

WORKSHOP MANUAL

KB

SECTION 10

WHEELS AND TIRES



ISUZU MOTORS LIMITED

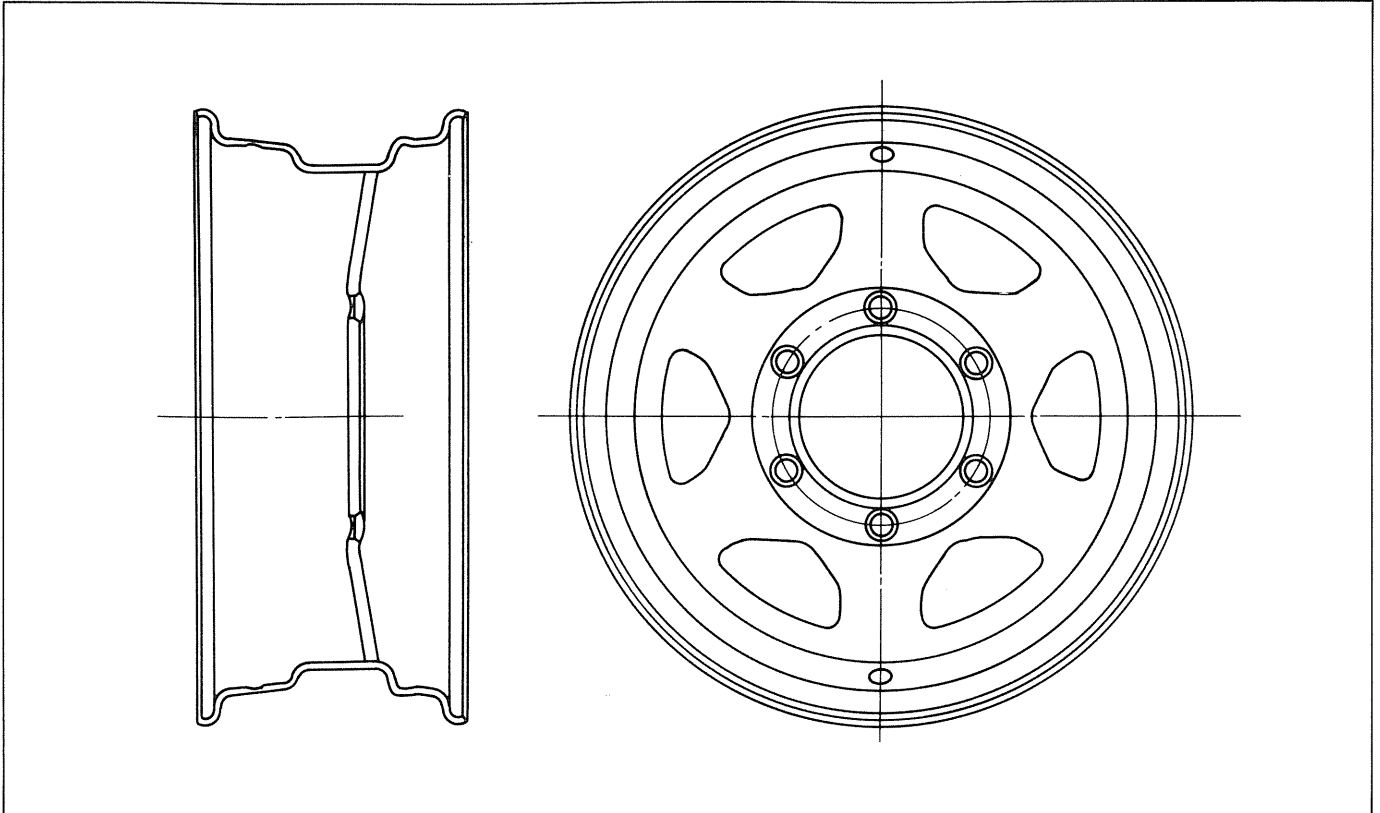


