

7051

RECEIVED NSA-30

NSA

ISUZU

FILE

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01-22-N11B-7051

DET-98-184

November 13, 1998

Administrator
National Highway Traffic Safety Administration
400 Seventh Street, SW.,
Washington D.C. 20590

12 pg

Attn.: VIN Coordinator

Subject: VIN Decoding Information - 2000 Model Year

Dear Sir or Madam:

In accordance with § 565.7 of the 49 CFR Part 565, "Vehicle Identification Number," on behalf of Isuzu Motors Limited, Japan, Isuzu Motors America, Inc. hereby submits Isuzu Motors' Vehicle Identification Number (VIN) decoding information for 2000 model year vehicles.

If you have any questions or require additional information, please contact me at 734-455-7557 ext. 264.

Sincerely,



Akira Nogami
Chief Representative
Emissions & Safety
Isuzu Motors America, Inc

Enclosures

cc: ISZA-LA (Including copy for AIMI)
Mr. Suzuki, ISZ-J R76

EXECUTIVE SECRETARIAT
1998 NOV 16 PM 12:08
NATIONAL HIGHWAY
TRAFFIC SAFETY ADMIN.

100

ISUZU MOTORS LIMITED

**VEHICLE IDENTIFICATION NUMBER
FOR 2000 MODEL YEAR VEHICLES**

**IN COMPLIANCE WITH
49 CFR PART 565
VEHICLE IDENTIFICATION NUMBER REQUIREMENTS**

Issue - November, 1998

ISUZU VEHICLE IDENTIFICATION NUMBER

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MODEL YEAR COMMON

SECTION A - General Information

Table A1 World Manufacturer Identifier (VIN positions 1, 2, and 3)

<u>Code</u>	<u>Make</u>	<u>Type</u>
ISUZU MOTORS LIMITED, JAPAN		
JAC	ISUZU	Multipurpose Passenger Vehicle
JAE	ACURA	Multipurpose Passenger Vehicle
JAL	ISUZU	Incomplete Vehicle - Medium & Heavy Duty
J8B	CHEVROLET	Incomplete Vehicle - Medium & Heavy Duty
J8D	GMC TRUCK	Incomplete Vehicle - Medium & Heavy Duty
SUBARU - ISUZU AUTOMOTIVE INC., U.S.A.		
4S2	ISUZU	Multipurpose Passenger Vehicle
4S6	HONDA	Multipurpose Passenger Vehicle
GENERAL MOTORS CORPORATION, JANESVILLE ASSEMBLY PLANT, U.S.A.		
4KL	ISUZU	Incomplete Vehicle - Medium & Heavy Duty
4KB	CHEVROLET	Incomplete Vehicle - Medium & Heavy Duty
4KD	GMC TRUCK	Incomplete Vehicle - Medium & Heavy Duty

MODEL YEAR COMMON

SECTION A - General Information

Table A2 Model Year Code (VIN position 10)

<u>Code</u>	<u>Year</u>
A	1980
B	1981
C	1982
D	1983
E	1984
F	1985
G	1986
H	1987
J	1988
K	1989
L	1990
M	1991
N	1992
P	1993
R	1994
S	1995
T	1996
V	1997
W	1998
X	1999
Y	2000
1	2001
2	2002
3	2003
4	2004
5	2005
6	2006
7	2007
8	2008
9	2009
A	2010
B	2011
Etc.	

MODEL YEAR COMMON

SECTION A - General Information

Table A3	Plant Code (VIN position 11)		<u>Manufacturer</u>
<u>Code</u>	<u>Plant Name</u>		
3	Kawasaki	Japan	Isuzu Motors Ltd.
7	Fujisawa	Japan	Isuzu Motors Ltd.
4	Lafayette, Indiana	U.S.A.	Subaru-Isuzu Automotive Inc.
J	Janesville, Wisconsin	U.S.A.	General Motors Corporation

MODEL YEAR 2000

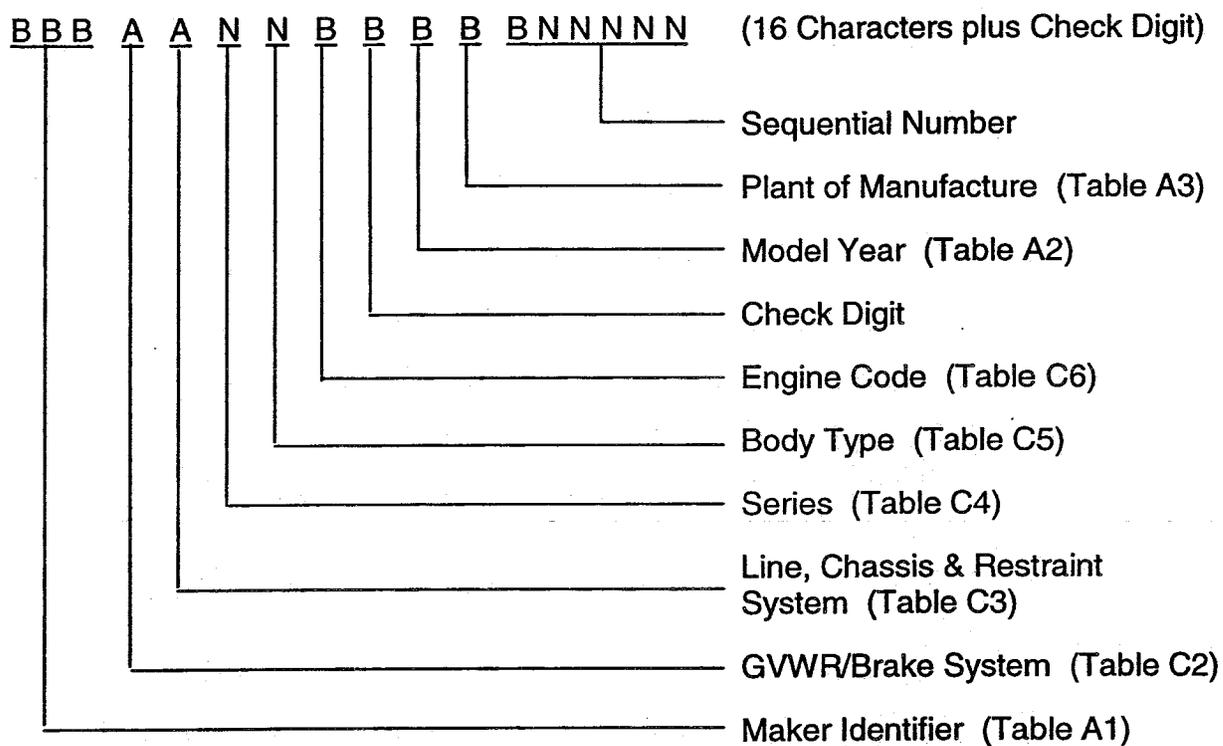
SECTION B - (Reserved)

Table B1	(Reserved)
Table B2	(Reserved)
Table B3	(Reserved)
Table B4	(Reserved)
Table B5	(Reserved)

MODEL YEAR 2000

SECTION C - MPV's, Light Duty Trucks, and Incomplete Vehicles

Table C1 MPV, Light Duty Truck, and Incomplete Vehicle VIN Layout



A - Alpha Characters,
 B - Alpha or Numeric,
 N - Numeric Characters,

MODEL YEAR 2000

SECTION C - MPV's, Light Duty Trucks, and Incomplete Vehicles

Table C2 GVWR/Brake System (VIN position 4)

(All vehicles of these types use Hydraulic Brakes)

<u>Code</u>	<u>GVWR Range (In Pound)</u>
C	4001 - 5000
D	5001 - 6000

Table C3 Line, Chassis, & Restraint System (VIN position 5)

<u>Code</u>	<u>Description</u>
-------------	--------------------

For Vehicles with World Manufacturer Identifier Code: JAC, 4S2

J	Trooper, 4X4, Active (Manual) Belts with Driver & Passenger Inflatable Restraint
K	Rodeo or Amigo, 4X2, Active (Manual) Belts with Driver & Passenger Inflatable Restraint
M	Rodeo or Amigo, 4X4, Active (manual) Belts with Driver & Passenger Inflatable Restraint

For Vehicles with World Manufacturer Identifier Code: 4S6

K	Passport, 4X2, Active (Manual) Belts with Driver & Passenger Inflatable Restraint
M	Passport, 4X4, Active (Manual) Belts with Driver & Passenger Inflatable Restraint

For Vehicles with World Manufacturer Identifier Code: JAE

J	SLX, 4X4, Active (Manual) Belts with Driver & Passenger Inflatable Restraint
---	--

Table C4 Series (VIN position 6)

<u>Code</u>	<u>Description</u>
5	4- or 5-seater plus 1/4 ton (nominal)

MODEL YEAR 2000

SECTION C - MPV's, Light Duty Trucks, and Incomplete Vehicles

Table C5 Body Type (VIN position 7)

<u>Code</u>	<u>Description</u>
5	Utility, 2 door, long wheelbase
7	Utility, 2 door, short wheelbase
8	Utility, 4 door

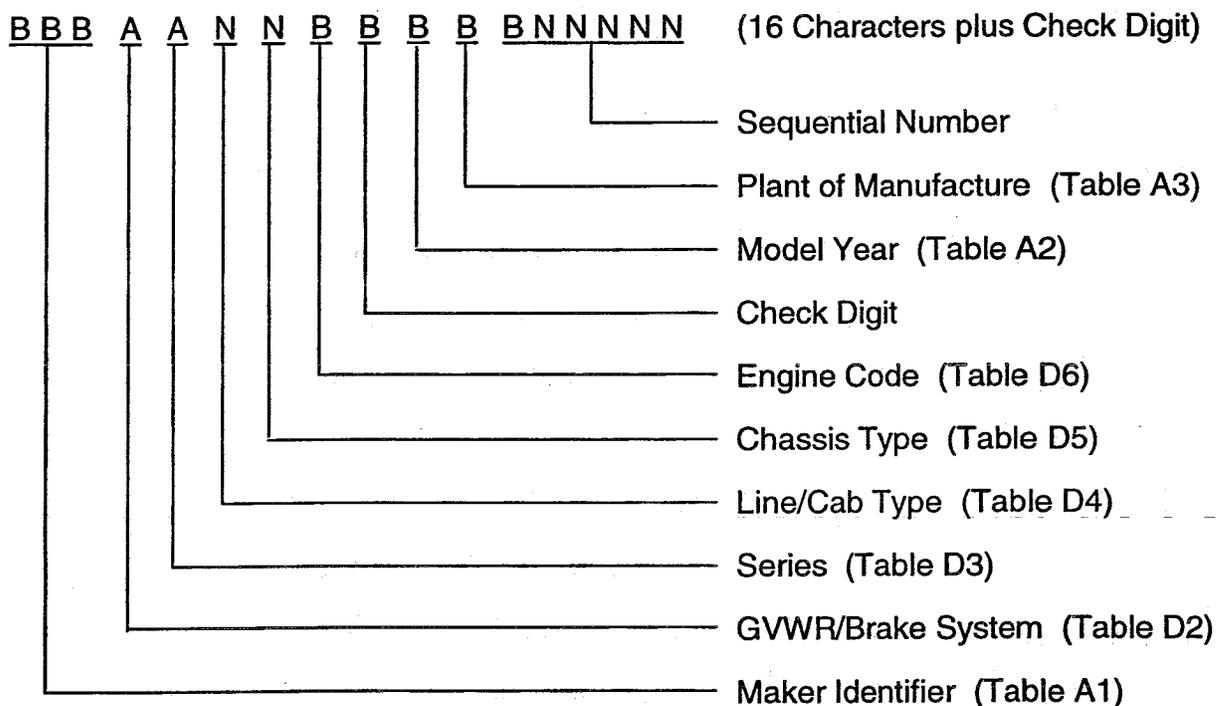
Table C6 Engine Code (VIN position 8)

<u>Code</u>	<u>Type</u>	<u>Description</u>	<u>Make</u>
D	X22SE	2.2L, L4, Gasoline - DOHC	HOLDEN
W	6VD1	3.2L, V6, Gasoline - DOHC	ISUZU
X	6VE1	3.5L, V6, Gasoline - DOHC	ISUZU

MODEL YEAR 2000

SECTION D - Medium and Heavy Duty Trucks and Incomplete Vehicles

Table D1 Medium and Heavy Duty Truck, and Incomplete Vehicle VIN Layout



A - Alpha Characters,
 B - Alpha or Numeric,
 N - Numeric Characters,

MODEL YEAR 2000

SECTION D - Medium and Heavy Duty Trucks and Incomplete Vehicles

Table D2 GVWR/Brake System (VIN position 4)

<u>Code</u>	<u>GVWR Range (In Pounds)</u>	<u>Brake System</u>
B	10001 - 14000	Hydraulic Brake
C	14001 - 16000	Hydraulic Brake
E	16001 - 19500	Hydraulic Brake
F	16001 - 19500	Air Brake

Table D3 Series (VIN position 5)

<u>Code</u>	<u>Description</u>
4	W3500, W4500, NPR, or NPR-HD
5	W5500, WP5500, NQR, or FRR

Table D4 Line/Cab Type (VIN position 6)

<u>Code</u>	<u>Description</u>
B	Tilt Cab, BBC = 68 Inches
C	Tilt Cab, BBC = 86 Inches

BBC: Bumper to Back of Cab

Table D5 Chassis Type (VIN position 7)

<u>Code</u>	<u>Description</u>
1	4X2, 2 Axles, 1 Driving

Table D6 Engine Code (VIN position 8)

<u>Code</u>	<u>Type</u>	<u>Description</u>	<u>Make</u>
4	4HE1-XS	4.75L, L4, Diesel, Turbo Intercooler, High Power	ISUZU
5	4HE1-XN	4.75L, L4, Diesel, Turbo Intercooler	ISUZU
R		5.7L, V8, Gasoline	GM
3	6HK1-TC	7.8L, L6, Diesel, Turbo Intercooler	ISUZU

Nova BUS
INCORPORATED



01-22-N11B-7052

00-1001-107-00
01/10 P3:10

November 9, 1998

FILE

VIN Coordinator
National Highway Traffic Safety Administration
Department of Transportation
NEF-01, Room 5321
400 Seventh Street, SW
Washington, DC 20590

Jpp

Dear VIN Coordinator:

Nova BUS Incorporated requires the following change to our VIN designator for 1999 models:

Modify Line #	Digit Position	Designation	Description
29	10	"X"	Current Model Year (1999)

I have included an updated listing of the updated Nova BUS Incorporated designations for your reference.

Very truly yours,

Nova BUS Incorporated

Janet Gorbitz
Program Manager
Advanced Engineering Research Group

cc: Larry Vandebout
Neal DeFranco
David West
Jonathan DeJesus

001

Nova BUS INCORPORATED Vehicle Identification Number (VIN)

MASTER LIST

Revised 11/09/98

Line	Digit Position	Designation	Description
1	1,2,3	4RK	Manufacturer's Identifier (Nova BUS Incorporated)
2	4	L	Model T806
3		M	Model T802
4		N	Model T706
5		P	Model T702
6		A	Model T602
7		B	Model T606
8		C	Model T8.502
9		X	Experimental Vehicle Under Development
10	5	W	RTS Wide Front Door
11		N	RTS Narrow Front Door
12		L	RTS Low Floor/WFD
13		X	RTS Low Floor/NFD
14	6	T	Transit Bus "V" Drive
15		H	Hybrid Transit Bus
16		E	Transit Bus "T" Drive
17	7	J	Series 50G, 518 Cubic Inches, Natural Gas Engine, 4 Cylinder, Brake HP 275
18		H	Cummins M11, 661 Cubic Inches, Diesel Engine, 6 Cylinder, Brake HP 280
19		G	Detroit Diesel Series 50, 518 Cubic Inches, Diesel Engine, 4 Cylinder, Brake HP 275
20		F	Cummins C 8.3-275, 504 Cubic Inches, Diesel Engine, 6 Cylinder, Brake HP 275
21		E	Cummins L10-280G, 610 Cubic Inches, Natural Gas Engine, 6 Cylinder, Brake HP 280
22		K	Cummins C8.3G 250 Natural Gas Engine, 6 Cylinder, Brake HP 250
23		L	Detroit Diesel Series 50, 518 Cubic Inches, Diesel Engine, 4 Cylinder, Brake HP 250
24		M	Cummins B Series 5.9 Liter, Diesel Engine, 6 Cylinder, Brake HP 230
25		N	Cummins C8.3 - 250, 8.3 liters, Diesel Engine, 6 Cylinder, Brake HP 250
26		X	Auxiliary power unit for hybrid propulsion system
27	8	A	Air Brake
28	9	0-9 or X Check Digit	
29	10	X	Current Model Year (1999)
30	11	R	Plant or Manufacturer (Roswell)
31	12-17	*	First Unit Number (Nova BUS Incorporated)

*First Unit Number (Nova BUS INCORPORATED) 830405

01-22-N11B-7053



RECEIVED NSA-30

001137 30 P1:11

OSHKOSH TRUCK CORPORATION

2307 OREGON ST. • P.O. BOX 2566 • OSHKOSH, WI 54903-2566 U.S.A.
TELEPHONE 902-235-9150

FILE

November 20, 1998

VIN Coordinator
National Highway Traffic Safety Admin.
NSA-01 Room 5321
400 Seventh Street, S. W.
Washington, D.C. 20590

4 pgs

Attention: VIN Coordinator

Re: Vehicle Identification Numbers

Pursuant to the requirements set forth in Parts 565 and 571 of Title 49 of the C/F/R, Oshkosh Truck Corporation is submitting a revision to our VIN table.

The following tables changed:

Table D - Engines - added no. of cylinders to chart
added AF configuration

Should you have questions, please call me at 920/233-9200.

Sincerely,

Carol Zeitlow

Carol Zeitlow

001



OSHKOSH TRUCK CORPORATION VEHICLE IDENTIFICATION NUMBER (VIN) SYSTEM FOR TRUCKS

Section	1										2							check digit	3								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17										
Position	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x										
Reference Code	A			B			C			D			E			F			G			H					
Description	Unique Identifier										Vehicle Characteristics							Formula	Year	Plant	Serial Number						

Unique serial number
Digit 12 may be alpha A - Digits 13-17 are numeric

SECTION 1

TABLE A: UNIQUE IDENTIFIER

Code	Identifier
1	United States
*OT	Oshkosh Truck Corporation

*Note: The character "0" in "OT" is a zero

SECTION 2 CONTINUED...

TABLE C: SERIES CODE

Code	Series	Brakes
A	S	Air
B	J	Air
C	FF	Air
D	F, M911	Air
E	P	Air
F	H (Class 7)	Air
G	NL	Air
H	NK	Air
I	M (HEMTT, HET)	Air
K	T, P-19	Air
L	D (Comm. HEMTT, PLS, LVS)	Air
M	New & Reman. MTRV & STTR	Air
N	Phoenix	Air

NOTE: All completed vehicles are Class 8 - in excess of 33,001 lbs., except where noted.
*First letter of a series designation.

SECTION 2 CONTINUED...

