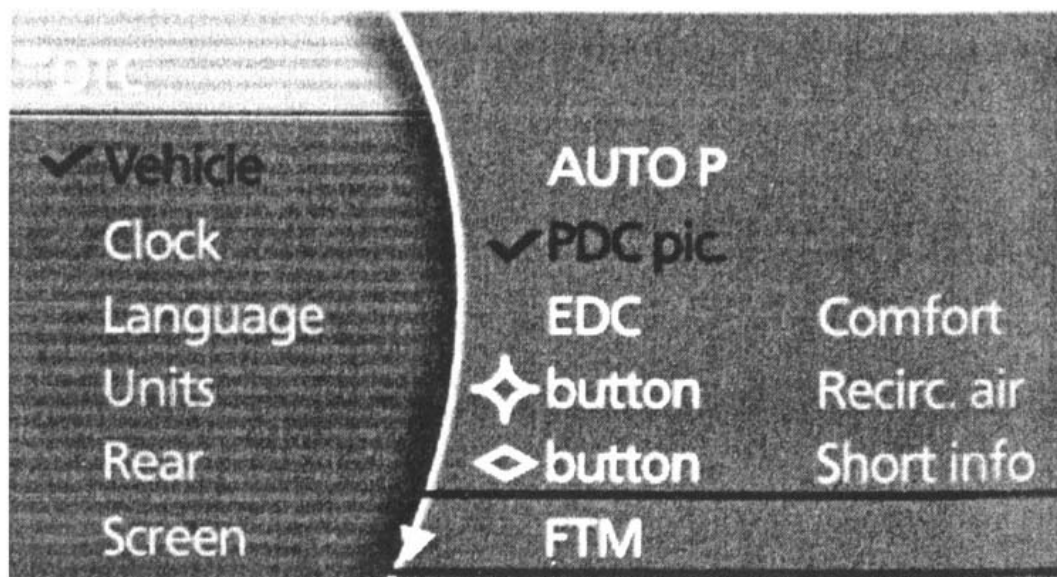
NOTE: The initialization finishes during driving, which can be interrupted at any time. When driving resumes, the initialization is continued automatically.

1. Set the tire pressure of all wheels to specification.
2. Start the engine.
3. Press iDrive knob down once to enter Vehicle Info.
4. Select Settings.
5. Select Vehicle Tires.
6. Select TPM.
7. Select Reset.
8. Scroll to Yes.
9. Select "YES" and press the controller.
10. After selecting Yes, drive vehicle until tires on iDrive screen turn green.

TPMS RESET - PROCEDURE 4

NOTE: The initialization finishes during driving, which can be interrupted at any time. When driving resumes, the initialization is continued automatically.

1. Set the tire pressure of all wheels to specification.
2. Press "MENU" button to open start menu.
3. Open the i-menu of the Control Center.
4. Select "SETTINGS" and press the controller.
5. Select "VEHICLE" and press the controller. See **Fig. 17**.
6. Select "TIRES: TPM" and press controller.
7. Start engine, but do not start driving.
8. Select "RESET" and press the controller.
9. Select "YES" and press the controller.
10. Drive vehicle. The message "RESETTING TPM...." will be displayed. Initialization is automatically completed during the drive. When initialization is complete, "STATUS: TPM ACTIVE" message will be displayed.



