
WHEEL AND TYRE

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31-2 WHEEL AND TYRE – General Information/Service Specifications

GENERAL INFORMATION

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

A compact spare tyre has been adopted as the spare tyre in some models.

Items		L.H. drive vehicles	R.H. drive vehicles
Wheel	Type	Steel type Aluminium type*	Steel type Aluminium type*
	Size	13 × 5.00B 13 × 5JJ*	13 × 5.00B 13 × 5JJ*
	Amount of wheel offset mm	46	46
	Pitch circle diameter (P.C.D.) mm	100	100
Tyre	Size	175/70 R13 82H	175/70 R13 82H
Spare wheel	Type	Steel type	Steel type
	Size	14 × 4.0T 13 × 5.00B*	13 × 5.00B
	Amount of wheel offset mm	46	46
	Pitch circle diameter (P.C.D.) mm	100	100
Spare tyre	Size	T105/70 D14 (High pressure) 175/70 R13 82H*	175/70 R13 82H

NOTE

*: Optional items

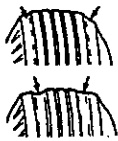
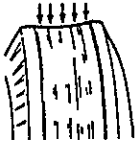
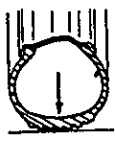
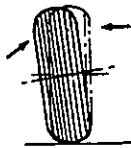
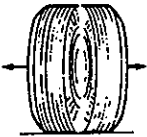
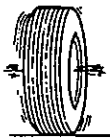
SERVICE SPECIFICATIONS

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Items		Limit
Tread depth of tyre mm		1.6
Wheel runout (Radial runout) mm	Steel wheel	1.2 or less
	Aluminium wheel	1.0 or less
Wheel runout (Lateral runout) mm	Steel wheel	1.2 or less
	Aluminium wheel	1.0 or less

TROUBLESHOOTING

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Symptom		Probable cause		Remedy	Reference page
Rapid wear at shoulders	 11X0109	Under-inflation or lack of rotation	 11X0116	Adjust the tyre pressure.	31-4.
Rapid wear at centre	 11X0110	Over-inflation or lack of rotation	 11X0117		
Cracked treads	 11X0111	Under-inflation		Adjust the tyre pressure.	31-4.
Wear on one side	 11X0112	Excessive camber	 11X0118	Inspect the camber.	Refer to GROUP 33A – On-vehicle Service.
Feathered edge	 11X0113	Incorrect toe-in	 11X0119	Adjust the toe-in.	
Bald spots	 11X0114	Unbalanced wheel	 11X0120	Adjust the imbalanced wheels.	–
Scalloped wear	 11X0115	Lack of rotation of tyres or worn or out-of-alignment suspension		Rotate the tyres and check the front suspension alignment.	Refer to GROUP 33A – On-vehicle Service.

ON-VEHICLE SERVICE

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TYRE INFLATION PRESSURE CHECK**NOTE**

For information on tyre inflation pressure, refer to the label attached at the driver's side to the centre pillar.

TYRE WEAR CHECK

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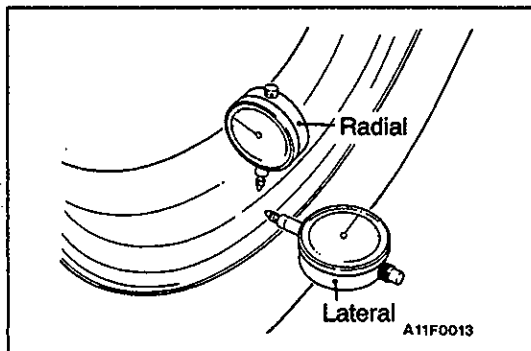
Measure the tread depth of tyres.

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.

**WHEEL RUNOUT CHECK**

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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:

Item	Steel wheel	Aluminium wheel
Radial runout mm	1.2	1.0
Lateral runout mm	1.2	1.0

If wheel runout exceeds the limit, replace the wheel.

WHEEL AND TYRE

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INSTALLATION SERVICE POINT

Tighten the wheel nut to the specified torque.

Tightening torque: 98 Nm