NS4

S & S / SUPERIOR OF OHIO, INC.

World Leader in Professional Vehicles

S & S COACH COMPANY

SUPERIOR COACHES

ORIGINAL

01-22-N11B-6002

June 6, 1995

National Highway Traffic Safety Administration
Attention: Administrator
400 Seventh Street S.W.
Washington, D.C. 20590

6 pp

RECEIVED NHTSA DOCKET '96 JAN 17 P3:19

RE: 49 CFR PART 565

Dear Sir:

Enclosed is our VIN construction for Diamont "T" trucks which Superior will manufacturer.

If required, further information pertinent to these vehicles will be provided on request.

Sincerely,

Donald H. Cox P.E.

Donald H. Cox, P.E.
Consultant

DHC:st

enclosures

cc: R. Benedict
C. Travis

001

2550 CENTRAL POINT PARKWAY, P. O. BOX 1981, LIMA, OHIO 45802-1981 • TELEPHONE 419/222-1501 • FAX 419/222-4450

DIAMOND "T" TRUCK

VIN CONSTRUCTION

SUPERIOR TRUCK & TRACTOR MANUFACTURING COMPANY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	- Positions
4	1	S	T	T	1	1	T	_	S	B	0	0	0	0	0	1	- VIN

World Maker Identifier

Truck Type

- Sequence Number
- Plant Code
- Model Year
- Check Digit
- GVW Range & Brake System
- Engine Code

Positions 1- 3 WMI
41S - Superior Coaches

Positions 4 - 5 - Truck Type

TT - Truck Tractor
CC = Chassis Cab

Positions 6 - 7 - Engine Code

10 - Cummins	N14 - 350 HP
11 - Cummins	N14 - 410 HP
12 - Cummins	B5.9 - 190 HP
13 - Cummins	C8.3 - 210 HP
14 - Cummins	C8.3 - 250 HP
15 - Cummins	C8.3 - 275 HP
16 - Caterpillar	3306C - 300 HP
17 - Caterpillar	3116 - 275 HP

Position 8 - GVW Range & Brake System

GVW Range			Brake System Air	Brake System HYD
0	to	6000	A	B
6000	to	10000	C	D
10001	to	14000	E	F
14001	to	16000	G	H
16001	to	19500	J	K
19501	to	26000	L	M
26001	to	33000	N	P
33001	to	55000	R	S
55001	to	110000	T	U

Position 9 - check Digit (calculation from 16 positions)

The check digit is determined by carrying out the mathematical computation as follows:

1) Assign to each number in the vehicle identification number its actual mathematical value and assign to each letter the value specified in the table.

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

Position 9 - Check Digit (calculation from 16 positions)
(continued)

2) Multiply the assigned value for each position in the vehicle identification number by the weight factor specified in table.

Position and Weight Factor

1st	8	10th	9
2nd	7	11th	8
3rd	6	12th	7
4th	5	13th	6
5th	4	14th	5
6th	3	15th	4
7th	2	16th	3
8th	10	17th	2
9th	0		

3) Add the resulting products and divide the total by eleven (11).

4) The decimal remainder is the check digit which appears in the ninth position of the VIN. Decimal remainders equal the check digit as shown below:

WITH CALCULATOR

.09 = 1	.54 = 6
.18 = 2	.63 = 7
.27 = 3	.72 = 8
.36 = 4	.81 = 9
.45 = 5	.90 = x
	.00 = o

Position 10 - Model Year

Year	Code
1995	S
1996	T
1997	V
1998	W
1999	X
2000	Y
2001	1
2002	2
2003	3
2004	4
2005	5
2006	6
2007	7
2008	8
2009	9
2010	A

Position 11 - Production Plant

A. 2550 Central Point Parkway, Lima, Ohio
B. 600 E. Wayne Street, Lima, Ohio

Positions - 12,13,14,15,16,17 - Chassis Sequence Numbers

000 001 - 000 100

E X A M P L E :

4	1	S	T	T	1	1	T	0	S	3	0	0	0	0	0	1	
4	1	2	3	3	1	1	3	0	2	2	0	0	0	0	0	1	ASSIGNED VALUE
8	7	6	5	4	3	2	10	0	9	8	7	6	5	4	3	2	MULTIPLY BY
32	7	12	15	12	32		30	0	18	16	0	0	0	0	0	2 = 149	ADD PRODUCTS

149 ÷ 11 = 13.54 = 6 CHECK DIGIT DIVIDE BY

006

41S TT 11 T 6 S B 000 0001 - VIN