

GENERAL INFORMATION

Both steel type and aluminium type wheels have been adopted. The type of wheel used depends on the vehicle model.

| | | | | |
|------------------|--------------------------|---------------------------|---------------------------|---------------|
| Tyre Size | 205/65R15 95H | 215/60R16 95H | 215/60R16 95H | 225/50R17 94V |
| Wheel Size | 15x6J (St) 16x6J (Al) | 16x6J (Al) | 16x7J (Al) | 17x7J (Al) |
| Spare Wheel Size | 15x6J (St) | 16x6J (Al)* 16x6J (St) | 16x7J (Al)* 16x6J (St) | 17x7 (Al) |

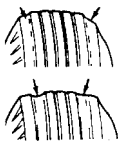
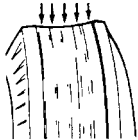
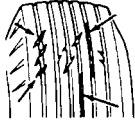
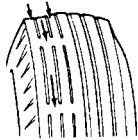
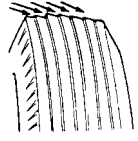
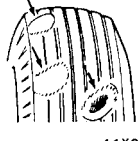
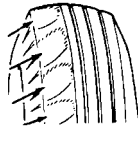
* Indicates where fitted

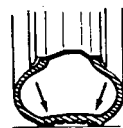
SERVICE SPECIFICATIONS

| Items | | | Limit |
|--------------------------|-----------------------|-------------------|-----------------------|
| Wheel runout mm | Average radial runout | Steel wheel | 0.5 or less |
| | | Aluminium wheel | 0.3 or less |
| | Lateral runout | Steel wheel | 1.0 or less |
| | | Aluminium wheel | 0.3 or less |
| Tyre runout mm | Radial runout | | 1.0 or less |
| | Lateral runout | | 1.3 or less |
| Tyre and Wheel runout mm | Radial runout | Steel wheel | 1.5 or less |
| | | Aluminium wheel | 1.3 or less |
| | Lateral runout | Steel wheel | 2.5 or less |
| | | Aluminium wheel | 1.7 or less |
| Tread depth of tyre mm | | | 1.6 |
| Maximum imbalance | | Steel – 120 grams | Aluminium – 120 grams |

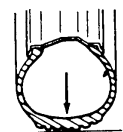
NOTE: Tyre pressure and rim combinations are covered by Australian Design Rules. Approved combinations for each vehicle are listed on the tyre placard. Any deviation from these specifications, requires approval by State Registration Authorities prior to installation or the vehicle may subsequently be refused registration.

TROUBLESHOOTING

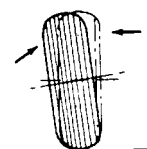
| Symptom | Probable cause | | Remedy |
|-------------------------|--|---|---|
| Rapid wear at shoulders |  11X0109 | Under-inflation or lack of rotation | Adjust the tyre pressure. |
| Rapid wear at centre |  11X0110 | Over-inflation or lack of rotation | Adjust the tyre pressure. |
| Cracked treads |  11X0111 | Under-inflation | Adjust the tyre pressure. |
| Wear on one side |  11X0112 | Excessive camber | Inspect the camber. |
| Feathered edge |  11X0113 | Incorrect toe-in | Adjust the toe-in. |
| Bald spots |  11X0114 | Unbalanced wheel | Adjust the imbalanced wheels. |
| Scalloped wear |  11X0115 | Lack of rotation of tyres wheels out-of-alignment or worn suspension. | Rotate the tyres, inspect the front suspension and wheel alignment. |



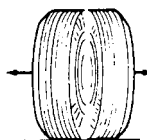
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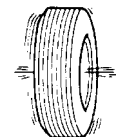
11X0117



11X0118



11X0119



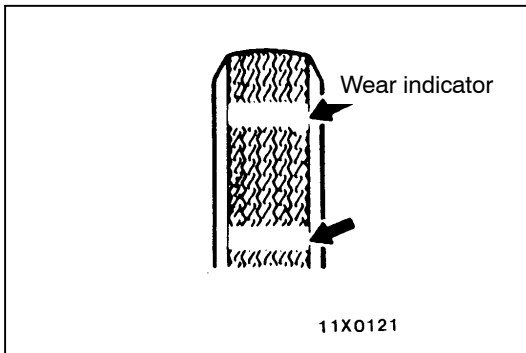
11X0120

ON-VEHICLE SERVICE

TYRE INFLATION PRESSURE CHECK

NOTE

Refer to the tyre placard located at the base of the right hand 'B' pillar.



TYRE WEAR CHECK

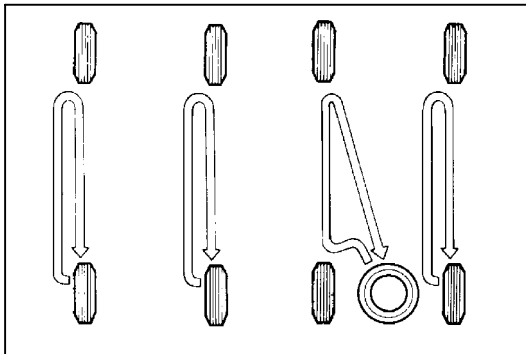
Measure the tread depth of tyres.

Limit: 1.6 mm

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

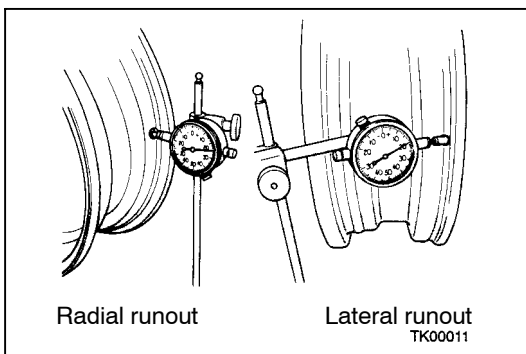
NOTE

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



TYRE ROTATION

Slightly accelerated tyre wear may be experienced on the front wheels of 2WD vehicles. Tyre wear can be minimised on both 2WD and AWD vehicles, with accurate front and rear wheel alignment, correct tyre inflation pressures and careful driving habits. However if it is deemed necessary to rotate the tyres use the sequence shown in the illustration.



WHEEL RUNOUT CHECK

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.

Limit:

Radial runout.

Steel wheel; 0.5mm

Aluminium wheel; 0.3mm

Lateral runout.

Steel wheel; 1.0mm

Aluminium wheel; 0.3mm

If wheel runout exceeds the limit, replace the wheel.

WHEEL AND TYRE

WHEEL AND TYRE REMOVAL AND INSTALLATION

Tighten the wheel nut to the specified torque.

Tightening torque: 90–110 Nm