

2012 - Mazda6 - Suspension

WHEEL AND TIRE SPECIFICATION

Standard tire and wheel

Item			Specification		
Wheel	Size		16 x 6 1/2J	17 x 7J	18 x 8J
	Inset	(mm {in})	55 {2.17}		60 {2.4}
	Pitch circle diameter	(mm {in})	114.3 {4.50}		
	Material		Steel	Aluminum alloy	
Tire	Size		P205/65R16 94H	P215/55R17 93V	P235/45R18 94W
	Air pressure (kPa {psi})	Front	220 {32}		
		Rear	220 {32}		
	Remaining tread	(mm {in})	1.6 {0.063} min.		
Wheel and tire	Lug nut tightening torque	(N·m {kgf·m, ft·lbf})	88—118 {9.0—12, 65—87}		
	Wheel and tire runout	Radial direction	1.5 {0.059} max.		
	(mm {in})	Lateral direction	2.5 {0.10} max.	2.0 {0.078} max.	
	Wheel imbalance	(g {oz})	Knock-type*2: 9 {0.3} max.	Adhesive-type*1: 14 {0.49} max. Knock-type*2: 9 {0.3} max.	Adhesive-type*1: 13 {0.46} max. Knock-type*2: 8 {0.28} max.

Temporary spare tire and wheel

Item			Specification
Wheel	Size		16 x 4T
	Inset	(mm {in})	40 {1.6}
	Pitch circle diameter	(mm {in})	114.3 {4.50}
	Material		Steel
Tire	Size		T115/70D16 92M
	Air pressure	(kPa {psi})	420 {60}
	Remaining tread	(mm {in})	1.6 {0.063} min.
Wheel and tire	Lug nut tightening torque	(N·m {kgf·m, ft·lbf})	88—118 {9.0—12, 65—87}

*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.

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