TABLE E: CAB CODE

Code	Description
1	Forward Mounted (For 2 or more people) i.e. HEMTT, P-19, ARPF, S Trainer, PLS
2	One Man Forward Mounted i.e. S Series
3	Conventional i.e. F or P Series
4	Conventional with Sleeper i.e. HET, J Series
5	Cab Over Engine i.e. NL or K Series (cab tilts)
6	Incomplete Vehicle - Cab Unknown i.e. gliders, T chassis

SECTION 2: VEHICLE CHARACTERISTICS

TABLE B: CHASSIS CODE

Code	Chassis
A	4 X 2.
B	4 x 4
C	6 X 4
D	6 X 6
E	8 X 4
F	8 X 6
G	8 X 8
H	10 X 4
J	10 X 6
K	10 X 10
M	12 X 6
N	Glider
R	Unknown
R	14 x 6

TABLE D: ENGINE CODE

Code	Engine
	See Attached Table D

TABLE H: PLANT BUILD LOCATION

Code	Plant
S	Oshkosh, WI
T	Pradenton, FL

U	Appleton, WI
V	Dodge Center, MN

Code	Year	Code	Year
A	1980	V	1997
B	1981	W	1998
C	1982	X	1999
D	1983	Y	2000
E	1984	1	2001
F	1985	2	2002
G	1986	3	2003
H	1987	4	2004
J	1988	5	2005
K	1989	6	2006
L	1990	7	2007
M	1991	8	2008
N	1992	9	2009
P	1993	A	2010
R	1994	B	2011
S	1995	C	2012
T	1996	D	2013

OSHKOSH TRUCK CORPORATION VEHICLE IDENTIFICATION NUMBER (VIN) SYSTEM FOR TRUCKS

Code	Engine	HP	Cyl.
AY	NTC/N14	207-251	6
BD	OM 447	353-407	
BE	OM 447	408-495	
BX	OM 447	288-352	
BY	NTC/N14	254-310	6
CX	S-60, 11, 1L	331-365	6
CY	NTC/N14	315-385	6
DY	NTC/N14	389-475	6
DZ	N14	476-580	6
EB	C-10/3176J	225-275	6
EC	C-10/3176J	276-335	6
ED	C-10/3176J	336-407	6
FA	BT 5.9	185-224	
FB	BT 5.9	225-275	
FF	BT-5.9	153-184	
GA	OM 366LA	185-224	
GB	OM 366LA	225-275	
GF	OM 366LA	153-184	
HB	S50	225-275	4
HC	S50	276-335	4
JF	CPE	153-184	
JA	CPE	185-224	
JB	CPE	225-275	
JC	CPE	276-335	
KV	L10	225-275	6
LA	CR3	185-224	6
LB	CR3	225-275	6
LC	CR3	276-335	6

Code	Engine	HP	Cyl.
LD	L10	336-407	6
LY	L10	276-330	6
MC	M11	276-335	6
MID	M11	336-407	6
PY	S-60, 11, 1L	275-330	6
RY	3406	270-330	6
SE	S-60, 12, 7L	408-470	6
SV	3406	333-407	6
SZ	S-60, 12, 7L	471-500	6
TC	Series 55	276-335	6
TD	SRS 55	336-407	6
TE	SRS 55	408-495	6
TJ	V-8, Gasoline	207-253	8
TR	V-10,	270-330	10
TY	3408	383-467	8
UY	3306	225-275	6
VY	3406	225-269	6
WD	C-12/3176L	336-407	6
WE	C-12/3176L	408-495	6
WY	3306	276-335	6
XV	3406	408-495	6
XZ	3406	496-605	6
YY	S-60, 11, 1L	225-274	6
ZV	S-60, 12, 7L	370-407	6
IB	6L-71	225-275	6
IC	6L-71	276-335	6
4Y	6V-92	239-287	6

Code	Engine	HP	Cyl.
5Y	6V-92	288-352	6
6Y	8V-92	365-446	8
8Y	8V-92	302-364	8
8Z	8V-92	523-750	8
9Y	8V-92	447-522	8
0Y	No Engine	-----	
AB	Series 60 14 L.	500 - 650	6
AC	ISM (Cummins)	275 - 450	6
AD	12 V, Series 2000 (Detroit)	800-1000	12
AE	Mark E7	275-450	6
AF	ISC	250-300	6

Shaded areas show most recent changes

OSHKOSH TRUCK CORPORATION VEHICLE IDENTIFICATION NUMBER (VIN) SYSTEM FOR TRUCKS

CHECK DIGIT

TABLE H: CALCULATION FORMULA

VIN Position 9

1. Assign the following numerical value to any VIN character that is a letter. The number characters already in the VIN remain unchanged for calculation purposes:

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	

2. Multiply each VIN digit (from step 1) and the numeric digits by the following "weighting factor". Note the check digit, the 9th character of the VIN, is not needed for steps 1 and 2 since any number multiplied by zero results in zero.

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

3. Add all the multiplication answers of Step 2 together for a total sum.
4. Divide the total sum from Step 3 by 11.
5. The final remainder value of the division from Step 4 becomes the check digit. If the remainder is 10, the check digit is to be the letter X.

004

NSA

FILE

01-22-N11B-30

ISUZU

NOV 18 2 P2: 21

01-22-N11B-7054

DET-98-188

November 18, 1998

Administrator
National Highway Traffic Safety Administration
400 Seventh Street, SW.,
Washington D.C. 20590

23 pp

Attn.: VIN Coordinator

Subject: VIN Decoding Information - Revision - 1999 and 2000 Model Years

Dear Sir or Madam:

In accordance with § 565.7 of the 49 CFR Part 565, "Vehicle Identification Number," on behalf of Isuzu Motors Limited, Japan, Isuzu Motors America, Inc. hereby submits Isuzu Motors' revised Vehicle Identification Number (VIN) decoding information for 1999 and 2000 model year vehicles. This revision incorporates the new vehicle model "VehiCross" which will be released early 1999.

If you have any questions or require additional information, please contact me at 734-455-7557 ext. 264.

Sincerely,

Akira Nogami K.H.

Akira Nogami
Chief Representative
Emissions & Safety
Isuzu Motors America, Inc

/cfl

Enclosures

cc: Mr. Suzuki, ISZ-J R76

EXECUTIVE SECRETARIAT
NOV 19 11:00
NATIONAL HIGHWAY
TRAFFIC SAFETY ADMIN.

ISUZU MOTORS LIMITED

**VEHICLE IDENTIFICATION NUMBER
FOR 1999 MODEL YEAR VEHICLES**

**IN COMPLIANCE WITH
49 CFR PART 565
VEHICLE IDENTIFICATION NUMBER REQUIREMENTS**

**Issue - October 1997
Revised – September 1998
Revised – November 1998**

ISUZU VEHICLE IDENTIFICATION NUMBER

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Table D5 Chassis Type	9
Table D6 Engine Code	9

MODEL YEAR COMMON

SECTION A - General Information

Table A1 World Manufacturer Identifier (VIN positions 1, 2, and 3)

<u>Code</u>	<u>Make</u>	<u>Type</u>
ISUZU MOTORS LIMITED, JAPAN		
JAC	ISUZU	Multipurpose Passenger Vehicle
JAE	ACURA	Multipurpose Passenger Vehicle
JAL	ISUZU	Incomplete Vehicle - Medium & Heavy Duty
J8B	CHEVROLET	Incomplete Vehicle - Medium & Heavy Duty
J8D	GMC TRUCK	Incomplete Vehicle - Medium & Heavy Duty
SUBARU - ISUZU AUTOMOTIVE INC., U.S.A.		
4S2	ISUZU	Multipurpose Passenger Vehicle
4S6	HONDA	Multipurpose Passenger Vehicle
GENERAL MOTORS CORPORATION, JANESVILLE ASSEMBLY PLANT, U.S.A.		
4KL	ISUZU	Incomplete Vehicle - Medium & Heavy Duty
4KB	CHEVROLET	Incomplete Vehicle - Medium & Heavy Duty
4KD	GMC TRUCK	Incomplete Vehicle - Medium & Heavy Duty

MODEL YEAR COMMON

SECTION A - General Information

Table A2 Model Year Code (VIN position 10)

Code	Year
A	1980
B	1981
C	1982
D	1983
E	1984
F	1985
G	1986
H	1987
J	1988
K	1989
L	1990
M	1991
N	1992
P	1993
R	1994
S	1995
T	1996
V	1997
W	1998
X	1999
Y	2000
1	2001
2	2002
3	2003
4	2004
5	2005
6	2006
7	2007
8	2008
9	2009
A	2010
B	2011
etc.	

MODEL YEAR COMMON

SECTION A - General Information

Table A3 Plant Code (VIN position 11)

<u>Code</u>	<u>Plant Name</u>	<u>Manufacturer</u>
3	Kawasaki Japan	Isuzu Motors Ltd.
7	Fujisawa Japan	Isuzu Motors Ltd.
4	Lafayette, Indiana U.S.A.	Subaru-Isuzu Automotive Inc.
J	Janesville, Wisconsin U.S.A.	General Motors Corporation

MODEL YEAR 1999

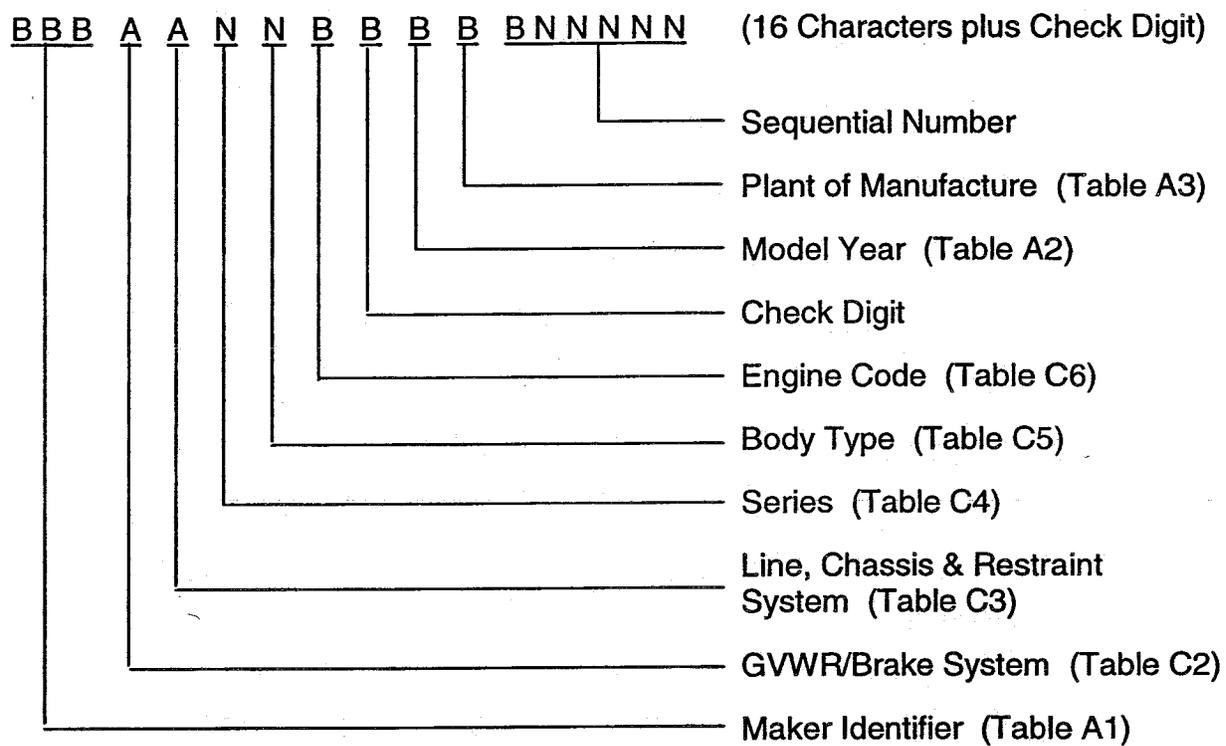
SECTION B - (Reserved)

Table B1	(Reserved)
Table B2	(Reserved)
Table B3	(Reserved)
Table B4	(Reserved)
Table B5	(Reserved)

MODEL YEAR 1999

SECTION C - MPV's, Light Duty Trucks, and Incomplete Vehicles

Table C1 MPV, Light Duty Truck, and Incomplete Vehicle VIN Layout



A - Alpha Characters,
 B - Alpha or Numeric,
 N - Numeric Characters,

MODEL YEAR 1999

Revised 11/18/98

SECTION C - MPV's, Light Duty Trucks, and Incomplete Vehicles

Table C2 GVWR/Brake System (VIN position 4)

(All vehicles of these types use Hydraulic Brakes)

<u>Code</u>	<u>GVWR Range (In Pound)</u>
C	4001 - 5000
D	5001 - 6000

Table C3 Line, Chassis, & Restraint System (VIN position 5)

<u>Code</u>	<u>Description</u>
-------------	--------------------

For Vehicles with World Manufacturer Identifier Code: JAC, 4S2

J	Trooper, 4X4, Active (Manual) Belts with Driver & Passenger Inflatable Restraint
K	Rodeo or Amigo, 4X2, Active (Manual) Belts with Driver & Passenger Inflatable Restraint
M	Rodeo or Amigo, 4X4, Active (Manual) Belts with Driver & Passenger Inflatable Restraint
N	VehiCross, 4X4, Active (Manual) Belts with Driver & Passenger Inflatable Restraint

For Vehicles with World Manufacturer Identifier Code: 4S6

K	Passport, 4X2, Active (Manual) Belts with Driver & Passenger Inflatable Restraint
M	Passport, 4X4, Active (Manual) Belts with Driver & Passenger Inflatable Restraint

For Vehicles with World Manufacturer Identifier Code: JAE

J	SLX, 4X4, Active (Manual) Belts with Driver & Passenger Inflatable Restraint
---	--

Table C4 Series (VIN position 6)

<u>Code</u>	<u>Description</u>
5	4- or 5-seater plus 1/4 ton (nominal)

MODEL YEAR 1999

SECTION C - MPV's, Light Duty Trucks, and Incomplete Vehicles

Table C5 Body Type (VIN position 7)

<u>Code</u>	<u>Description</u>
5	Utility, 2 door, long wheelbase
7	Utility, 2 door, short wheelbase
8	Utility, 4 door

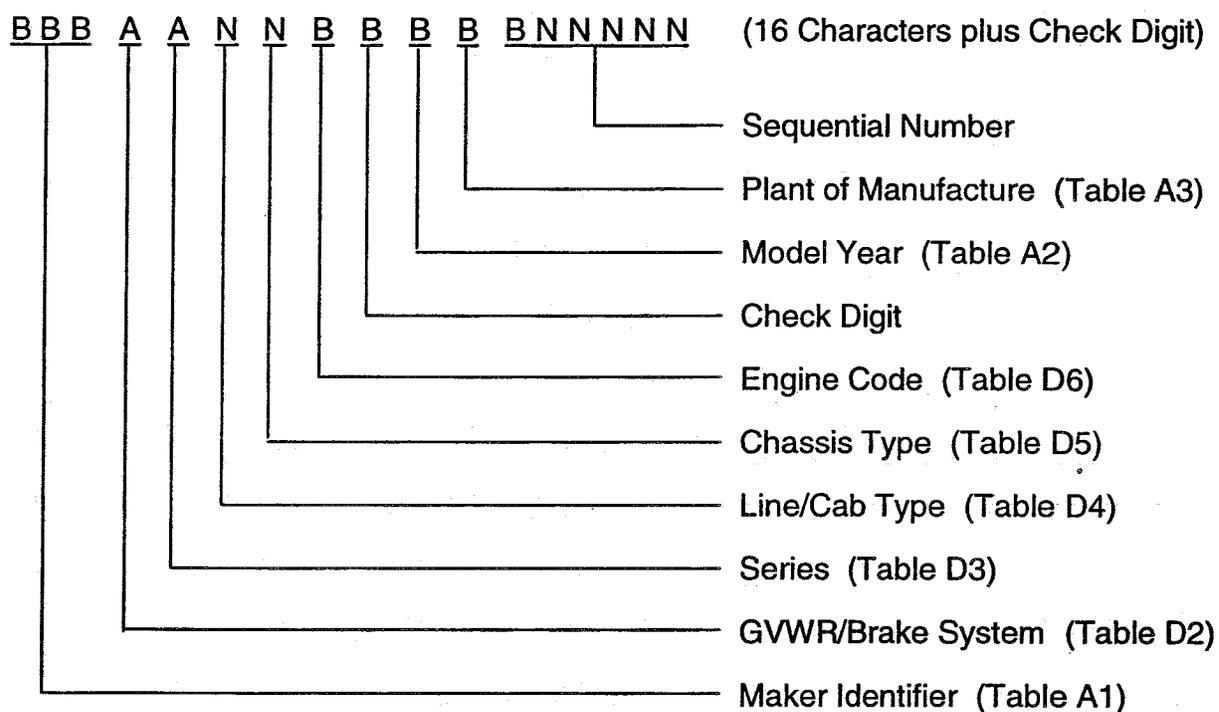
Table C6 Engine Code (VIN position 8)

<u>Code</u>	<u>Type</u>	<u>Description</u>	<u>Make</u>
D	X22SE	2.2L, L4, Gasoline - DOHC	HOLDEN
W	6VD1	3.2L, V6, Gasoline - DOHC	ISUZU
X	6VE1	3.5L, V6, Gasoline - DOHC	ISUZU

MODEL YEAR 1999

SECTION D - Medium and Heavy Duty Trucks and Incomplete Vehicles

Table D1 Medium and Heavy Duty Truck, and Incomplete Vehicle VIN Layout



A - Alpha Characters,
 B - Alpha or Numeric,
 N - Numeric Characters,

MODEL YEAR 1999

Revised 9/4/98

SECTION D - Medium and Heavy Duty Trucks and Incomplete Vehicles

Table D2 GVWR/Brake System (VIN position 4)

<u>Code</u>	<u>GVWR Range (In Pounds)</u>	<u>Brake System</u>
B	10001 - 14000	Hydraulic Brake
C	14001 - 16000	Hydraulic Brake
B	14001 - 16000	Hydraulic Brake
E	16001 - 19500	Hydraulic Brake

Table D3 Series (VIN position 5)

<u>Code</u>	<u>Description</u>
4	W3500, W4500, or NPR
4	W5500, or NQR - Diesel Engine
5	W5500, or NQR - Diesel Engine

Table D4 Line/Cab Type (VIN position 6)

<u>Code</u>	<u>Description</u>
B	Tilt Cab, BBC = 68 Inches BBC: Bumper to Back of Cab

Table D5 Chassis Type (VIN position 7)

<u>Code</u>	<u>Description</u>
1	4X2, 2 Axles, 1 Driving

Table D6 Engine Code (VIN position 8)

<u>Code</u>	<u>Type</u>	<u>Description</u>	<u>Make</u>
4	4HE1-XS	4.75L, L4, Diesel, Turbo Intercooler, High Power	ISUZU
5	4HE1-XN	4.75L, L4, Diesel, Turbo Intercooler	ISUZU
R		5.7L, V8, Gasoline	GM

ISUZU MOTORS LIMITED

**VEHICLE IDENTIFICATION NUMBER
FOR 2000 MODEL YEAR VEHICLES**

**IN COMPLIANCE WITH
49 CFR PART 565
VEHICLE IDENTIFICATION NUMBER REQUIREMENTS**

**Issue - November 1998
Revised – November 1998**

ISUZU VEHICLE IDENTIFICATION NUMBER

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MODEL YEAR COMMON

SECTION A - General Information

Table A1 World Manufacturer Identifier (VIN positions 1, 2, and 3)

<u>Code</u>	<u>Make</u>	<u>Type</u>
ISUZU MOTORS LIMITED, JAPAN		
JAC	ISUZU	Multipurpose Passenger Vehicle
JAE	ACURA	Multipurpose Passenger Vehicle
JAL	ISUZU	Incomplete Vehicle - Medium & Heavy Duty
J8B	CHEVROLET	Incomplete Vehicle - Medium & Heavy Duty
J8D	GMC TRUCK	Incomplete Vehicle - Medium & Heavy Duty
SUBARU - ISUZU AUTOMOTIVE INC., U.S.A.		
4S2	ISUZU	Multipurpose Passenger Vehicle
4S6	HONDA	Multipurpose Passenger Vehicle
GENERAL MOTORS CORPORATION, JANESVILLE ASSEMBLY PLANT, U.S.A.		
4KL	ISUZU	Incomplete Vehicle - Medium & Heavy Duty
4KB	CHEVROLET	Incomplete Vehicle - Medium & Heavy Duty
4KD	GMC TRUCK	Incomplete Vehicle - Medium & Heavy Duty

MODEL YEAR COMMON

SECTION A - General Information

Table A2 Model Year Code (VIN position 10)

<u>Code</u>	<u>Year</u>
A	1980
B	1981
C	1982
D	1983
E	1984
F	1985
G	1986
H	1987
J	1988
K	1989
L	1990
M	1991
N	1992
P	1993
R	1994
S	1995
T	1996
V	1997
W	1998
X	1999
Y	2000
1	2001
2	2002
3	2003
4	2004
5	2005
6	2006
7	2007
8	2008
9	2009
A	2010
B	2011
Etc.	

