

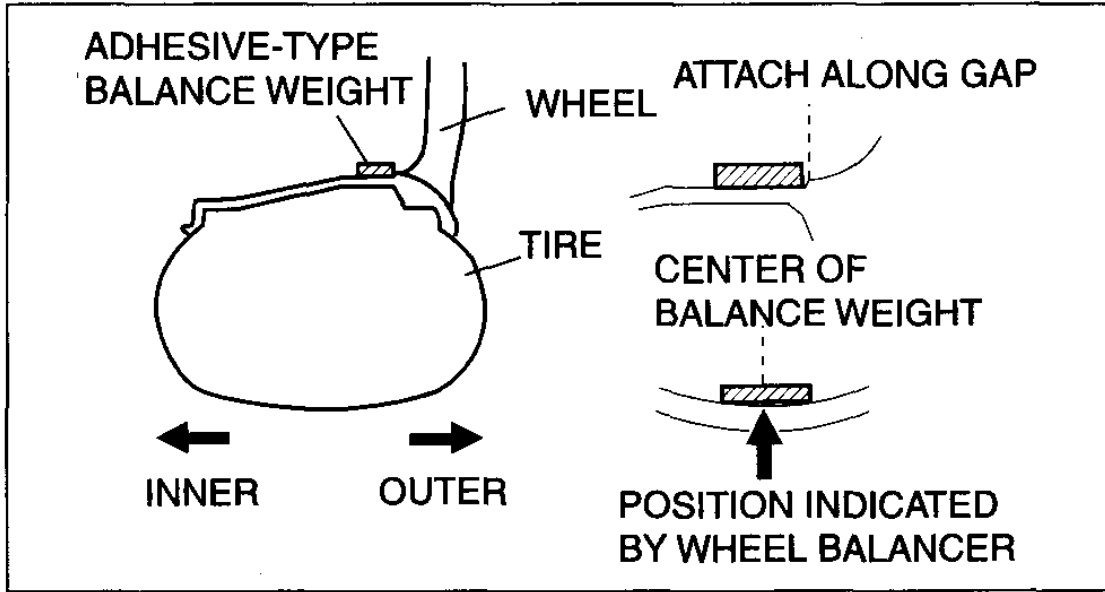
Component Procedures: Wheels and Tires

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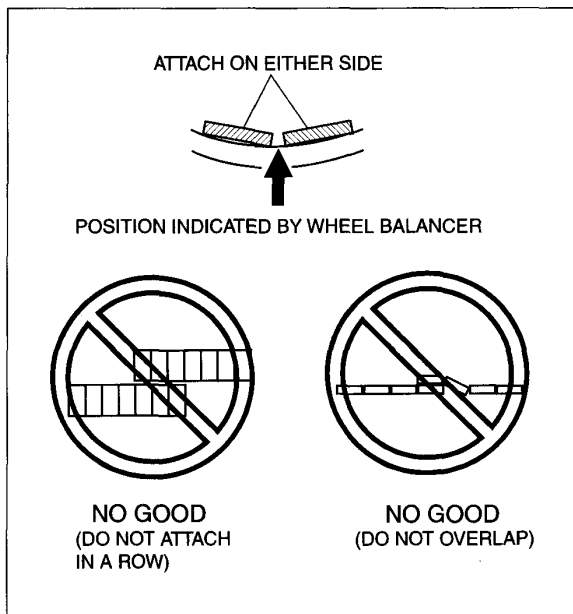
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Component Procedures: Wheels and Tires

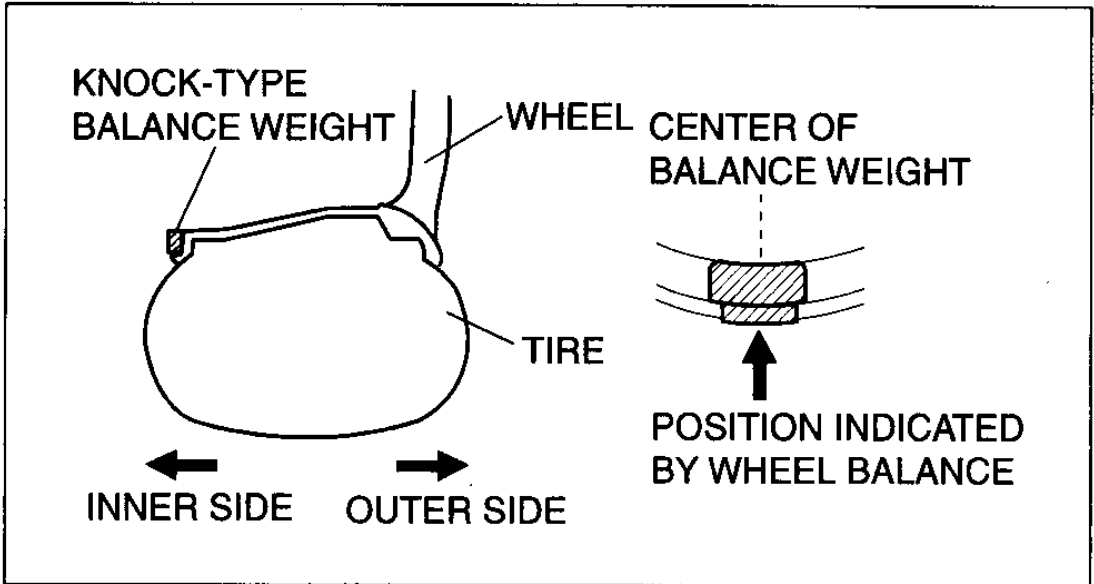
Wheel Balance Adjustment (Aluminum Alloy Wheel) (Article 1453859)



