ORG 8118

Trinity Industries

Date: 10/10/2012

VIN Deciphering Submission -TRINITY INDUSTRIES de MEXICO SA de CV		
1st Section		
Position 1	WMI	3 = Assigned by SAE/Mexico
Position 2	WMI	T= Assigned by SAE/Mexico
Position 3	WMI	9 = Assigned by SAE/Mexico
Position 4	Trailer Type	1 = Simple Semitrailer Meets T3- T2 or T3-S3
		2 = Full Semitrailer Meets T3-S2-R3 or T3-S2
		3 = A Tractor, Semitrailer, and Trailer
		4 = Semitrailer/ Trailer with a Pintle Hook
Position 5	Brake Type	T = Pneumatic
Position 6	Length	A = 10.01-10.50m
		B = 10.51-11.00m
		C = 11.01-11.50m
		D = 11.51-12.00m
		E = 12.01-12.50m
		F = 12.51-13.00m
		G = 13.01-13.50m
		H = 13.51-14.00m
		J = 14.51-15.00m
		K = 15.01-16.00m
		L = 14.01-14.50m
		M = 9.00-9.50m
		N = 9.51-10.00m
		P = 8.01-8.99m
		R = 7.01-8.00m
		S = 6.01-7.00m
Position 7	Number of Axles	2 = 2 Axles
		3 = 3 Axles
		4 = 2 Axle Air Suspension
		5 = 3 Axle Air Suspension
		6 = 2 Axle Mechanical Suspension
		7 = 3 Axle Mechanical Suspension
Position 8	Material and Plumbing Application	A = SA-612 for LPG
		B = SA-612 for NH3
		C = SA-612 for Propylene
		D = SA-517 for LPG
		E = SA-517 for NH3
		F = SA-517 for Propylene
		G = SA-517 for CO2
		H = ANSI IPR, Machinery Transport
		J = A-36 for H2O

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Position 9	Algorithm Check Digit																
Character	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Real	3	T	9	1	T					X	7	0	4	9			
Converter	3	3	9	1	3					7	7	0	4	9			
Mulitplyer	8	7	6	5	4	3	2	10	0	9	8	7	6	5	4	3	2
	24	21	54	5	12					63	56	0	24	45			

Conversion Table For Letters and Numbers		Verification Digit
A=1	N=5	
B=2	P=7	
C=3	R=9	
D=4	S=2	
E=5	T=3	
F=6	U=4	
G=7	V=5	
H=8	W=6	
J=1	X=7	
K=2	Y=8	
L=3	Z=9	
M=4		

Sum Obtained from the Multiplication	Divided Entry	Like Number or Entry	Like Decimal
	11	22	0.4545

Example

247	11	22	0.4545

.45 Decimal Obtained is the Digit Verifier and Must Number 5 Shown in the Table Check Digit

Verification Digit	
If the Tenth Digit Value is	The Check Digit Is
0.09	1
0.18	2
0.27	3
0.36	4
0.45	5
0.54	6
0.63	7
0.72	8
0.81	9
0.90	x
0.00	0

Position 10	Model Year	Y = 2000
		1 = 2001
		2 = 2002
		3 = 2003
		4 = 2004
		5 = 2005
		6= 2006
		7 = 2007
		8 = 2008
		9 = 2009
		A = 2010
		B = 2011
		C = 2012
		D = 2013
Position 11	Plant Number	7 = Plant 397 Huehuetoca MX Semitrailer Plant
		9 = Plant 319 Huehuetoca MX Platform Plant
Position 12 - 13	WMI	049
Position 15-17	Sequentially Assigned Resetting at the Start of every Year	001, 002, 003 etc.