



RAND
MCNALLY



TPMS

Tire Pressure Monitoring System

User Manual



FCC Compliance Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and may cause harmful interference to radio communications if not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet that is on a different circuit from the device.
- Consult the dealer or an experienced radio/TV technician for help.

When using the device, ensure that the antenna of the device is at least 20 cm away from all persons.

IC Compliance Statement

This device complies with Part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). 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 the device.

This Class B digital apparatus complies with Canadian ICES-003.

IC Caution

Intentional or unintentional changes or modifications to the equipment not expressly approved by Rand McNally could void the user's authority to operate the equipment.

IC attestation de conformité

Ce dispositif est conforme à la norme FCC Partie 15 et aux norme(s) RSS permis-exempte(s) d'Industrie Canada. L'opération est soumise aux deux conditions suivantes:

1. Ce dispositif ne peut pas provoquer d'interférence nocive et
2. Ce dispositif doit accepter toute interférence reçue, y compris les interférences qui peuvent causer un mauvais fonctionnement du dispositif.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Attention

Les changements ou modifications à l'équipement, que ce soient intentionnelles ou non, non expressément approuvés par Rand McNally pourraient annuler l'autorisation de l'utilisateur à utiliser cet équipement.

Download the TPMS App

Download the app to the device using one of the following methods:

- Go to **randmcnally.com/tpms-app**
- Within the Google Play Store (for Android smartphone users) or the App Store (for iPhone users), search for **RMTTPMS**



NOTE: For Rand McNally devices, the app is also available in the Rand McNally Market.

About Tire Pressure

When you first install the app, it will ask you to specify the correct tire pressure. Check the vehicle owner's manual to find the correct air pressure for your specific tires. For new cars, the tire pressure should also be listed on the tire placard attached to the driver's side door jamb. In older cars, the tire pressure is usually on the rear edge of the passenger door, glove box door, fuel door, trunk lid, or center console lid.

The following chart lists the range of vehicle tire pressures and upper and lower limits of +/-20%.

Max PSI (+20%)	18	30	42	54	66	78	90
PSI	15	25	35	45	55	65	75
Min PSI (-20%)	12	20	28	36	44	52	60

Box Contents

- 1 Receiver
- 2 4 tire sensors
- 3 Vehicle charger with USB cable
- 4 4 locking hex nuts (optional)
- 5 Hex wrench



Install the Tire Sensors

To install the tire sensors:

1. Unscrew the valve cap on the tire inflation stem.
2. Screw the locking nut on to the tire inflation stem. (Optional: The locking nuts prevent the sensors from being removed without the included hex wrench.)
3. Screw the sensor on to the top of its corresponding tire inflation stem. As you screw on each sensor, you will hear a hissing noise as air escapes. Keep tightening to create a seal. Each sensor has an identification label (LF, LR, RF, RR) that corresponds to a specific tire.

LF: left front **RF:** right front

LR: left rear **RR:** right rear

4. Use the wrench to tighten the locking nut up against the sensor.
5. Check for air leaks. Fill a spray bottle with soapy water and spray the area. If there is a leak, air bubbles will escape.
6. Repeat this procedure for the remaining three tires.

Connecting with the TPMS Receiver

To establish a connection between the TPMS receiver and your smartphone, OverDryve™ or other compatible Rand McNally device:

1. Press and hold **SET** on the receiver to turn it on. A blue light will display. The tire sensor status bar will flash red and the transmitter will begin to beep. (The beeping noise will stop after several seconds, but the red light will continue to flash.)
2. Open the app on your device and follow the on-screen instructions.

NOTE: After the receiver is paired with your device, it will automatically connect whenever Bluetooth is enabled and the app is opened.

About the TPMS Receiver

Warnings

The receiver will beep and a red light will flash to alert you to a tire problem.

Silencing

To silence the warning sound, press the SET button. The red light will continue to flash.

Lights

Four lights on the front of the receiver indicate tire status. The light next to the corresponding tire will flash in the event of a tire problem.

The light on top of the receiver indicates Bluetooth connection and charging status. When the receiver is connected and the app is open, a blue light will blink every three seconds. When the receiver is monitoring but Bluetooth is not connected, the blue light is constant but will fade every six seconds. The red light indicates low battery.

About the TPMS Receiver

Dormant state

All lights and warning sounds will turn off in the dormant state, when the receiver does not detect motion.