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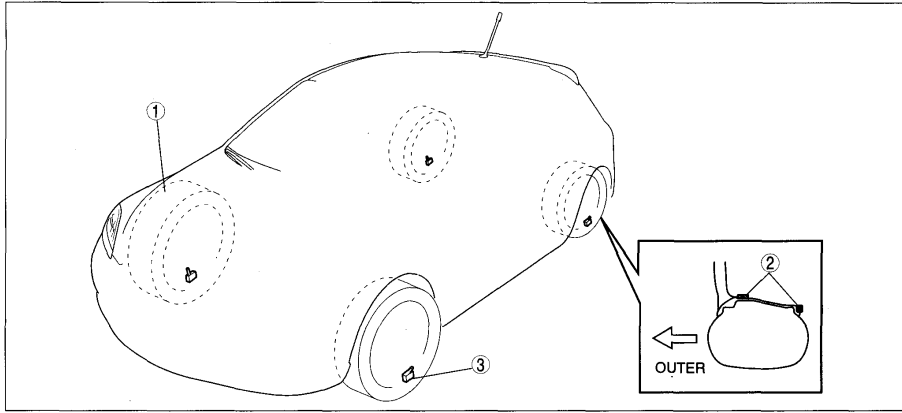
Specifications

	Outer (Adhesive-type)	Inner (Knock-type)
15 inch wheel	14 g {0.49 oz}	9 g {0.31 oz}
16 inch wheel	13 g {0.46 oz}	8 g {0.28 oz}
17 inch wheel	11 g {0.38 oz}	7 g {0.25 oz}
18 inch wheel	10 g {0.35 oz}	6 g {0.21 oz}

Wheel and Tires Location Index (Article 1453831)

WHEEL AND TIRES LOCATION INDEX

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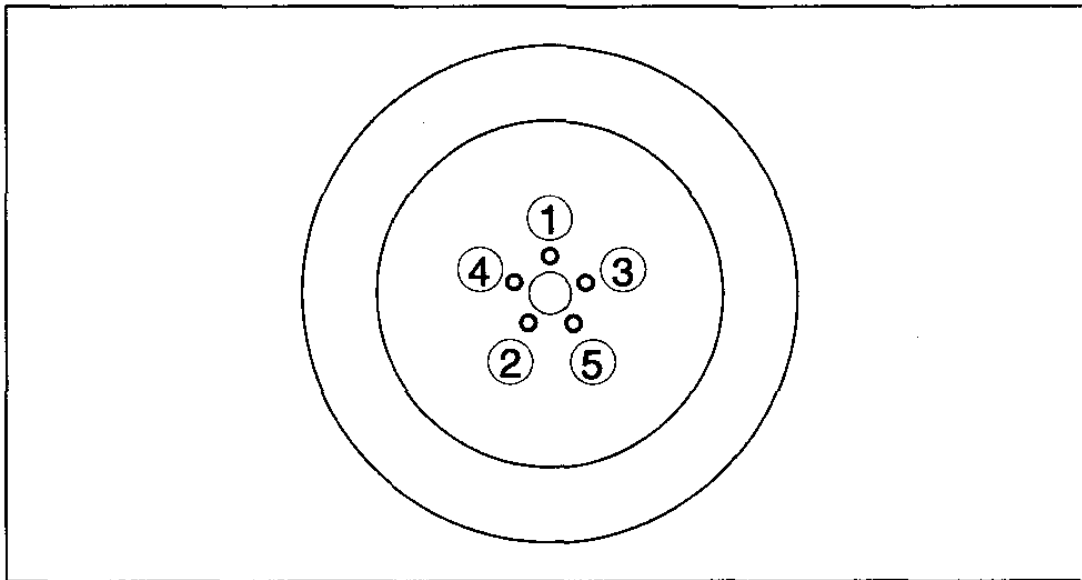


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1	Wheel and tire (See WHEEL AND TIRE SPECIFICATION.) (See TIRE PRESSURE ADJUSTMENT (WITH TPMS).)
2	Wheel balance weight (See WHEEL BALANCE ADJUSTMENT (ALUMINUM ALLOY WHEEL).)

