

# WHEEL AND TIRE

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110003104

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Bald Spots

Cracked Treads

Feathered Edge

Rapid Wear at Center

Rapid Wear at Shoulders

Scalloped Wear

Wear on One Side

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## GENERAL INFORMATION

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For 1800 models (from 1994 models), 14 inch aluminum wheels and P185/65R14 tires are available.

Items		1500	1800
Wheel (except spare wheel)	Wheel type	Steel type	Steel or Aluminum type*
	Wheel size	13 × 4.50B or 13 × 5.00B	13 × 5.00B or 14 × 5 1/2JJ*
	Amount of wheel offset mm (in.)	46 (1.8)	46 (1.8)
	Pitch circle diameter (P.C.D.) mm (in.)	100 (3.9)	100 (3.9)
Tire (except spare tire)	Tire size	P145/80R13, P155/80R13 or P175/70R13*	P175/70R13 or P185/65R14*
Spare wheel	Wheel type	Steel type	Steel type
	Wheel size	14 × 4.0T	14 × 4.0T or 15 × 4.0T*
	Amount of wheel offset mm (in.)	46 (1.8)	46 (1.8)
	Pitch circle diameter (P.C.D.) mm (in.)	100 (3.9)	100 (3.9)
Spare tire	Tire size	T105/70D14	T105/70D14 or T125/70D15*
Wheel (except spare wheel) [Option]	Wheel type	Steel or Aluminum type	Aluminum type
	Wheel size	13 × 5.00B or 13 × 5J	13 × 5J or 14 × 5 1/2JJ*
	Amount of wheel offset mm (in.)	46 (1.8)	46 (1.8)
	Pitch circle diameter (P.C.D.) mm (in.)	100 (3.9)	100 (3.9)
Tire (except spare tire) [Option]	Tire size	P175/70R13, P165/80R13 or P155/80R13*	P185/70R13 or P185/65R14*

## NOTE

\*: Available only for 1994 and subsequent models

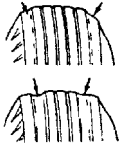
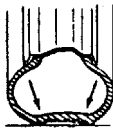
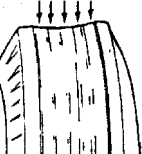
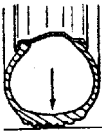

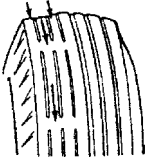
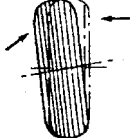

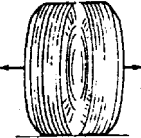
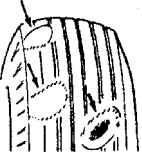
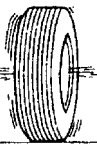
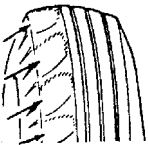
## SERVICE SPECIFICATIONS

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

**TROUBLESHOOTING**

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Symptom		Probable cause		Remedy
RAPID WEAR AT SHOULDERS	 Z11U0047	UNDER-INFLATION OR LACK OF ROTATION	 Y11U0047	Adjust the tire pressure.
RAPID WEAR AT CENTER	 X11U0047	OVER-INFLATION OR LACK OF ROTATION	 W11U0047	
CRACKED TREADS	 V11U0047	UNDER-INFLATION		Adjust the tire pressure.
WEAR ON ONE SIDE	 U11U0047	EXCESSIVE CAMBER	 T11U0047	Inspect the camber.
FEATHERED EDGE	 S11U0047	INCORRECT TOE	 R11U0047	Adjust the toe-in.
BALD SPOTS	 Q11U0047	UNBALANCED WHEEL	 P11U0047	Adjust the imbalanced wheels.
SCALLOPED WEAR	 O11U0047	LACK OF ROTATION OF TIRES OR WORN OR OUT-OF-ALIGNMENT SUSPENSION		Cross-switch the tires Inspect the front suspension alignment.

## SERVICE ADJUSTMENT PROCEDURES

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### TIRE INFLATION PRESSURE CHECK

#### NOTE

The tire inflation pressure is stated on the label attached to the driver's door.

### TIRE WEAR CHECK

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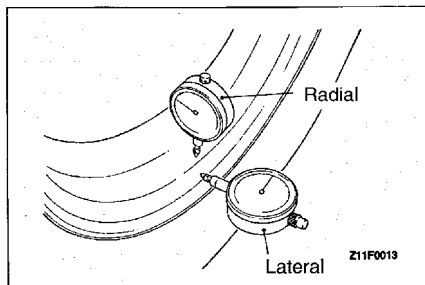
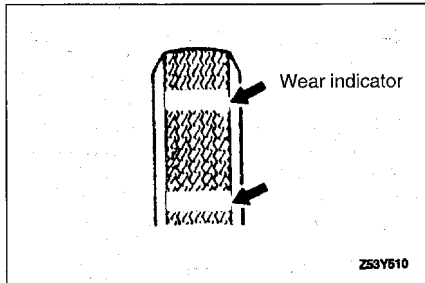
Measure the tread depth of tires.

**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 (.06 in.) 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:**

Items	Steel wheel	Aluminum wheel
Radial runout mm (in.)	1.2 (.05)	1.0 (.04)
Lateral runout mm (in.)	1.2 (.05)	1.0 (.04)

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: 90–110 Nm (65–80 ft.lbs.)**