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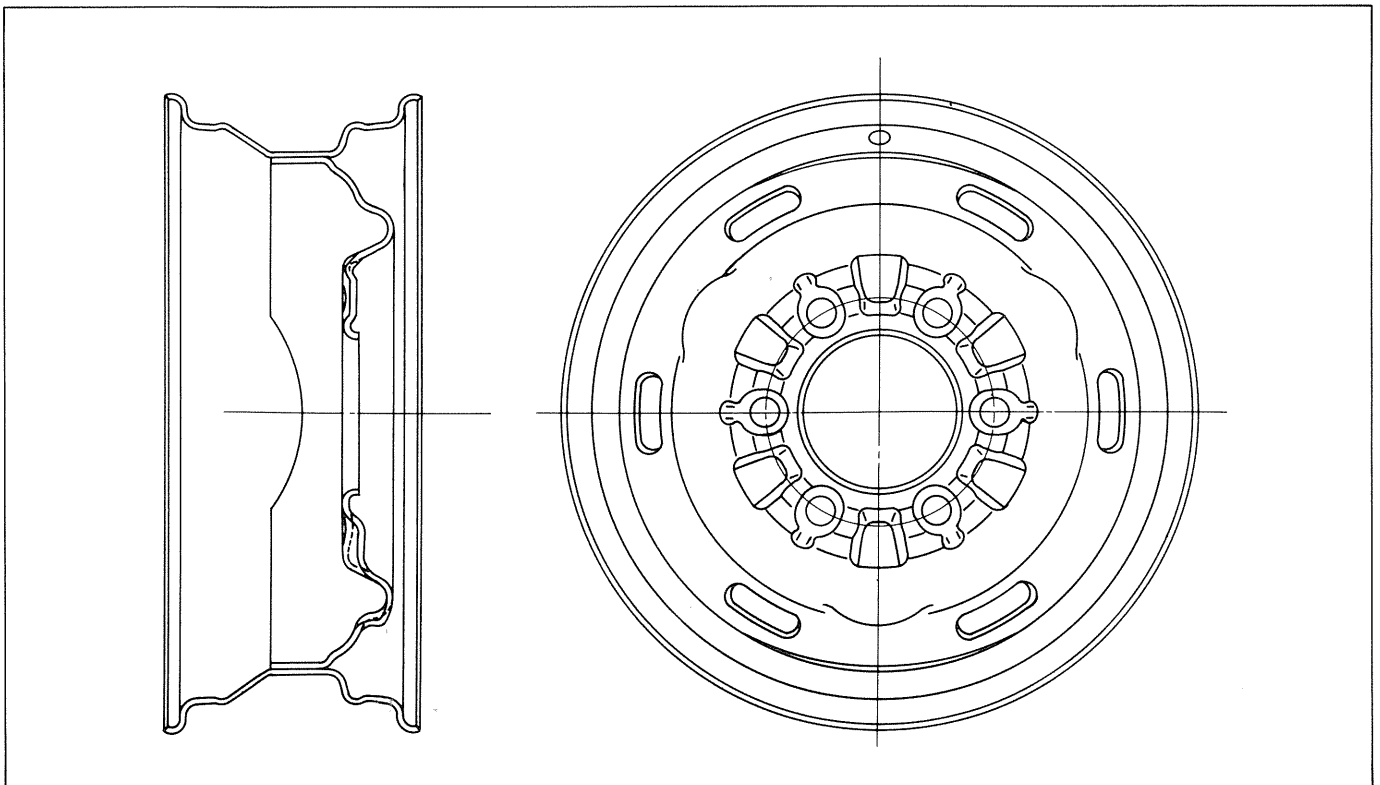


