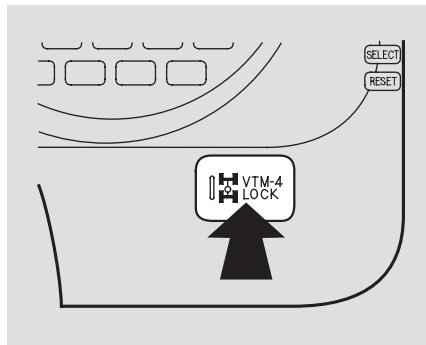


## VTM-4 System



The Variable Torque Management 4WD System (VTM-4) automatically transfers varying amounts of engine torque to the rear wheels under lower traction conditions.

If more traction is needed when your MDX is stuck, or is likely to become stuck, you can use the VTM-4 Lock button to increase torque to the rear wheels.

### To Engage the VTM-4 Lock

1. The vehicle must be stopped with the engine running.
2. Move the shift lever to First (1), Second (2), or Reverse (R) gear.
3. Press the VTM-4 Lock button. The light in the button will come on.

To get unstuck, apply light pressure to the accelerator pedal. Do not spin the front tires for more than a few seconds. Because of the amount of torque applied to the rear tires, they should not spin. This is normal. If you are not able to move the vehicle, stop and reverse direction.

**NOTICE:** Do not use the VTM-4 Lock button on dry, paved roads. Driving on dry, paved roads with VTM-4 Lock ON may damage the rear differential when making a turn. Strange noise and vibration can also result.

### To Disengage the VTM-4 Lock, do one of the following:

- Press the VTM-4 Lock button.
- Move the shift lever to D5, D4 or D3.
- Turn the ignition switch to LOCK (0).

The VTM-4 Lock will temporarily disengage when the vehicle speed exceeds 18 mph (30 km/h). It will automatically engage again as the speed slows below 18 mph (30 km/h). The button light will remain on.

**NOTICE:** Do not continuously spin the front tires of your MDX. Continuously spinning the front tires can cause transmission or rear differential damage.

## Tires Pressure Monitoring System (TPMS)

Your Acura is equipped with a Tire Pressure Monitoring System (TPMS) that turns on every time you start the engine and monitors the pressure in your tires while driving.

Each tire has its own pressure sensor. If the air pressure of a tire becomes significantly low, the sensor in that tire immediately sends a signal that causes the low tire pressure indicator and the appropriate tire on the Tire Pressure Monitor to come on.



### Low Tire Pressure Indicator

When the low tire pressure indicator is lit, one or more of your tires is significantly under-inflated. You should stop and check your tires as soon as possible, and inflate them to the proper pressure as indicated on the vehicle's tire information placard.

Driving on a significantly under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.

Each tire, including the spare should be checked monthly when cold and set to the recommended inflation pressure as specified in the vehicle placard and owner's manual (see page [222](#) ).

Although your tire pressure is monitored, you must manually check the tire pressures monthly.

If you think you can safely drive a short distance to a service station, proceed slowly to the station and inflate the tire to the recommended pressure shown on the driver's doorjamb.

If the tire is flat, or if the tire pressure is too low to continue driving, replace the tire with the compact spare tire.

## Tires Pressure Monitoring System (TPMS)

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### Tire Pressure Monitor

The appropriate tire indicator and Low Tire Pressure Indicator will come on if a tire becomes significantly underinflated. Follow the instructions under “Low Tire Pressure Indicator”.

### TPMS Tire Pressure Monitoring System (TPMS) Indicator

The indicator comes on and stays on when there is a problem with the Tire Pressure Monitoring System.

If this happens, the system will shut off and no longer monitor tire pressures. Have the system checked by an Acura dealer as soon as possible.

### Changing the Tire with TPMS

If you have a flat tire, the Low Tire Pressure and Tire monitor indicators will come on. Replace the indicated flat tire with the compact spare tire (see page [231](#)).

Each wheel is equipped with a tire pressure sensor mounted inside the tire behind the valve stem. You must use TPMS specific wheels. It is recommended that you always have your tires serviced by your Acura dealer or qualified technician.

After you replace the flat tire, the Low Tire Pressure indicator will stay on. This is normal; the system is not monitoring the spare tire pressure. Manually check the spare tire pressure to be sure it is correct.

Never use a puncture-repairing agent in a flat tire. If used, you will have to replace the tire pressure sensor. Have the flat tire repaired by an Acura dealer as soon as possible.