MODEL YEAR COMMON

SECTION A - General Information

<u>Code</u>	<u>Plant Code (VIN position 11)</u>		<u>Manufacturer</u>
	<u>Plant Name</u>		
3	Kawasaki	Japan	Isuzu Motors Ltd.
7	Fujisawa	Japan	Isuzu Motors Ltd.
4	Lafayette, Indiana	U.S.A.	Subaru-Isuzu Automotive Inc.
J	Janesville, Wisconsin	U.S.A.	General Motors Corporation

MODEL YEAR 2000

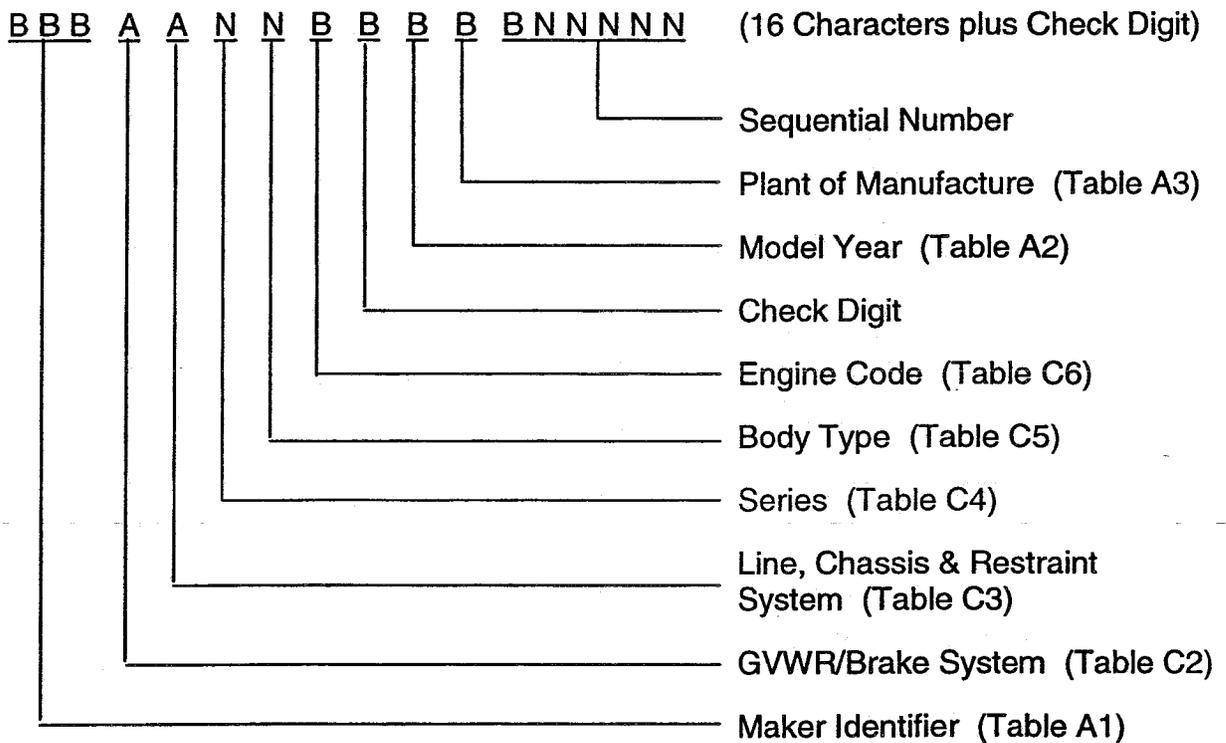
SECTION B - (Reserved)

Table B1	(Reserved)
Table B2	(Reserved)
Table B3	(Reserved)
Table B4	(Reserved)
Table B5	(Reserved)

MODEL YEAR 2000

SECTION C - MPV's, Light Duty Trucks, and Incomplete Vehicles

Table C1 MPV, Light Duty Truck, and Incomplete Vehicle VIN Layout



A - Alpha Characters,
 B - Alpha or Numeric,
 N - Numeric Characters,

MODEL YEAR 2000

Revised 11/18/98

SECTION C - MPV's, Light Duty Trucks, and Incomplete Vehicles

Table C2 GVWR/Brake System (VIN position 4)

(All vehicles of these types use Hydraulic Brakes)

<u>Code</u>	<u>GVWR Range (In Pound)</u>
C	4001 - 5000
D	5001 - 6000

Table C3 Line, Chassis, & Restraint System (VIN position 5)

<u>Code</u>	<u>Description</u>
-------------	--------------------

For Vehicles with World Manufacturer Identifier Code: JAC, 4S2

J	Trooper, 4X4, Active (Manual) Belts with Driver & Passenger Inflatable Restraint
K	Rodeo or Amigo, 4X2, Active (Manual) Belts with Driver & Passenger Inflatable Restraint
M	Rodeo or Amigo, 4X4, Active (Manual) Belts with Driver & Passenger Inflatable Restraint
N	VehiCross, 4X4, Active (Manual) Belts with Driver & Passenger Inflatable Restraint

For Vehicles with World Manufacturer Identifier Code: 4S6

K	Passport, 4X2, Active (Manual) Belts with Driver & Passenger Inflatable Restraint
M	Passport, 4X4, Active (Manual) Belts with Driver & Passenger Inflatable Restraint

For Vehicles with World Manufacturer Identifier Code: JAE

J	SLX, 4X4, Active (Manual) Belts with Driver & Passenger Inflatable Restraint
---	--

Table C4 Series (VIN position 6)

<u>Code</u>	<u>Description</u>
5	4- or 5-seater plus 1/4 ton (nominal)

MODEL YEAR 2000

SECTION C - MPV's, Light Duty Trucks, and Incomplete Vehicles

Table C5 Body Type (VIN position 7)

<u>Code</u>	<u>Description</u>
5	Utility, 2 door, long wheelbase
7	Utility, 2 door, short wheelbase
8	Utility, 4 door

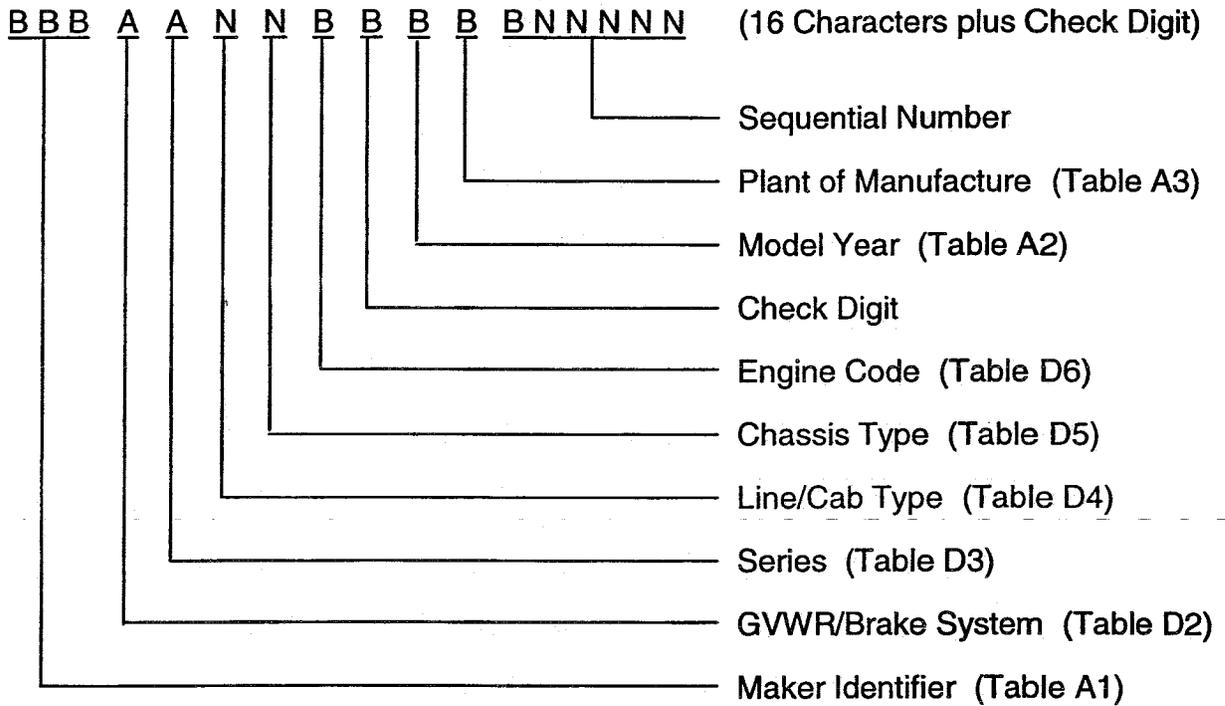
Table C6 Engine Code (VIN position 8)

<u>Code</u>	<u>Type</u>	<u>Description</u>	<u>Make</u>
D	X22SE	2.2L, L4, Gasoline - DOHC	HOLDEN
W	6VD1	3.2L, V6, Gasoline - DOHC	ISUZU
X	6VE1	3.5L, V6, Gasoline - DOHC	ISUZU

MODEL YEAR 2000

SECTION D - Medium and Heavy Duty Trucks and Incomplete Vehicles

Table D1 Medium and Heavy Duty Truck, and Incomplete Vehicle VIN Layout



A - Alpha Characters,
B - Alpha or Numeric,
N - Numeric Characters,

MODEL YEAR 2000

SECTION D - Medium and Heavy Duty Trucks and Incomplete Vehicles

Table D2 GVWR/Brake System (VIN position 4)

<u>Code</u>	<u>GVWR Range (In Pounds)</u>	<u>Brake System</u>
B	10001 - 14000	Hydraulic Brake
C	14001 - 16000	Hydraulic Brake
E	16001 - 19500	Hydraulic Brake
F	16001 - 19500	Air Brake

Table D3 Series (VIN position 5)

<u>Code</u>	<u>Description</u>
4	W3500, W4500, NPR, or NPR-HD
5	W5500, WP5500, NQR, or FRR

Table D4 Line/Cab Type (VIN position 6)

<u>Code</u>	<u>Description</u>
B	Tilt Cab, BBC = 68 Inches
C	Tilt Cab, BBC = 86 Inches

BBC: Bumper to Back of Cab

Table D5 Chassis Type (VIN position 7)

<u>Code</u>	<u>Description</u>
1	4X2, 2 Axles, 1 Driving

Table D6 Engine Code (VIN position 8)

<u>Code</u>	<u>Type</u>	<u>Description</u>	<u>Make</u>
4	4HE1-XS	4.75L, L4, Diesel, Turbo Intercooler, High Power	ISUZU
5	4HE1-XN	4.75L, L4, Diesel, Turbo Intercooler	ISUZU
R		5.7L, V8, Gasoline	GM
3	6HK1-TC	7.8L, L6, Diesel, Turbo Intercooler	ISUZU

01-22-N11B-7055

NSA

FILE



Washington Corporate Office
750 17th Street, N.W.
Suite 900
Washington, D.C. 20006-4607
Government Affairs (202) 862-5523
FAX: (202) 659-2646
Technical Affairs (202) 466-5284
FAX: (202) 457-0851

NOV 10 1998
NISSAN NORTH AMERICA, INC.

November 9, 1998
Our Ref.: W-866-K

The Honorable Ricardo Martinez, M.D.
Administrator
National Highway Traffic Safety Administration
400 Seventh Street, S.W.
Room 5220
Washington, D.C. 20590
Attn.: VIN Coordinator

3 pgs

EXECUTIVE SECRETARIAT
NOV 17 11 53 07
TRAFFIC SAFETY ADMIN.

Dear Dr. Martinez:

Re: 49 CFR Part 565, "Vehicle Identification Number Requirements"

Nissan North America, Inc., on behalf of Nissan Motor Company, Ltd., of Tokyo, Japan, the manufacturer of Nissan and Infiniti vehicles ("Nissan") submits the enclosed, revised vehicle identification number (VIN) information in accordance with the provisions of 49 CFR Part 565.7(c)-(d). The attached VIN coding chart provides all information necessary to decipher the characters contained in the VINs to be affixed to model year 1999 Nissan and Infiniti light-duty truck and multi-purpose passenger vehicle models assembled by Nissan. This chart incorporates various revisions to the applicable chart contained in our April 27, 1998 submission. A summary of these corrections are listed below:

- The enclosed chart has been amended to add a new body type code 7 (position 7) applicable to Nissan Pathfinder wagon models manufactured after December 10, 1998.
- The enclosed chart has been amended to add a new body type code 7 (position 7) applicable to Infiniti QX4 wagon models manufactured after November 30, 1998.
- The enclosed chart has been amended to add a new body type code 8 (position 7) applicable to Nissan Pathfinder van models manufactured after December 10, 1998.

These body type codes have been added as a result of "freshening" ("facelift") actions applicable to these models.

The Honorable Ricardo Martinez, M.D.
November 9, 1998
Page 2

The VIN chart for Nissan and Infiniti passenger car models submitted with our August 3, 1998 update submission remains in effect. If you have any questions regarding the information contained herein, please call either Mr. Rob Strassburger or Mr. H. Kondo at (202) 466-5284.

Sincerely,
Nissan North America, Inc.



Noboru Fujii
Senior Manager, Technical Affairs

cc: Nissan Motor Company, Ltd.
Nissan Research & Development, Inc. – Farmington Hills Office
Nissan Motor Company

enclosure: 1999MY Nissan VIN Coding System (Multi-purpose Passenger Vehicle,
Truck)

002

JAN "VEHICLE IDENTIFICATION NUMBER" CODING SYSTEM

(MULTIPURPOSE PASSENGER VEHICLE, TRUCK)

Manufacturer	Make	Type
NISSAN	NISSAN	Truck
NISSAN	NISSAN	Multipurpose Passenger Vehicle
*NISSAN	*NISSAN	Truck
NISSAN	INFINITI	Multipurpose Passenger Vehicle

*Manufactured by Nissan Motor Manufacturing Corporation U.S.A.

J N 8 A R 0 5 Y 3 X W 1 2 3 4 5 6

*1 Model Change
 Check Digit
 Sequential Production Number
 (Numeric Characters from 000001 to 999999 are assigned)

Position 4		Position 5		Position 7		Position 8	
Engine Type	Code	Line/Series	Code	Body Type	Code	GVWR	Chassis/Brake System *2
3.3L, Gasoline	A	NISSAN PATHFINDER	R	4-Door Wagon-A	5	Class C	Standard(2WD)
3.3L, Gasoline	A	INFINITI QX4	R	4-Door Wagon-A	7	Class D	Standard(4WD)
2.4L, Gasoline	D	NISSAN FRONTIER TRUCK	D	Regular Cab	1	Class C	Rear ABS(2WD)
3.3L, Gasoline	E			King Cab	6	Class D	4-Wheel ABS(2WD)
3.3L, Gasoline	A	NISSAN PATHFINDER	R	VAN-A	6	Class C	Standard(4WD)
				VAN-B *3	8	Class C	Standard(2WD)

Position 10		Position 11	
Model Year	Code	Manufacture Plant	Code
1999	X	OPPAMA PLANT	T
		MURAYAMA PLANT	5
		KYUSHU PLANT	W
		HIRATSUKA PLANT	X
		KYOTO PLANT	Z
		GUNMA PLANT	9
		TOCHIGI PLANT	M
		U.S.A. PLANT	C
		MEXICO	K
		CIVAC PLANT	L
		MEXICO	L
		AGUASCALIENTES PLANT	L
		NAGOYA PLANT	4

NOTE)

*1: The full model change for each vehicle line starting from 0 to 9 except NISSAN Pathfinder. In case of Pathfinder, the next code after "1" is "0".

*2: Hydraulic brake system.

*3: For facelift vehicles manufactured after 12/10/98

*4: For facelift vehicles manufactured after 11/30/98

: Multipurpose Passenger Vehicle

FILE

HINO MOTORS, LTD.

RECEIVED

HEAD OFFICE & WORKS
1-1, HINOBAU 3-CHOME, HINO-SHI, 191 JAPAN
TELEX: 2842141 HINOJK J FACSIMILE: (0425)86-5038

NSA

DEC 2

OVERSEAS OPERATIONS
1-17, NIHONBASHI 1-CHOME, CHUO-KU, TOKYO, 103 JAPAN
TELEX: HINOLTD J22946 FACSIMILE: (03)3272-4395

01-22-N11B-7056

H98343 - NF
November 12, 1998

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

2 pp

Attention : VIN Coordinator

SUBJECT : INFORMATION FOR DECIPHERING
VEHICLE IDENTIFICATION NUMBER FOR 2000 MODEL YEAR

Dear Sir :

Pursuant to 49 CFR 565.5 (a)-(e), we are pleased to submit to you information necessary to decipher the characters contained in the Vehicle Identification Number Code used for Hino 2000 model year vehicles to be sold in the United States.

Sincerely yours,

Hino Motors, Ltd.



