

# INTERPRETING TREAD WEAR PATTERNS

## TOE WEAR

Alignment problem



THIN INNER OR OUTER EDGE

## CAMBER WEAR

Alignment problem



EXAGGERATED INNER OR OUTER EDGE WEAR

## CENTER WEAR

Over inflation



THIN TREAD IN THE CENTER OF TIRE

## EDGE WEAR

Under inflation



THIN TREAD WEAR ALONG TIRE EDGES

## PATCH WEAR

Out of balance



PATCHY TREAD WEAR OR FLAT SPOTS

## CUP WEAR

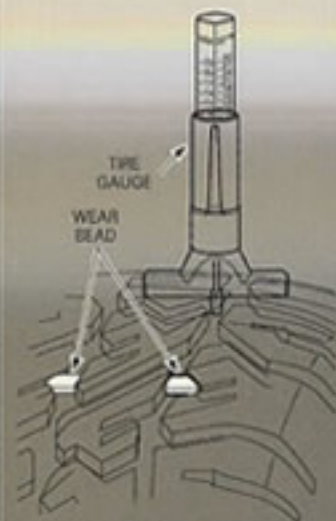
Bent or worn out suspension component



DIAGONAL "SCALLOPED" TREAD WEAR

## MEASURING NORMAL TREAD WEAR

A tire depth gauge is used to measure remaining tire tread. Worn tires should be replaced when  $2/32"$  of tread depth remains, or when the tire's "wear bead" is visible. In most states it is illegal to drive with less than  $2/32"$  remaining tread depth.



### NOTE:

Measure tread wear away from "wear bead"

**VOLVO**

# KNOW YOUR TIRES



## PASSENGER

The most common type of tires sold. They feature long life with a quiet tread pattern and are designed for a smooth ride.

- All-season traction and good tread life.
- Higher aspect ratios (tire height) for a softer ride.
- Can be used on light trucks for smoother ride.



## PERFORMANCE/ TOURING

Combine characteristics of performance tires and the added advantages of long mileage with a smooth, comfortable ride.

- "Softer" sidewalls for a combination of performance and ride comfort.
- Higher speed ratings.
- All-season applications mean faster response and improved cornering (vs. passenger tires).



## PERFORMANCE

Provide the highest level of tire technology for enhanced handling under demanding circumstances.

- Grip the road for excellent dry traction.
- Shorter braking distances.
- Improved heat dissipation.
- Quicker acceleration and superior handling.



## WINTER

Designed to enhance performance in the toughest winter driving conditions.

- "Aggressive" tread design for improved traction in rain, snow and foul weather.
- Enhances braking, handling and evasive action moves in all kind of weather.

To get the best performance from a Volvo vehicle, the correct tires need to be selected. To ensure you select the correct tire, consider these questions:

- Did you like the way your last set of tires handled?
- Did you like the look of your last set of tires?
- Were you pleased with how long your last set of tires lasted?
- Do you frequently carry heavy loads?
- Do you do a lot of driving on snowy or icy roads?
- Do you often drive on dirt or gravel roads?
- How many miles do you drive per year?

After answering these questions, use the guide to the right to help with the tire selection process.

# VOLVO

