



QMC CRANES, LLC

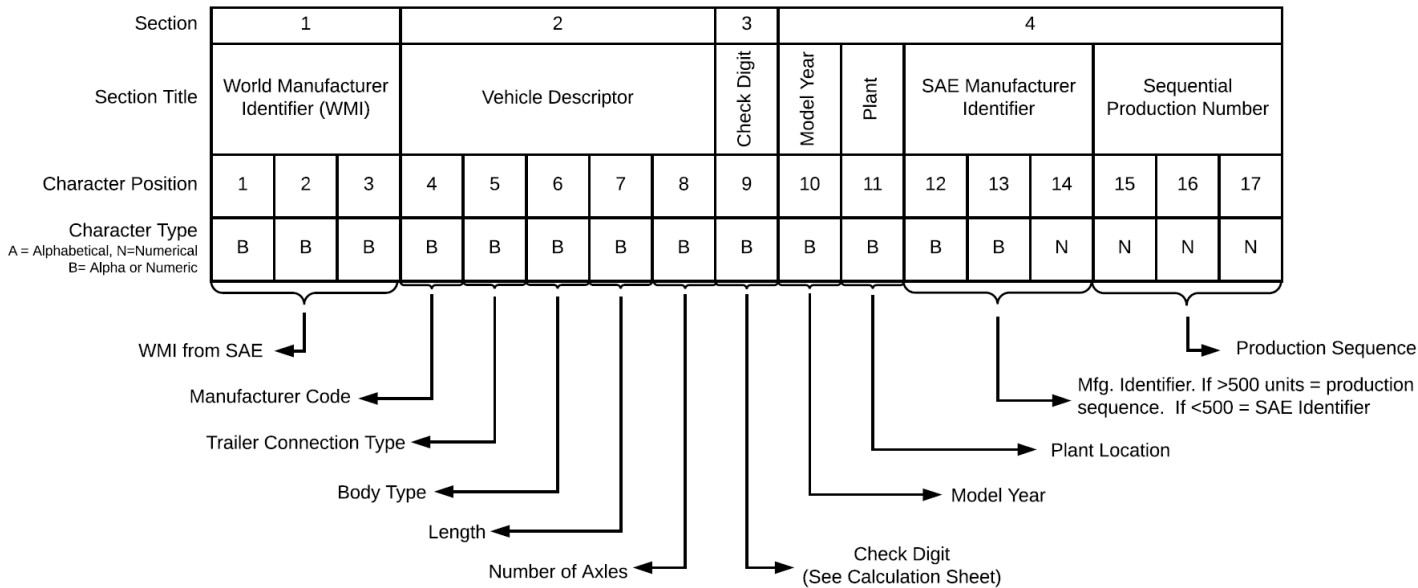
VEHICLE IDENTIFICATION NUMBER (VIN)
ISSUING

REV: AUGUST 2019



VEHICLE IDENTIFICATION NUMBER (VIN)

VEHICLE TYPE: TRAILER





SECTION	POSITION	ITEM	VALUE
1	1, 2 & 3	WMI	1 Z 9
2	4	MANUFACTURER CODE	C = QMC CRANES, LLC.
	5	TRAILER CONNECTION TYPE	1 = 5TH WHEEL 2 = PINTLE HITCH
	6	BODY TYPE	D = DROP DECK F = FLAT DECK
	7	LENGTH (FT)	A = 31 G = 45 B = 33 H = 46 C = 41 J = 48 D = 42 K = 53 E = 43 F = 44
	8	NUMBER OF AXLES	2 = 2 AXLE 3 = 3 AXLES
3	9	CHECK DIGIT	CALCULATED
4	10	MODEL YEAR	FROM TABLE
	11	PLANT LOCATION	F = FOUNTAIN VALLEY S = SPARKS
	12, 13 & 14	WMI - SAE CODE	4 9 0
	15, 16 & 17	PRODUCTION SEQUENCE	001, 002, 003, ...

EXAMPLE VIN:
1Z9C2FB29GF490188

MODEL YEAR & VALUE									
1985	F	2000	Y	2015	F	2030	Y		
1986	G	2001	1	2016	G	2031	1		
1987	H	2002	2	2017	H	2032	2		
1988	J	2003	3	2018	J	2033	3		
1989	K	2004	4	2019	K	2034	4		
1990	L	2005	5	2020	L	2035	5		
1991	M	2006	6	2021	M	2036	6		
1992	N	2007	7	2022	N	2037	7		
1993	P	2008	8	2023	P	2038	8		
1994	R	2009	9	2024	R	2039	9		
1995	S	2010	A	2025	S				
1996	T	2011	B	2026	T				
1997	V	2012	C	2027	V				
1998	W	2013	D	2028	W				
1999	X	2014	E	2029	X				



CHECK DIGIT CALCULATION

CHARACTER POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
ACTUAL VIN																		
CONVERTED VALUES																		
MULTIPLIER	8	7	6	5	4	3	2	10		9	8	7	6	5	4	3	2	
PRODUCT (CONVERTED * MULTIPLIER)																		SUM OF PRODUCT 0

CONVERSION TABLE LETTERS TO NUMBERS	
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	

COMPUTING CHECK DIGIT			
SUM OF PRODUCT FROM ABOVE	DIVIDE BY 11	EQUALS*	CHECK DIGIT VALUE (FROM TABLE)
	11		
EXAMPLE			
247	11	22.455	5

*ROUND TO 3 DECIMAL PLACES

CHECK DIGIT TABLE	
DECIMAL VALUE	CHECK DIGIT
0.091	1
0.182	2
0.273	3
0.364	4
0.455	5
0.545	6
0.634	7
0.727	8
0.818	9
0.909	X

INSTRUCTIONS:

1. FILL IN ACTUAL VIN NUMBER IN TOP TABLE, LEAVING POSITION 9 BLANK
2. USING THE LETTERS TO NUMBER CONVERSION TABLE, FILL IN THE CONVERTED VALUES FOR EACH CHARACTER POSITION. IF THE ACTUAL VIN USES A NUMBER IN THE POSITION, COPY THE NUMBER TO THE CONVERTED VALUES LINE.
3. MULTIPLY THE CONVERTED VALUES WITH THE MULTIPLIER NUMBER IN EACH CORRESPONDING POSITION AND COMPLETE THE PRODUCT VALUE FOR EACH ITEM
4. SUM THE PRODUCT VALUES AND FILL IN THE "SUM OF PRODUCT" BOX WITH THE TOTAL VALUE
5. DUPLICATE THE "SUM OF PRODUCT" VALUE FROM TABLE 1 INTO THE CORRESPONDING BOX OF THE "COMPUTING CHECK DIGIT" TABLE
6. DIVIDE THE SUM BY 11 AND COMPLETE THE "EQUALS" SECTION, ROUNDING THE VALUE TO 3 DECIMAL PLACES
7. USING THE "CHECK DIGIT TABLE" FIND THE CORRESPONDING CHECK DIGIT BASED ON THE DECIMAL VAULE CALCULATED