Motohiro Nakajima
General Manager
Technical Administration Division

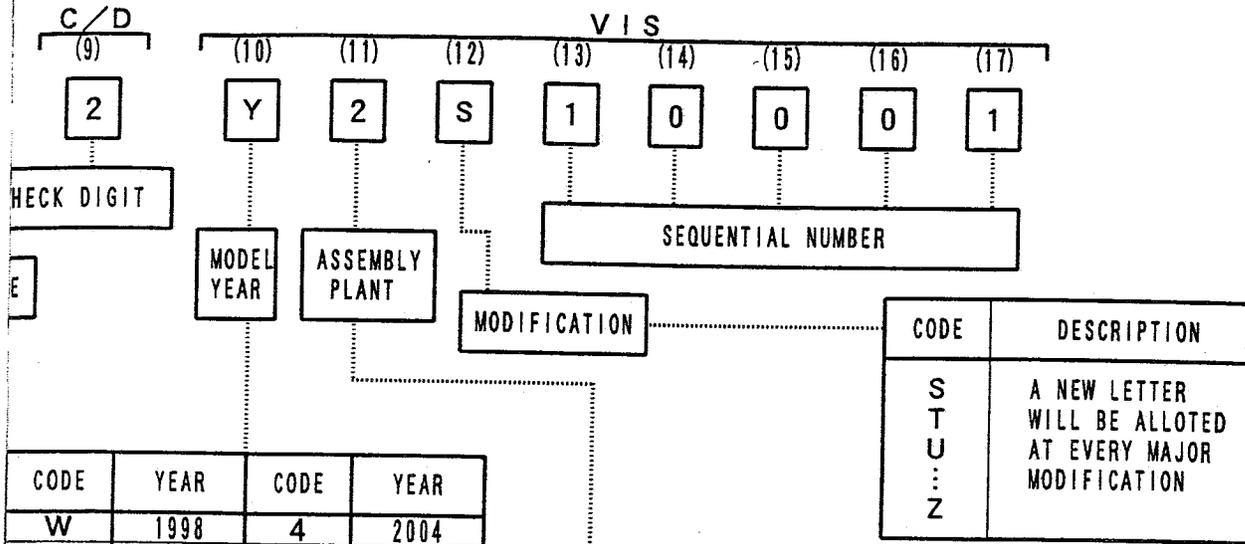
EXECUTIVE SECRETARIAT

1998 DEC -1 PM 4: 21

NATIONAL HIGHWAY
TRAFFIC SAFETY ADMIN.

cc ; Hino Diesel Trucks (U.S.A.), Inc.

VIN) STRUCTURE FOR U. S. A. (' 00 model)



CODE	YEAR	CODE	YEAR
W	1998	4	2004
X	1999	5	2005
Y	2000	6	2006
1	2001	7	2007
2	2002	8	2008
3	2003	9	2009

CODE	ASSEMBLY PLANT
1	HINO MOTORS, LTD. HINO PLANT IN JAPAN
2	MITSUI SEIKI KOGYO CO., LTD. KAWASHIMA PLANT IN JAPAN
3	HINO AUTO BODY, LTD. YOKOHAMA PLANT IN JAPAN
4	HINO AUTO BODY, LTD. KANAZAWA PLANT IN JAPAN
B	BURNS PHILP (SOUTH SEA) CO., LTD. IN AMERICAN SAMOA

CODE	LENGTH (mm)
C	2,920
D	3,200
E	3,420
G	3,860 (for FA, FB) 3,780 (for FD)
H	4,190
J	4,280
K	4,600
M	5,050
P	5,530
R	5,800
S	6,220

MANUFACTURER	MODEL	DESCRIPTION
HINO MOTORS, LTD.	J05C-TD	5.3 LITERS, DIESEL 168 HP
HINO MOTORS, LTD.	J08C-TP	8.0 LITERS, DIESEL 200 HP
HINO MOTORS, LTD.	J08C-TR	8.0 LITERS, DIESEL 252 HP

01-22-N11B-7057

FILE



L. W. Camp
Director
Automotive Safety Office
Environmental And Safety Engineering

Ford Motor Company
330 Town Center Drive
Dearborn, Michigan 48126 USA

November 30, 1998

Administrator
National Highway Traffic
Safety Administration
400 Seventh Street, S.W.
Washington, DC 20590

19 pp

Attention: VIN Coordinator

Subject: 1999 Model Year Vehicle Identification Number
Codes - Revision No. 3

Reference: My August 21, 1998 letter regarding 1999 Model
Year Vehicle Identification Codes - Revision No. 2

Ford Motor Company is submitting 1999 model VIN code
information which reflects the following changes:

- (1) The WMI "3FD" has been redefined to describe a Ford of Mexico Incomplete Vehicle; this WMI was not previously used.
- (2) Footnotes have been added to clarify that the Villager and the Navigator 4X2 vehicles are available for sale in the U.S. only.
- (3) A new engine code has been added to Table 3 to differentiate an engine with special features designed specifically for Ford built Ryder Trucks.

Very truly yours,

A handwritten signature in black ink, appearing to read "L. W. Camp".

Attachments

001



I. 1999 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION
World Manufacturer Identifiers (WMI)
(VIN Positions 1, 2, and 3)

VIN CODE	Vehicle Manufacturer	Make	Type
1FA	Ford Motor Company, USA	Ford	Passenger Car
1FM	Ford Motor Company, USA	Ford	MPV
1FT	Ford Motor Company, USA	Ford	Truck (Completed Vehicle)
1FD	Ford Motor Company, USA	Ford	Incomplete Vehicle
1FC	Ford Motor Company, USA	Ford	Basic (Stripped) Chassis
1FB	Ford Motor Company, USA	Ford	Bus
1FF	Ford Motor Company, USA	Ford	Motor Vehicle Equipment w/o Engine/Powertrain
1ME	Ford Motor Company, USA	Mercury	Passenger Car
1MH	Ford Motor Company, USA	Mercury	Incomplete Vehicle
1LN	Ford Motor Company, USA	Lincoln	Passenger Car
1LJ	Ford Motor Company, USA	Lincoln	Incomplete Vehicle
1L1	Ford Motor Company, USA	Lincoln	Passenger Car - Limousine
1ZW	AutoAlliance International, Inc.	Mercury	Passenger Car
2FA	Ford Motor Company of Canada, Ltd.	Ford	Passenger Car
2FM	Ford Motor Company of Canada, Ltd.	Ford	MPV
2FT	Ford Motor Company of Canada, Ltd.	Ford	Truck (Completed Vehicle)
2FD	Ford Motor Company of Canada, Ltd.	Ford	Incomplete Vehicle
2FC	Ford Motor Company of Canada, Ltd.	Ford	Basic (Stripped) Chassis
2FB	Ford Motor Company of Canada, Ltd.	Ford	Bus
2FF	Ford Motor Company of Canada, Ltd.	Ford	Motor Vehicle Equipment w/o Engine/Powertrain
2ME	Ford Motor Company of Canada, Ltd.	Mercury	Passenger Car
2MH	Ford Motor Company of Canada, Ltd.	Mercury	Incomplete Vehicle
3FA	Ford Motor Company ((Mexico)	Ford	Passenger Car
3FB	Ford Motor Company ((Mexico)	Ford	Bus
3FC	Ford Motor Company ((Mexico)	Ford	Basic (Stripped) Chassis
3FD	Ford Motor Company ((Mexico)	Ford	Incomplete Vehicle
3FE	Ford Motor Company ((Mexico)	Ford	Incomplete Vehicle
3FM	Ford Motor Company ((Mexico)	Ford	MPV
3FT	Ford Motor Company ((Mexico)	Ford	Truck (Completed Vehicle)
3ME	Ford Motor Company ((Mexico)	Mercury	Passenger Car
4F2	Ford Motor Company, USA	Mazda	MPV
4F3	Ford Motor Company, USA	Mazda	Incomplete Vehicle
4F4	Ford Motor Company, USA	Mazda	Truck (Completed Vehicle)
4M2	Ford Motor Company, USA	Mercury	MPV
4M3	Ford Motor Company, USA	Mercury	Incomplete Vehicle
4M4	Ford Motor Company, USA	Mercury	Truck (Completed Vehicle)
4N2	Ford Motor Company, USA	Nissan	MPV
4N3	Ford Motor Company, USA	Nissan	Incomplete Vehicle
4N4	Ford Motor Company, USA	Nissan	Truck (Completed Vehicle)
5LM	Ford Motor Company, USA	Lincoln	MPV
5LT	Ford Motor Company, USA	Lincoln	Truck (Completed Vehicle)
5LD	Ford Motor Company, USA	Lincoln	Incomplete Vehicle

Note: shading highlights changes from previous report.

002

IIa. 1999 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION
 Restraint System Type for Passenger Cars Only
 (VIN Position 4)

Code	Passenger Car Identifiers
B	Active Belts (all designated seating positions)
C	Active Belts (all designated seating positions) plus Driver Air Bag
L	Active Belts (all designated seating positions with 3-point belts in all outboard positions) plus Driver and Passenger Air Bags
F	Active Belts (all designated seating positions) plus Second Generation Driver and Passenger Air Bags - Applies to all Passenger Cars except Escort ZX2 Coupe
K	Active Belts (all designated seating positions) plus Second Generation Driver and Passenger Air Bags - Valid for Escort ZX2 Coupe only
H*	Active belts (all designated seating positions) plus Second Generation Driver and Passenger Air Bags plus Driver and Passenger Side Air Bags

*Some early built vehicles may be equipped with side air bags but contain the "F" code for restraint systems

Note: shading highlights changes from previous report.

003

I Ib. Brake System and GVWR Class For Trucks and MPV's
 Brake System (only) for Buses and Incomplete Vehicles--GVWR class as shown are not applicable
 (VIN Position 4)

Brake System	GVWR Class	GVWR Range	VIN CODE	Lt. Trucks w/ Second Gen. Air Bags**	Explorer/ Mountaineer & Windstar w/ Sec. Gen. Air Bags & Side Air Bags	Villager/ Quest with Second. Gen. Air Bags
Hydraulic	Class A:	Not greater than 3,000 pounds	A	T		
Hydraulic	Class B:	3,001-4,000 pounds	B	U		
Hydraulic	Class C:	4,001-5,000 pounds	C	Y	C	
Hydraulic	Class D:	5,001-6,000 pounds	D	Z	D	X
Hydraulic	Class E:	6,001-7,000 pounds	E	R		
Hydraulic	Class F:	7,001-8,000 pounds	F	P		
Hydraulic	Class G:	8,001-8,500 pounds	G	V		
Hydraulic	Class G:	8,501-9,000 pounds	H	N		
Hydraulic	Class H:	9,001-10,000 pounds	J	S		
Hydraulic	Class 3:	10,001-14,000 pounds	K	W		
Hydraulic	Class 4:	14,001-16,000 pounds	L	X		
Hydraulic	Class 5:	16,001-19,500 pounds	M	A		
Hydraulic	Class 6:	19,501-26,000 pounds	N			
Hydraulic	Class 7:	26,001-33,000 pounds	P			
Hydraulic	Class 8:	33,001-55,000 pounds	R			
Hydraulic	Class 8:	55,001 pounds and over	S			
Air	Class 3:	10,001-14,000 pounds	T			
Air	Class 4:	14,001-16,000 pounds	U			
Air	Class 5:	16,001-19,500 pounds	V			
Air	Class 6:	19,501-26,000 pounds	W			
Air	Class 7:	26,001-33,000 pounds	X			
Air	Class 8:	33,001-55,000 pounds	Y			
Air	Class 8:	55,001 pounds and over	Z			

** This column applies to light trucks, except Villager and Quest, listed in sections V and VI of the VIN Report having body codes (positions 6 and 7) less than or equal to 55.

Note: shading highlights changes from previous report.

004

III. Ford Passenger Car Identifiers
(VIN Position 5)

VIN CODE	Designation
P	"Ford" Make
M	"Lincoln" or "Mercury" Make
T	All passenger cars imported from outside North America or non-Ford built passenger cars marketed

Note: shading highlights changes from previous report.

005

IV. 1999 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION
 Line, Series, Body Type for Passenger Cars
 (VIN) Positions 6 and 7)

VIN CODE	Car Line	Series	Body Type
MAKE-FORD			
10	Escort	LX	4-Dr. Sedan
11	ZX2	Cool/Hot	2-Dr. Coupe
13	Escort	SE	4-Dr. Sedan
15	Escort	SE	4-Dr. Station Wagon
40	Mustang	Base	2-Dr. Coupe
42	Mustang	GT	2-Dr. Coupe
44	Mustang	Base	2-Dr. Convertible
45	Mustang	GT	2-Dr. Convertible
46	Mustang	Cobra	2-Dr. Convertible
47	Mustang	Cobra	2-Dr. Coupe
52	Taurus	LX	4-Dr. Sedan
53	Taurus	SE	4-Dr. Sedan
54	Taurus	SHO	4-Dr. Sedan
58	Taurus	SE	4-Dr. Station Wagon
65	Contour	LX	4-Dr. Sedan
66	Contour	SE	4-Dr. Sedan
68	Contour	SVT	4-Dr. Sedan
71	Crown Victoria	Police Interceptor	4-Dr. Sedan
72	Crown Victoria	S (Fleet- LPO: Commer. App.)	4-Dr. Sedan
73	Crown Victoria	Standard	4-Dr. Sedan
74	Crown Victoria	LX	4-Dr. Sedan

Note: shading highlights changes from previous report.

006

November 30, 1998

Cont'd.) 1999 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION
 Line, Series, Body Type for Passenger Cars
 (VIN) Positions 6 and 7)

VIN CODE	Car Line	Series	Body Type
MAKE-MERCURY			
10	Tracer ¹	GS	4-Dr. Sedan
13	Tracer ¹	LS	4-Dr. Sedan
15	Tracer ¹	LS	4-Dr. Station Wagon
50	Sable	GS	4-Dr. Sedan
53	Sable	LS	4-Dr. Sedan
58	Sable	LS	4-Dr. Station Wagon
60	Cougar	I4	3-Dr. Coupe
61	Cougar	V6	3-Dr. Coupe
65	Mystique	GS	4-Dr. Sedan
66	Mystique	LS	4-Dr. Sedan
74	Grand Marquis	GS	4-Dr. Sedan
75	Grand Marquis	LS	4-Dr. Sedan

¹ Available in the U.S. only

Note: shading highlights changes from previous report.

007

Cont'd.) 1999 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION
 Line, Series, Body Type for Passenger Cars
 (VIN) Positions 6 and 7)

VIN CODE	Car Line	Series	Body Type
MAKE-LINCOLN			
81	Town Car	Executive ¹	4-Dr. Sedan
82	Town Car	Signature	4-Dr. Sedan
83	Town Car	Cartier	4-Dr. Sedan
97	Continental		4-Dr. Sedan

¹ All Town Cars ordered with Limousine Builder's Package" or "Hearse Package" options

 Note: shading highlights changes from previous report.

V. 1999 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION
 Line, Series, Chassis, Cab Type or Body Type for Trucks, Multipurpose
 Passenger Vehicles (MPV's), Buses, and Incomplete Vehicles (IV's) with
 GVW Ratings of 4990 Kilograms (11,000 Pounds) or less:
 (VIN Positions 5,6,7)

VIN CODE	Line	Series	Chassis Type	Cab or Body Type	Vehicle Type
MAKE-FORD					
U17	Expedition	XLT	4X2	4-Door	MPV
U18	Expedition	XLT	4X4	4-Door	MPV
U22	Explorer	Sport	4X2	2-Door	MPV
U24	Explorer	Sport	4X4	2-Door	MPV
U32	Explorer	XL	4X2	4-Door	MPV
U34	Explorer	XL	4X4	4-Door	MPV
U35	Explorer	XLT	AWD ¹	4-Door	MPV
R10	Ranger	XL	4X2	Pickup-Regular Cab	Truck
R11	Ranger	XL	4X4	Pickup-Regular Cab	Truck
R14	Ranger	XL	4X2	Pickup-Super Cab	Truck
R15	Ranger	XL	4X4	Pickup-Super Cab	Truck
R08	Ranger (Electric)	EV	4X2	Pickup-Regular Cab	Truck

¹ "AWD" means All Wheel Drive

Note: shading highlights changes from previous report.

009

V. (Cont.) 1999 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION
 Line, Series, Chassis, Cab Type or Body Type for Trucks, Multipurpose
 Passenger Vehicles (MPV's), Buses, and Incomplete Vehicles (IV's) with
 GVW Ratings of 4990 Kilograms (11,000 Pounds) or less:
 (VIN Positions 5,6,7)

VIN CODE	Line	Series	Chassis Type	Cab or Body Type	Vehicle Type
MAKE-FORD					
F07	F-Series	F150	4X2	Pickup-Regular Cab Flareside	Truck or IV
X07	F-Series	F150	4X2	Pickup-Super Cab Flareside	Truck or IV
F08	F-Series	F150	4X4	Pickup-Regular Cab Flareside	Truck or IV
X08	F-Series	F150	4X4	Pickup-Super Cab Flareside	Truck or IV
F17	F-Series	F150	4X2	Pickup-Regular Cab Styleside	Truck or IV
X17	F-Series	F150	4X2	Pickup-Super Cab Styleside	Truck or IV
F18	F-Series	F150	4X4	Pickup-Regular Cab Styleside	Truck or IV
X18	F-Series	F150	4X4	Pickup-Super Cab Styleside	Truck or IV
F20	F-Series	F250	4X2	Pickup-Regular Cab Styleside	Truck or IV
X20	F-Series	F250	4X2	Pickup-Super Cab Styleside	Truck or IV
W20	F-Series	F250	4X2	Pickup-Crew Cab Styleside	Truck or IV
F21	F-Series	F250	4X4	Pickup-Regular Cab Styleside	Truck or IV
X21	F-Series	F250	4X4	Pickup-Super Cab Styleside	Truck or IV
W21	F-Series	F250	4X4	Pickup-Crew Cab Styleside	Truck or IV
F27	F-Series	F250	4X2	Pickup-Regular Cab Styleside	Truck or IV
X27	F-Series	F250	4X2	Pickup-Super Cab Styleside	Truck or IV
F28	F-Series	F250	4X4	Pickup-Regular Cab Styleside	Truck or IV
X28	F-Series	F250	4X4	Pickup-Super Cab Styleside	Truck or IV
F30	F-Series	F350	4X2	Pickup-Regular Cab	Truck or IV
X30	F-Series	F350	4X2	Pickup-Super Cab	Truck or IV
W30	F-Series	F350	4X2	Pickup-Crew Cab	Truck or IV
F31	F-Series	F350	4X4	Pickup-Regular Cab	Truck or IV
X31	F-Series	F350	4X4	Pickup-Super Cab	Truck or IV
W31	F-Series	F350	4X4	Pickup-Crew Cab	Truck or IV
F32	F-Series	F350 DRW ¹	4X2	Pickup-Regular Cab	Truck or IV
X32	F-Series	F350 DRW	4X2	Pickup-Super Cab	Truck or IV
W32	F-Series	F350 DRW	4X2	Pickup-Crew Cab	Truck or IV
F33	F-Series	F350 DRW	4X4	Pickup-Regular Cab	Truck or IV
X33	F-Series	F350 DRW	4X4	Pickup-Super Cab	Truck or IV
W33	F-Series	F350 DRW	4X4	Pickup-Crew Cab	Truck or IV
F34	F-Series	F350	4X2	Chassis Cab-Regular Cab	IV
X34	F-Series	F350	4X2	Chassis Cab-Super Cab	IV
W34	F-Series	F350	4X2	Chassis Cab-Crew Cab	IV
F35	F-Series	F350	4X4	Chassis Cab-Regular Cab	IV
X35	F-Series	F350	4X4	Chassis Cab-Super Cab	IV
W35	F-Series	F350	4X4	Chassis Cab-Crew Cab	IV
F36	F-Series	F350 DRW	4X2	Chassis Cab-Regular Cab	IV
X36	F-Series	F350 DRW	4X2	Chassis Cab-Super Cab	IV
W36	F-Series	F350 DRW	4X2	Chassis Cab-Crew Cab	IV
F37	F-Series	F350 DRW	4X4	Chassis Cab-Regular Cab	IV
X37	F-Series	F350 DRW	4X4	Chassis Cab-Super Cab	IV
W37	F-Series	F350 DRW	4X4	Chassis Cab-Crew Cab	IV

¹ "DRW" means Dual Rear Wheels

Note: Special Order (DSO) units will be coded with the appropriate series VIN codes listed above.