Charging

The battery is rechargeable. Plug in the vehicle charger and USB cable and connect the micro-USB to the receiver. Power can also pass through the receiver to charge other devices. Simply plug the other USB into the OUT 5V port on the top of the receiver.

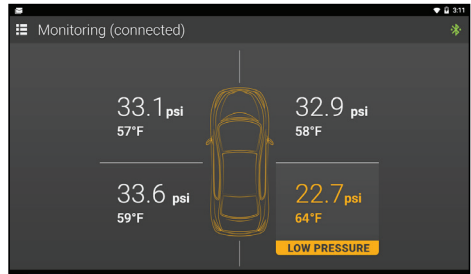
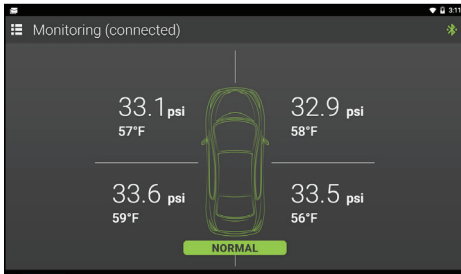
Turning off the receiver

To turn off the receiver, press and hold the SET button till you hear a beep and the lights turn off.

Pressure/Temperature

When the pressure and temperature of each tire are within the limits specified in Settings, the car appears in green, labelled “Normal.”

When there is a low tire or other problem, a descriptive warning appears in orange. Dashes indicate that the receiver is unable to get a signal from the sensor. The sensor may be loose or the battery may need to be replaced. An alert will sound until the problem is corrected.



Replace Sensor Batteries, Ordering Replacement Sensors

Tap **Battery life** in the Menu to view the remaining battery life in the sensors.

To replace a low or dead battery:

1. Unscrew the battery cap from the sensor. You may need to use a small wrench or pliers.
2. Insert a CR1632 3V Lithium coin cell battery into the battery holder with the positive side facing up.
3. Replace the battery cap and reinstall the sensor on the tire.

Ordering replacement sensors

If the sensors are not functioning despite installing new batteries, and they are outside of the warranty period, or if your tire sensors are damaged or stolen, replacement sensors may be purchased at **store.randmcnally.com/tpms-replacement-sensor-single**.

To install the replacement sensors, within the App, look for the menu item related to **Replace Sensors**. Follow the on-screen cues to perform the replacement.

Warnings, End-User License Agreement, and Warranty

Safe Driving Practices

The tire pressure monitoring system is a valuable safety device. However, the tire pressure monitoring system should always be used in combination with your best judgment and common sense while operating your vehicle. Never attempt to adjust or handle the tire pressure monitoring system or any of its accessories while driving. Pull over and park in a safe and legal manner before making any adjustments to or handling the tire pressure monitoring system or any of its accessories.

End-User License Agreement

Rand McNally hereby grants you ("User") a single-user non-exclusive, non-transferable license to use the Rand McNally tire pressure monitoring system (hereinafter referred to as the "product" (including software)) for User's own business or personal use and not for resale or sublicensing.

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WARNING: This product contains chemicals known to the State of California to cause cancer and/or other harm.

Warranty

RM Acquisition, LLC d/b/a Rand McNally warrants that the product, and the component parts thereof, will be free of defects in workmanship and materials for a period of one (1) year from the date of purchase. This warranty may be enforced only by the first consumer purchaser ("Customer"), provided that the product is utilized within the U.S.A. or Canada.

Rand McNally will, without charge, repair or replace (with a new or newly reconditioned unit), at its option, defective products or component parts. For repair or replacement of defective products, Customer must contact Rand McNally at 877-446-4863 for return authorization and instructions. Customer will be required to provide proof of date of first Customer purchase, such as a duplicate copy of the original sales receipt, for the warranty to be valid. The Customer must pay any initial shipping charges required to ship the product for warranty service, but the return charges will be at Rand McNally's expense, if the product is repaired or replaced under warranty.

Warnings, End-User License Agreement, and Warranty

Repairs or replacements have a 90-day warranty. If the product returned is still under its original warranty, then the new warranty is 90 days from the date of repair or replacement or to the end of the original one (1) year warranty, whichever is longer.

This warranty gives the Customer specific rights. Other rights may be available to Customer which vary from state to state.

Exclusions: This limited warranty does not apply: (1) to any product damaged by accident; (2) in the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs; (3) if the serial number has been altered, defaced or removed; or (4) if the owner of the product resides outside of the U.S.A. or Canada.

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Support

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