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# WHEEL AND TYRE

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E31AA-

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## SPECIFICATIONS

## GENERAL SPECIFICATIONS

E31CA--

Items	SOHC	DOHC
Wheel		
Type	Steel type	Steel type or Aluminium type
Size	15×6JJ	15×6JJ
Offset	mm (in.) 46 (1.8)	46 (1.8)
P.C.D.	mm (in.) 114.3 (4.5)	114.3 (4.5)
Tyre		
Size	205/65R15	205/65R15
Tyre inflation pressure	kPa (kg/cm <sup>2</sup> , psi)	
Front	220 (2.2, 31)	220 (2.2, 31)
Rear	180 (1.8, 26)	180 (1.8, 26)

NOTE P.C.D. (Pitch Circle diameter) indicates the pitch circle diameter of the wheel installation holes.

## SERVICE SPECIFICATIONS

E31CB--

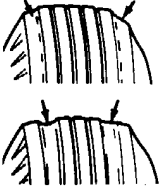
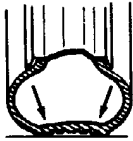
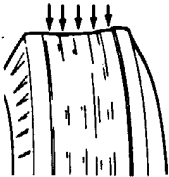
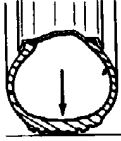

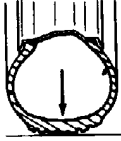
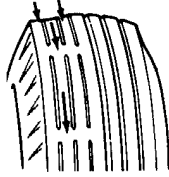
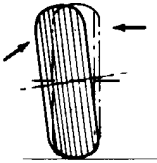
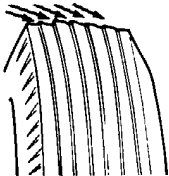
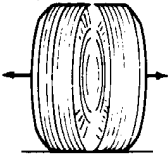
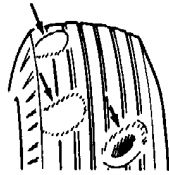
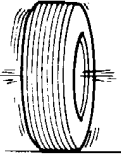
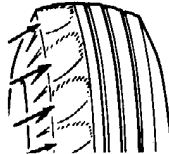
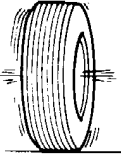
Items	Specifications
Standard value	
Wheel nut tightening torque	Nm (kgm ,ft.lbs.) 90 – 110 (9 – 11, 65 – 80)
Limit	
Wheel runout	
<Vehicles built up to October, 1991>	
Radial	mm (in.) 2.0 (0.08)
Lateral	mm (in.) 2.0 (0.08)
<Vehicles built from November, 1991>	
Radial	mm (in.) 1.2 (0.05) [1.0 (0.04)]
Lateral	mm (in.) 1.2 (0.05) [1.0 (0.04)]
Tread depth of type	mm (in.) 16 (0.06)

## NOTE

Values inside [ ] are for aluminium wheels.

**TROUBLESHOOTING**

E31EA--

Symptom	Probable cause	Remedy	Reference page
Rapid wear at shoulders 	Under-inflation or lack of rotation 	Adjust the tyre pressure	Refer to P.31-2
Rapid wear at centre 	Over-inflation or lack of rotation 		
Cracked treads 	Under-inflation 		
Wear on one side 	Excessive camber 	Inspect the camber	Refer to GROUP 33A, 33B – Service Adjustment procedures
Feathered edge 	Incorrect toe-in 	Adjust the toe-in	
Bald spots 	Unbalanced wheel 	Adjust the imbalanced wheels	–
Scalloped wear 	Lack of rotation of tyres or worn or out-of-alignment suspension 	Rotate the tyres inspect the front suspension alignment	Refer to GROUP 33A, 33B – Service Adjustment procedures

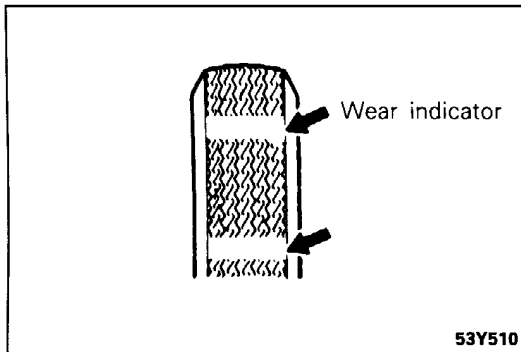
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**SERVICE ADJUSTMENT PROCEDURES**

E31FAA

**TYRE INFLATION PRESSURE CHECK**

Check the inflation pressure of the tyres. If it is not within the standard value, make the necessary adjustment.



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**TYRE WEAR CHECK**

E31FBAA

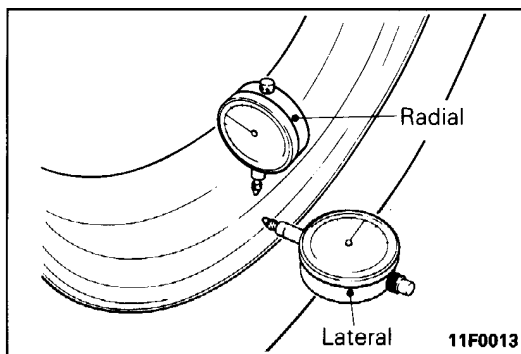
Measure the tread depth of tyres.

**Limit: 1.6 mm (0.06 in.)**

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

**NOTE**

When the tread depth of tyres is reduced to 1.6 mm (0.06 in.) or less, wear indicators will appear.



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**WHEEL RUNOUT CHECK**

E31FCAA

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: <Vehicles built up to October, 1991 >**

**Radial 2.0 mm (0.08 in.)**

**Lateral 2.0 mm (0.08 in.)**

**<Vehicles built from November, 1991 >**

**Steel wheel**

**Radial 1.2 mm (0.05 in.)**

**Lateral 1.2 mm (0.05 in.)**

**Aluminium wheel**

**Radial 1.0 mm (0.04 in.)**

**Lateral 1.0 mm (0.04 in.)**

If wheel runout exceeds the limit, replace the wheel.