

# TIRE ROTATION PATTERNS

The purpose of regularly rotating tires is to prolong their useful life by achieving more uniform wear for all tires on a vehicle. Before rotating tires, always consult the owner's manual for rotation recommendations for specific vehicles. If no rotation period is specified, tires should be rotated every 6,000 to 8,000 miles or at any sign of uneven wear. The first rotation is most important.

Rotating the tires as recommended by the vehicle or tire manufacturer will help even out the amount of wear on each tire and extend the life of the entire set. **Also note that some kinds of tires cannot be rotated in the manners as shown.** Such tires include uni-directional tires and tires with asymmetric tread designs. Also, some vehicles may have different sized tires mounted on the front and rear axles, and these different sized tires have rotation restrictions. Check the owner's manual for the proper rotation recommendations for these special cases.

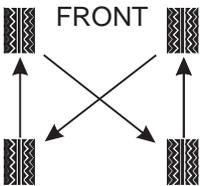
When tires are rotated, the inflation pressures must be adjusted for the tires' new positions in accordance with the actual loads on that wheel position and the vehicle manufacturer's recommendations.

Underinflated or overinflated tires may result in poor handling, uneven treadwear, and increased fuel consumption. If the tires show uneven wear, ask the service person to check for and correct any misalignment, imbalance, or other mechanical problem before rotation.

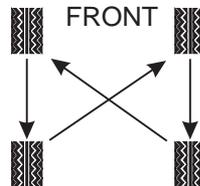
## PASSENGER CAR & LIGHT TRUCK TIRE ROTATION PATTERNS

Only Where Tires Are Same Type and Size

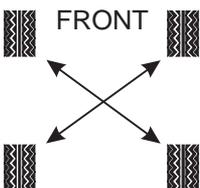
Rear- and Four-  
Wheel-Drive Vehicles



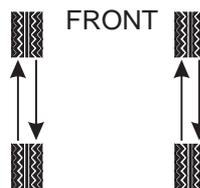
Front-Wheel-Drive  
Vehicles



All Vehicles



All Vehicles

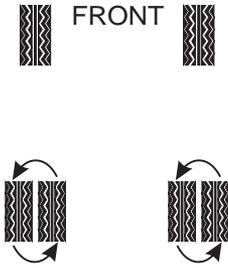


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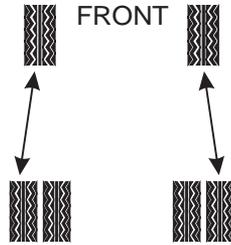
## VEHICLES WITH DUAL REAR WHEELS TIRE ROTATION PATTERNS

Only Where Tires Are Same Type and Size

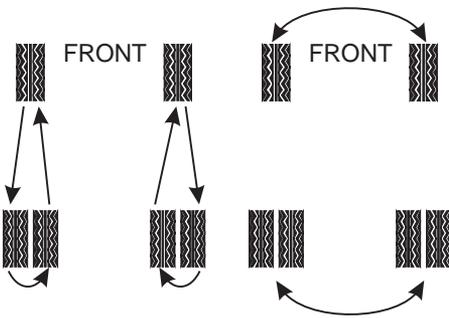
**Rear Tire  
Irregular Wear**



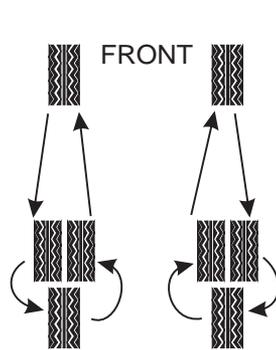
**Front Tire  
Irregular Wear**



**Six-Tire Rotation**



**Eight-Tire Rotation**



Do not include "Temporary Use Only" spare tire in any of these rotation patterns. If the vehicle owner has a regular tire as a spare and wishes to include it in the tire rotation process, the proper procedure is as follows:

Use one of the four tire rotation patterns, but insert the full-size spare in the right rear position, and place the tire which would have gone to the right rear position in the trunk as a new spare.