

MAR 2011

## ON-VEHICLE SERVICE

### Checking of Tire Inflation Pressure

Check the inflation pressure of the tires.

If it is not within the standard value, make the necessary adjustment.

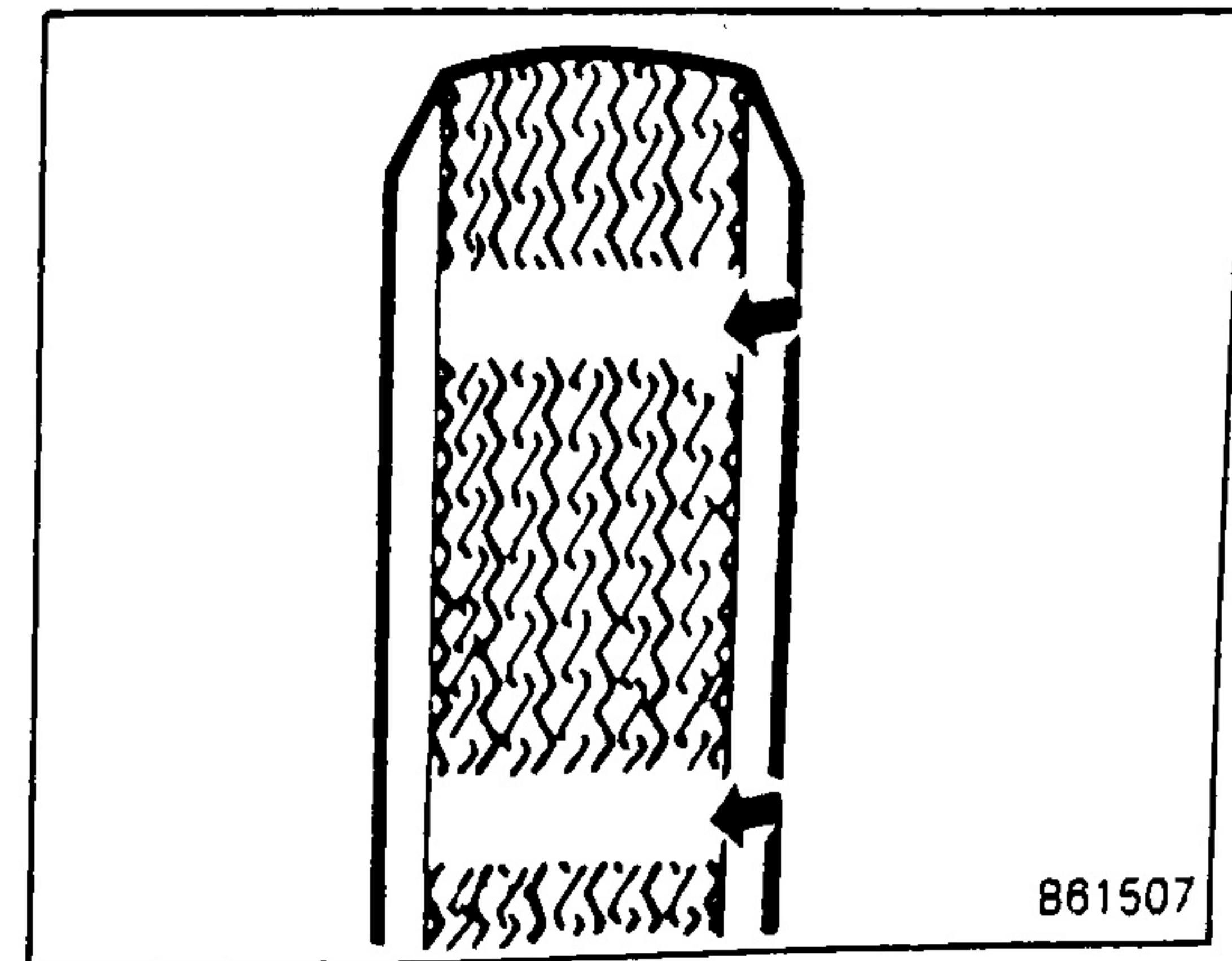
### Checking of Tire Wear

Measure the tread depth of tires.

If the remaining tread depth is less than the limit, replace the tire.

