AF 14086 SAVANNAH BLUE PRINT CO., SAVANNAH, GA.

NOTE:
ALL SPACES PROVIDED FOR IN THE VEHICLE IDENTIFICATION NUMBER MUST BE OCCUPIED BY A CHARACTER SPECIFIED IN TABLE I.

MANUFACTURER'S IDENTIFICATION (STATIC)		LESS THAN 500 ASSY'S PER YEAR (STATIC)	LENGTH IN INCHES (VARIABLE) ± 12"	WIDTH IN INCHES (VARIABLE) ± 12"	TYPE CONNECTION (VARIABLE)	Nº OF AXLES (VARIABLE)	SUMP TANK (VARIABLE)	CHECK DIGIT	MODEL YEAR (VARIABLE) (SEE TABLE II)	PLANT LOC. (STATIC) STATESBORO, GA.	TRAILER MFG. I.D. (STATIC)			SEQUENTIAL Nº (VARIABLE)		
1	E	9								1	0	4	8			

A- 202
B-

3
2
1

2-WITHOUT
1-WITH

1-2 5/16 BALL HITCH
2-5TH WHEEL
3-GOOSE NECK

A- 88
B-

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 FOR IT IN TABLE III.

2-MULTIPLY THE ASSIGNED VALUE FOR EACH CHARACTER IN THE VEHICLE IDENTIFICATION NUMBER BY THE WEIGHT FACTOR SPECIFIED FOR IT IN TABLE IV. MULTIPLY THE CHECK DIGIT BY 0.

3-ADD THE RESULTING PRODUCTS AND DIVIDE THE TOTAL BY 11. WHEN USING LONG DIVISION, THE REMAINDER IS THE CHECK DIGIT. IF THE REMAINDER IS 10, THE CHECK DIGIT IS X. WHEN USING CALCULATOR, SEE TABLE V.

EXAMPLE:

CHECK DIGIT CALCULATIONS

1	E	9	A	A	3	2	2	3	E	1	0	4	8	0	0	0	
VEHICLE IDENTIFICATION NUMBER																	
1	5	9	1	1	3	2	2		5	1	0	4	8	0	0	0	
ASSIGNED VALUE FROM TABLE III																	
TIMES																	
8	7	6	5	4	3	2	10	0	9	8	7	6	5	4	3	2	
MULTIPLIER																	
8	35	54	5	4	9	4	20	0	45	8	0	24	40	0	0	0	= 256
ADD PRODUCTS →																	SUM

DIVIDE SUM BY 11 USING LONG DIVISION OR A CALCULATOR

```
      23
11)256   ← LONG DIVISION
   22
    36
    33
     3 — REMAINDER
```

OR CALCULATOR → 256 ÷ 11 = 23.27

TABLE I

NUMBERS:
1234567890
LETTERS:
ABCDEFGHJKLMNPRSTUVWXYZ

TABLE II

YEAR	CODE
1980	A
1981	B
1982	C
1983	D
1984	E
1985	F
1986	G
1987	H
1988	J
1989	K
1990	L
1991	M
1992	N
1993	P
1994	R
1995	S
1996	T

TABLE II CONTINUED

YEAR	CODE
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
2011	B
2012	C

TABLE III

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	

TABLE IV

1ST	8
2ND	7
3RD	6
4TH	5
5TH	4
6TH	3
7TH	2
8TH	10
CHECK DIGIT	0

TABLE IV CONTINUED

9TH	9
10TH	8
11TH	7
12TH	6
13TH	5
14TH	4
15TH	3
16TH	2

TABLE V

DECIMAL	CHECK DIGIT
.09	1
.18	2
.27	3
.36	4
.45	5
.54	6
.63	7
.72	8
.81	9
.90	X
.00	0

COMPACT PROVER TRAILER

ITEM	DESCRIPTION	PART NUMBER	REQ	REF DWG

SYM.	CHANGE	DATE	MATERIAL	USED ON	REQ.
			TOLERANCES NOT SPECIFIED: DECIMAL ± ___ FRACTION ± ___ FINISH CONCENTRICITY		
			Heat Treatment And Finish		

