



TALLERES LOZANO, S.A. DE C.V.
PART 565 VIN DECODING INFORMATION
VEHICLE IDENTIFICATION NUMBER REQUIREMENTS

1.- According to NOM (Norma Oficial Mexicana) our VIN is integrated by four sections

1.1 First Section: In our case the World Manufacturer Identifier that was assigned by the Society of Automotive Engineers is: 3 T 9 those characters are for the First Three positions of the VIN as is determined by previous item 1 and is formed by three characters.

1.2 Second Section: Description of the vehicle, describes the general characteristics of the vehicles, is formed by five characters and occupy the positions four through eight of the VIN and those are determined as follows:

Two characters are assigned for the type of the Unit, these are the positions four and five which are determined as shown below:

<u>Type of Vehicle</u>	<u>Positions 4 and 5</u>	<u>Manufacturing Materials</u>
Flatbed	PL	metal(steel), wood, tarp and Mechanism, tires, lights
Chassis Container	CP	metal(steel), tires, lights
Dry Freighth Van	CC	metal(steel and aluminum) Wood, tires, lights
Low Boy (bed)	CB	metal(steel) wood, tires, lights
Tank trailer	TA	metal(steel) tires, lights
Dump trailer	CV	metal(steel) tires, lights
Sand Container	TR	metal(steel) tires, lights
Cattle trailer	FG	metal(steel and aluminum) Wood, tires, lights

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 CD. BENITO JUAREZ, N.L. C.P. 67250 TELS. 01 (81) 81-27-10-00 Y 83-26-18-30
 VENTAS 01 (81) 83-26-18-34, 83-26-18-35, FAX 83-26-18-38
 E-MAIL: ventas@remolqueslozano.com.mx

OFICINA CINTERMEX: AVE FUNDIDORA No. 501 PLANTA BAJA LOCAL 113
 COL. PARQUE FUNDIDORA C.P. 64010 TEL. Y FAX 01 (81) 83-69-67-24, 83-69-67-25, 83-69-67-30
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The positions 6 and 7, are assigned to describe the length of the unit in feet and inches

Feet	Inches	Position 6	Position 7	Feet	Inches	Position 6	Position 7
<u>10</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>37</u>	<u>0</u>	<u>3</u>	<u>7</u>
<u>10</u>	<u>1</u>	<u>1</u>	<u>0</u>	<u>38</u>	<u>0</u>	<u>3</u>	<u>8</u>
<u>10</u>	<u>3</u>	<u>1</u>	<u>0</u>	<u>40</u>	<u>0</u>	<u>4</u>	<u>0</u>
<u>10</u>	<u>11</u>	<u>1</u>	<u>0</u>	<u>40</u>	<u>2</u>	<u>4</u>	<u>0</u>
<u>11</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>40</u>	<u>8</u>	<u>4</u>	<u>0</u>
<u>11</u>	<u>4</u>	<u>1</u>	<u>1</u>	<u>40</u>	<u>9</u>	<u>4</u>	<u>0</u>
<u>11</u>	<u>1</u>	<u>1</u>	<u>11</u>	<u>41</u>	<u>0</u>	<u>4</u>	<u>1</u>
<u>20</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>42</u>	<u>0</u>	<u>4</u>	<u>2</u>
<u>23</u>	<u>0</u>	<u>2</u>	<u>3</u>	<u>43</u>	<u>0</u>	<u>4</u>	<u>3</u>
<u>23</u>	<u>6</u>	<u>2</u>	<u>3</u>	<u>44</u>	<u>0</u>	<u>4</u>	<u>4</u>
<u>24</u>	<u>0</u>	<u>2</u>	<u>4</u>	<u>44</u>	<u>1</u>	<u>4</u>	<u>4</u>
<u>26</u>	<u>0</u>	<u>2</u>	<u>6</u>	<u>45</u>	<u>0</u>	<u>4</u>	<u>5</u>
<u>27</u>	<u>0</u>	<u>2</u>	<u>7</u>	<u>45</u>	<u>4</u>	<u>4</u>	<u>5</u>
<u>27</u>	<u>6</u>	<u>2</u>	<u>7</u>	<u>47</u>	<u>0</u>	<u>4</u>	<u>7</u>
<u>27</u>	<u>7</u>	<u>2</u>	<u>7</u>	<u>48</u>	<u>0</u>	<u>4</u>	<u>8</u>
<u>28</u>	<u>0</u>	<u>2</u>	<u>8</u>	<u>48</u>	<u>9</u>	<u>4</u>	<u>8</u>
<u>30</u>	<u>0</u>	<u>3</u>	<u>0</u>	<u>49</u>	<u>0</u>	<u>4</u>	<u>9</u>
<u>30</u>	<u>1</u>	<u>3</u>	<u>0</u>	<u>49</u>	<u>10</u>	<u>4</u>	<u>9</u>
<u>30</u>	<u>4</u>	<u>3</u>	<u>0</u>	<u>50</u>	<u>0</u>	<u>5</u>	<u>0</u>
<u>32</u>	<u>0</u>	<u>3</u>	<u>2</u>	<u>51</u>	<u>0</u>	<u>5</u>	<u>1</u>
<u>33</u>	<u>0</u>	<u>3</u>	<u>3</u>	<u>53</u>	<u>0</u>	<u>5</u>	<u>3</u>
<u>35</u>	<u>0</u>	<u>3</u>	<u>5</u>	<u>53</u>	<u>9</u>	<u>5</u>	<u>3</u>
<u>36</u>	<u>0</u>	<u>3</u>	<u>6</u>				