#### NOTE

When the tread depth of tires is reduced to 1.6 mm or less, wear indicators will appear.



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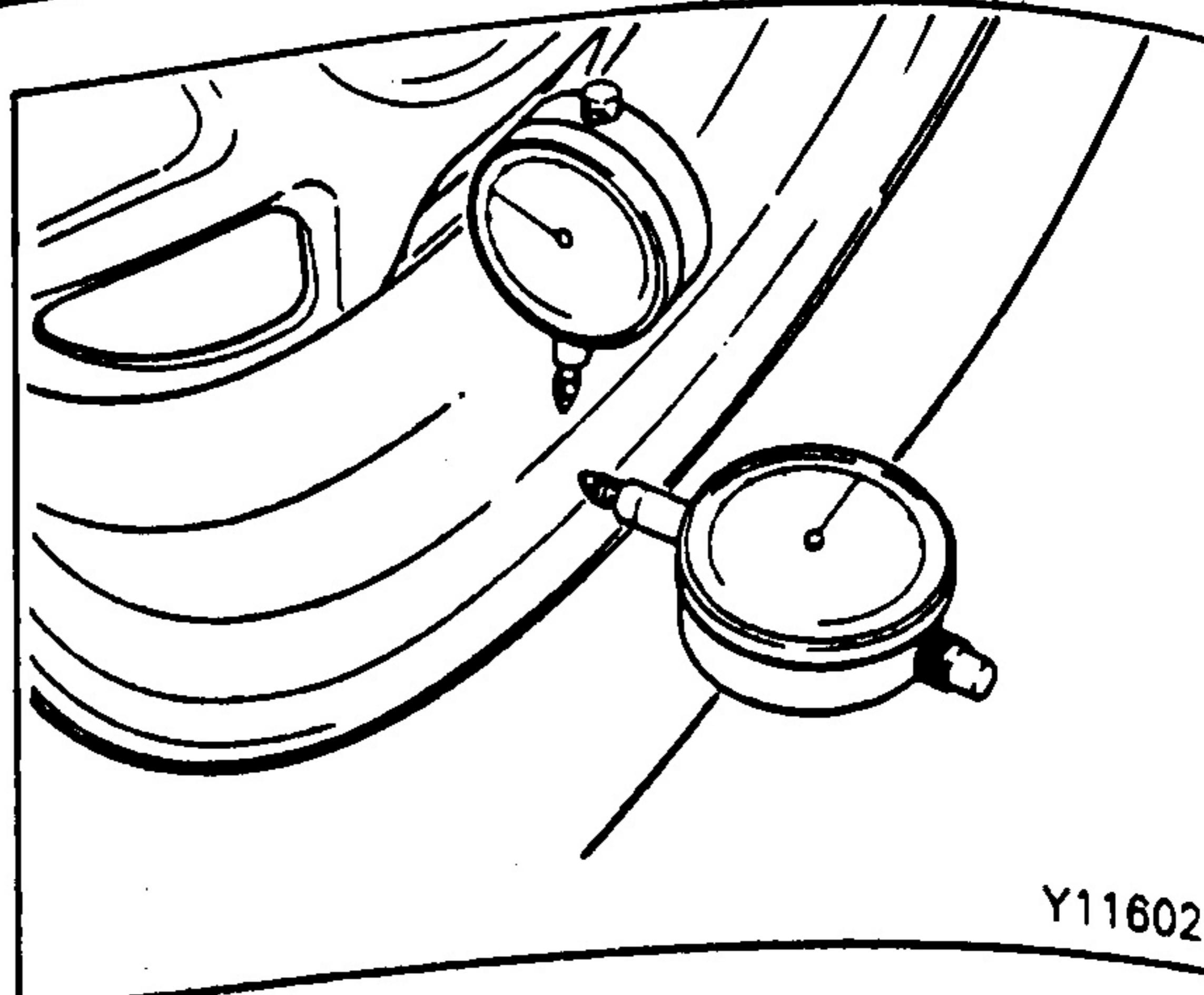
## GENERAL

### Checking of Wheel Runout

Jack up the vehicle so that the wheels are clear of the floor.

While slowly turning the wheel, measure wheel runout with a dial indicator.