GENERAL DESCRIPTION

4 x 4 MODEL & 4 x 2 LS MODEL



4 x 2 MODEL

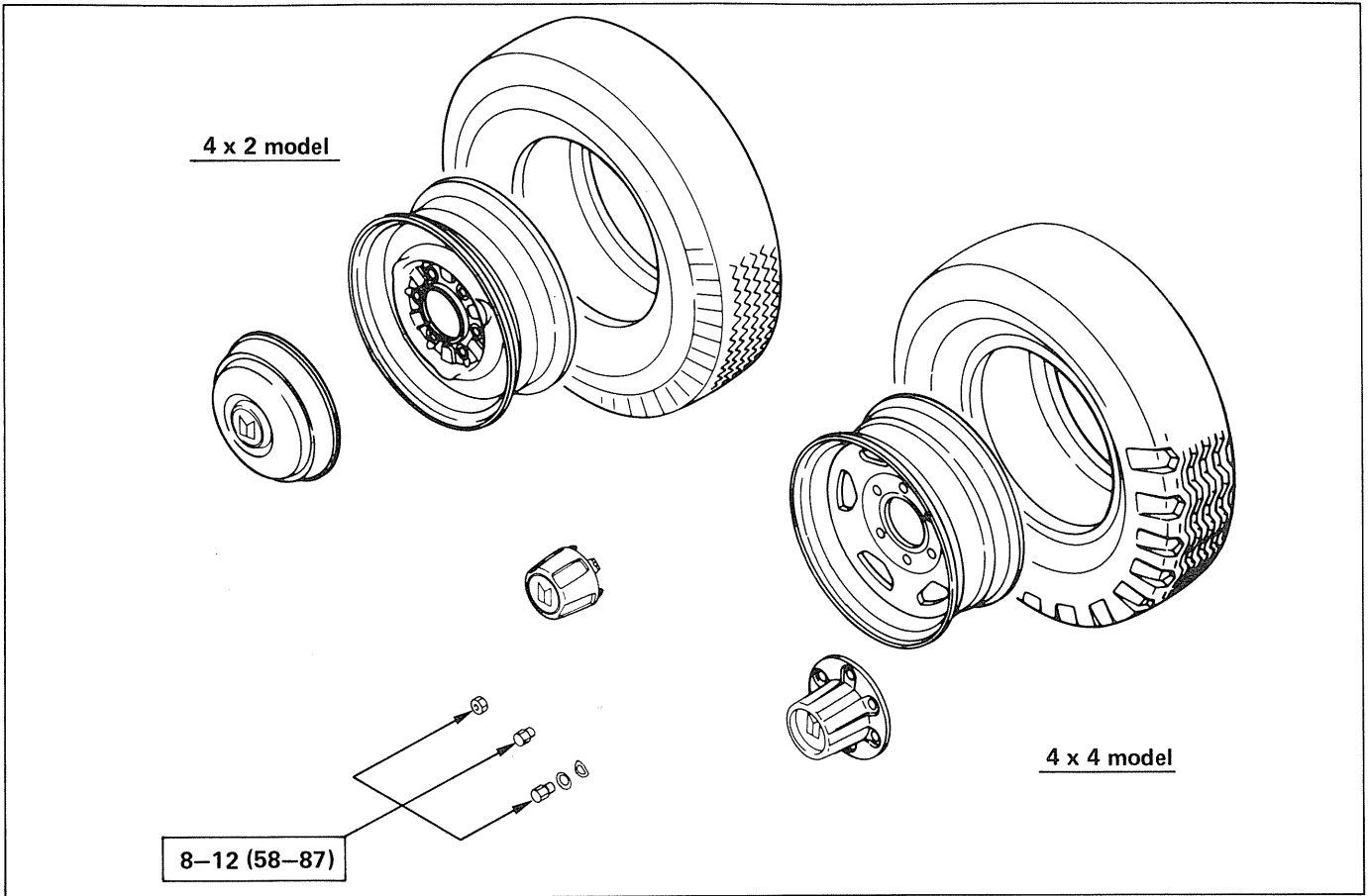


SPECIFICATIONS

Tire size		6.00-14-6PR 6.00-14-8PR 6.50-14-8PR	F70-14BPC	E78-14BPC	E78-14-6/8	185R-14	185SR-14
Type		Bias construction	Belted bias construction			Steel radial construction	Passenger type Steel radial construction
Inflation pressure kg/cm ² (psi)							
Loaded	Front	1.8 (26)		2.0 (28)		1.8 (26)	2.0 (28)
	Rear	4.25 (60)		2.2 (31)		4.25 (60)	2.2 (31)
Unloaded	Front	1.8 (26)		2.0 (28)		1.8 (26)	2.0 (28)
	Rear	2.6 (37)		2.0 (28)		2.6 (37)	2.0 (28)
Disc wheel size							
	Front	5.0J x 14	5-1/2-JJ x 14			5.0J x 14	
	Rear	5.0J x 14	5-1/2-JJ x 14			5.0J x 14	

