TO INDEX

C3 WHEEL & TIRE

1 WHEEL & TIRE SYSTEM

1-1 BASIC CHECK AND ADJUSTMENT

1-1-1 TIRE CONDITIONS

(1) Articles to be prepared

Instrument

Tire pressure gauge,

(2) Check of air inflation pressure

1.Remove the valve cap.

2.Check to see if the tire air inflation pressure is the specified value, using a tire pressure gauge. Also, check the spare tire, too.

SPECIFIED VALUE:

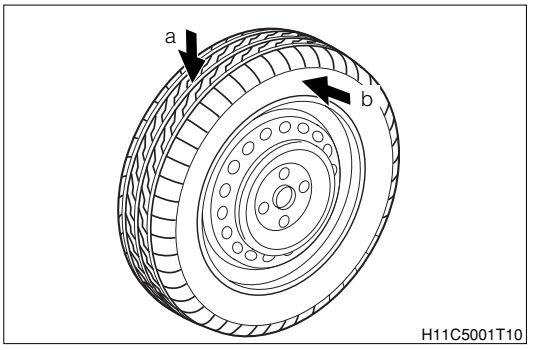
TIRE SIZE	Air inflation pressure [kPa{kgf/cm^2}]	
	Front wheel	Rear wheel
155/80R13 79S	220{2.2}	
175/65R14 82S	220{2.2}	
175/65R14 82T	220{2.2}	
T115/70D14	420{4.2}	

3.After the air pressure check, ensure that there is no air leakage from the tire valve.

(3) Check of cracks and damage

1.Jack up the vehicle.

2.Visually check the tread section (a) and side wall section (b) over all the peripheries to see if any cracks or damage is present.



(4) Check of metal piece or foreign matter

1.Visually check the tread section (a) and side wall section (b) over all the peripheries to see if any metal piece, gravel or other foreign matter is stuck or caught in.

(5) Check of abnormal wear

1.Visually check to see if any uneven wear or stepped wear or other abnormal wear is present.

CAUTION

- If there is abnormal wear, check the wheel balance and front wheel alignment.

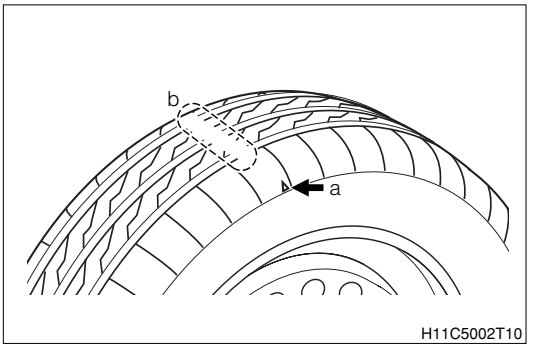
(6) Check the groove depth

1.Check the groove depth, using a depth gauge or the like.

SPECIFIED VALUE: 1.6 mm or more

NOTE

- When the depth of the remaining groove becomes less than 1.6 mm, a slip sign (b) will appear on the extended line of the triangle mark (a) on the side wall section.

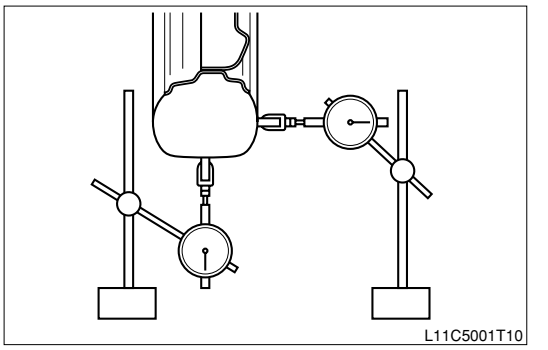


(7) Check of tires for runout

1.Jack up the vehicle.

2.Check the tire for runout, using a dial gauge.

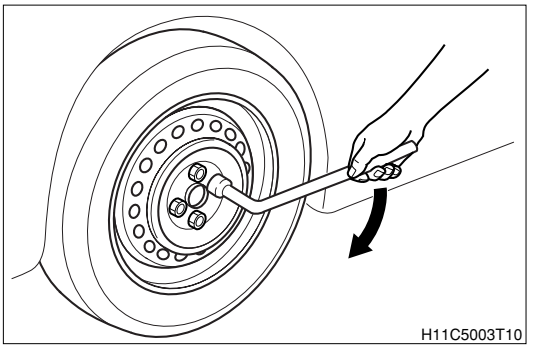
ALLOWABLE LIMIT: 1.4mm (Vertical runout)
2.0mm (Lateral runout)



1-1-2 DISC WHEEL

(1) Check the hub nuts for looseness

1.Check the hub nuts for looseness, using a wheel nut wrench, etc.



(2) Check of disc wheel for damage

1.Jack up the vehicle.