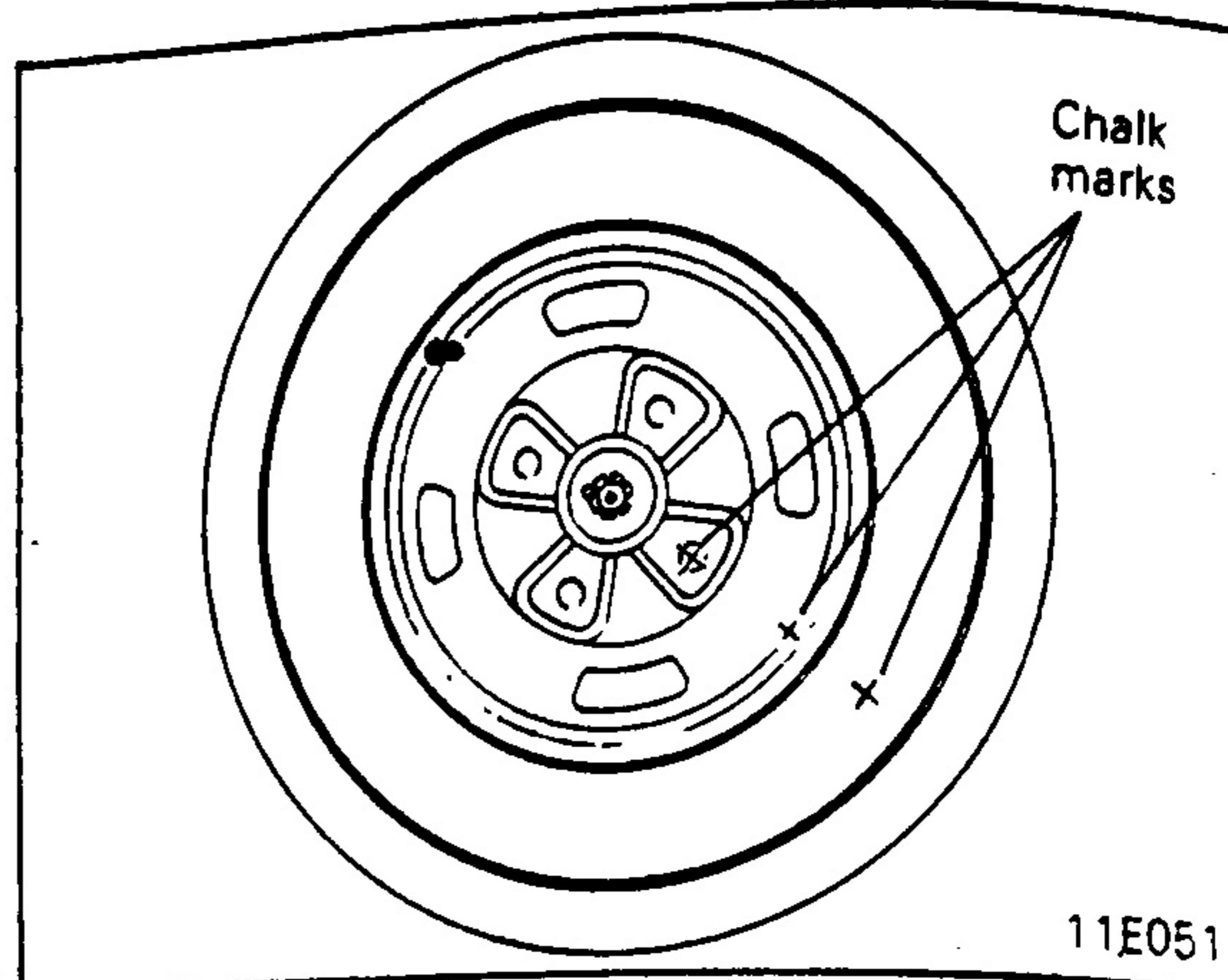
If wheel runout exceeds the limit, replace the wheel.



