

**ORG5913**

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***MAZDA MOTOR CORPORATION***

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June 4, 2010  
Our Ref. No. NH10/12

The Honorable David Strickland  
Administrator  
National Highway Traffic Safety Administration  
1200 New Jersey Avenue, SE  
Washington, DC 20590

Attention: VIN Coordinator

Subject: 2011 Model Year VIN Coding - Update

The purpose of this letter is to update our previous submission (Ref. No.NH10/05) to revise the VIN coding information as follows.

- 1) Correcting the engine type information (position 8) for Mazda2
- 2) Revising position 7 in the VIN to identify the trim level for all models except Mazda2 and Mazda6
- 3) Changing the format of VIN coding information (for all models)

If you have any questions, please contact Mr. David Robertson (313) 594 7778 at Mazda North American Operations.

Sincerely,

Mitsuhide Kikkawa  
Manager  
Vehicle Regulation & U.S. Certification Group  
Environmental and Safety Engineering Department

*ZOOM ZOOM*



**VIN system of Mazda2**

1st section			2nd section					VIN Check digit	Model year	Plant of Manufacturer	3rd section					
World Manufacturer Identifier (WMI)			Line Series Body type Engine type Restraint system type								Numerical Sequence Vehicle Identifier					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

J M 1 D E 1 H ? ? B ? ? ? ? ? ? ?

	Serial No.	100001-999999	
	Plant	0 =	MAZDA; Hiroshima, Japan
		1 =	MAZDA; Hofu, Yamaguchi, Japan
	Model Year	B =	2011
	Check digit	Calculation according to Part 565.6(c)	
	Engine type	Y =	ZY (1.5L) Federal / Canada
		Z =	ZY (1.5L) California
	Body type	H =	Hatchback
	Front airbag	1 =	with
	Side & curtain airbag		with
Carline & series	DE =	Mazda 2	
JM1 = MAZDA MAKE Passenger Car manufactured by MAZDA			

**VIN system of Mazda3**

1st section			2nd section					VIN Check digit	Model year	Plant of Manufacturer	3rd section						
World Manufacturer Identifier (WMI)			Line Series Body type Engine type Restraint system type								Numerical Sequence Vehicle Identifier						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	

J	M	1	B	L	1	?	?	?	B	?	?	?	?	?	?	?
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											Serial No.					
											100001-999999					
											Plant					
											0 = MAZDA; Hiroshima, Japan					
											1 = MAZDA; Hofu, Yamaguchi, Japan					
											Model Year					
											B = 2011					
											Check digit					
											Calculation according to Part 565.8(c)					
											Engine type					
											F = LFX (2.0L) Federal / Canada					
											G = LFX (2.0L) California					
											3 = L3T (2.3L Turbo) Federal / Canada					
											4 = L3T (2.3L Turbo) California					
											5 = L5X (2.5L) Federal / Canada					
											6 = L5X (2.5L) California					
											Trim level		Body type			
											H = - (not identified)		5door			
											J = SV/Base		Hatchback			
											K = Sport/GX					
											L = Touring/GS					
											M = Grand Touring/GT					
											N = SE					
											S = - (not identified)		4door			
											T = SV/Base		Sedan			
											U = Sport/GX					
											V = Touring/GS					
											W = Grand Touring/GT					
											X = SE					
											Front airbag		Side & curtain airbag			
											1 = with		with			
											Carline & series					
											BL = Mazda3					
JM1 = MAZDA MAKE Passenger Car manufactured by MAZDA																

**VIN system of CX-7**

1st section			2nd section					VIN Check digit	Model year	Plant of Manufacturer	3rd section						
World Manufacturer Identifier (WMI)			Line	Series	Body type	Engine type	Restraint system type				Numerical Sequence Vehicle Identifier						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	

J M 3 E R ? ? ? ? B ? ? ? ? ? ?

