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# WHEEL AND TYRE

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31109000120

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## 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		EA2ASNJEQL6, WLNJEQL6	EA2ASNHEQL6, ASRHEQL6, WLNHEQL6, WLRHEQL6	EA5ASNGEQL6, ASRGEQL6, WLNGEQL6, WLRGEQL6
Wheel	Type	Steel type Aluminium type*	Steel type Aluminium type*	Aluminium type
	Size	14 × 5 1/2 JJ	14 × 5 1/2 JJ 15 × 6 JJ*	15 × 6 JJ
	Amount of wheel offset mm	46	46	46
	Pitch circle diameter (P.C.D.) mm	114.3	114.3	114.3
Tyre	Size	195/65R14 89 V	195/65R14 89 V 195/60R15 88 V*	195/60R15 88 V 205/60R15 91 V*
Spare wheel	Type	Steel type	Steel type	Steel type
	Size	15 x 4.0T 14 x 5 1/2 JJ*	15 x 4.0T 14 x 5 1/2 JJ* 15 x 6 JJ*	15 x 4.0T 15 x 6 JJ*
	Amount of wheel offset mm	46	46	46
	Pitch circle diameter (P.C.D.) mm	114.3	114.3	114.3
Spare tyre	Size	T125/70D15 (High pressure) 195/65R14 89V*	T125/70D15 (High pressure) 195/65R14 89V* 195/60R15 88V*	T125/70D15 (High pressure) 195/60R15 88V* 205/60R15 91 V*

## NOTE

\*: Optional items

Items		EA6ASNHFQL6, WLNHFQL6	EA2ASNJEQL6C, WLNJEQL6C	EA2ASNHEQL6C, ASRHEQL6C, ASNHEQR6, ASRHEQR6, WLNHEQL6C, WLRHEQL6C, WLNHEQR6, WLRHEQR6
Wheel	Type	Steel type Aluminium type*	Steel type Aluminium type*	Steel type Aluminium type*
	Size	14 × 5 1/2 JJ 15 × 6 JJ*	14 × 5 1/2 JJ	14 × 5 1/2 JJ 15 × 6 JJ*
	Amount of wheel offset mm	46	46	46
	Pitch circle diameter (P.C.D.) mm	114.3	114.3	114.3
Tyre	Size	185/70R14 88H 195/60R15 88 V*	195/65R14 89 V	195/65R14 89 V 195/60R15 88 V*
Spare wheel	Type	Steel type	Steel type Aluminium type*	Steel type Aluminium type*
	Size	15 x 4.0T 14 x 5 1/2 JJ* 15 × 6 JJ*	14 × 5 1/2 JJ	14 × 5 1/2 JJ 15 × 6 JJ*
	Amount of wheel offset mm	46	46	46
	Pitch circle diameter (P.C.D.) mm	114.3	114.3	114.3
Spare tyre	Size	T125/70D15 (High pressure) 185/70R14 88H* 195/60R15 88 V*	195/65R14 89 V	195/65R14 89 V 195/60R15 88 V*

NOTE

\*: Optional items

Items		EA5ASNGEQL6C, ASRGEQL6C, WLNGEQL6C, WLRGEQL6C	EA6ASNHFQL6C, ASNHFQR6, WLNHFQL6C, WLNHFQR6	EA5ASNGEQR6, ASRGEQR6, WLNGEQR6, WLRGEQR6
Wheel	Type	Aluminium type	Steel type Aluminium type*	Aluminium type
	Size	15 × 6 JJ	14 × 5 1/2 JJ 15 × 6 JJ*	15 × 6 JJ
	Amount of wheel offset mm	46	46	46
	Pitch circle diameter (P.C.D.) mm	114.3	114.3	114.3
Tyre	Size	205/60R15 91 V	185/70R14 88 H 195/60R15 88 V*	195/60R15 88 V 205/60R15 91 V*
Spare wheel	Type	Steel type	Steel type Aluminium type*	Aluminium type
	Size	15 × 6 JJ	14 × 5 1/2 JJ 15 × 6 JJ*	15 × 6 JJ
	Amount of wheel offset mm	46	46	46
	Pitch circle diameter (P.C.D.) mm	114.3	114.3	114.3
Spare tyre	Size	205/60R15 91 V	185/70R14 88 H 195/60R15 88 V	195/60R15 88 V 205/60R15 91 V*

## NOTE

\*: Optional items

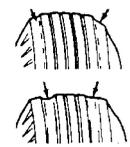
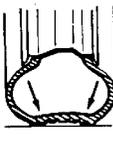
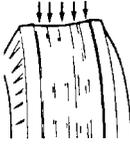
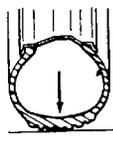
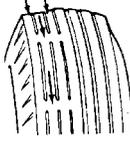
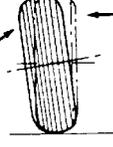
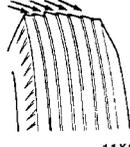
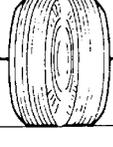
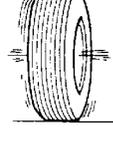
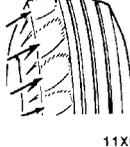
**SERVICE SPECIFICATIONS**

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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	 <p>11X0109</p>	Under-inflation or lack of rotation	 <p>11X0116</p>	Adjust the tyre pressure.	31-6.
Rapid wear at centre	 <p>11X0110</p>	Over-inflation or lack of rotation	 <p>11X0117</p>		
Cracked treads	 <p>11X0111</p>	Under-inflation		Adjust the tyre pressure.	31-6.
Wear on one side	 <p>11X0112</p>	Excessive camber	 <p>11X0118</p>	Inspect the camber.	Refer to GROUP 33A - On-vehicle Service.
Feathered edge	 <p>11X0113</p>	Incorrect toe-in	 <p>11X0119</p>	Adjust the toe-in.	
Bald spots	 <p>11X0114</p>	Unbalanced wheel	 <p>11X0120</p>	Adjust the imbalanced wheels.	-
Scalloped wear	 <p>11X0115</p>	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**

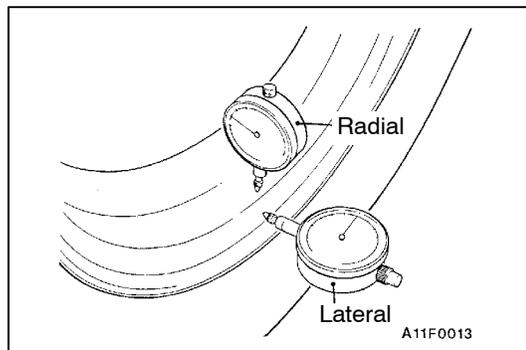
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Jack up the vehicle so that the wheels are clear of the floor. While slowly turning the wheel, measure wheel runout with a dial indicator.

**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**