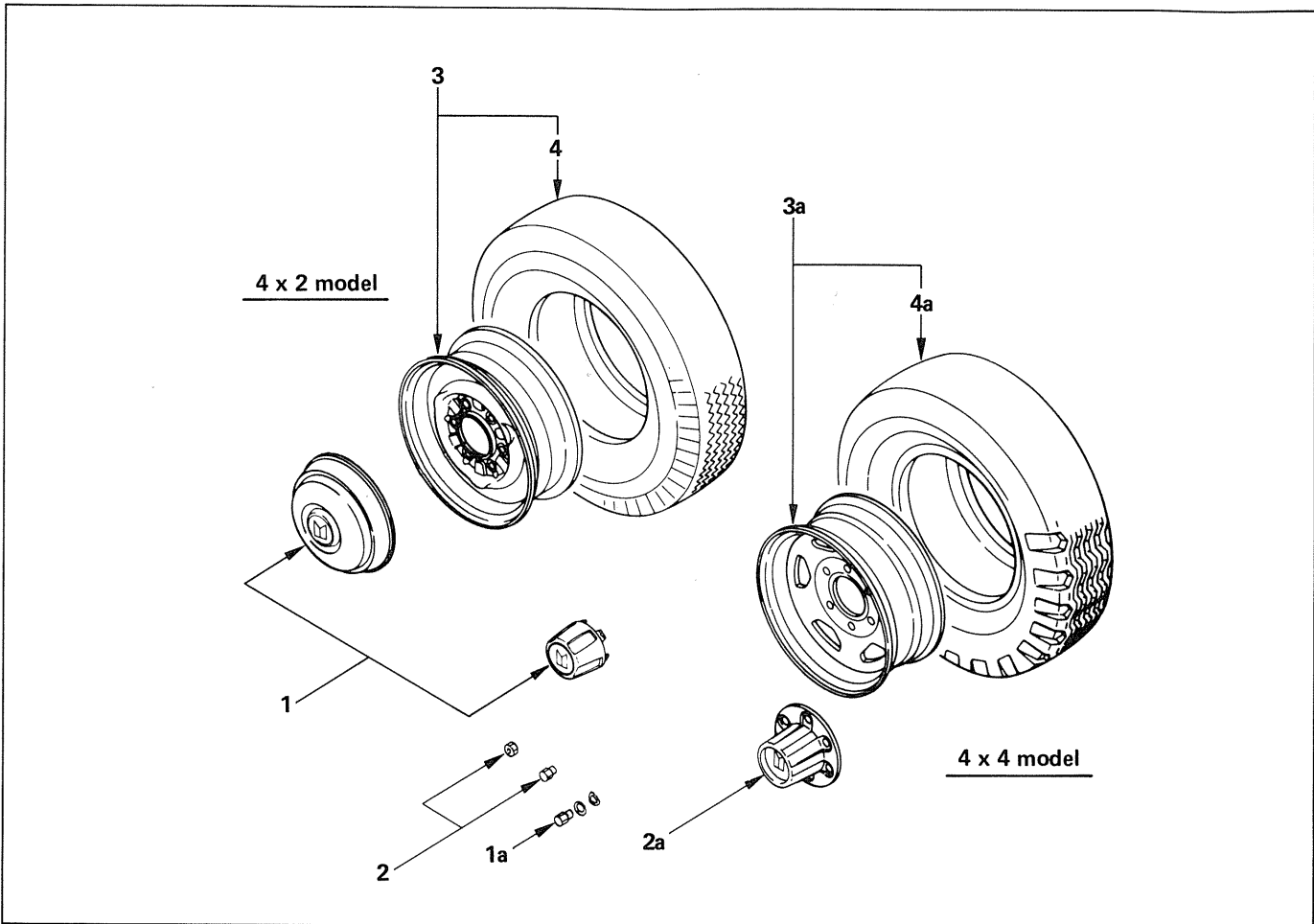
FIXING TORQUE

kg·m(ft.lbs.)





DISASSEMBLY



**Disassembly steps
(for 4 x 2 model)**

1. Wheel cap
2. Wheel nut
3. Wheel and tire assembly
4. Tire assembly

(for 4 x 4 model)

- 1a. Wheel nut
- 2a. Center cap
- 3a. Wheel and tire assembly
- 4a. Tire assembly



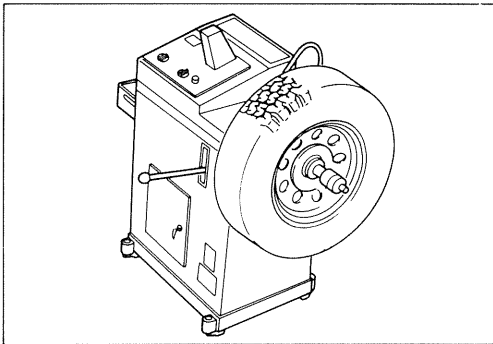
INSPECTION AND REPAIR

Make necessary correction or parts replacement if wear, damage or any other abnormal conditions are found through inspection.



Visual check

Inspect all disassembled parts for wear, damage or other abnormal conditions.