										<table border="1"> <tr> <td>Serial No.</td> <td>100001-000000</td> </tr> <tr> <td>Plant</td> <td>0 = MAZDA; Hiroshima, Japan 1 = MAZDA; Hofu, Yamaguchi, Japan</td> </tr> <tr> <td>Model Year</td> <td>B = 2011</td> </tr> <tr> <td>Check digit</td> <td>Calculation according to Part 565.6(c)</td> </tr> <tr> <td>Engine type</td> <td>3 = L3T (2.3L Turbo) Federal / Canada L = L3T (2.3L Turbo) California 5 = L5X (2.5L) Federal / Canada M = L5X (2.5L) California</td> </tr> </table>							Serial No.	100001-000000	Plant	0 = MAZDA; Hiroshima, Japan 1 = MAZDA; Hofu, Yamaguchi, Japan	Model Year	B = 2011	Check digit	Calculation according to Part 565.6(c)	Engine type	3 = L3T (2.3L Turbo) Federal / Canada L = L3T (2.3L Turbo) California 5 = L5X (2.5L) Federal / Canada M = L5X (2.5L) California											
Serial No.	100001-000000																																				
Plant	0 = MAZDA; Hiroshima, Japan 1 = MAZDA; Hofu, Yamaguchi, Japan																																				
Model Year	B = 2011																																				
Check digit	Calculation according to Part 565.6(c)																																				
Engine type	3 = L3T (2.3L Turbo) Federal / Canada L = L3T (2.3L Turbo) California 5 = L5X (2.5L) Federal / Canada M = L5X (2.5L) California																																				
										<table border="1"> <tr> <td>Trim level</td> <td>Body type</td> <td>GVWR</td> </tr> <tr> <td>W = - (not identified)</td> <td>4door</td> <td>Class C</td> </tr> <tr> <td>A = SV/Base</td> <td>Wagon</td> <td></td> </tr> <tr> <td>B = Sport/GX</td> <td></td> <td></td> </tr> <tr> <td>C = Touring/GS</td> <td></td> <td></td> </tr> <tr> <td>D = Grand Touring/GT</td> <td></td> <td></td> </tr> <tr> <td>E = SE</td> <td></td> <td></td> </tr> </table>							Trim level	Body type	GVWR	W = - (not identified)	4door	Class C	A = SV/Base	Wagon		B = Sport/GX			C = Touring/GS			D = Grand Touring/GT			E = SE		
Trim level	Body type	GVWR																																			
W = - (not identified)	4door	Class C																																			
A = SV/Base	Wagon																																				
B = Sport/GX																																					
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D = Grand Touring/GT																																					
E = SE																																					
										<table border="1"> <tr> <td>Chasis type</td> <td>Front airbag</td> <td>Side &amp; curtain airbag</td> </tr> <tr> <td>2 = 4 x 2</td> <td>with</td> <td>with</td> </tr> <tr> <td>4 = 4 x 4</td> <td>with</td> <td>with</td> </tr> </table>							Chasis type	Front airbag	Side & curtain airbag	2 = 4 x 2	with	with	4 = 4 x 4	with	with												
Chasis type	Front airbag	Side & curtain airbag																																			
2 = 4 x 2	with	with																																			
4 = 4 x 4	with	with																																			
										<table border="1"> <tr> <td>Carline &amp; series</td> <td>ER = CX-7</td> </tr> </table>							Carline & series	ER = CX-7																			
Carline & series	ER = CX-7																																				
<p>JM3 = MAZDA MAKE Multipurpose Passenger Vehicle manufactured by MAZDA</p>																																					

**VIN system of CX-9**

1st section			2nd section					VIN Check digit	3rd section									
World Manufacturer Identifier (WMI)			Line Series Body type Engine type Restraint system type						Model year	Plant of Manufacturer	Numerical Sequence Vehicle Identifier							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		

J M 3 T B ? ? ? ? B ? ? ? ? ? ?

Serial No.		100001-999999	
Plant		0 = MAZDA; Hiroshima, Japan 1 = MAZDA; Hofu, Yamaguchi, Japan	
Model Year		B = 2011	
Check digit		Calculation according to Part 565.6(c)	
Engine type		A = CAV (3.7L) Federal / Canada V = CAV (3.7L) California	
Trim level		Body type	
M = - (not identified)		4door	
A = SV/Base		Wagon	
B = Sport/GX			
C = Touring/GS			
D = Grand Touring/GT			
E = SE			
2 = 4 x 2	Front airbag with	Side & curtain airbag with	GVWR Class D
3 = 4 x 4	with	with	Class E
Carline & series		TB = CX-9	
JM3 = MAZDA MAKE Multipurpose Passenger Vehicle manufactured by MAZDA			

**VIN system of MX-5**

1st section			2nd section					VIN Check digit	Model year	Plant of Manufacturer	3rd section						
World Manufacturer Identifier (WMI)			Line Series Body type Engine type Restraint system type								Numerical Sequence Vehicle Identifier						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	

J M 1 N C ? ? F ? B ? ? ? ? ? ? ?

