ORG 8565

Lakes Enterprises, Inc. DBA

Lakes Enterprises Inc. dba
Maurer Manufacturing
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V.I.N. (Vehicle Identification Number)

Character(s)	L/N	Description
1,2,3	57C	Assigned World Manufacturer Identifier
4	B	Bumper Hitch Trailer (Utility,Tiltbed, Head Transporter, Pup)
	G	Gooseneck Hitch Trailer
	K	King pin Hitch Trailer (Fert. Tndr, Dropdeck, Grain, Crushed Car, Gondola)
5	D	Deck/Flatbed Trailer (Fert. Tndr, Gooseneck, Head Transport Bumper, Crushed Car, Gondola)
	G	Grain Trailers, (Pup, Grain)

6,7 — Length will be given as distance from hitch to back of trailer.
Rounded up to nearest foot.
Head Transport old style tongue (71") add 10'
Head Transport new style tongue (46") add 8'
Gooseneck add 8' for hitch.
Utility Trailer add 4' for bumper hitch.
Tiltbed Trailer add 5' for bumper hitch.
    Note: On Utility and Tiltbed add another 2' if they have dovetail

8 — Number of axles,
    Head Transport single rear axle 20', 24', 28', 32' & 38' = 2 Axle
    Head Transport tandem rear axle 32', 38' & 42' = 3 Axles
    Steel grain: 24' = 1 axle, 28' - 42' = 2 axle
    Alum grain: 22' = 1 axle, 28' - 42' = 2 Axles, 45' and 48' = 3 axles
    Crushed Car Carrier 48' = 2 Axles
    Crushed Car Carrier 50' = 3 Axles
    Gondola Trailer = 2 Axles
    Small Trailers = 2 Axles

9 — Check Digit

10 — Model Year (see chart below)

11 — S — Spencer, IA

12,13,14,15,16,17 — 1 - 999,999 — Numerical order by which trailers were manufactured.

Model Year Chart:					
Year	Code	Year	Code	Year	Code
2014	E	2015	F	2016	G

WORKSHEET: CHECK DIGIT CALCULATION

CHARACTER POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
ACTUAL V.I.N.	5	7	C								S							
CONVERTED VALUES	5	7	3								2							
MULTIPLIER	8	7	6	5	4	3	2	10	0	9	8	7	6	5	4	3	2	SUM OF PRODUCTS
PRODUCT (VALUES X MULTIPLIER)	40	49	18								16							

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	

CHECK DIGIT COMPUTATION

SUM OF PRODUCTS (FROM ABOVE)	DIVIDED BY	EQUALS	
		WHOLE NUMBER	+ DECIMAL
	11		
EXAMPLE			
247	11	22	0.4545
BECAUSE THE DECIMAL IS .45, YOU SHOULD CHOOSE THE CHECK DIGIT AS 5, AS SHOWN IN THE CHECK DIGIT TABLE.			

CHECK DIGIT

IF THE DECIMAL 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