2.Visually check the disc wheel to see if any corrosion, deformation, cracks or runout is present.

2 WHEEL & TIRE

2-1 REMOVAL AND INSTALLATION

2-1-1 ARTICLES TO BE PREPARED

Instrument

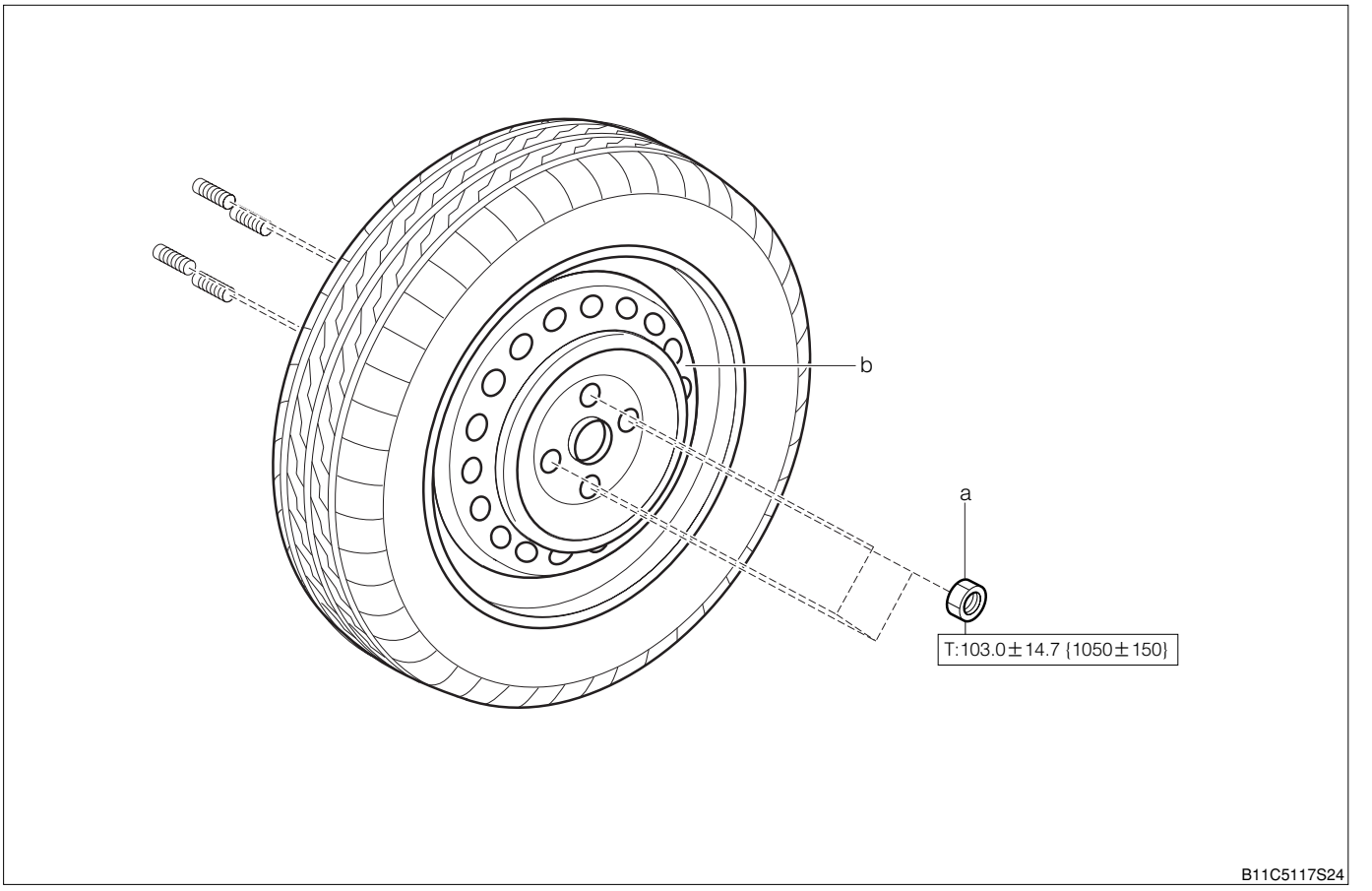
Torque wrench

2-1-2 OPERATION BEFORE REMOVAL

1.Remove the wheel cap S/A. (Wheel cap S/A mounted vehicles)
2.Jack up the vehicle.

2-1-3 REMOVAL AND INSTALLATION PROCEDURES

(1) Components



Unit:N·m{kgf·cm}

(2) Removal and installation procedures

1 a Nut, hub
2 b Wheel, disc

2-1-4 OPERATION AFTER INSTALLATION

1.Jack down the vehicle.
2.Install the wheel cap S/A. (Wheel cap S/A mounted vehicles)