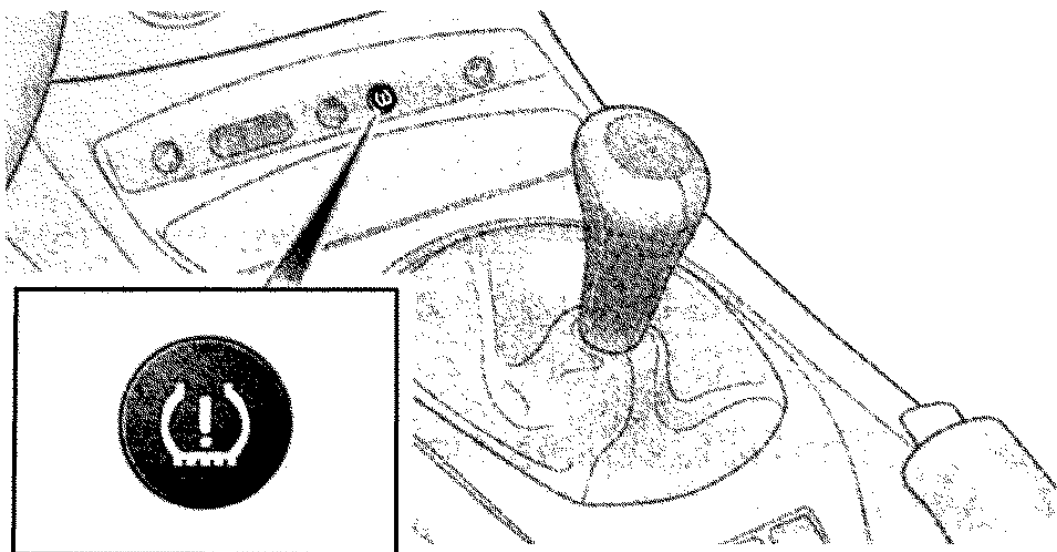
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Fig. 17: Identifying TPM System Reinitialization Messages
 Courtesy of BMW OF NORTH AMERICA, INC.

TPMS RESET - PROCEDURE 5

CAUTION: When driving with snow chains or a space-saver spare tire, DO NOT initialize the system.

1. Set the tire pressure of all wheels to specification.
2. Start engine, but do not start driving.
3. Press reset button (for no longer than 10 seconds) until tire pressure warning light illuminates Yellow for a few seconds. See **Fig. 18**, **Fig. 19**, **Fig. 20** or **Fig. 21**.
4. Drive vehicle. Initialization is automatically completed during the drive, without any feedback issued.



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Fig. 18: Locating TPM System Reset Button (M-Coupe & Roadster)
Courtesy of BMW OF NORTH AMERICA, INC.