BROOKS INSTRUMENT DIVISION
EMERSON ELECTRIC CO.
STATESBORO, GEORGIA
EMERSON

VEHICLE IDENTIFICATION NUMBER
— CODE SHEET —

DWN. D.C | SCALE ~
APV. DCA 5-16-289 | DATE 7/24/84
NO. 93370-E

2 3

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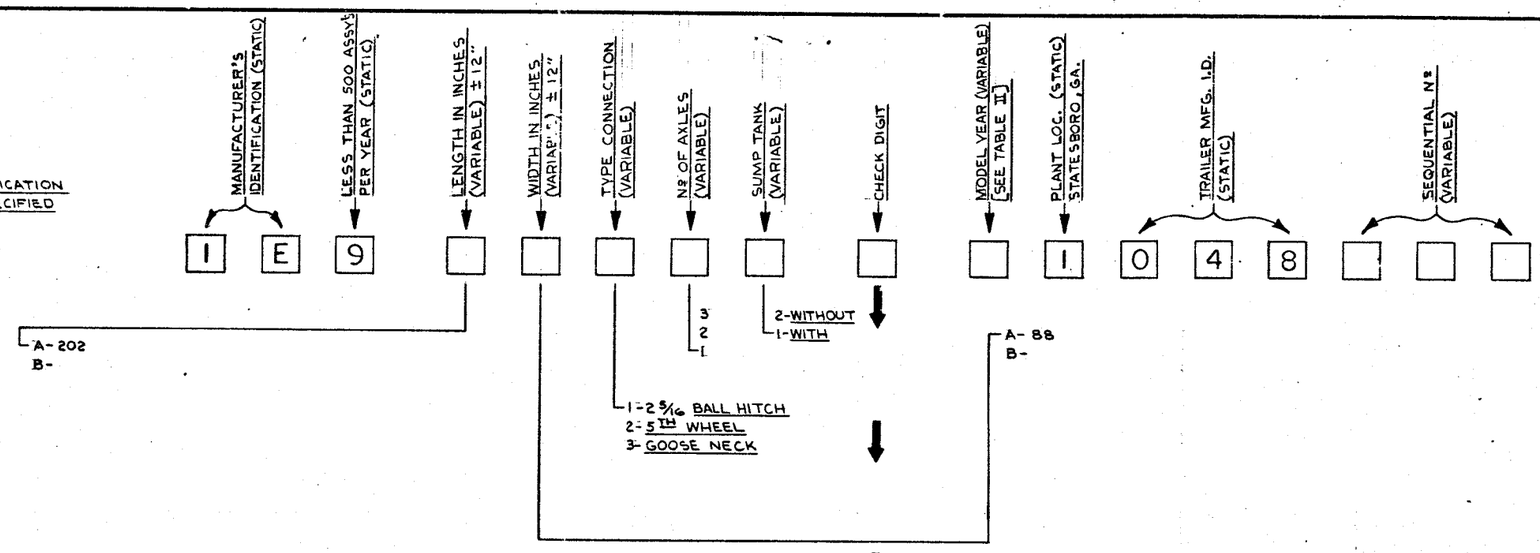
NOTE:
ALL SPACES PROVIDED FOR IN THE VEHICLE IDENTIFICATION NUMBER MUST BE OCCUPIED BY A CHARACTER SPECIFIED IN TABLE I.



THE CHECK DIGIT IS DETERMINED BY CARRYING OUT THE MATHEMATICAL COMPUTATION AS FOLLOWS:

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2- MULTIPLY THE ASSIGNED VALUE FOR EACH CHARACTER IN THE VEHICLE IDENTIFICATION NUMBER BY THE WEIGHT FACTOR SPECIFIED FOR IT IN TABLE IV. MULTIPLY THE CHECK DIGIT BY 0.
3- ADD THE RESULTING PRODUCTS AND DIVIDE THE TOTAL BY 11. WHEN USING LONG DIVISION, THE REMAINDER IS THE CHECK DIGIT. IF THE REMAINDER IS 10, THE CHECK DIGIT IS X. WHEN USING CALCULATOR, SEE TABLE V.

EXAMPLE:

CHECK DIGIT CALCULATIONS

VEHICLE IDENTIFICATION NUMBER	1	E	9	A	A	3	2	2	3	E	1	0	4	8	0	0	0
ASSIGNED VALUE FROM TABLE III	1	5	9	1	1	3	2	2		5	1	0	4	8	0	0	0
TIMES MULTIPLIER	8	7	6	5	4	3	2	10	0	9	8	7	6	5	4	3	2
ADD PRODUCTS →	8	35	54	5	4	9	4	20	0	45	8	0	24	40	0	0	0 = 256 (SUM)

DIVIDE SUM BY 11 USING LONG DIVISION OR A CALCULATOR

```
      23
11 ) 256
     22
      36
      33
       3 — REMAINDER
```

← LONG DIVISION OR CALCULATOR → 256 ÷ 11 = 23.27

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1234567890
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TABLE II CONTINUED

YEAR	CODE
1997	V
1998	W
1999	X
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2001	1
2002	2
2003	3
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2007	7
2008	8
2009	9
2010	A
2011	B
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TABLE IV

1ST	8
2ND	7
3RD	6
4TH	5
5TH	4
6TH	3
7TH	2
8TH	10
CHECK DIGIT	0

TABLE IV CONTINUED

9TH	9
10TH	8
11TH	7
12TH	6
13TH	5
14TH	4
15TH	3
16TH	2

TABLE V

DECIMAL	CHECK DIGIT	DECIMAL	CHECK DIGIT
.09	1	.54	6
.18	2	.63	7
.27	3	.72	8
.36	4	.81	9
.45	5	.90	X
		.00	0

COMPACT PROVER TRAILER

ITEM	DESCRIPTION	PART NUMBER	REQ	REF DWG

4

5

SYM.	CHANGE	DATE	MATERIAL	USED ON	REQ.
			TOLERANCES NOT SPECIFIED: DECIMAL ± ___ FRACTION ± ___ FINISH CONCENTRICITY		
			Heat Treatment And Finish		

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STATESBORO, GEORGIA
EMERSON

VEHICLE IDENTIFICATION NUMBER
— CODE SHEET —

DWN. D.C | SCALE ~
APV. [illegible] 5-16-89 | DATE 7/24/84
NO. 93370-E

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