Note: shading highlights changes from previous report.

V. (Cont'd.) 1999 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION
 Line, Series, Chassis, Cab Type or Body Type for Trucks, Multipurpose
 Passenger Vehicles (MPV's), Buses, and Incomplete Vehicles (IV's) with
 GVW Ratings of 4990 Kilograms (11,000 Pounds) or less:
 (VIN Positions 5,6,7)

VIN CODE	Line	Series	Chassis Type	Cab or Body Type	Vehicle Type
MAKE-FORD					
E11	Econoline	E150	4X2	Regular Wagon	MPV
E31	Econoline	E350 SD	4X2	Super Duty Wagon	MPV, IV or Bus ¹
S31	Econoline	E350 SD	4X2	Super Duty Extended Wagon	MPV, IV or Bus ¹
E14	Econoline	E150	4X2	Cargo Van - Regular Van	Truck or IV
E24	Econoline	E250	4X2	Cargo Van - Regular Van	Truck or IV
S24	Econoline	E250	4X2	Cargo Van - Extended Van	Truck or IV
E34	Econoline	E350 SD ²	4X2	Cargo Van - Super Duty Regular Van	Truck or IV
S34	Econoline	E350 SD	4X2	Cargo Van - Super Duty Extended Van	Truck or IV
E27	Econoline	E250 SD	4X2	Super Duty Commercial Cutaway	IV
E29	Econoline	E250 SD	4X2	Super Duty Commercial Stripped Chassis	IV
E37	Econoline ³	E350 SD	4X2	Super Duty Commercial Cutaway (138" WB)	IV
E30	Econoline ³	E350 SD	4X2	Super Duty RV Cutaway (138" WB)	IV
E39	Econoline	E350 SD	4X2	Super Duty Commercial Stripped Chassis	IV

¹ Excludes School Bus

² "SD" means Super Duty

³ Also see "Ford Light, Medium & Heavy Incomplete Vehicles and Trucks with GVW Ratings over 11,000 pounds" - Section VI.

Note: shading highlights changes from previous report.

V. (Cont'd.) 1999 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION
 Line, Series, Chassis, Cab Type or Body Type for Trucks, Multipurpose
 Passenger Vehicles (MPV's), Buses, and Incomplete Vehicles (IV's) with
 GVW Ratings of 4990 Kilograms (11,000 Pounds) or less:
 (VIN Positions 5,6,7)

VIN CODE	Line	Series	Chassis Type	Cab or Body Type	Vehicle Type
MAKE-MAZDA					
R12	B-Series	SX	4X2	Pickup-Regular Cab	Truck
R16	B-Series	SX	4X2	Pickup-Super Cab	Truck
R13	B-Series	SX	4X4	Pickup-Regular Cab	Truck
R17	B-Series	SX	4X4	Pickup-Super Cab	Truck
MAKE-MERCURY					
U52	Mountaineer ¹		4X2	4-Door	MPV
U54	Mountaineer ¹		4X4	4-Door	MPV
U55	Mountaineer ¹		AWD	4-Door	MPV
V11	Villager ¹		4X2	Wagon	MPV
MAKE-NISSAN					
N11	Quest		4X2	Wagon	MPV
MAKE-FORD					
A51	Windstar	LX	4X2	3-Dr. Wagon ²	MPV
A52	Windstar	SE	4X2	4-Dr. Wagon	MPV
A53	Windstar	SEL	4X2	4-Dr. Wagon	MPV
A54	Windstar		4X2	3-Dr. Cargo Van	Truck
MAKE-LINCOLN					
U27	Navigator ¹	Base	4X2	4-Door	MPV
U28	Navigator	Base	4X4	4-Door	MPV

¹ Available in U.S. only

² 4th door optional

Note: shading highlights changes from previous report.

012

VI. 1999 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION
 Line, Series, Chassis, Cab Type
 Ford Light, Medium & Heavy Incomplete Vehicles & Trucks with
 GVW Ratings over 4990 Kilograms (11,000 Pounds) :
 (VIN Positions 5,6,7)

VIN Code	Line	Series	Chassis Type	Cab or Body Type	Vehicle Type
E30	Econoline ¹	E-350 SD ²	4X2	Super Duty RV Cutaway (158" & 176" W.B.)	IV
E37	Econoline ²	E-350 SD	4X2	Super Duty Commercial Cutaway (158" W.B.)	IV
E40	Econoline ³	E-450 SD	4X2	Super Duty RV Cutaway (158" & 176" W.B.)	IV
E47	Econoline ⁴	E-450 SD	4X2	Super Duty Commercial Cutaway (158" & 176" W.B.)	IV
F53	F-Series	Super Duty		Class A Motorhome Chassis - Gas Only	IV

VIN CODE	Line	Series	Chassis Type	Cab or Body Type	Vehicle Type
F32	F-Series	F350 DRW ³	4X2	Pickup-Regular Cab	Truck or IV
X32	F-Series	F350 DRW	4X2	Pickup-Super Cab	Truck or IV
W32	F-Series	F350 DRW	4X2	Pickup-Crew Cab	Truck or IV
F33	F-Series	F350 DRW	4X4	Pickup-Regular Cab	Truck or IV
X33	F-Series	F350 DRW	4X4	Pickup-Super Cab	Truck or IV
W33	F-Series	F350 DRW	4X4	Pickup-Crew Cab	Truck or IV
F36	F-Series	F350 DRW	4X2	Chassis Cab-Regular Cab	IV
X36	F-Series	F350 DRW	4X2	Chassis Cab-Super Cab	IV
W36	F-Series	F350 DRW	4X2	Chassis Cab-Crew Cab	IV
F37	F-Series	F350 DRW	4X4	Chassis Cab-Regular Cab	IV
X37	F-Series	F350 DRW	4X4	Chassis Cab-Super Cab	IV
W37	F-Series	F350 DRW	4X4	Chassis Cab-Crew Cab	IV
F46	F-Series	F450 DRW	4X2	Chassis Cab-Regular Cab	IV
W46	F-Series	F450 DRW	4X2	Chassis Cab-Crew Cab	IV
F47	F-Series	F450 DRW	4X4	Chassis Cab-Regular Cab	IV
W47	F-Series	F450 DRW	4X4	Chassis Cab-Crew Cab	IV
F56	F-Series	F550 DRW	4X2	Chassis Cab-Regular Cab	IV
W56	F-Series	F550 DRW	4X2	Chassis Cab-Crew Cab	IV
F57	F-Series	F550 DRW	4X4	Chassis Cab-Regular Cab	IV
W57	F-Series	F550 DRW	4X4	Chassis Cab-Crew Cab	IV
F80	F-Series	F800 DRW	4X2	Chassis Cab-Regular Cab	IV

¹ Gas or Optional Diesel

² "SD" means Super Duty

³ "DRW" means Dual Rear Wheels.

013

Note: shading highlights changes from previous report.

VII. 1999 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION
 Engine Type-Displacement, Cylinders, Fuel Type, Manufacturer, and Horsepower (H.P.) Ratings

(VIN Position 8)

Note: Engine types are divided into four distinct groups: Passenger Car, Light Truck/MPV, Light/Medium/Heavy Truck, and Electric Vehicle. Each group is coded independently of the other three groups and these codes are listed in separate tables.

Table 1: PASSENGER CAR

VIN CODE	Displacement/ Litre	Cylinders	Fuel	Manufacturer	Net Brake H.P.
3	2.0 EFI-DOHC	I-4	Gasoline	Ford	130
P	2.0 EFI-SPI	I-4	Gasoline	Ford	110
Z	2.0 EFI-DOHC	I-4	Gasoline-GFP	Ford	125
L	2.5 EFI-DOHC	V-6	Gasoline	Ford	170
G	2.5 EFI-DOHC ¹	V-6	Gasoline	Ford	195
U	3.0 EFI	V-6	Gasoline	Ford	145
S	3.0 EFI-DOHC	V-6	Gasoline	Ford	200
1	3.0 EFI-FFV	V-6	Gasoline/M85	Ford	145/155
2	3.0 EFI-FFV	V-6	Gasoline/E85	Ford	145/150
N	3.4 EFI SHO-DOHC	V-8	Gasoline	Yamaha	235
4	3.8 EFI	V-6	Gasoline	Ford	150
A	3.9 EFI-DOHC	V-8	Gasoline	Ford	TBD
W	4.6 SEFI-SOHC(R)	V-8	Gasoline	Ford	200-220
V	4.6 SEFI-DOHC	V-8	Gasoline	Ford	275-320
X	4.6 SEFI-SOHC (W) ²	V-8	Gasoline	Ford	260
9	4.6 SEFI-SOHC	V-8	Natural Gas (CNG)	Ford	175

DELETE ENGINE (applicable to all groups)

0 (Zero) DSO Glider - Delete Engine on motor vehicle equipment only.

¹ Engine used only in Contour SVT and differs from "L" coded engine.

² Engine used only for Mustang GT and differs from "W" coded engine.

"SEFI" : Sequential electronic fuel injection

"EFI" : Electronic Fuel Injection

"DOHC" : Double Overhead Camshaft

"FFV" : Flexible Fuel Vehicle

"M85" : Methanol Flexible Fuel

"Turbo" : Turbocharged

"IDI" : Indirect Injection

"(W)" : Windsor Engine Plant

"SOHC" : Single Overhead Camshaft

"SPI" : Split Port Induction.

"SHO" : Super High Output

"E85" : Ethanol Flexible Fuel

"DI" : Direct Injection

"(R)" : Romeo Engine Plant

"CNG" : Compressed Natural Gas

"GFP" means Gaseous Fuel Prep. Gaseous fuel includes Natural Gas and Liquefied Petroleum Gas

"LPG" (Propane). Leaves Ford Assy. Plant as a gasoline engine but suitable for aftermarket conversion.

Note: shading highlights changes from previous report.

014

(Cont.) 1999 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION
 Engine Type-Displacement, Cylinders, Fuel Type, Manufacturer, and Horsepower (H.P.) Ratings

(VIN Position 8)

Table 2: LIGHT TRUCK/MPV

VIN CODE	Displacement/ Litre	Cylinders	Fuel	Manufacturer	Net Brake H.P.
C	2.5 SEFI-SOHC	I-4	Gasoline	Ford	119
U	3.0 SEFI-OHV	V-6	Gasoline	Ford	143
V	3.0 SEFI-FFV	V-6	Gasoline/E85	Ford	152
T	3.3 SEFI-SOHC	V-6	Gasoline	Nissan	170
4	3.8 SEFI-SPI	V-6	Gasoline	Ford	200
X	4.0 SEFI-OHV	V-6	Gasoline	Ford	160
E	4.0 SEFI-SOHC	V-6	Gasoline	Ford	210
2	4.2 SEFI-SPI	V-6	Gasoline	Ford	195-210
6	4.6 SEFI-SOHC (W)	V-8	Gasoline	Ford	240
W	4.6 SEFI-SOHC (R)	V-8	Gasoline	Ford	215-220
P	5.0 SEFI-OHV	V-8	Gasoline	Ford	215
L	5.4 SEFI-SOHC (W)	V-8	Gasoline	Ford	260
3	5.4 SEFI-SOHC SC	V-8	Gasoline	Ford	TBD
M	5.4 SEFI-SOHC (W)	V-8	Natural Gas (CNG)	Ford	195-200
A	5.4 SEFI DOHC (W)	V-8	Gasoline	Ford	300
Z	5.4 SEFI-SOHC (W)	V-8	Gasoline-GFP	Ford	260
S	6.8 SEFI-SOHC (W)	V-10	Gasoline	Ford	265-275
F	7.3 D-TURBO-DI	V-8	Diesel	Navistar	215-235

DELETE ENGINE (applicable to all groups)

0 (Zero) DSO Glider - Delete Engine on motor vehicle equipment only.

"SEFI": Sequential Electronic Fuel Injection

"DOHC": Double Overhead Camshaft.

"FFV": Flexible Fuel Vehicle

"M85": Methanol Flexible Fuel

"Turbo": Turbocharged

"IDI": Indirect Injection

"(W)": Windsor Engine Plant

"CNG": Compressed Natural Gas

"SOHC": Single Overhead Camshaft

"SPI" : Split Port Induction

"SHO": Super High Output

"E85": Ethanol Flexible Fuel

"DI": Direct Injection

"(R)": Romeo Engine Plant

"SC" : Supercharged

"OHV" : Overhead Valve

"GFP" means Gaseous Fuel Prep. Gaseous fuel includes Natural Gas and Liquefied Petroleum Gas "LPG" (Propane). Leaves Ford Assy. Plant as a gasoline engine but suitable for aftermarket conversion.

Note: shading highlights changes from previous report.

015

I. (Cont.) 1999 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION
 Engine Type-Displacement, Cylinders, Fuel Type, Manufacturer, and Horsepower (H.P.) Ratings

(VIN Position 8)

Table 3: LIGHT/MEDIUM/HEAVY TRUCK (with GVW Ratings over 11,000 pounds)

VIN CODE	Displacement/ Litre	Cylinders	Fuel	Manufacturer	Net Brake H.P.
L	5.4 SEFI-SOHC (W)	V-8	Gasoline	Ford	235
S	6.8 SEFI-SOHC (W)	V-10	Gasoline	Ford	265-275
Z*	5.9	I-6	Diesel	Cummins, Model ISB	190
C	5.9	I-6	Diesel	Cummins, Model B5.9	175-190
1	5.9	I-6	Diesel	Cummins, Model ISB	175-215
F	7.3 D-TURBO-DI	V-8	Diesel	Navistar	215-235

DELETE ENGINE (applicable to all groups)

0 (Zero) DSO Glider - Delete Engine on motor vehicle equipment only.

"SEFI" : Sequential Electronic Fuel Injection

"DOHC" : Double Overhead Camshaft.

"FFV" : Flexible Fuel Vehicle

"M85" : Methanol Flexible Fuel

"Turbo" : Turbocharged

"IDI" : Indirect Injection

"(W)" : Windsor Engine Plant

"SOHC" : Single Overhead Camshaft.

"SPI" : Split Port Induction.

"SHO" : Super High Output

"E85" : Ethanol Flexible Fuel

"DI" : Direct Injection.

"(R)" : Romeo Engine Plant

"SC" : Supercharged

* for Ryder Truck vehicles only, engine has fuel heater and unique programming

Note: shading highlights changes from previous report.

VII. (Cont.) 1999 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION
 Engine Type-Displacement, Cylinders, Fuel Type, Manufacturer, and Horsepower (H.P.) Ratings

(VIN Position 8)

ELECTRIC VEHICLES

VIN CODE	Power	Nominal Voltage	Fuel	Manufacturer	Battery Pack	Gross H.P. Range
7	71 kW	312 Volts	Electric	Siemens	Lead/Acid	90
1	76 kW	300 Volts	Electric	Siemens	NiMH	90

"NiMH": Nickel metal hydride

Note: shading highlights changes from previous report.

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VIII. 1999 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION

VIN Check Digit
(VIN Position 9)

See Paragraph 565.5(c) of Part 565.

The check digit must have a value of 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, or X.

IX.

Vehicle Model Year
(VIN Position 10)

<u>VIN CODE</u>	<u>YEAR</u>
B	1981
C	1982
D	1983
E	1984
F	1985
G	1986
H	1987
J	1988
K	1989
L	1990
M	1991
N	1992
P	1993
R	1994
S	1995
T	1996
V	1997
W	1998
X	1999
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

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IX. 1999 VEHICLE IDENTIFICATION NUMBER (VIN) ELEMENT CODING INFORMATION
Plant of Manufacture
(VIN position 11)

The plant of manufacture VIN code is designated as follows:

VIN CODE	Vehicle Assembly Plant Name: Location	Passenger Cars	Light Trucks/ MPV's	Medium/ Heavy Trucks
A	Atlanta: Hapeville, Georgia	X		
B	Oakville: Oakville, Ontario		X	
C	Ontario Truck: Oakville, Ontario		X	
D	Ohio: Avon Lake, Ohio		X	
E	Kentucky Truck: Jefferson County, Kentucky		X	
F	Dearborn: Dearborn, Michigan	X		
G	Chicago: Chicago, Illinois	X		
H	Lorain: Lorain, Ohio		X	
J	IMMSA: Monterrey, Mexico			X
K	Kansas City; Claycomo, Missouri	X	X	
L	Michigan Truck: Wayne, Michigan			
M	Cuautitlan: Cuautitlan, Mexico	X	X	X
N	Norfolk: Norfolk, Virginia		X	
P	Twin Cities: St. Paul, Minnesota		X	
R	Hermosillo: Hermosillo, Mexico	X		
T	Edison: Edison, New Jersey		X	
U	Louisville: Louisville, Kentucky		X	
V	Kentucky Truck: Jefferson County, Kentucky			
W	Wayne: Wayne, Michigan	X		
X	St. Thomas: Talbotville, Ontario	X		
Y	Wixom; Wixom, Michigan	X		
Z	St. Louis: Hazelwood, Missouri		X	
5	AAI: Flat Rock, Michigan	X		

X. Sequential Vehicle Identifiers
(VIN Positions 12 through 17)

Passenger:

Unique six digit numeric sequence codes are assigned to each passenger car by the vehicle assembly plant of manufacture. Sequence codes for "Ford" make passenger cars may range from 100,001 through 599,999; sequence numbers for "Lincoln" and "Mercury" make passenger cars may range from 600,001 through 999,999.

Trucks, MPV's, buses and incomplete vehicles:

A six digit alphanumeric sequence code (first digit alpha, last five digits numeric) is assigned for trucks, MPV's, and incomplete vehicles. For Nissan-badged vehicles, a six-digit numerical sequence has been assigned.

01-22-N11B-7058

Global Electric MotorCars, L.L.C.

3601 7th Avenue NW
Fargo, ND 58102
Phone: 701-232-2500
Toll Free: 1-888-871-4367
Fax: 701-232-0600

EXECUTIVE SECRETARIAT
1999 JAN 21 AM 11:46
NATIONAL HIGHWAY
TRAFFIC SAFETY ADMIN.

JAN 21 PM 4:41
158A-30

January 5, 1999

Administrator
Attn: VIN Coordinator
National Highway Traffic Safety Administration
400 Seventh Street SW
Washington, DC 20590

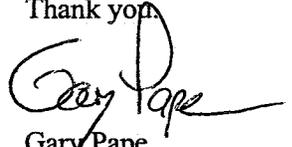
2 pp

To Whom It May Concern:

Enclosed you will find copies of Part 565, "VIN Identification" for Global Electric MotorCars. Recently we have made changes to Position 5 of the VIN Identification process due to duplication. Positions 6 and 7 distinguish our vehicle characteristics sufficiently, therefore deleting half of our body types in Position 5.

If we need to do something other than notify you of this change please advise us.