Measure wheel unbalance

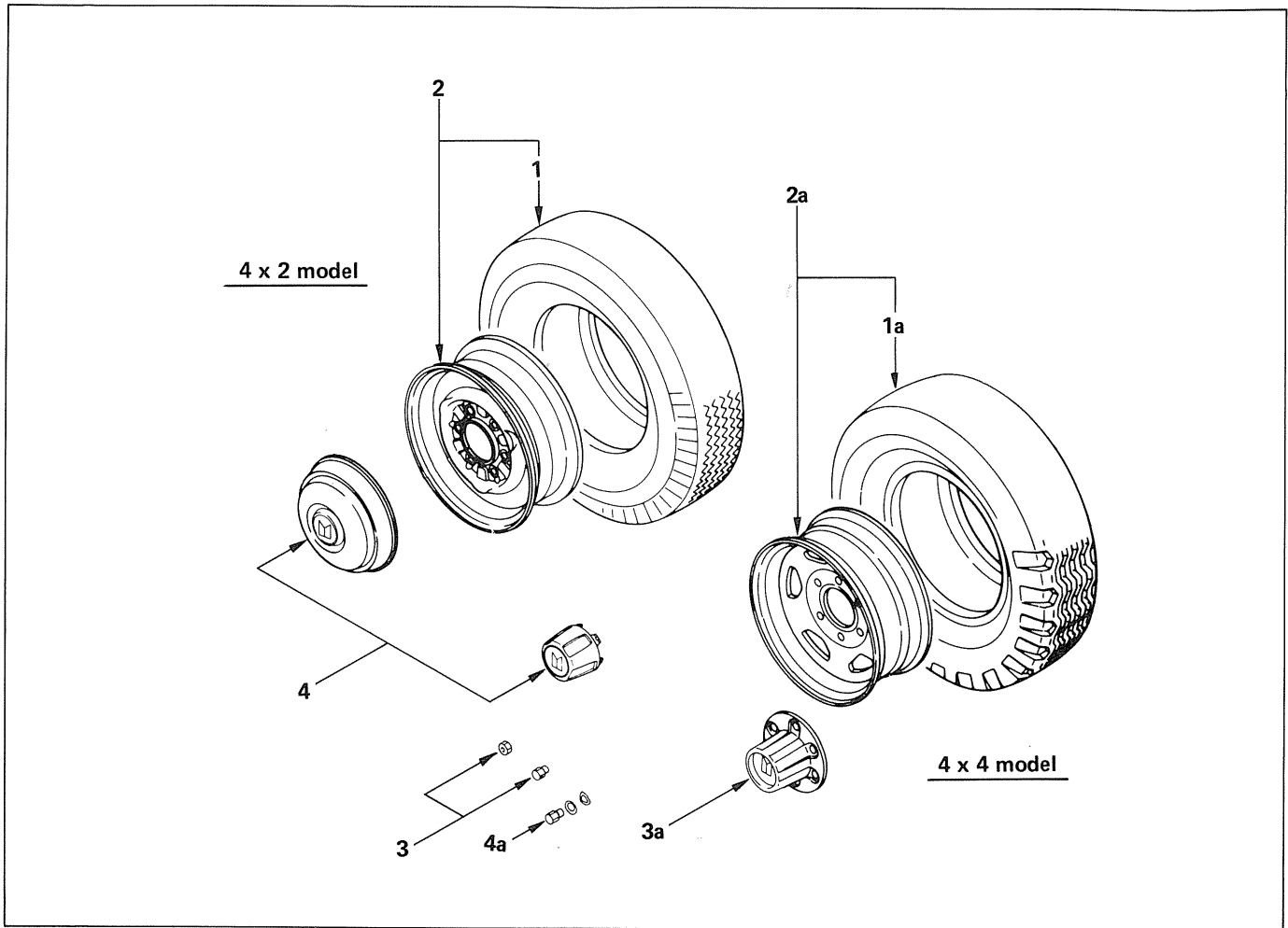
Using a wheel balancing equipment.

Install on the side rim of the wheel a balance weight to offset unbalance.

Balance weight for the wheel should not exceed 170g in total, and 140g is the maximum amount for either side.



REASSEMBLY

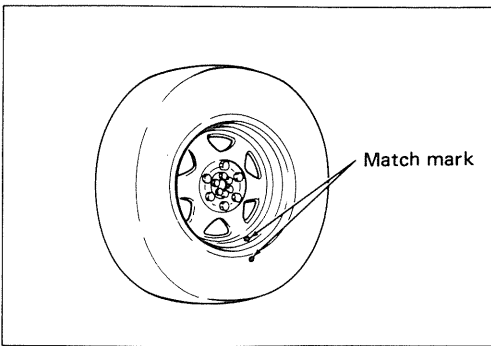


**Reassembly steps
(for 4 x 2 model)**

- ▲ 1. Tire assembly
- ▲ 2. Wheel and tire assembly
- ▲ 3. Wheel nut
- 4. Wheel cap

(for 4 x 4 model)

- ▲ 1a. Tire assembly
- ▲ 2a. Wheel and tire assembly
- 3a. Center cap
- ▲ 4a. Wheel nut