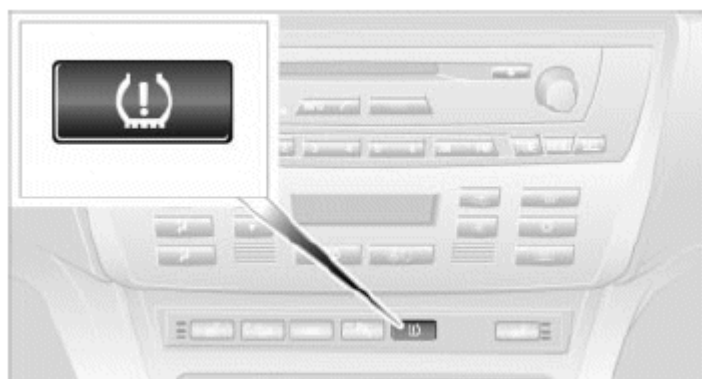
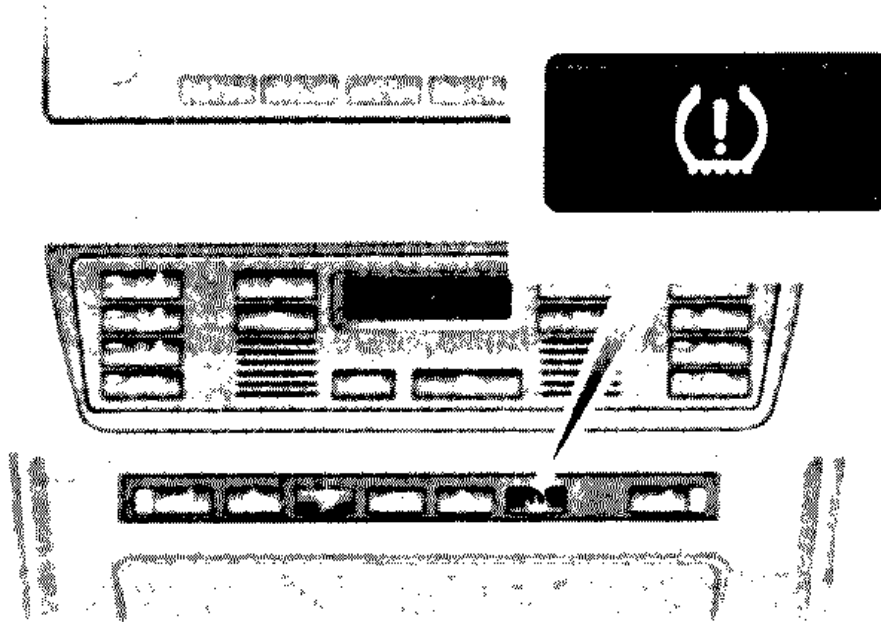
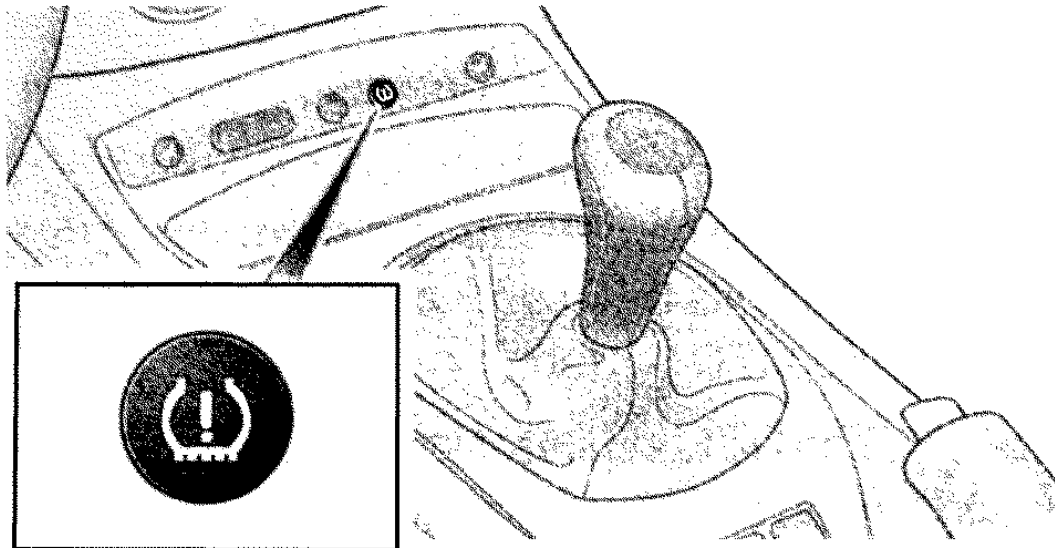


Fig. 19: Locating TPM System Reset Button (X3)
Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 20: Locating TPM System Reset Button (X5)
 Courtesy of BMW OF NORTH AMERICA, INC.



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Fig. 21: Locating TPM System Reset Button (Z4)
 Courtesy of BMW OF NORTH AMERICA, INC.

TPMS RESET - PROCEDURE 6

Resetting TPM With iDrive

1. Set the tire pressure of all wheels to specification.
2. Turn ignition switch ON.
3. Press controller to call up I menu. See **Fig. 22**.
4. Select SETTINGS and press controller.
5. Select CAR/TIRES and press controller.
6. If necessary, switch to top field and select TIRES/RDC and press controller.
7. Start engine.
8. Select CONFIRM TIRE PRESSURE and press controller.
9. Drive vehicle. Initialization is automatically completed during the drive, without any feedback issued.



Fig. 22: Locating TPM System Reset Button (With iDrive)
 Courtesy of BMW OF NORTH AMERICA, INC.

Resetting TPM Without iDrive

1. Set the tire pressure of all wheels to specification.
2. Start engine.
3. Move turn signal lever up or down until TPM warning symbol and RESET appears. See **Fig. 23**.
4. Press BC button on end of turn signal lever to confirm selection.
5. Press and hold BC button for approximately 5 seconds until a CHECK/TICK appears after RESET.
6. Drive vehicle. Initialization is automatically completed during the drive, without any feedback issued.