3	Wheel unit (See WHEEL UNIT ID REGISTRATION.) (See WHEEL UNIT REMOVAL/ INSTALLATION.)
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Wheel and Tire Installation (Article 1451140)



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Wheel and Tires (Article 1453805)

Wheel and tires

Item		Specification			
Standard tire and wheel					
Wheel	Size	15 × 6J	16 × 6 1/2J	17 × 6 1/2J	18 × 7J
	Offset (mm (in))	52.5 (2.07)			
	Pitch circle diameter (mm (in))	114.3 (4.50)			
	Material	Steel	Aluminum alloy		
Tire	Size	P195/65R15 89H	P205/55R16 89H	P205/50R17 88V	215/45R18 93Y
	Air pressure (kPa (psi))	Front 230 (34)	220 (32)	220 (32)	Rear 230 (34) 220 (32)
	Remaining tread (mm (in))	1.6 (0.06)			
Wheel and tire	Tightening (N·m (kgf·m, ft·lb))	88.2—117.6 (9.00—11.99, 65.06—86.73)			
	Wheel and tire runout (mm (in))	Radial direction	1.5 (0.06) max.		
		Lateral direction	2.5 (0.10) max.		
	Wheel imbalance (g (oz))	Knock-type ^{*2} : 9 (0.32) max.	Adhesive-type ^{*1} : 14 (0.49) max. Knock-type ^{*2} : 9 (0.31) max.	Adhesive-type ^{*1} : 13 (0.46) max. Knock-type ^{*2} : 8 (0.28) max.	Adhesive-type ^{*1} : 11 (0.38) max. Knock-type ^{*2} : 7 (0.25) max.
Temporary spare tire					
Wheel	Size	15× 4T	16× 4T	17× 4T	
	Offset (mm (in))	45 (1.8)		40 (1.6)	
	Pitch circle diameter (mm (in))	114.3 (4.50)			
Tire	Material	Steel			
	Size	T115/70 D15	T125/70 D16	T125/70 D17	
Wheel and tire	Air pressure (kPa (psi))	420 (60)			
	Wheel and tire runout (mm (in))	Radial direction	2.0 (0.08) max.		
		Lateral direction	2.5 (0.10) max.		
	Tightening (N·m (kgf·m, ft·lb))	88.2—117.6 (9.00—11.99, 65.06—86.73)			

*1 : Total weight exceeds 160 g (5.65 oz).

*2 : One balance weight: 60 g (2.12 oz) max. If the total weight exceeds 100 g (3.53 oz) on one side, rebalance after moving the tire around on the rim. Do not use three or more balance weights.

All Technical Service Bulletins (itype_100)

Tsbs

- Drivetrain - Drive Axle Clunking Noises (0300210, 2010/07/07)
- Wheels/Tires - Tire Pressure/Rotation Information (MTIP-07-12-4, 2007/12/01)
- Tire Monitor System - Warning Lamp ON/Low Tire Pressure (0200112, 2012/01/11)
- Tire Monitor System - Service Precautions (0200410, 2010/03/24)
- Tire Monitor System - Service Precaution (0200311, 2011/06/23)
- Tire Monitor System - Can't Turn OFF/On Reprogram (MTIP-08-05-5, 2008/05/01)

Customer Interest Bulletins (itype_109)

Tsbs

- Drivetrain - Drive Axle Clunking Noises (0300210, 2010/07/07)
- Tire Monitor System - Warning Lamp ON/Low Tire Pressure (0200112, 2012/01/11)

Repair Tips (itype_110)

Tsbs

- Wheels/Tires - Tire Pressure/Rotation Information (MTIP-07-12-4, 2007/12/01)
- Tire Monitor System - Service Precautions (0200410, 2010/03/24)
- Tire Monitor System - Service Precaution (0200311, 2011/06/23)
- Tire Monitor System - Can't Turn OFF/On Reprogram (MTIP-08-05-5, 2008/05/01)

Noise (itype_156)

Tsbs

- Drivetrain - Drive Axle Clunking Noises (0300210, 2010/07/07)

Warranty Information (itype_119)

Tsbs

- Drivetrain - Drive Axle Clunking Noises (0300210, 2010/07/07)