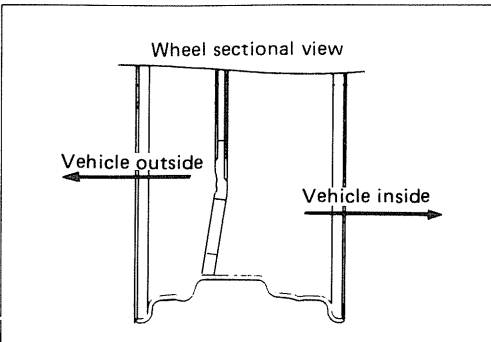


Important operations

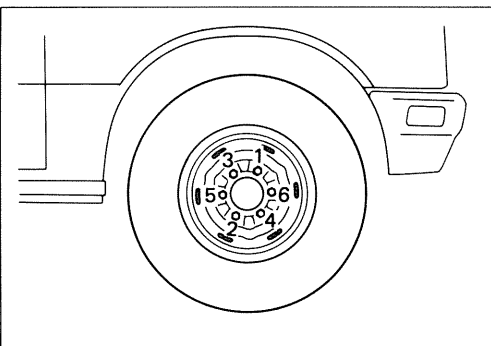
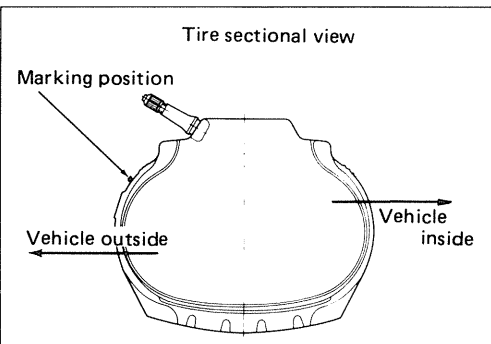


1., 1a. Tire assembly

Align air valve - tire balancing match marks (About 8 mm diameter paint mark).



2., 2a Wheel and tire assembly



3., 4a. Wheel nut

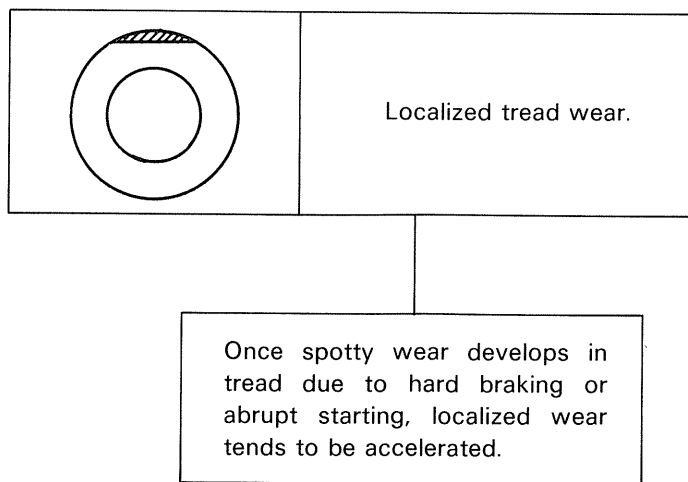
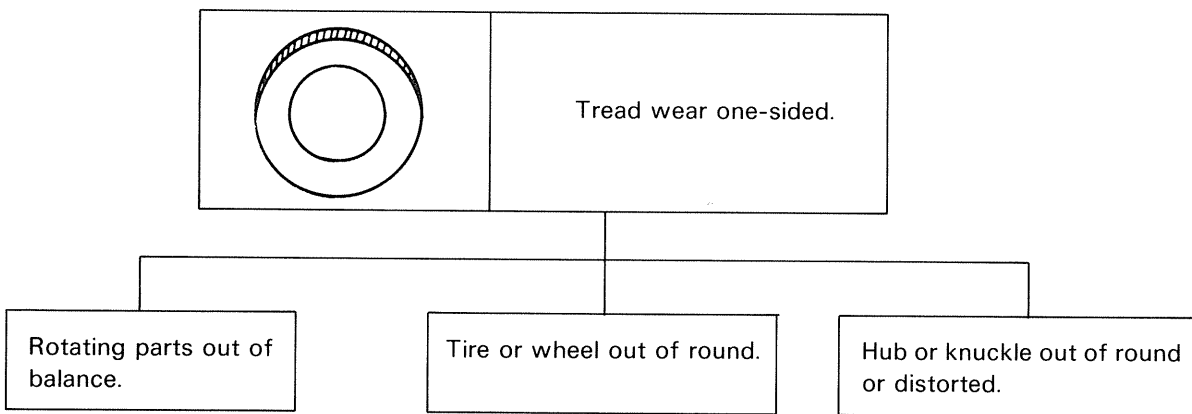
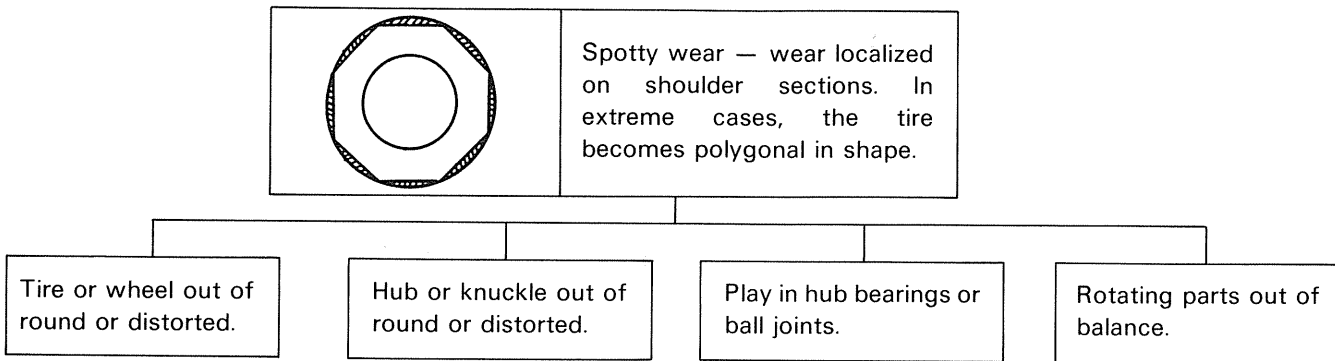
Tighten wheel nuts in numerical order.

