

# TYRE POSITION and HANDLING

## WHY FIT NEW OR THE LEAST WORN TYRES TO THE REAR?

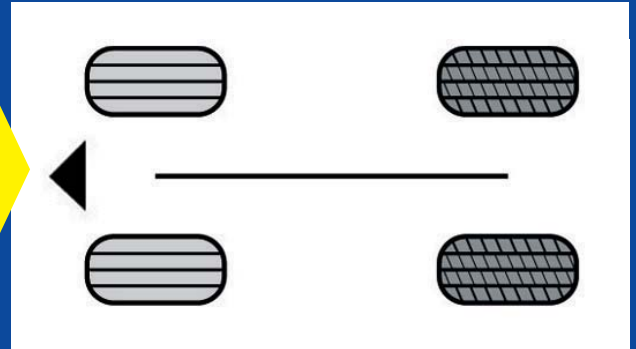
New or the least worn tyres should be fitted to the rear to ensure that vehicle stability is maintained in extreme conditions of braking and cornering, especially on wet or slippery roads and to provide additional protection against the effects of a sudden deflation.

This advice applies to both front and rear wheel drive vehicles.

Most modern vehicles being front wheel drive, the front tyres wear faster than the rear tyres.

The driver is used to having less grip at the front as the tyres wear towards replacement.

## FRONT TYRES WORN OUT

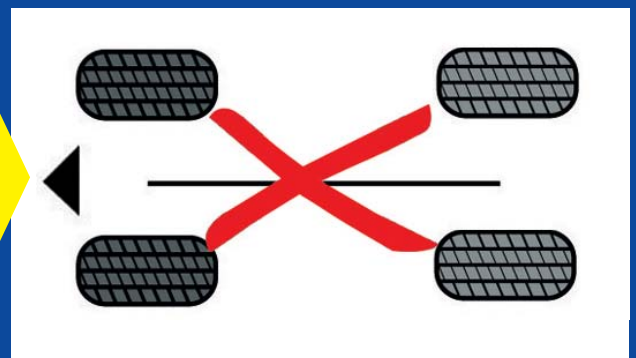


## IF FOLLOWING THIS ADVICE, DO NOT FORGET:

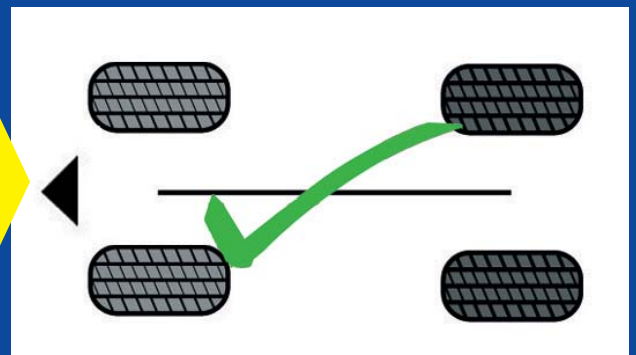
- If all four tyres are quite worn, consider replacing the full set.
- If moving tyres from one axle to another pressures should be adjusted to suit the new positions, thus maintaining the handling, balance and safety of the vehicle.
- We recommend that tyres on 4x4 vehicles are used in identical sets of four. However, the vehicle manufacturers' recommendations should be followed.
- In the case of different front and rear tyre sizes. The advice about moving tyres from one axle to another cannot be applied. However having the least worn tyres on the rear will still produce more stable handling characteristics in slippery conditions.

- The car's handling characteristics will change and the driver could be taken by surprise - where previously there was a tendency to understeer, the car could tend to oversteer in extreme conditions.
- On slippery roads, initial loss of grip will be on the rear axle, leading to oversteer, which can be more difficult to control than understeer.

## NEW TYRES FITTED TO FRONT



## NEW TYRES FITTED TO REAR



- The handling characteristics will be similar to those to which the driver is accustomed.
- There will be maximum grip on the rear axle - a safer and more stable condition.