										<table border="1"> <tr><td>Serial No.</td><td>100001-999999</td></tr> <tr><td>Plant</td><td>0 = MAZDA; Hiroshima, Japan 1 = MAZDA; Hofu, Yamaguchi, Japan</td></tr> <tr><td>Model Year</td><td>B = 2011</td></tr> <tr><td>Check digit</td><td>Calculation according to Part 565.6(c)</td></tr> <tr><td>Engine type</td><td>F = LFN (2.0L)</td></tr> </table>							Serial No.	100001-999999	Plant	0 = MAZDA; Hiroshima, Japan 1 = MAZDA; Hofu, Yamaguchi, Japan	Model Year	B = 2011	Check digit	Calculation according to Part 565.6(c)	Engine type	F = LFN (2.0L)								
Serial No.	100001-999999																																	
Plant	0 = MAZDA; Hiroshima, Japan 1 = MAZDA; Hofu, Yamaguchi, Japan																																	
Model Year	B = 2011																																	
Check digit	Calculation according to Part 565.6(c)																																	
Engine type	F = LFN (2.0L)																																	
										<table border="1"> <tr> <th>Trim level</th> <th>Body type</th> </tr> <tr> <td>E = - (not identified)</td> <td>2door</td> </tr> <tr> <td>G = SV/Base</td> <td rowspan="5">Convertible</td> </tr> <tr> <td>J = Sport/GX</td> </tr> <tr> <td>L = Touring/GS</td> </tr> <tr> <td>N = Grand Touring/GT</td> </tr> <tr> <td>R = SE</td> </tr> <tr> <td>F = - (not identified)</td> <td>2door</td> </tr> <tr> <td>H = SV/Base</td> <td rowspan="5">Retractable Hardtop</td> </tr> <tr> <td>K = Sport/GX</td> </tr> <tr> <td>M = Touring/GS</td> </tr> <tr> <td>P = Grand Touring/GT</td> </tr> <tr> <td>S = SE</td> </tr> </table>							Trim level	Body type	E = - (not identified)	2door	G = SV/Base	Convertible	J = Sport/GX	L = Touring/GS	N = Grand Touring/GT	R = SE	F = - (not identified)	2door	H = SV/Base	Retractable Hardtop	K = Sport/GX	M = Touring/GS	P = Grand Touring/GT	S = SE
Trim level	Body type																																	
E = - (not identified)	2door																																	
G = SV/Base	Convertible																																	
J = Sport/GX																																		
L = Touring/GS																																		
N = Grand Touring/GT																																		
R = SE																																		
F = - (not identified)	2door																																	
H = SV/Base	Retractable Hardtop																																	
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Front airbag	Side & curtain airbag																																	
1 = with	without																																	
2 = with	with																																	
										<table border="1"> <tr><td>Carline &amp; series</td><td>NC = MX-5</td></tr> </table>							Carline & series	NC = MX-5																
Carline & series	NC = MX-5																																	
JM1 = MAZDA MAKE Passenger Car manufactured by MAZDA																																		

**VIN system of RX-8**

1st section			2nd section					VIN Check digit	Model year	Plant of Manufacturer	3rd section						
World Manufacturer Identifier (WMI)			Line	Series	Body type	Engine type	Restraint system type				Numerical Sequence Vehicle Identifier						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	

J M 1 F E 1 ? ? ? B ? ? ? ? ? ?

