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# WHEEL AND TIRE

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31109000069

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## GENERAL INFORMATION

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

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

## &lt;2-door models&gt;

Item		CJ2A	CJ2A	CJ5A
		DNSEL, DRSEL	DNMEL, DRSEL	DNDEL, DRDEL
Wheel	Type	Steel type	Steel type, Aluminum type*	Aluminum type
	Size	13 × 5.00B	13 × 5.00B, 13 × 5JJ*	14 × 5 1/2JJ
	Amount of wheel offset mm (in.)	46 (1.8)	46 (1.8)	46 (1.8)
	Pitch circle diameter (P.C.D.) mm (in.)	100 (3.9)	100 (3.9)	100 (3.9)
Tire	Size	P155/80R13 P175/70R13*	P175/70R13	P185/65R14
Spare wheel	Type	Steel type	Steel type	Steel type
	Size	14 × 4.0T	14 × 4.0T	15 × 4.0T
	Amount of wheel offset mm (in.)	46 (1.8)	46 (1.8)	46 (1.8)
	Pitch circle diameter (P.C.D.) mm (in.)	100 (3.9)	100 (3.9)	100 (3.9)
Spare tire	Size	T105/70D14 83M	T105/70D14 83M	T125/70D15

## NOTE

\*: optional parts

## &lt;4-door models&gt;

Item		CK2A	CK5A	CK5A
		SNMEL, SRMEL, SRDEL	SNDEL, SRDEL	SRJEL
Wheel	Type	Steel type	Steel type, Aluminum type*	Aluminum type
	Size	13 × 5.00B	13 × 5.00B, 14 × 5 1/2JJ*	14 × 5 1/2JJ
	Amount of wheel offset mm (in.)	46 (1.8)	46 (1.8)	46 (1.8)
	Pitch circle diameter (P.C.D.) mm (in.)	100 (3.9)	100 (3.9)	100 (3.9)
Tire	Size	P175/70R13	P175/70R13 P185/65R14*	P185/65R14
Spare wheel	Type	Steel type	Steel type	Steel type
	Size	14 × 4.0T	14 × 4.0T, 15 × 4.0T*	15 × 4.0T
	Amount of wheel offset mm (in.)	46 (1.8)	46 (1.8)	46 (1.8)
	Pitch circle diameter (P.C.D.) mm (in.)	100 (3.9)	100 (3.9)	100 (3.9)
Spare tire	Size	T105/70D14 83M	T105/70D14 83M T125/70D15*	T125/70D15

## NOTE

\*: optional parts

## SERVICE SPECIFICATIONS

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Items	Limit	
Tread depth of tire mm (in.)	1.6 (.06)	
Wheel runout (Radial runout) mm (in.)	Steel wheel	1.2 (.05) or less
	Aluminum wheel	1.0 (.04) or less
Wheel runout (Lateral runout) mm (in.)	Steel wheel	1.2 (.05) or less
	Aluminum wheel	1.0 (.04) or less

## TROUBLESHOOTING

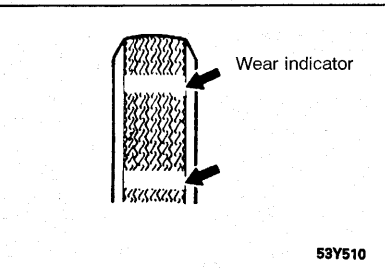
Symptom		Probable cause		Remedy	Reference page
Rapid wear at shoulders	11X0109	Under-inflation or lack of rotation	11X0116	Adjust the tire pressure.	Refer to P.31-5
Rapid wear at center	11X0110	Over-inflation or lack of rotation	11X0117		
Cracked treads	11X0111	Under-inflation		Adjust the tire pressure.	Refer to P.31-5
Wear on one side	11X0112	Excessive camber	11X0118	Check 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 tires or worn or out-of-alignment suspension		Rotate the tires, check the front suspension alignment.	Refer to GROUP 33A - On-vehicle Service.

**ON-VEHICLE SERVICE**

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**TIRE INFLATION PRESSURE CHECK****NOTE**

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

**TIRE WEAR CHECK**

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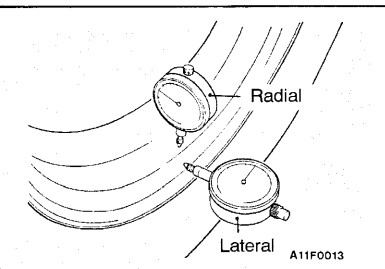
Measure the tread depth of tires.

**Limit: 1.6 mm (.06 in.)**

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 (.06in.) 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:****Radial runout.**

**Steel wheel; 1.2 mm (.05 in.) or less**

**Aluminum wheel; 1.0 mm (.04 in.) or less**

**Lateral runout.**

**Steel wheel; 1.2 mm (.05 in.) or less**

**Aluminum wheel; 1.0 mm (.04 in.) or less**

If wheel runout exceeds the limit, replace the wheel.

**WHEEL AND TIRE**

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**INSTALLATION SERVICE POINT**

Tighten the wheel nut to the specified torque.

**Tightening torque: 88 - 108 Nm (65 - 80 ft.lbs.)**