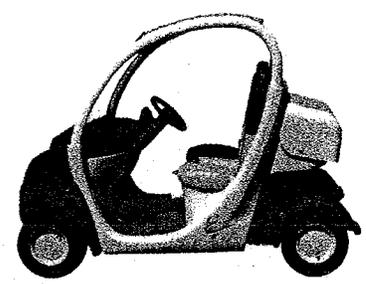
Thank you



Gary Pape
Research and Development

Enclosures

001



Global Electric MotorCars
 3601 7th Ave. NW
 Fargo, ND 58102
 Phone: (701) 232-2500
 Fax: (701) 232-0600

002

Part 565, "VIN Identification"

W	M	I	A	A	N	N	N	A/N	A/N	A	N	N	N	N	N	N
Positions 1,2,3 are the World Manufacturing Identifier numbers assigned by SAE			4 is the assembly line #	5 is the series of cars	6 is the passenger version	7 is the voltage	8 is the type of restraint	9 is the check digit	10 is the model year	11 is the plant #	Positions 12,13,14,15,16, and 17 are the Sequential Production Numbers					
S A S			A= Line Number One	Standard =A Concession =B Sm. Utility =C Lg. Utility =D Roadster =E Fleet =F REV =R	2 = Two Passenger 4 = Four Passenger	3 = 36 volt 4 = 48 volt 7 = 72 volt	4 = Inertia Reel Belt	Number Generated Through Mathematics Formula	W = 1998 X = 1999 Y = 2000 1 = 2001 2 = 2002 3 = 2003	F = Plant in Fargo						

A= Letter

N= Number

A/N= Optional letter or number

01-22-N11B-7059



Arent Fox

ATTORNEYS AT LAW

Arent Fox Kintner Plotkin & Kahn, PLLC
1050 Connecticut Avenue, NW Washington, DC 20036-5339
Phone 202/857-6000 Fax 202/857-6395 www.arentfox.com

Paul Jackson Rice

Direct 202-857-6009
ricepj@arentfox.com

January 26, 1999

FILE

Administrator
National Highway Traffic Safety Administration
400 Seventh Street, S.W.
Washington, DC 20590

Attention: VIN Coordinator

5 pp

Re: Background Information on Bombardier NV VIN Number

Dear Sir:

In accordance with 49 Code of Federal Regulations, Section 565.7(c), I am providing background information on Bombardier's Neighborhood Vehicle (NV), which should assist you in deciphering the characters contained in its Vehicle Identification Number.

Please find enclosed a letter from Mark A. Nantais, President of the Canadian Vehicle Manufacturers' Association, which assigns to Bombardier the characters 2BW to occupy the first three positions of its VIN numbers. Also enclosed please find examples of what may be located in each one of the seventeen positions in the VIN number. While the enclosure was submitted to Bombardier as a suggestion, Bombardier has decided to adopt the suggested proposal, and it may be used to decipher the characters in the VIN number.

I hope this information is sufficient for your needs. If, however, you have any questions, please contact me.

Very truly yours,

Paul Jackson Rice
Counsel for Bombardier, Inc.

cc: Pierre Arsenault
Rob Schuetz
Luc de Gaspé Beaubien

001



Canadian Vehicle
Manufacturers' Association
Association canadienne
des constructeurs de véhicules

June 22, 1998

CVMA Ref.#: 2047

Mr. Daniel Caron
Director of Operations
Bombardier Recreational Products
75, J.A. Bombardier Street
Sherbrooke Quebec J1L 1W3

<i>National Office</i>	<i>Ottawa Office</i>
25 Adelaide St. E.	350 Albert St.
Suite 1602	Suite 1600, Box 74
Toronto, Ontario	Ottawa, Ontario
M5C 3A1	K1R 1A4
Tel 416-364-9333	Tel 1-800-758-7122
Fax 416-367-3221	
cvma@tor.hookup.net	
http://www.cvma.ca	

Dear Mr. Caron:

Thank you for your recent letter in which you request that the company you represent be assigned a World Manufacturer Identifier (WMI) code.

In accordance with the requirements of the Canadian and United States Motor Vehicle Safety Standards pertaining to vehicle identification numbers (number 115), your company has been classified as a manufacturer of **Passenger Cars**.

Since your company manufactures more than 500 units annually we have assigned the following code (* denotes a manufacturer defined character):

2BW*****

The elaboration of the 17 character vehicle identification number (VIN) is laid down in section 115 of the Motor Vehicle Safety Regulations. These and the Motor Vehicle Safety Act can be procured from:

Canada Communications Group - Publishing
Ottawa, Ontario, Canada K1A 0S9

Tel: 1-819-956-4800 (Diskette or CD ROM)
Tel: 1-800-268-4522 (Paper copy)

Queries should be addressed to:

Transport Canada
Road Safety and Motor Vehicle Regulations
344 Slater Street, Canada Building
Ottawa ON K1A 0N5
Tel: 1-613-998-2337
Fax: 1-613-998-4831

Yours sincerely,

for. Heidi Jones
Mark A. Nadeau
President

c.c. Cathy Douds, SAE
Susan Race, Transport Canada

002

BBD NEV's VEHICLE IDENTIFICATION NUMBER

- Each character shall have a minimum height of 4 mm.
- The VIN shall be readable, without moving any part of the vehicle, through the vehicle glazing under daylight lighting conditions by an observer having 20/20 vision (Snellen) whose eye-point is located outside the vehicle adjacent to the left windshield pillar.
- Characters «I», «O» and «Q» shall not be used.
- The type face utilized for each VIN shall consist of capital, sanserif characters.
- Description:

Section 1			Section 2					Section 3	Section 4							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Manufacturer Identifier (Assigned by CVMA)			Attributes					Check Digit	Model Year, Plant of Manufacture and six Digits Number Sequentially Assigned							

Digit 1: Manufacturer (numeric or alphabetic character)

«2» Bombardier Inc. (Equivalent to Chrysler Corp.)

Digit 2: Make (numeric or alphabetic character)

«B» for Bombardier NV Division (Equivalent to Dodge Division)

Digit 3: Type or class of vehicle (numeric or alphabetic character)

«W» for Passenger car (Low-speed vehicle for U.S.)

Digit 4: Line (alphabetic character)

Suggestion: «E» for NEV (Equivalent to Aries)

Digit 5: Series (alphabetic character)

Suggestion: «S» for NEV Sport-E (Equivalent to Aries SE and used for marketing purposes)
«C» for NEV Class-E

Digit 6: Body type (numeric character)

Suggestion: «1» for 2-Seater Micro Car

Digit 7: Engine type (numeric character)

Suggestion: «4» for 4 kW nominal power rating

Digit 8: Restraint system type (numeric or alphabetic character)

Suggestion: «1» for active seat belts

Digit 9: Check digit (numeric character)

Calculation of the check digit is describe on section 565.5 (c) of CFR 49

Digit 10: Model year (see Table VI for corresponding alphabetic character)

Example: «V» for 1997
«W» for 1998
«X» for 1999

Digit 11: Plant of manufacture

Suggestion: «S» for Sherbrooke

Digit 12, 13, 14, 15, 16, 17: Number sequentially assigned by the manufacturer in the production process

Example: «001234»

Example of BBD NEV's Vehicle Identification Number :

2 B W E C¹ 1 4 1 ?² W S 0 0 1 2 3 4

1. «C» for Class-E or «S» for Sport-E
2. According to section 565.5 (c) of CFR 49, the check digit would be calculated as followed:

VIN position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Sample VIN	2	B	W	E	C	1	4	1	...	W	S	0	0	1	2	3	4
Assigned value	2	2	6	5	3	1	4	1	...	6	2	0	0	1	2	3	4
Weight factor	8	7	6	5	4	3	2	10	...	9	8	7	6	5	4	3	2
Assigned value X weight factor	16	14	36	25	12	3	8	10	...	54	16	0	0	1	8	9	8

Added products : $16+14+36+25+12+3+8+10+54+16+0+0+1+2+3+4 = 204$

Divided by 11 : $204/11 = 18 \frac{6}{11}$

The remainder is 6; this is the check digit to be inserted in position nine (9) of the VIN

FILE *Ultra*

10-7

01-22-N22-N11B-7060

Administrator
National Highway Traffic Safety Administration
400 Seventh Street, SW.
Washington DC 20590

3 pgs

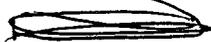
Dear Administrator,

I am writing to you in regards to a change in the reporting of our VIN numbers. I am sending you a copy of the correct deciphering of VIN numbers used on the motorcycles our company manufactures. This change only affects the number eleven position of the VIN. The Number eleven position refers to the manufacturing plant. We currently report the letter "R" in this position which reflects that the motorcycles are built in Riverside CA. With the new building center for our manufacturing process, it will be more descriptive to break down the manufacturing plant into manufacturing teams. The teams will be reflected in the number eleven position of the VIN number using the appropriate letters A through G.

I am submitting to you a complete breakdown of our VIN numbers, both the old format and the new format. If there are any questions regarding this change, please call me at (909) 343-1883 ext. 112

We will begin to issue VIN numbers using this new format on 1 January 1999.

Thank You,
Drew Milburn



Director of Manufacturing

EXECUTIVE SECRETARIAT
1999 JAN 11 PM 5:11
NATIONAL HIGHWAY
TRAFFIC SAFETY ADMIN.

001

01-22-N11B-7061 NSA

FILE

JOHN PEPPER WELDING
RR1 Box 195
Pleasant Mount, PA 18453-9517

January 18, 1999 (*REVISED*)

Administrator
National Highway Traffic Safety Administration
400 Seventh Street, SW
Washington, DC 20590
Attn: VIN Coordinator

1 pg.

Subject: VIN Decoding Information for John Peper Welding

In accordance with 565.7(c) of 49 CFR Part 565, Vehicle Identification Number, John Peper Welding hereby submits Vehicle Identification Number (VIN) decoding information.

VIN POSITION:	DESCRIPTION:	CODES:
1,2&3	WMI	1J9
4	Trailer Type	B=Ball Type Pull
5	Body Type	U=Utility trailer B=Boat trailer C=Car trailer
6&7	Length of Trailer (rounded to nearest foot)	09=09 feet long 18=18 feet long
8	Number of Axles	1=1 axle 2=2 axles
9	Check Digit	Calculate-See 49 CFR 565.4
10	Model Year	W=1998 X=1999 Y=2000
11	Plant Location	B=Beach Lake
12,13&14	WMI	210
15,16&17	Sequential Production Number	001 002

NATIONAL HIGHWAY
TRAFFIC SAFETY ADMIN.

1999 JAN 25 PM 4:46

EXECUTIVE SECRETARIAT

USA

(541) 791-4610
FAX (541) 791-4618
800-530-3710
www.chaletrv.com



Chalet RV Inc.

725 First Ave. S.E. • Albany, Oregon 97321

FILE

01-22-N11B-7062

January 18, 1999

National Highway Traffic Safety Administration
ATTN: VIN Coordinator, NRM-15, Rm. 5320
400 7th Street, SW
Washington D.C., 20590

1 pg.

To Whom It May Concern:

I am submitting an example of our Vehicle Identification Number (V.I.N.) as well as the information necessary to decipher all the characters of the V.I.N. If you have any questions, please contact us. The example is as follows:

POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
ACTUAL VIN	1	C	9	C	S	1	5	1	6	X	A	7	2	5	0	0	1

- WMI (Position 1-3): 1C9
- TYPE OF TRAILER (Position 4): C = CAMPING (This is the only type of trailer we manufacture)
- SERIES/BODY TYPE (Position 5): L = ALPINE R = ARROWHEAD S = ASPEN
- LENGTH IN FEET (Position 6, 7): 15
- NUMBER OF AXLES (Position 8): 1
- PLANT (Position 11): A = ALBANY, OREGON
- MANUFACTURER IDENTIFIER (Position 12, 13, 14): 725

Sincerely,

Brenda Hanson

Brenda Hanson

NATIONAL HIGHWAY TRAFFIC SAFETY ADMIN.

1999 JAN 25 PM 4:46

EXECUTIVE SECRETARIAT

01-22-N11B-7063

FILE

LYNN WELDING SHOP
2458 LeTourneau Road
Vicksburg, Mississippi 39180
PH. 601-638-7235
FAX 601-638-2035

January 14, 1999

1 Pg

Position	Description	Code
1 1	WMI	1
2 L		L
3 9		9
4 C	FRAME TYPE	C=CHANNEL IRON
5 B	TRAILER TYPE	B=BOAT
6 1	LENGTH OF TRAILER	1
7 6	IN FEET	6 =TRAILER LENGTH
8 1	NUMBER OF AXLES	1=ONE AXLE
9 X	CHECK DIGIT	9
10 X	YEAR	X=1999
11 V	PLANT LOCATION	V=VICKSBURG
12 2	WMI	2
13 5		5
14 4		4
15 0	PRODUCTION SEQUENCE	0
16 0		0
17 1		1

V.I.N. #1L9CB1619XV254001

01-22-N11B-7064

HORTON VANS, INC.

RECREATIONAL VEHICLE DIVISION

Post Office Box 4307
101 Industrial Blvd
Eatonton, Ga. 31024

FILE

Phone 706-485-8506
Fax 706-485-5981

JANUARY 13, 1999

Administrator
National Highway Traffic Safety Administration
400 Seventh Street, S.W.
Washington, DC 20590

Dear Sir:

We are making a name change to our corporation. The name will change from **Horton Homes, Inc.** to **Horton Vans, Inc.** The address of this new corporation will change. The World Manufacturer (Maker) Identifier will still be **1H9**, but the WMI Code will change to **346**. I am sending you a revised attachment A and B tables.

The new address is as follows:

HORTON VANS, INC.
RECREATIONAL VEHICLE DIVISION

Post Office Box 4307
101 Industrial Blvd.
Eatonton, Ga. 31024

Phone 706-485-8506
Fax 706-485-5981

Sincerely,



Carl Brorup
Director of Engineering

EXECUTIVE SECRETARIAL
1999 JAN 19 PM 1:21
NATIONAL HIGHWAY
TRAFFIC SAFETY ADMIN.

HORTON VANS, INC.

RECREATIONAL VEHICLE DIVISION

Attachment - B

Table 115-C
YEAR CODES FOR VIN

YEAR	CODE
1998	W
1999	X
2000	Y
2001	Z
2002	1
2003	2
2004	3
2005	4
2006	5
2007	6
2008	7
2009	8
2010	9
2011	A
2012	B
2013	C
2014	D
2015	E
2016	F
2017	G
2018	H
2019	J
2020	K
2021	L
2022	M
2023	N
2024	P
2025	R
2026	S
2027	T
2028	V
2029	W
2030	X

Table 115-A
ASSIGNED VALUES

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

Table 115-B
VIN POSITION
AND
WEIGHT FACTOR

1st	8
2d	7
3d	6
4th	5
5th	4
6th	3
7th	2
8th	10
9th ... (check digit)	
10th	9
11th	8
12th	7
13th	6
14th	5
15th	4
16th	3
17th	2

Table 115-D
LENGTH CODE

A	0 to 6 feet
B	6 to 8 feet
C	8 to 10 feet
D	10 to 12 feet
E	12 to 14 feet
F	14 to 16 feet
G	16 to 18 feet
H	18 to 20 feet
J	20 to 22 feet
K	22 to 24 feet
L	24 to 26 feet
M	26 to 28 feet
N	28 to 30 feet
P	30 to 32 feet
R	32 to 34 feet
S	34 to 36 feet
T	36 to 38 feet
U	38 to 40 feet



Kawasaki Motors Corp., U.S.A.

FILE

January 21, 1999

K99-09SP

01-22-N11B-7065

Administrator
National Highway Traffic Safety Administration
400 Seventh Street, SW.
Washington, DC 20590

5 pg

Attention: VIN Coordinator

Subject: 2000 Model Year Motorcycle VIN Information

Dear Sir / Madam:

In accordance with the requirements of 49 CFR 565.7, Kawasaki herein submits the following information as currently available for the 2000 model year:

Model	EX250-F14	KL650-A14
Model Year	2000	2000
VIN	JKAEXMF1()YA	JKAKLEA1()YA
Number of Cylinders	2	1
Description	Street	Dual Purpose
Maximum Power (HP)	38	48
Production Start	April 1 st , 1999	April 1 st , 1999

Please also find enclosed Kawasaki's VIN coding description.

Sincerely,

KAWASAKI MOTORS

Scott Patten
Government Relations Coordinator

001

P.O. Box 25252
Santa Ana, California
92799-5252

949/770-0400
Fax 949/460-5602

9950 Jeronimo Road
Irvine, California
92618-2084

KAWASAKI VIN CODING DESCRIPTION

Characters

Description

1,2,3

Manufacturer: Kawasaki Heavy Industries Ltd., Kawasaki Motors Manufacturing Corp., U.S.A., and Kawasaki Motors (Philippines) Corp.

JKA or JKB will be used for each model, depending on the nominal engine displacement code in Character 6.

4,5

Model Line Identification Engine Type

ZX:	Super Sports	In-line 4 cylinder, water cooled, 4 cycle.
ZR:	European Sports	In-line 4 cylinder, air cooled, 4 cycle
ZN:	Easy Riding	In-line 6 cylinder, water cooled, 4 cycle
ZG:	Touring	In-line 4 cylinder, water cooled, 4 cycle
ZL:	American Sports	In-line 4 cylinder, water cooled 4 cycle
VN:	Easy Riding	Vee 2 cylinder, water cooled, 4 cycle
EX:	Super Sports	In-line 2 cylinder, water cooled, 4 cycle
EN:	Easy Riding	In-line 2 cylinder, water cooled, 4 cycle
KZ:	Police, E. Riding	In-line 4 cylinder, air cooled, 4 cycle
KL:	Dual Purpose	Single cylinder, water cooled, 4 cycle
KE:	Dual Purpose	Single cylinder, air cooled, 2 cycle

KAWASAKI VIN CODING DESCRIPTION

Characters Description

6 Nominal engine displacement

Within "JKA": digits 1,2,3

Within "JKB": digits 1,2,3

<u>Code</u>	<u>Nominal Displacement</u>
A	1300 cc
B	1100
C	1000
D	750
E	650
F	550
G	450
H	440
J	420
K	400
L	305
M	250
N	200
P	175
R	125
S	110
T	100
V	500
W	80
X	60
Y	50
1	580
2	900
3	150
4	600
5	160
6	700
7	185
8	300
9	1200

<u>Code</u>	<u>Nominal Displacement</u>
A	1500 cc
B	220
C	800
D	Reserved
E	Reserved
F	Reserved
G	Reserved
H	Reserved
J	Reserved
K	Reserved
L	Reserved
M	Reserved
N	Reserved
P	Reserved
R	Reserved
S	Reserved
T	Reserved
V	Reserved
W	Reserved
X	Reserved
Y	Reserved
1	Reserved
2	Reserved
3	Reserved
4	Reserved
5	Reserved
6	Reserved
7	Reserved
8	Reserved
9	Reserved

KAWASAKI VIN CODING DESCRIPTION

Characters

Description

7

Model variation and engine characteristics

This code is used to indicate styling or feature differences between models or similar specifications as represented by characters 4,5, and 6 (model line, basic engine type, and nominal engine displacement).

8

Net brake horsepower

Each model will use the number "1" to indicate the net brake engine horsepower. Any changes in this specification exceeding 10% without requiring changes to any other character of the VIN will be coded "2".

9

Check digit

The check digit will be calculated in accordance with the requirements of 49 CFR 565.4 (c).

10

Model Year

The model year will be designated in accordance with 49 CFR 565.4 (d).