										<table border="1"> <tr><td>Serial No.</td><td>100001-999999</td></tr> <tr><td>Plant</td><td>0 = MAZDA; Hiroshima, Japan 1 = MAZDA; Hofu, Yamaguchi, Japan</td></tr> <tr><td>Model Year</td><td>B = 2011</td></tr> <tr><td>Check digit</td><td>Calculation according to Part 585.6(c)</td></tr> </table>							Serial No.	100001-999999	Plant	0 = MAZDA; Hiroshima, Japan 1 = MAZDA; Hofu, Yamaguchi, Japan	Model Year	B = 2011	Check digit	Calculation according to Part 585.6(c)				
Serial No.	100001-999999																											
Plant	0 = MAZDA; Hiroshima, Japan 1 = MAZDA; Hofu, Yamaguchi, Japan																											
Model Year	B = 2011																											
Check digit	Calculation according to Part 585.6(c)																											
										<table border="1"> <tr><td>Engine type</td><td>M = 13B (1.3L) Standard Power / California 2 = 13B (1.3L) High Power / California P = 13B (1.3L) Standard Power / Federal / Canada 4 = 13B (1.3L) High Power / Federal / Canada</td></tr> <tr><td>Trim level</td><td>C = - (not identified) P = SV/Base R = Sport/GX S = Grand Touring/GT T = R3 U = SE</td></tr> <tr><td>Body type</td><td>4door Coupe</td></tr> <tr><td>Front airbag</td><td>1 = with</td></tr> <tr><td>Side &amp; curtain airbag</td><td>with</td></tr> <tr><td>Carline &amp; series</td><td>FE = RX-8</td></tr> </table>							Engine type	M = 13B (1.3L) Standard Power / California 2 = 13B (1.3L) High Power / California P = 13B (1.3L) Standard Power / Federal / Canada 4 = 13B (1.3L) High Power / Federal / Canada	Trim level	C = - (not identified) P = SV/Base R = Sport/GX S = Grand Touring/GT T = R3 U = SE	Body type	4door Coupe	Front airbag	1 = with	Side & curtain airbag	with	Carline & series	FE = RX-8
Engine type	M = 13B (1.3L) Standard Power / California 2 = 13B (1.3L) High Power / California P = 13B (1.3L) Standard Power / Federal / Canada 4 = 13B (1.3L) High Power / Federal / Canada																											
Trim level	C = - (not identified) P = SV/Base R = Sport/GX S = Grand Touring/GT T = R3 U = SE																											
Body type	4door Coupe																											
Front airbag	1 = with																											
Side & curtain airbag	with																											
Carline & series	FE = RX-8																											
JM1 =										MAZDA MAKE Passenger Car manufactured by MAZDA																		

**VIN system of Mazda6**

1st section			2nd section					VIN Check digit	Model year	Plant of Manufacturer	3rd section					
World Manufacturer Identifier (WMI)			Line Series Body type Engine type Restraint system type								Numerical Sequence Vehicle Identifier					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

1 Y V H Z 8 ? ? ? B 5 ? ? ? ? ? ?

<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">                 Serial No.                  M00001-M99999                  N00001-N99999             </div> <p style="font-size: small;">Return to M00001 when Model Year at position#10 renews. Restart with N00001 after getting to M99999.</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">                 Plant                  5 = AAI, Flat Rock, Michigan / USA             </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">                 Model Year                  B = 2011             </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">                 Check digit                  Calculation according to Part 565.6(c)             </div> <table border="1" style="font-size: x-small; margin-bottom: 5px;"> <tr> <td>Engine type</td> <td>Engine Plant</td> </tr> <tr> <td>H = 2.5L I-4</td> <td>Hiroshima</td> </tr> <tr> <td>B = 3.7L V-6</td> <td>Hiroshima</td> </tr> </table> <table border="1" style="font-size: x-small; margin-bottom: 5px;"> <tr> <td>Trim level</td> <td>Body type</td> </tr> <tr> <td>B = Base grade</td> <td>Sedan</td> </tr> <tr> <td>C = High grade</td> <td></td> </tr> </table> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">                 Carline &amp; series                  8 = Mazda6             </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">                 Car identifier                  Z = Passenger car             </div> <table border="1" style="font-size: x-small; margin-bottom: 5px;"> <tr> <td>Front airbag</td> <td>Side &amp; curtain airbag</td> </tr> <tr> <td>H = with</td> <td>with</td> </tr> </table>	Engine type	Engine Plant	H = 2.5L I-4	Hiroshima	B = 3.7L V-6	Hiroshima	Trim level	Body type	B = Base grade	Sedan	C = High grade		Front airbag	Side & curtain airbag	H = with	with	1YV = MAZDA MAKE Passenger Car manufactured by AAI
	Engine type	Engine Plant															
	H = 2.5L I-4	Hiroshima															
	B = 3.7L V-6	Hiroshima															
	Trim level	Body type															
	B = Base grade	Sedan															
	C = High grade																
	Front airbag	Side & curtain airbag															
	H = with	with															