WHEEL AND TYRE

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SPECIFICATIONS

SERVICE SPECIFICATIONS

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Items		Specifications
Standard		
Wheel nut tightening torque	Nm (kgm, ft.lbs.)	100–120 (10–12, 72–87)
Limit		
Wheel runout	mm (in.)	
Radial		
Aluminum wheels		1.0 (0.039)
Steel wheels		1.2 (0.047)
Lateral		
Aluminum wheels		1.0 (0.039)
Steel wheels		1.2 (0.047)
Tread depth of tyre	mm (in.)	1.6 (0.06)

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TROUBLESHOOTING

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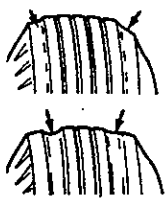
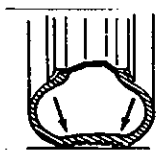
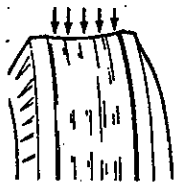
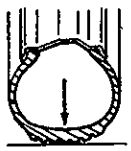
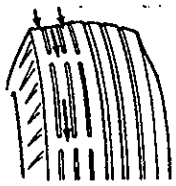
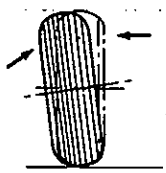
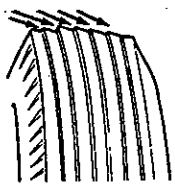
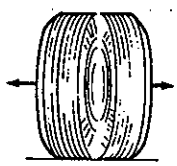
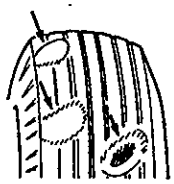
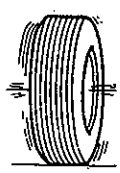
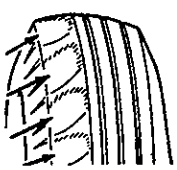
Symptom	Probable cause	Remedy	Reference page
Rapid wear at shoulders 	Under-inflation or lack of rotation 	Adjust the tyre pressure	Refer to P.31-2
Rapid wear at centre 	Over-inflation or lack of rotation 		
Cracked treads	Under-inflation		
Wear on one side 	Excessive camber 	Inspect the camber	Refer to GROUP 33 – 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 33 – Service Adjustment Procedures

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SERVICE ADJUSTMENT PROCEDURES

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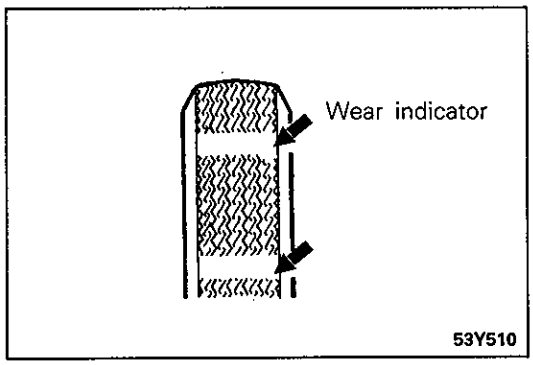
TYRE INFLATION PRESSURE CHECK

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



TYRE WEAR CHECK

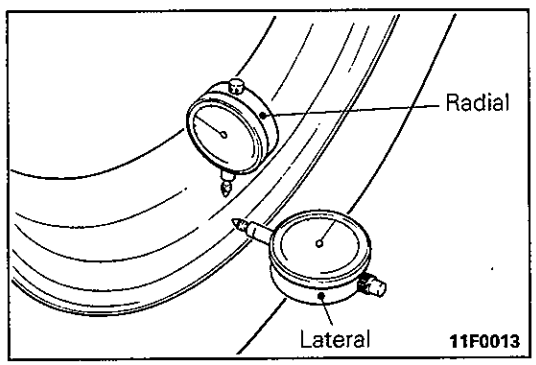
E31FBAA

Measure the tread depth of tyres.

Limit: 1.6 mm (0.06 in.)

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 (0.06 in.) or less, wear indicators appear.



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:

	Aluminum wheels	Steel wheels
Radial	1.0 mm (0.039 in.)	1.2 mm (0.047 in.)
Lateral	1.0 mm (0.039 in.)	1.2 mm (0.047 in.)

If wheel runout exceeds the limit, replace the wheel.

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