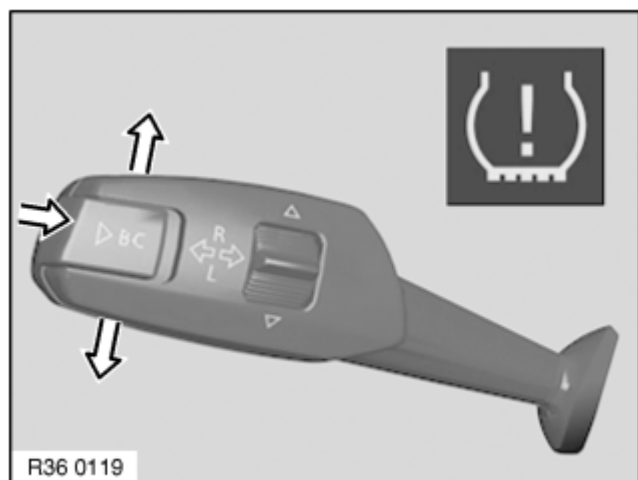


Fig. 23: Locating TPM System Reset Button (Without iDrive)
Courtesy of BMW OF NORTH AMERICA, INC.

TPMS RESET - PROCEDURE 7

With iDrive

Indirect System (Flat Tire Monitor)

CAUTION: Do not initialize the system while snow chains are attached.

NOTE: Each time a tire inflation pressure has been corrected or a wheel or tire has been changed, reset the system.

Initialization:

1. Using the iDrive MENU button, choose:
2. "Vehicle Info"
3. "Vehicle status"
4. "Reset"
5. Start the engine.
6. Start the initialization using "Reset". See **Fig. 24**.
7. Start to drive.

The initialization is completed during driving, which can be interrupted at any time. When driving resumes, the initialization is continued automatically.



Fig. 24: iDrive Showing "Reset" Display
 Courtesy of BMW OF NORTH AMERICA, INC.

Checking FTM Status:

1. Using the iDrive MENU button, choose:
2. "Vehicle Info"
3. "Vehicle status"
4. "Flat Tire Monitor"
5. The status will be displayed. See **Fig. 25**.



Fig. 25: iDrive Showing Tire Monitor Status
 Courtesy of BMW OF NORTH AMERICA, INC.

Direct System (Tire Pressure Monitor)

NOTE: Each time a tire inflation pressure has been corrected or a wheel or tire has been changed, reset the system.

TPMS Status indicator on the Control Display:

The color of the tires represents the status of the tires and the system. TPM takes into account that tire pressures change while the vehicle is being driven. The tire pressures do not need to be corrected unless the TPM instructs you to do so by means of color indicators.

- **Green:** The tire inflation pressure corresponds to the established target value. "TPM active" appears on the Control Display.

- **One Wheel Yellow:** There is a flat tire or substantial loss of tire pressure in the indicated tire. A message appears on the Control Display.
- **All Wheels Yellow:** There is a flat tire or substantial loss of tire pressure in several tires. A message appears on the Control Display.
- **Gray:** The system cannot detect a puncture. Possible reasons for this:
 - TPM is being reset.
 - Temporary malfunction caused by systems or devices using the same radio frequency.
 - Malfunction.

Reset Procedure:

1. Using the iDrive MENU button, choose:
2. "Vehicle Info"
3. "Vehicle status"
4. "Reset"
5. Start the engine. Do not begin driving.
6. Start the reset using "Reset". See **Fig. 24**.
7. Start to drive.
8. The tires are shown in gray and "Resetting TPM..." is displayed.

After driving a few minutes, the set inflation pressures in the tires are accepted as the target values to be monitored. The system reset is completed during your drive, and can be interrupted at any time. When driving resumes, the reset is continued automatically. On the Control Display, the tires are shown in green and "TPM active" is displayed again.

IMPORTANT: If a flat tire is detected while the system is resetting and determining the inflation pressures, all tires on the Control Display are displayed in yellow. The message "Low tire!" is shown.

