SR TRAILERS
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ORIGINAL

01-022-NIG- 8670

VIN Calculations

The following characters (17) are listed below and should be used as follows:

1 pg

(1)   This character is always "1"
(2)   This character is always "S"
(3)   This character is always "9"
(4)   Type of trailer as follows -
        C = car hauler   O = open pit   E = enclosed   A = angle
        B = bobcat   P = pipetop   G = gooseneck
(5)   This character is always "S"
(6)   This character is used with character 7 for determining the total length of trailer
        (including tongue).Example: a 5x10 trailer with a 3 foot tongue would be a "1"
        for the 6th character and a "3" for the 7th character. Example 2: A 4x6 trailer
        with a 3 foot tongue would be a "0" for the 6th character and a "9" for the 7th
        character.
(7)   See character number 6 for this character.
(8)   This character is for the number of axles on trailer.
(9)
(10)   This character is the model year and is used as follows:
        Y = 2000   1 = 2001
(11)   This character is used for location trailer was built - F = Foley
(12)   This character is always "8".
(13)   This character is always "2".
(14)   This character is always "3".
(15)   This character is always used with the 16th and 17th characters and is used for
        determining the number of trailers built. Example - the first trailer built would be
        001. "0" for the 15th character, "0" for the 16th character, and "1" for the 17th
        character.
(16)   See the 15th character.
(17)   See the 15th character.

Chart for figuring the 9th character (the check digit).
Write down each number in "MSO" and use the following for all letters.
a=1   b=2   c=3   d=4   e=5   f=6   g=7   h=8   j=1   k=2   l=3   m=4
n=5   p=7   r=9   s=2   t=3   u=4   v=5   w=6   x=7   y=8   z=9
Now, take all 17 characters and multiply by the following numbers for each character
1st x 8, 2nd x 7, 3rd x 6, 4th x 5, 5th x 4, 6th x 3, 7th x 2, 8th x 10, 10th x 9, 11th x 8,
12th x 7, 13th x 6, 14th x 5, 15th x 4, 16th x 3, and the 17th x 2.
Now, add all numbers and divide by 11. The numerical remainder is the check digit. If
the remainder is 10, the use "x". If the number following the remainder is 5 or more, then
the remainder is increased by one number.