A-1980	F-1985	L-1990	S-1995	Y-2000
B-1981	G-1986	M-1991	T-1996	1-2001
C-1982	H-1987	N-1992	V-1997	
D-1983	J-1988	P-1993	W-1998	
E-1984	K-1989	R-1994	X-1999	

KAWASAKI VIN CODING DESCRIPTION

Characters

Description

11

Plant of manufacture

Kawasaki motorcycles are manufactured in three locations and are coded as follows:

- A: Kawasaki Heavy Industries at Akashi, Japan
- B: Kawasaki Motors Manufacturing Corp., U.S.A.
- C: Kawasaki Motors (Philippines) Corporation

12-17

Production Sequence

These numbers will be assigned sequentially within a model, as defined by characters 4,5,6,7,8,10, and 11. Not all models will begin with 000001.



BLUE BIRD®

01-22-N11B-7066

FILE

January 19, 1999

Administrator
National Highway Traffic Safety Administration
400 7th Street, SW
Washington, DC 20590

1 pg.

ATTENTION: VIN COORDINATOR

Pursuant to the requirements of 49 CFR 565.5, I am providing an updated list of the engine type used in the 7th digit of the Blue Bird VIN. (NOTE: The change is adding J CUM ISM.)

ENGINE TYPE - 7th DIGIT

A	CAT	3116T	V	CUM	ISBA
B	CAT	3116TA	W	CUM	ISBAB
C	CAT	3116TAB	X	CUM	ISC
D	CAT	3126T	Y	CUM	ISCA
H	CUM	5.9 BG	Z	CUM	ISCAB
J	CUM	ISM	0	CAT	3126B
M	JD	8.1G	1	CAT	3126BA
N	JD	6.8G	4	CAT	3126BAB
P	CUM	ISB	5	CUM	M11
R	CUM	5.9 T	6	CUM	8.3T
S	CUM	5.9 TA	7	CUM	8.3TA
T	CUM	5.9 TAB	8	CUM	8.3TAB
U	Westinghouse		9	DD	Series 60

Yours very truly,

Thomas D. Turner
Manager, Engineering Services

lw

c: CFR Part 565 Rick Mitchell
 Bill Milby Elizabeth Green
 Doug Freeman Gary Teal
 Frank Dressler Bob Fisher
 Bruce Miles

BLUE BIRD BODY COMPANY

P.O. Box 937 • Fort Valley, Georgia 31030 • (912) 825-2021

JAGUAR CARS INC

555 MAC ARTHUR BLVD

01-22-N11B-7067 MAHWAH, NJ 07430
2000 MODEL YEAR VIN DECODER

201-818-8202

<u>POSITION</u>	<u>DEFINITION</u>	<u>CHARACTERS</u>
1-3	World Manufacturer ID	SAJ
4	Market/Airbags*	F, B = Canada P, R = Mexico D, J = USA
5	Transmission/Steering	A = Automatic LHS
6-7	Vehicle Line/Body Type	01 = S-TYPE 4 Door Sedan 14 = XJ8 15 = XJR 23 = XJ8L 24 = VDP 25 = VDP Supercharged 41 = XK8 Coupe 42 = XK8 Convertible
8	Emission Control System	C = S-TYPE V6 D = S-TYPE V8 B = XKR, XJR/VDP S/C G = XJ8, XJ8L, VDP, XK8
9	Check Digit	?
10	Model Year	Y = 2000 Model Year
11	Model Line & Assembly Plt	B = 4.0L Sedan; Browns Lane D = 4.0L S/C; Browns Lane E = XKR S/C; Browns Lane F = 3.0L S-TYPE V6; Castle Bromwich G = 4.0L S-TYPE V8; Castle Bromwich
12	Model	A, B, C = XK8 F, G, H = XJ Sedan L, M, N - S-TYPE
13-17	Sequential	00001

FILE

* All 2000 Model Year Jaguars will have driver and passenger frontal airbags and side airbags for front seats only.

Jaguar Cars - 201 818-8171

2000MYDECODER

001

8JAN99

VIN DISTRIBUTION LIST

FROM: DIANNE BLACK-NIXON, MANAGER
Product Legislation & Compliance
Jaguar Cars

Don LaBoffe	R.L. Polk	513-763-8255 Fax 513-381-3885 X491 Phone
Joel VanDeVen	Motor Publications	248-828-0215
Ms. Gina Nordquist	NICB	708-430-1925
Harry Thompson	NHTSA	202-366-3081
Oris Younger	VIN Coordinator/NHTSA	202-366-3081
Bret Swanson	Black Book	800-387-0607
Robert Eberle	CA State Auto Assoc.	415-565-4567
David Martindale	Ford P.E.S.	313-248-9117
Ms. Nanci Shelton	Jaguar Communications	248-488-3696
Tom Lyttle	Urban Science Appl	313-259-1362
Elizabeth Canlas	ADP California	510-866-4838
Tracey Kuehn	ADP	503-652-7834
Richard Firestone	IIHS	703-247-1595 Fax 703-247-1600 Phone
Paul Shanahan	Chilton	610-964-4745
Ford Motor Co	Auto Safety & Engineering Stds. Fairlane Plaza South Suite 500, 330 Town Center Drive Dearborn, MI 48126	
Pam Linsdeau	Vehicle Information Profiles 22431 Wildwood St. Clair Shores, MI 48080	810-775-2949 Phone 810-772-6032 Fax
Mary Redden	Cross Sell Inc. 1308 Bardstown Rd Ste 200 Louisville, KY 40204	502-458-0846 Fax 502-458-0050 Phone
Saul Fraynd	Onyx Insurance Group 560 N.W. 165 Street Rd. N. Miami, FL 33169	305-945-9200 Phone 305-956-3848 FAX
Mike Dennis	Ford	313-446-4624
Judy	Black Book	714-837-1904
Pegi Beeler	Ford	313-594-3490 FAX
Carmella Ray	Allstate	847-402-2785 Phone 847-402-9744 FAX

VIN DISTRIBUTION LIST

01-22-N11B-7068

FILE

Administrator
National Highway Traffic Safety Administration
ATTN: VIN Coordinator, NEF-01, Rm. 5321
400 7th Street, S.W.
Washington, D.C. 20590

January 12, 1999

This letter is in regards to an updated model listing for our VIN codes.
Attached is a breakdown of our coding system.

Example: 13SAH202XX1AA1985

2pg

The first three characters will always be 13S. This is our world manufacturer identifier that was assigned to our business.

The 4th character is the types of trailers we produce. (A-Sunlite)

The 5th character is the body type of the trailer. (H-720GN)

The 6th & 7th characters are the length in feet. (20-20 feet)

The 8th character is the number of axles on the trailer. (2-2axles)

The 9th character is the check digit that will be determined by carrying out the mathematical computation when the number is assigned. (X)

The 10th character is the model year of the trailer. (X-1999)

The 11th character is the plant location which will always be 1 because we manufacture all the trailers at this one location. (1)

The 12th through 17th characters are sequential production numbers designated as follows.

The 12th character will be the same as the 4th character (type of trailer).

The 13th character will be the "set of ten thousand" (A=first ten thousand, B=second ten thousand, C=third ten thousand, Etc.)

The 14th through 17th characters are the sequential production numbers. When the sequential production numbers reach 9999 they will reset to 0001 and the "set of ten thousand" will then advance from A to B.

The example listed above refers to a 1999 model Sunlite 720GN 20' in length with 2 axles.

If you have any question to the information provided in this letter please feel free to contact me.

Thank You,

Victor R Cook

Vic Cook

SUNDOWNER TRAILER COMPANY, INC.

STAR ROUTE

COLEMAN, OK

73432

001

VEHICLE IDENTIFICATION NUMBER

VEHICLE TYPE: TRAILER

SECTION	1	2					3	4									
SECTION TITLE	world manufacturer identifier	vehicle description section					check digit	model year	plant	sequential production number							
CHARACTER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
CHARACTER TYPE	B	B	B	B	B	B	B	B	B	B	B	B	B	N	N	N	N

world manufacturer identifier	trailer type	body type	length in feet	# of axles	check digit	model year	plant location	sequential production number
-------------------------------	--------------	-----------	----------------	------------	-------------	------------	----------------	------------------------------

Trailer Types

- A Sunlite
- S Steel
- D Dolly
- V ValueLite
- L Sunlite Living Quarters
- Z ValueLite Living Quarters

Body Types

	Sunlite		Steel		ValueLite		Sunlite LQ		ValueLite LQ		Model Year
A	700 gn	F	Cargo van bp	A	bp Straight load	A	700 gn	A	gn Slant	S	1995
B	700 bp	E	Cargo van gn	B	bp Straight load w/dress	B	705 gn			T	1996
C	705 gn	S	Charter bp	C	bp Slant load	C	710 gn			V	1997
D	705 bp	V	Charter bp w/dress	D	gn straight load	D	720 gn			W	1998
E	710 gn	T	Charter gn	E	gn slant load	E	725 gn			X	1999
F	710 bp	W	Charter gn w/dress	F	valuesport	F	C-550			Y	2000
G	715	U	Charter w/20 deg. front			G	C-575			1	2001
H	720 gn	K	Executive bp			H	S-650			2	2002
J	720 bp	D	Executive gn			J	740			3	2003
K	725 gn	N	Performer			K	760			4	2004
L	725 bp	A	Rancher							5	2005
M	C-500	B	Rancher special							6	2006
N	C-525	C	Rancher sport							7	2007
P	C-550	Y	Showman 2h							8	2008
R	C-575	Z	Showman 4h							9	2009
S	S-600	M	Sportman							A	2010
T	S-625	R	Sportman gn w/feed & tack							B	2011
U	S-650	G	Stockman							C	2012
V	740	H	Stockman special							D	2013
W	760	L	Super sport							E	2014
X	Prostock	X	Transporter							F	2015
		J	Wrangler							G	2016
		P	Horizon bp							H	2017
		1	Horizon gn							J	2018
										K	2019

01-22-N11B-7069

MISTY MEADOW TRAILER SALES

152 MERINO LANE
BRIDPORT, VERMONT 05734
(802) 758-2253 • FAX (802) 758-2305

May 30, 1997

FILE

SAMPLE PART 565

Position

Description

code(s)

1 1
2 m
3 9
4 S

WMI

1M9

FRAME TYPE

A=SQ. TUBE
C=CHANNEL
IRON
S=Steel I Beam

5 U

TRAILER TYPE

B=BOAT
C=CAR
U=UTILITY

6 2
7 0

LENGTH OF TRAILER
IN FEET

08=8 FEET
TRAILER
12=12 FEET
TRAILER

8 2

NUMBER OF AXLES

1=ONE AXLE
2=TWO AXLE

9 1

CHECK DIGIT

FORMULA

10 X

YEAR

X=1999

11 C

PLANT LOCATION

C=ANY CITY
C=Bridport, VT

12 4
13 8
14 7

WMI

487

15 00
16 7
17 -00

PRODUCTION SEQUENCE

001...ETC

01-22-N11B-7070

FILE

Weldall Fabrication
P.O. Box 328
Rte. 1
Sullivan, Me. 04664

January 12, 1999

National Highway Traffic Safety Administration
400 Seventh Street, SW
Washington, DC 20590
Attn: VIN Coordinator

1 pg

VIN POSITON:	DESCRIPTION:	CODES:
1,2 & 3	WMI	1W9
4	Trailer Type	U=Utility
5	Body Type	B=Ball Type Pull
6 & 7	Length of Trailer (all lengths rounded to nearest foot)	04=04 Feet Long 20=20 Feet Long
8	Number of Axles	1=1 Axle 3=3 Axles
9	Check Digit	1
10	Model Year	X=1999
11	Plant Location	S=Sullivan
12, 13 & 14	WMI	295
15, 16, & 17	Sequential Production Number	001

01-22-N11B-7071

FILE

ARGO FAB, INC.
2026 N. 27TH. AVENUE
PHOENIX, ARIZONA 85009
PHONE 602-269-9480

1 pg.

Sept. 21, 1998

SUBJECT: VIN Decoding information for ARGO FAB, INC.
565 VIN SUBMISSION

Position	Description	Codes
1		
2	WMI	1A9
3		
4	Trailer Type	Flatbed
5	Body Type	C=Channel Iron
6	Length of trailer	1
7	in feet	8
8	Number of axles	2
9	Check digit	Per formula
10	Model year	W=1998
11	Plant location	P=Phoenix
12		4
13	WMI	6
14		3
15	Seq. production number	0
16		0
17		1

01-22-N11B-7072

FILE

**WHITE BEAR
EQUIPMENT, INC.**

Where the Customer is "King"

4 ANDERSON DRIVE, P.O. BOX 5450, ALBANY, NY 12205 (518) 438-4462

JANUARY 6, 1999

ADMINISTRATOR
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
400 SEVENTH STREET SW NSA-32
WASHINGTON DC 20590
ATTN: VIN COORDINATOR

3 pp

IN ACCORDANCE WITH '565.7© OF 49 CFR PART 565, VEHICLE IDENTIFICATION NUMBER, WHITE BEAR EQUIPMENT INC HEREBY SUBMITS VEHICLE IDENTIFICATION NUMBER (VIN) DECODING INFORMATION.

VIN POSITION	DESCRIPTION	CODES
1-2-3	WMI	1W9
4	TRAILER TYPE	SEE VIN DEFINITION EXPLANATION SHEET EXHIBIT A ATTACHED AND INCL A
5	BODY TYPE	A = AUTO TRANSPORT
6 & 7	LENGTH IN FEET	57 = 57 FEET
8	NUMBER OF AXLES	2 = 2 AXLES
9	CHECK DIGIT	SEE ATTACHED INCL B
10	MODEL YEAR	X = 1999
11	PLANT LOCATION	G = GLENS FALLS
12, 13 & 14	WMI	164
15, 16 & 17	SEQUENTIAL PROD NUMBER	001 THRU 999

001

VIN DEFINATION EXPLANATION SHEET
Sample

Section 1 World Manufacturer Identifier

Block No. 1 2 3
1 W 9

Section 2 Vehicle Attributes

Block No. 4 5 6 7 8
A P 1 0 1

Specific axles applied, see Incl. A

Length in feet

Number of Axles 1,2,3,...

Body Style:
P= Platform
V= Van
H= Horse
U= Utility
D= DUMP
B= BOAT

AUTO
TRANSPORT

Section 3 Check digit

Block No. 9
From calculation sheet see Incl. B

Section 4

Block No. 10 11 12 13 14 15 16 17
M A 1 6 4 0 0 1

Model year see Incl. C

Production sequence

A= Albany
New York
G= Glens Falls
NEW YORK

BLOCK #4 OF VIN AS FOLLOWS:

Letter Identifier	Information Definition
A	Dexter 2000lb
B	Dexter 3500lb
C	Dexter 6000lb regular duty
D	Dexter 6000lb heavy duty
E	Dexter 7000lb
F	Dexter 8000lb
G	Dexter 9000lb
H	Dexter 10,000lb general duty
I	Dexter 10,000lb heavy duty
J	Dexter 12,000lb heavy duty high profile
K	Dexter 12,000lb heavy duty low profile
L	Dexter 15,000lb 10 on 8.75 heavy duty
M	Dexter 15,000lb 6 on 8.75 heavy duty
N	Dexter 15,000lb 10 on 11.25 heavy duty
O	Dexter 15,000lb Demountable
P	Dexter 20,000lb heavy duty
Q	Dexter 22,500lb heavy duty
R	Dexter 25,000lb heavy duty
S	Dexter #9 Torflex
T	Dexter #10 Torflex
U	Dexter #11 Torflex
V	Dexter #12 Torflex
W	Dexter #13 Torflex
X	Not Used - ROCKWELL 2200# - 5/8 X 5" TQ4270Q
Y	Not Used
Z	Not Used

FILE

Custom TRALER
362 AEROSROME WAY
Griffin, GA 30224
(770) 228-6091

Vehicle Identification Number
Work Sheet

01-22-N11B-7073

7pp

<u>Position</u>	<u>Description</u>	<u>Code</u>	<u>Assigned Value</u>	<u>Weight Value</u>	<u>(A X B) Total</u>
1.	Assigned by US	5	1	8	40
2.	Assigned by US	B	2	7	14
3.	ⁿ Designated Number	7	7	6	42
4.	Type of Trailer (See Table I)			5	
5.	Series (See Table II)			4	
6.	Body Type (See Table III)			3	
7.	Length (See Table IV)			2	
8.	Axle Configuration (See Table V)			10	
9.	Check Sum		0	0	0
10.	Vehicle Model Year			9	
11.	Plant of Manufacture	1	1	8	8
12.	Manufacturer Code	0		7	0
13.	Make of Vehicle (See Table VII)	0		6	0
14.	Type of Vehicle (T for Trailer)			5	
15.	Sequential Number			4	
16.	Sequential Number			3	
17.	Sequential Number			2	

18. Total of Values Model _____

Curb Weight _____

PSI _____

Customer _____

Date _____

Max. Load _____

Invoice# _____

GVWR

001

TABLE I - TYPE OF TRAILER

(Enter your various types of trailers and assign each a unique one digit or one letter code).

<u>Trailer Type Description</u>	<u>Code Assigned</u>
Cargo	1
Equipment - Deck Over	2
Equipment - Between the Wheels	3
All Equipment Tilt	4
Lowboy	5
Utility - Small	6
Drop Deck	7

TABLE II - SERIES

(Enter your various series of trailers and assign each a unique one digit or one letter code).

<u>Series Description</u>	<u>Code Assigned</u>
1T - 3T	1
4T - 5T	2
6T - 7T	3
8T	4
9T	5
10T	6
12T - 14T	7
15T - 16T	8
18T - 27 30	9

T = Tons

TABLE III - BODY TYPE

(Enter your various body types for trailers and assign each a unique one digit or one letter code).

<u>Body Type Description</u>	<u>Code Assigned</u>
Flatbed - Wood Floor	1
Flatbed - Steel Floor	2
Enclosed	3
No Flooring	4
<i>Doose neck</i>	5

TABLE IV - LENGTH

(Enter the possible lengths of each trailer and assign each a unique one digit or one letter code).

<u>Length</u>	<u>Code Assigned</u>
8' and less	1
10' - 11'	2
12' - 13'	3
14' - 15'	4
16' - 17'	5
18' - 19'	6
20' - 21'	7
22' and over	8

(Use deck length plus dovetail)

TABLE V - AXLE CONFIGURATION

(Enter your various axle configurations for trailers and assign each a unique one digit or one letter code).

<u>Axle Configuration Description</u>	<u>Code Assigned</u>
Single Straight Single, Dual Wheel	1
Single Drop	2
Tandem Straight	3
Tandem Drop	4
Triple	5
Dual Tandem	6
Dual Triple	7
Bogies (4 Axles)	8

Table VI - Model Year

(Assign the following codes for the year of manufacture).

1981 - B	1992 - N	2003 - 3
1982 - C	1993 - P	2004 - 4
1983 - D	1994 - R	2005 - 5
1984 - E	1995 - S	2006 - 6
1985 - F	1996 - T	2007 - 7
1986 - G	1997 - V	2008 - 8
1987 - H	1998 - W	2009 - 9
1988 - J	1999 - X	2010 - A
1989 - K	2000 - U	2011 - B
1990 - L	2001 - 1	2012 - C
1991 - M	2002 - 2	

01-22-N11B-7074

FILE

GIROUX SPEEED & MARINE
449 W. ATTEN RD.
IMPERIAL, CA. 92251
PHONE (760) 337-2681

JANUARY 4, 1999

1 pg.