Position eight is for describing the amount of the axles that the unit has

Axles	Position 8
1	1
2	2
3	3
4	4

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1.3 Third section: is conformed by the check digit the objective is to verify the authenticity of VIN, formed by one single character that occupy position number 9 this number is assigned as follows:

a.- every digit has the mathematical value that represents in the case of the characters(letters) they are assigned a value according to following list:

character	value	character	value
<u>A = 1</u>	<u>B = 2</u>	<u>C = 3</u>	<u>D = 4</u>
<u>E = 5</u>	<u>F = 6</u>	<u>G = 7</u>	<u>H = 8</u>
<u>J = 1</u>	<u>K = 2</u>	<u>L = 3</u>	<u>M = 4</u>
<u>N = 5</u>	<u>P = 7</u>	<u>R = 9</u>	<u>S = 2</u>
<u>T = 3</u>	<u>U = 4</u>	<u>V = 5</u>	<u>W = 6</u>
<u>X = 7</u>	<u>Y = 8</u>	<u>Z = 9</u>	

b.- the value of each character is multiplied by the factor specified in the following list:

position	value	position	value	position	value
<u>1 a.</u>	<u>8</u>	<u>7 a.</u>	<u>2</u>	<u>13 a.</u>	<u>6</u>
<u>2 a.</u>	<u>7</u>	<u>8 a.</u>	<u>10</u>	<u>14 a.</u>	<u>5</u>
<u>3 a.</u>	<u>6</u>	<u>9 a.</u>	empty	<u>15 a.</u>	<u>4</u>
<u>4 a.</u>	<u>5</u>	<u>10 a.</u>	<u>9</u>	<u>16 a.</u>	<u>3</u>
<u>5 a.</u>	<u>4</u>	<u>11 a.</u>	<u>8</u>	<u>17 a.</u>	<u>2</u>
<u>6 a.</u>	<u>3</u>	<u>12 a.</u>	<u>7</u>		

c.- The result is added and the total is divided by 11

d.- The numerical remainder is the check digit, if the remainder is equal 10 an "X" letter shall be used.

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1.4 Fourth Section: the objective of this section is to individually identify the vehicle and is made by eight characters which stand in positions 10 to 17 of VIN.

Position 10 of this section refers to model year of vehicle which is determined by Secretary of Economy and according to the list shown below

Model Year	Character	Model Year	Character
<u>1998</u>	<u>W</u>	<u>2006</u>	<u>6</u>
<u>1999</u>	<u>X</u>	<u>2007</u>	<u>7</u>
<u>2000</u>	<u>Y</u>	<u>2008</u>	<u>8</u>
<u>2001</u>	<u>1</u>	<u>2009</u>	<u>9</u>
<u>2002</u>	<u>2</u>	<u>2010</u>	<u>A</u>
<u>2003</u>	<u>3</u>	<u>2011</u>	<u>B</u>
<u>2004</u>	<u>4</u>	<u>2012</u>	<u>C</u>
<u>2005</u>	<u>5</u>	<u>2013</u>	<u>D</u>

Position 11 of this section refers to the plant of manufacture in our case is M for Monterrey

Positions 12, 13 and 14 of this section are assigned according to the register of the international organism SAE , and because of that, those positions are fixed with the digits 0 2 1 corresponding to the last three digits of the given register 3 T 9 / 0 2 1

Position 15, 16 and 17 of this section correspond to the number sequentially assigned by the manufacturer of the units, in the production process. Example: 101, 102, 103 Restarting every year.

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