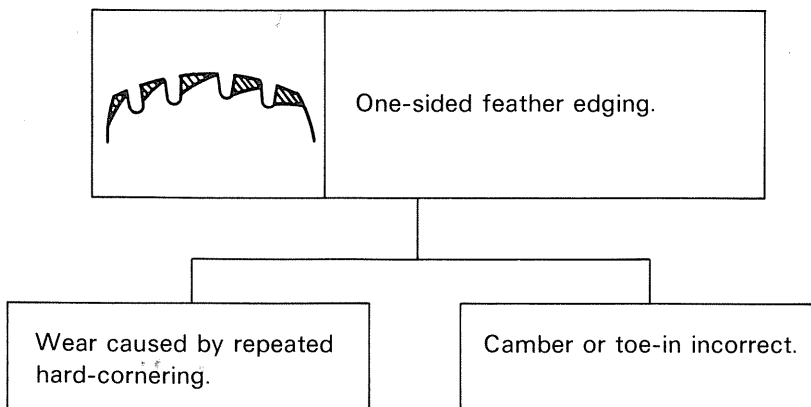
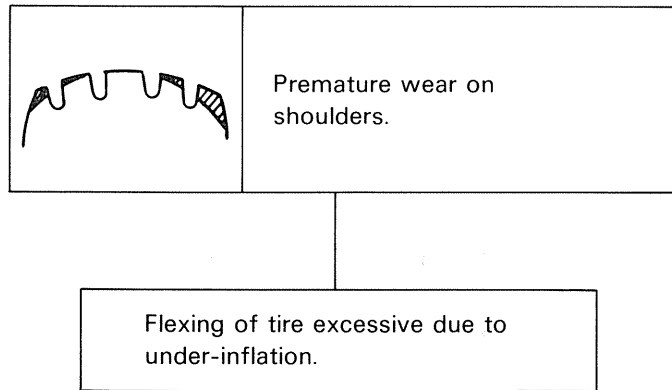
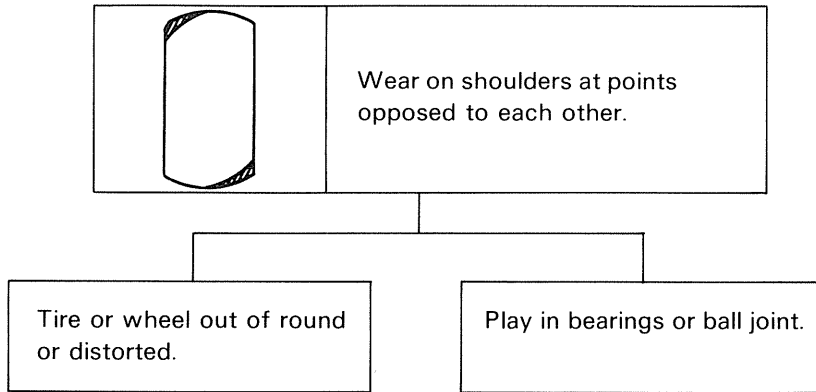
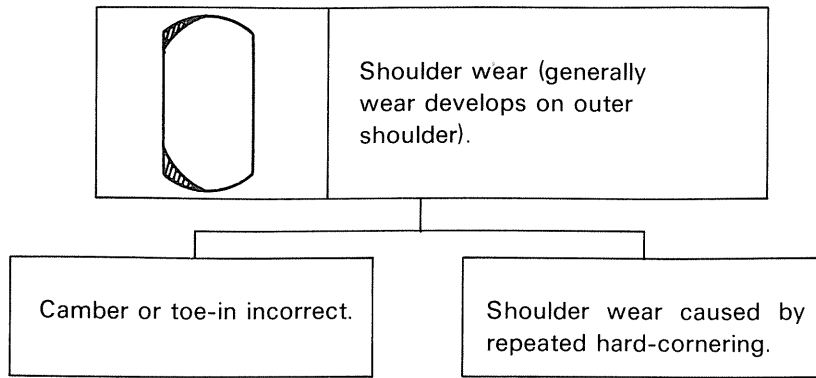
Torque	kg·m(ft.lbs.)	8-12 (58-87)