System Reset Failure:

- **Message For Unsuccessful System Reset:** The warning lamp lights up yellow. A message will appear on the Control Display. Check the tire inflation pressure and reset the system.
- **Malfunction:** The small warning lamp flashes in yellow and then lights up continuously; the larger warning lamp comes on in yellow. On the Control Display, the tires are shown in gray and a message appears. No punctures can be detected. This type of message is shown in the following situations:
 - If there is a malfunction. Have the system checked.
 - If a wheel without TPM electronics has been mounted.
 - If TPM is temporarily malfunctioning due to other systems or devices using the same radio frequency.

Without iDrive

Indirect System (Flat Tire Monitor)

CAUTION: Do not initialize the system while snow chains are attached.

NOTE: Each time a tire inflation pressure has been corrected or a wheel or tire has been changed, reset the system.

Reset:

1. Start the engine.
2. Lightly push button 1 on the turn indicator. See **Fig. 26**.
3. Lever the turn indicator up or down repeatedly until the tire monitor symbol appears in the display, accompanied by the word "RESET". See **Fig. 26**.
4. Press button 2 to confirm your choice of the Flat Tire Monitor.
5. Press button 2 for approx. 5 seconds until the a check mark is shown next to the "RESET" display.
6. Drive the vehicle.

The initialization is completed during driving, which can be interrupted at any time. When driving resumes, the initialization is continued automatically.



Fig. 26: Flat Tire Monitor Status Display
Courtesy of BMW OF NORTH AMERICA, INC.

Direct System (Tire Pressure Monitor)

CAUTION: Do not initialize the system while snow chains are attached.

NOTE: Each time a tire inflation pressure has been corrected or a wheel or tire has been changed, reset the system.

IMPORTANT: The system does not work correctly if it has not been reset; for example, a flat tire may be indicated even though the tire inflation pressures are correct. The system is inactive and cannot indicate a flat tire if a wheel without TPM electronics, such as a compact spare wheel, has been mounted, or if TPM is temporarily malfunctioning due to other systems or devices using the same radio frequency.

Reset:

1. Start the engine.
2. Lightly push button 1 on the turn indicator. See **Fig. 27**.
3. Lever the turn indicator up or down repeatedly until the tire monitor symbol appears in the display, accompanied by the word "RESET". See **Fig. 27**.
4. Press button 2 to confirm your choice of the Tire Pressure Monitor. In the display, "ACTIVE" will appear above "RESET". See **Fig. 27**.
5. Press button 2 for approx. 5 seconds. In the display, "RESETTING" will now appear above "RESET". See **Fig. 27**.
6. Drive the vehicle.

After driving a few minutes, the set inflation pressures in the tires are accepted as the target values to be monitored. The system reset is completed during your drive, and can be interrupted at any time. When driving resumes, the reset is continued automatically. The indicator lamp goes out after the system reset is completed.

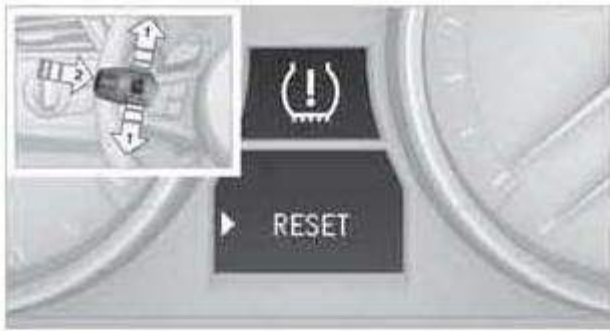


Fig. 27: Tire Pressure Monitor Status Display
Courtesy of BMW OF NORTH AMERICA, INC.

System Reset Failure:

- **Message For Unsuccessful System Reset:** The warning lamp lights up yellow. The system was not reset. Check the tire inflation pressure and reset the system.
- **Malfunction:** The small warning lamp flashes in yellow and then lights up continuously; the larger warning lamp comes on in yellow. On the Control Display, the tires are shown in gray and a message appears. No punctures can be detected. This type of message is shown in the following situations:
 - If there is a malfunction. Have the system checked.
 - If a wheel without TPM electronics has been mounted.
 - If TPM is temporarily malfunctioning due to other systems or devices using the same radio

frequency.

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