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### Simple method to reduce runout

- (1) Make chalk marks on the tire sidewall, wheel and stud, before removing the tire from the wheel.
- (2) Remove the tire from the wheel and remount the wheel on the drum in the former position.
- (3) Check the radial and lateral wheel runout. They should be no more than standard dimensions.
- (4) If the point of greatest wheel runout is near the original chalk mark, remount the tire, so that the chalk mark is 180 degrees from the original mark. Recheck tire runout.

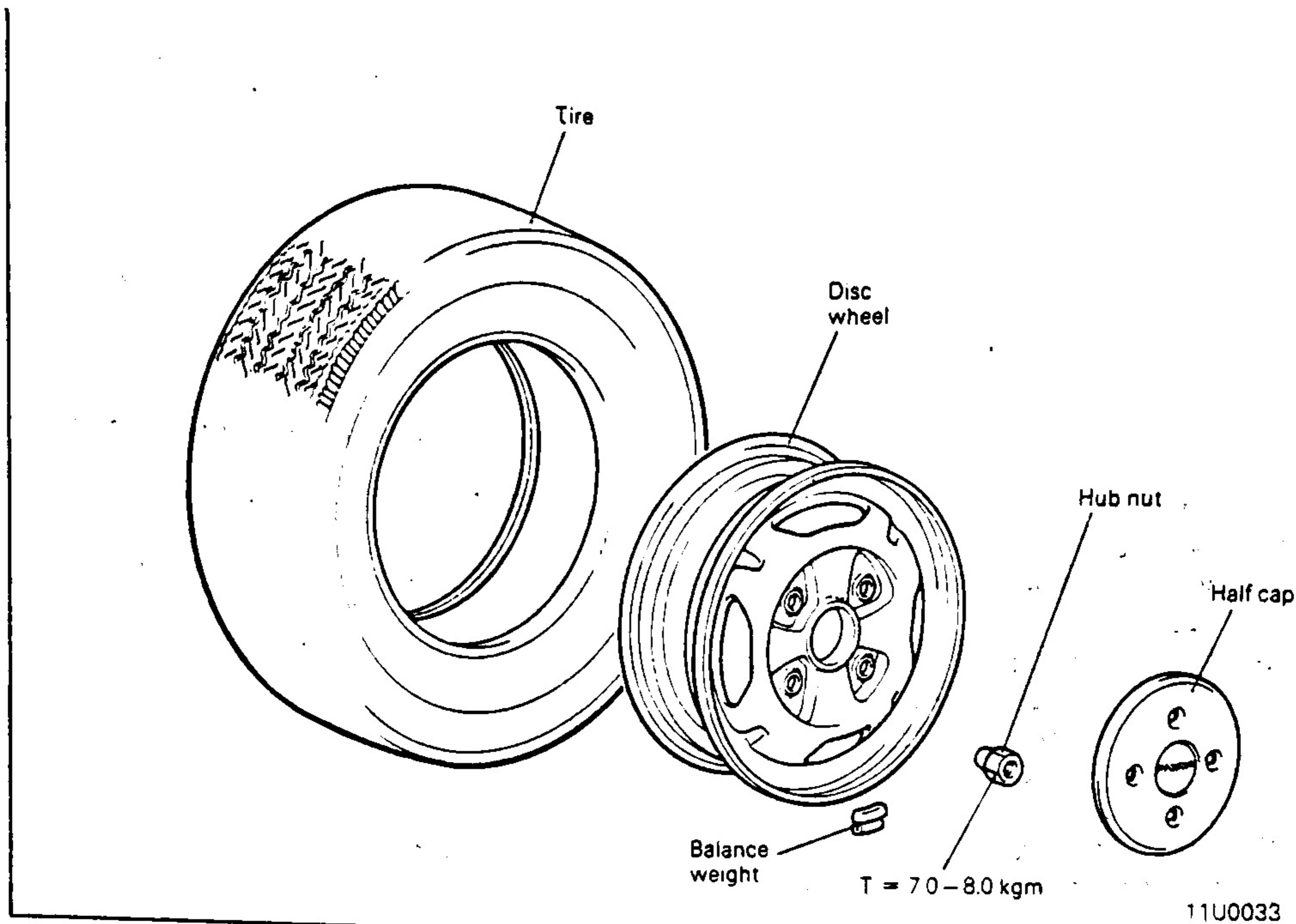


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# WHEELS



## COMPONENTS



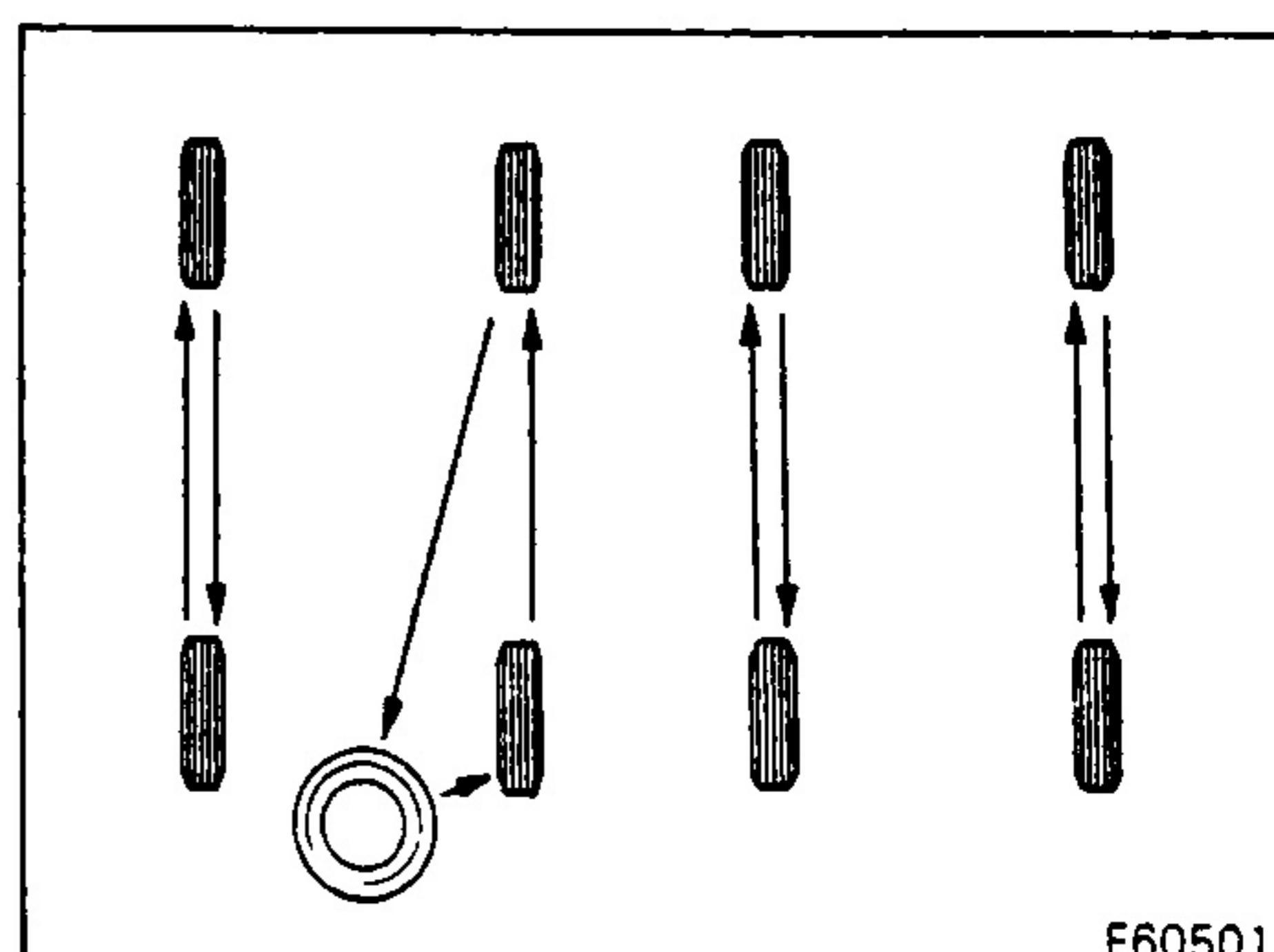
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## WHEEL ROTATION

Rotate the wheels in the following patterns in order to equalize tire wear.

### NOTE

If the spare wheel is of a different type from the other four wheels, the four-wheel rotation method (without including the spare wheel) should be used.



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