TROUBLE SHOOTING

Typical examples of abnormal tire tread wear and major causes:

CAUTION: Similar wear patterns can be caused by worn suspension parts, misalignment of wheels and tires, and other suspension related problems.

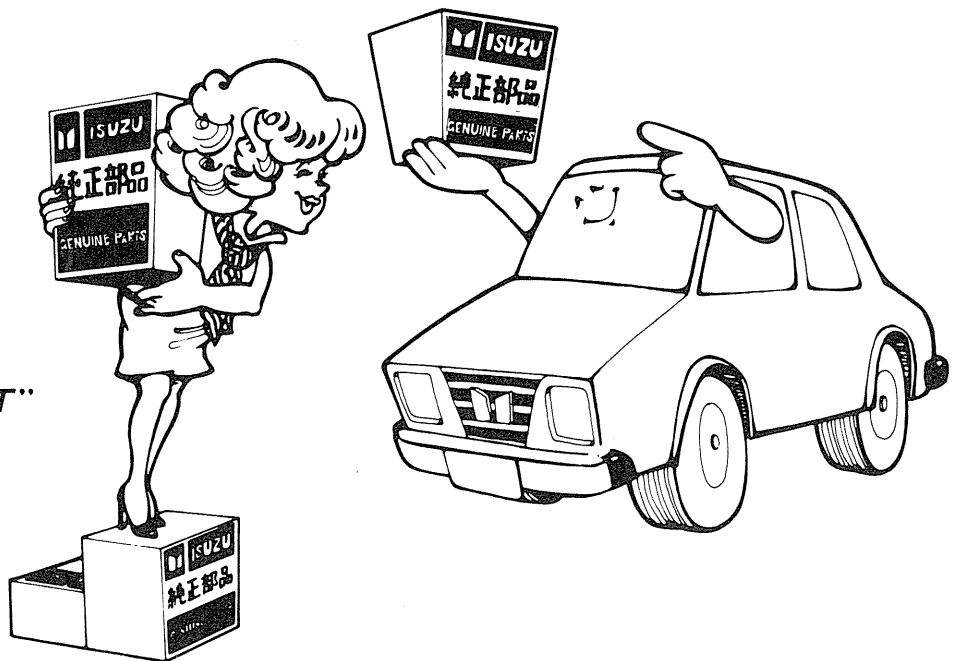




MEMO

A series of horizontal dotted lines for writing a memo.

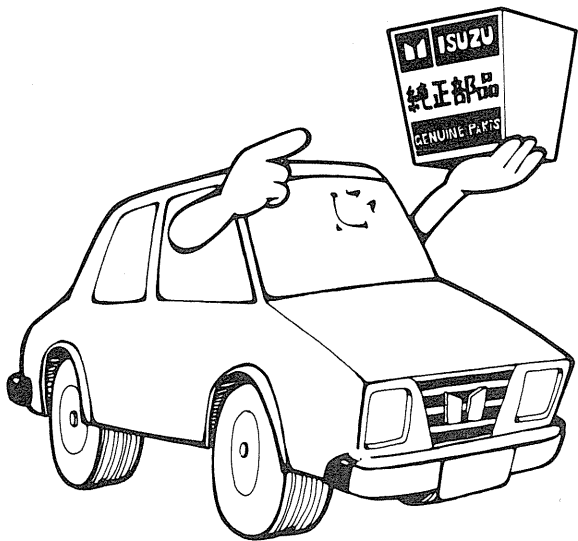
"QUALITY PARTS
YOU CAN TRUST"



MEMO

A series of horizontal dotted lines for writing a memo, spanning most of the page width.

"QUALITY PARTS YOU CAN TRUST"



KBWHL-WE-65G

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