WHAT YOU NEED TO KNOW:
TIRE WEAR AND ROTATION AS PREVENTATIVE MAINTEANCE

Regular tire inspection should be considered as standard preventative maintenance. Inspect for irregular tire wear and possible alignment issues before they become a major repair. Never delay a tire replacement and always put safety first.

DIAGNOSTIC TIPS FOR TREAD WEAR PATTERNS:

TOE WEAR



Feathered inner or outer tread wear:

- Check vehicle alignment

CAMBER WEAR



Smooth uneven inner or outer tread wear:

- Check vehicle alignment

CENTER WEAR



Thinning center tire tread wear:

- Check for possible over-inflation

EDGE WEAR



Thinning inner and outer tread wear:

- Check for possible under-inflation

PATCH WEAR



Patchy tread wear or flat spots:

- Check wheel balance

CUPPING WEAR



Diagonal “scalloped” tread wear:

- Inspect/replace bent/out-of-spec suspension, steering and/or wheel end components
- Check vehicle alignment

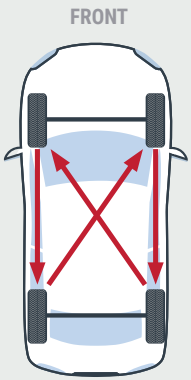
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TIRE ROTATION

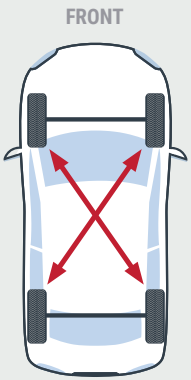
Rotating the position of tires on a vehicle equalizes natural wear patterns and is an opportunity to inspect for irregular tire wear and possible alignment issues.

Rotation patterns depend on varying factors: directional or nondirectional tires, staggered fitment, a full or mini-sized spare and if the vehicle is front-wheel, rear-wheel or all-wheel drive. The below outlines common nondirectional tire rotation patterns but ensure to verify the factory service manual for vehicle specific information. This is especially important if the vehicle features a staggered setup or directional tires.

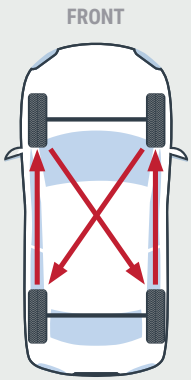
NON-DIRECTIONAL PATTERNS



Forward Cross
Front-wheel drive vehicles

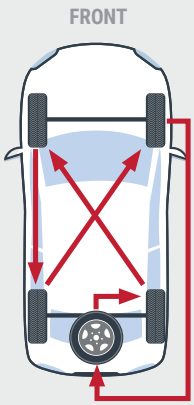


X-Pattern
Front, rear and four-wheel drive vehicles

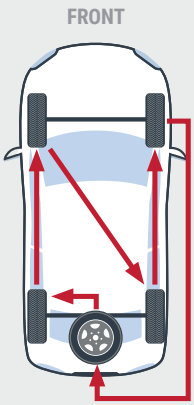


Rearward Cross
Rear and four-wheel drive vehicles

NON-DIRECTIONAL WITH SPARE



Forward Cross
Front-wheel drive vehicles with full-size matching spare



Rearward Cross
Rear and four-wheel drive vehicles with full-size matching spare

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