<u>POSITION</u>	<u>DESCRIPTION</u>	<u>CODE(s)</u>
1		1G9
2	WMI	
3		
4	FRAME TYPE	A=SQ. TUBE C=CHANNEL IRON
5	TRAILER TYPE	B=BOAT C=CAR U=UTILITY
6	LENGTH OF TRAILER	08=8 FEET
7	IN FEET	TRAILER 12=12 FEET TRAILER
8	NUMBER OF AXLES	1=ONE AXLE 2=TWO AXLE 3=THREE AXLE
9	CHECK DIGIT	FORMULA
10	YEAR	X=1999
11	PLANT LOCATION	H =IMPERIAL
12		
13	WMI	248
14		
15		
16	PRODUCTION SEQUENCE	001-500
17		



Kawasaki Motors Corp., U.S.A.

FILE

Ys

December 23, 1998

K98-58SP

01-22-N11B-7075

Administrator
National Highway Traffic Safety Administration
400 Seventh Street, SW.
Washington, DC 20590

Attention: VIN Coordinator

5 pp

Subject: 1999 Model Year Motorcycle VIN Information

RECEIVED
99 JAN 1 PM 2:15
DEFECTIVE PRODUCT DIVISION

Dear Sir / Madam:

In accordance with the requirements of 49 CFR 565.7, Kawasaki herein submits the following information as currently available for the 1999 model year:

Model	ZR750-F1
Model Year	1999
VIN	JKAZRDF1()XA
Number of Cylinders	4
Description	Street
Maximum Power (HP)	76
Production Start	March 01, 1999

Please also find enclosed Kawasaki's VIN coding description.

Sincerely,

KAWASAKI MOTORS

Scott Patten
Government Relations Coordinator

001

P.O. Box 25252
Santa Ana, California
92799-5252

949/770-0400
Fax 949/460-5602

9950 Jeronimo Road
Irvine, California
92618-2084

2/20

KAWASAKI VIN CODING DESCRIPTION

Characters

Description

1,2,3

Manufacturer: Kawasaki Heavy Industries Ltd., Kawasaki Motors Manufacturing Corp., U.S.A., and Kawasaki Motors (Philippines) Corp.

JKA or JKB will be used for each model, depending on the nominal engine displacement code in Character 6.

4,5

Model Line Identification Engine Type

ZX:	Super Sports	In-line 4 cylinder, water cooled, 4 cycle
ZR:	European Sports	In-line 4 cylinder, air cooled, 4 cycle
ZN:	Easy Riding	In-line 6 cylinder, water cooled, 4 cycle
ZG:	Touring	In-line 4 cylinder, water cooled, 4 cycle
ZL:	American Sports	In-line 4 cylinder, water cooled 4 cycle
VN:	Easy Riding	Vee 2 cylinder, water cooled, 4 cycle
EX:	Super Sports	In-line 2 cylinder, water cooled, 4 cycle
EN:	Easy Riding	In-line 2 cylinder, water cooled, 4 cycle
KZ:	Police, E. Riding	In-line 4 cylinder, air cooled, 4 cycle
KL:	Dual Purpose	Single cylinder, water cooled, 4 cycle
KE:	Dual Purpose	Single cylinder, air cooled, 2 cycle

KAWASAKI VIN CODING DESCRIPTION

Characters Description

6 Nominal engine displacement

Within "JKA": digits 1,2,3

Within "JKB": digits 1,2,3

<u>Code</u>	<u>Nominal Displacement</u>
A	1300 cc
B	1100
C	1000
D	750
E	650
F	550
G	450
H	440
J	420
K	400
L	305
M	250
N	200
P	175
R	125
S	110
T	100
V	500
W	80
X	60
Y	50
1	580
2	900
3	150
4	600
5	160
6	700
7	185
8	300
9	1200

<u>Code</u>	<u>Nominal Displacement</u>
A	1500 cc
B	220
C	800
D	Reserved
E	Reserved
F	Reserved
G	Reserved
H	Reserved
J	Reserved
K	Reserved
L	Reserved
M	Reserved
N	Reserved
P	Reserved
R	Reserved
S	Reserved
T	Reserved
V	Reserved
W	Reserved
X	Reserved
Y	Reserved
1	Reserved
2	Reserved
3	Reserved
4	Reserved
5	Reserved
6	Reserved
7	Reserved
8	Reserved
9	Reserved

KAWASAKI VIN CODING DESCRIPTION

<u>Characters</u>	<u>Description</u>																									
7	<p>Model variation and engine characteristics</p> <p>This code is used to indicate styling or feature differences between models or similar specifications as represented by characters 4,5, and 6 (model line, basic engine type, and nominal engine displacement).</p>																									
8	<p>Net brake horsepower</p> <p>Each model will use the number "1" to indicate the net brake engine horsepower. Any changes in this specification exceeding 10% without requiring changes to any other character of the VIN will be coded "2".</p>																									
9	<p>Check digit</p> <p>The check digit will be calculated in accordance with the requirements of 49 CFR 565.4 (c).</p>																									
10	<p>Model Year</p> <p>The model year will be designated in accordance with 49 CFR 565.4 (d).</p> <table border="0" style="margin-left: 40px;"> <tr> <td>A-1980</td> <td>F-1985</td> <td>L-1990</td> <td>S-1995</td> <td>Y-2000</td> </tr> <tr> <td>B-1981</td> <td>G-1986</td> <td>M-1991</td> <td>T-1996</td> <td>1-2001</td> </tr> <tr> <td>C-1982</td> <td>H-1987</td> <td>N-1992</td> <td>V-1997</td> <td></td> </tr> <tr> <td>D-1983</td> <td>J-1988</td> <td>P-1993</td> <td>W-1998</td> <td></td> </tr> <tr> <td>E-1984</td> <td>K-1989</td> <td>R-1994</td> <td>X-1999</td> <td></td> </tr> </table>	A-1980	F-1985	L-1990	S-1995	Y-2000	B-1981	G-1986	M-1991	T-1996	1-2001	C-1982	H-1987	N-1992	V-1997		D-1983	J-1988	P-1993	W-1998		E-1984	K-1989	R-1994	X-1999	
A-1980	F-1985	L-1990	S-1995	Y-2000																						
B-1981	G-1986	M-1991	T-1996	1-2001																						
C-1982	H-1987	N-1992	V-1997																							
D-1983	J-1988	P-1993	W-1998																							
E-1984	K-1989	R-1994	X-1999																							

KAWASAKI VIN CODING DESCRIPTION

Characters

Description

11

Plant of manufacture

Kawasaki motorcycles are manufactured in three locations and are coded as follows:

- A: Kawasaki Heavy Industries at Akashi, Japan
- B: Kawasaki Motors Manufacturing Corp., U.S.A.
- C: Kawasaki Motors (Philippines) Corporation

12-17

Production Sequence

These numbers will be assigned sequentially within a model, as defined by characters 4,5,6,7,8,10, and 11. Not all models will begin with 000001.

01-22-N11B-7076



Gray Wing Sales, Inc.



The Best Deals on Quality Trailers, Hitches, and Accessories

Sales Lot: 15362 West Highway "W" Phillipsburg, MO 65722 At Exit 118, I-44

Trailer Manufacturing Facility: Rt 1 Box 3410, Long Lane, MO 65590

email: ccyv@llion.org Telephone Message: 417-589-6025 Pager: 800-610-0882

(Expect to leave a message, since the person frequently on duty is deaf and cannot use a telephone.)

FILE

10 December 1998

Administrator
National Highway Traffic Safety Administration
400 Seventh St, SW, NSA-32
Washington, DC 20590

2pp

Attn: VIN Coordinator, Oris Younger

Dear Mr Younger:

In accordance with '565.7(c) of CFR Part 565, *Vehicle Identification Number*, **Gray Wing Sales, Inc.**, hereby submits Vehicle Identification Number (VIN) decoding information.

VIN POSITION:

DESCRIPTION:

CODES:

1, 2, & 3

Assigned by SAE

1G9

4

Trailer Type

U= Utility, Bumper Pull

V= Utility, Gooseneck

F= Flatbed, Bumper Pull

G= Flatbed, Gooseneck

S= Stock Trailer, Bumper Pull

T= Stock Trailer, Gooseneck

C= Cargo, Bumper Pull

D= Cargo, Gooseneck

5	Body Type	S= Standard P= Special V= Van Body B= Boat
6 & 7	Trailer Length in Feet	12= 12 Ft Long 08= 08 Ft Long
8	Number of Axles	1= 1 Axle 2= 2 Axles 3= 3 Axles
9	Check Digit	Calculated per 49 CFR 565.4
10	Model Year	X= 1999 Y= 2000
11	Plant Location	L= Long Lane, MO
12, 13, & 14	Assigned by SAE	247
15, 16, & 17	Sequential Production No.	001 thru 499

Sincerely,


 Arthur R Cyr
 V.P., Gray Wing Sales, Inc.

Encl: Sample VIN worksheet

As a retired Federal "Bureaucrat", I apologize for not exactly following the dictate of 49 CFR Part 551.31, *Form of communications*, which says in part (on web site):
 "The left margin of communications shall be at least 12 inches wide,..." <G>

01-22-N11B-7071

WILCO
MACHINE & FAB INC.

P.O. BOX 48
1402 South Broadway

MARLOW, OKLAHOMA 73055
405-658-6993

FILE VIN # SYSTEM

POSITIONS 1-3 1 W 9 (ISSUED BY SAE)

POSITION 4

TYPE:

- A - CODE TANK TRAILER
- F - FLATBED TRAILER
- T - NON-CODE TANK TRAILER
- U - UTILITY TRAILER

1 pg.

POSITION 5

SERIES/BODY TYPE

- B - DRY BULK
- C - CUSTOM
- N - NON-SPECIFICATION
- S - SPECIFICATION

POSITIONS 6-7

OVERALL LENGTH INDICATED IN FEET
(INDICATED BY NUMERALS 0-9)

POSITION 8

NUMBER OF AXLES
(INDICATED BY NUMERALS 0-9)

POSITION 9

CHECK DIGIT (USE CHECK DIGIT WORKSHEET)

POSITION 10

MODEL YEAR

(AS PER TABLE VI, 49CFR 565.4(D) (1) :

T - 1996	1 - 2001	8 - 2008
V - 1997	2 - 2002	9 - 2009
W - 1998	3 - 2003	A - 2010
X - 1999	4 - 2004	B - 2011
Y - 2000	5 - 2005	C - 2012
	6 - 2006	D - 2013
	7 - 2007	

POSITION 11

PLANT:

M - MARLOW, OKLAHOMA

POSITIONS 12-14

2 5 7 (ISSUED BY SAE)

POSITIONS 15-17

SEQUENTIAL NUMBER ASSIGNED IN PRODUCTION

01-22-N11B-7078

J & S Tralior Sales
29 Morgan Street
Akron, NY 14001
Ph. 716-542-9304
Fax 716-542-9305

FILE

December 22, 1998

PART 565

1 pg.

Position	Description	Codes
1		
2	WMI	1J9
3		
4	FRAME TYPE	C = custom
5	TRALIOR TYPE	U = utility
6	LENGTH OF TRALIOR	
7	IN FEET	08
8	NUMBER OF AXLES	1
9	CHECK DIGIT	222 dvd. By 11=20.18 or 20.2
10	YEAR	X = 1999
11	PLANT LOCATION	A=Akron
12		
13	WMI	220
14		
15		
16	PRODUCTION SEQUENCE	001, 002 etc.
17		

01-22-NIB-7079

FORCE MANUFACTURING, INC.

2230 Broadway
Bangor, ME 04401

Telephone (207) 942-5081 or (800) 532-5081
Fax (207) 990-1685

FILE

ADMINISTRATOR
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
400 SEVENTH STREET SW
WASHINGTON, DC 20590
ATTN: VIN COORDINATOR

Jpp

SUBJECT: VIN DECODING INFORMATION FOR FORCE MANUFACTURING, INC.

IN ACCORDANCE WITH 565.7(c) OF 49 CFR PART 565, VEHICLE IDENTIFICATION NUMBER, FORCE MANUFACTURING, INC. HEREBY SUBMITS VIN DECODING INFORMATION.

VIN POSITION:	DESCRIPTION:	CODES:
1,2,&3	WMI	5A2
4	TRAILER TYPE	A= ALUMINUM FRAME B= BOXED (STEEL SIDES) C= CAR HAULER D= HYDRAULIC DUMP E= ENCLOSED F= FLAT TILT G= RAMPGATE H= SKIDSTEER J= VENDING L= LANDSCAPE N= GOOSENECK O= CANOE R= RAILSIDE TILT S= SNOWMOBILE V= DOUBLE SIDE RAMPGATE Z= SINGLE AXLE WITH BRAKES 4,6,8= 4TON,6TON,8TON

5	BODY TYPE	4,5,6,7,8 = 4,5,6,7,8 FOOT WIDE B= BOXED (STEEL SIDES) E= ENCLOSED F= FULL DECK K= DECKOVER O= OPEN CENTER S= SNOWMOBILE T= CANOE V= V-NOSED W= 102" WIDE
6&7	LENGTH OF TRAILER	06= 6 FEET LONG 08= 8 FEET LONG 09= 9 FEET LONG 10= 10 FEET LONG 12= 12 FEET LONG 14= 14 FEET LONG 16= 16 FEET LONG 18= 18 FEET LONG 20= 20 FEET LONG 22= 22 FEET LONG 24= 24 FEET LONG 26= 26 FEET LONG 28= 28 FEET LONG 30= 30 FEET LONG 32= 32 FEET LONG
8	NUMBER OF AXLES	1= 1 AXLE 2= 2 AXLES 3= 3 AXLES
9	CHECK DIGIT	CALCULATED
10	MODEL YEAR	X= 1999
11	PLANT LOCATION	B= BANGOR
12-17	SEQUENTIAL PRODUCTION NO.	000001 000002

01-22-N11B-7080

FILE

Happy Campers RV Specialists, Inc.
PO Box 7394
Duluth, MN 55807

December 1, 1998

Administrator
National Highway Traffic Safety Administration
400 Seventh Street, SW
Washington, DC 20590
Attn: VIN Coordinator

1 pg.

Subject: VIN Decoding Information for Happy Campers RV Specialists, Inc.

In accordance with §565.7(c) of 49 CFR Part 565, *Vehicle Identification Number*, Happy Campers RV Specialists, Inc. hereby submits Vehicle Identification Number (VIN) decoding information.

VIN POSITION:	DESCRIPTION:	CODES:
1,2,& 3	WMI	1H9
4	Trailer Type	S=Ball type pull
5	Body Type	K=Cargo
6&7	Length of Trailer	06=Six Feet 12=Twelve Feet
8	Number of Axles	1=1 axle
9	Check digit	Calculate-See 49 CFR 565.4
10	Model Year	W=1998 X=1999
11	Plant Location	D=Duluth
12,13, & 14	WMI	3,4,0
15,16,17	Sequential Production Number	001 002

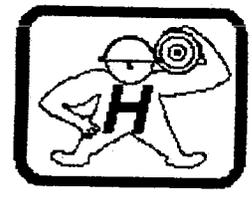
01-22-N11B-7081



PRECISION HUSKY

C O R P O R A T I O N

P.O. DRAWER 507 * LEEDS, AL 35094-0507
PLANT: 850 MARKEETA SPUR RD, MOODY, AL
PH: 205/640-5181 FAX: 205/640-1147



FILE

December 23, 1998

Administrator
National Highway Traffic Safety Administration
400 Seventh Street, SW NSA-32
Washington, DC 20590
Attn: VIN Coordinator

2 pgs

In accordance with '565.7© of 49 CFR Part 565, Vehicle Identification Number, Precision Husky Corporation hereby submits Vehicle Identification Number (VIN) decoding information.

Position	Description	Code(s)
1,2 & 3	WMI	1P9
4	TRAILER TYPE	C = CHIPPER D = DEBARKER H = HORIZONTAL GRINDER T = TUB GRINDER
5	TRAILER MODEL	See attached page #2
6 & 7	LENGTH OF TRAILER IN FEET	40
8	NUMBER OF AXLES	2
9	CHECK DIGIT	Calculate - SEE 49 CFR 565.4
10	YEAR	W
11	PLANT LOCATION	M = MOODY, AL.
12,13 & 14	WMI	376
15,16 & 17	SEQUENTIAL PRODUCTION NUMBER	100

THE FOLLOWING TABLES ARE FOR USE IN COMPLETING THE VEHICLE IDENTIFICATION NUMBER POSITION #5 MODEL.

CODING FOR "C" CHIPPER

**A = PRECISION WHOLE TREE CHIPPER MODEL 1858
B = PRECISION WHOLE TREE CHIPPER MODEL 2366
C = PRECISION WHOLE TREE CHIPPER MODEL 2675
D = PRECISION WHOLE TREE CHIPPER MODEL 3084**

CODING FOR "D" DEBARKER

**E = PRECISION DCL-2452 WHOLE TREE DEBARKER, CHIPPER, LOADER
F = PRECISION FD-2300 FLAIL DEBARKER**

CODING FOR "T" TUB GRINDER

**G = PG900
H = PG900 W/CONVEYOR
J = PG1000
K = PG2000 STD.
L = PG2000 W/ GRAPPLE LOADER
M = PG4000 STD.
N = PG4000 W/ GRAPPLE LOADER
P = PG5100 STD.
R = PG5100 W/ GRAPPLE LOADER**

MILLER INDUSTRIES, INC.

NEA

FILE

8503 Hilltop Drive
P.O. Box 120
Ooltewah, Tennessee 37363
(423) 238-4171

December 28, 1998

01-22-N11B-7082

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

1 pg.

20:47

Dear Sirs:

In compliance with 49 CFR part 565.5 describing all codes contained in our V.I.N. numbering system, Miller Industries, 8503 Hilltop Drive, Ooltewah, Tennessee 37363-0120, is submitting the following 17 digit number.

- | | | |
|-----|---|------------------------|
| 1. | 1 | |
| 2. | M | World Mfg. I.D. Number |
| 3. | 9 | |
| 4. | C | Car Carrier Trailer |
| 5. | S | Standard |
| 6. | F | FT |
| 7. | C | 53 Long |
| 8. | 2 | 2 Axle |
| 9. | 2 | Check Digit |
| 10. | W | Year 1998 |
| 11. | T | Tennessee Plant |
| 12. | 4 | |
| 13. | 8 | World Mfg. I.D. Number |
| 14. | 6 | Under 500 Units |
| 15. | 0 | |
| 16. | 0 | Production Sequence |
| 17. | 1 | |

EXECUTIVE SECRETARIAT
1999 JAN -8 PM 12:02
NATIONAL HIGHWAY
TRAFFIC SAFETY ADMIN.

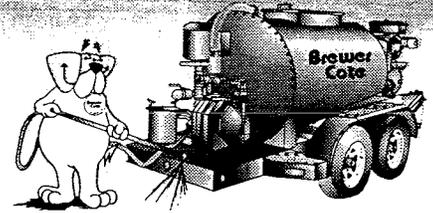
BES&T, Inc.

Bituminous Equipment Specialists & Technology, Inc.

A Brewer Cote Licensee

01-22-N11B-7083

DECEMBER 31, 1998



NATIONAL HWY. TRAFFIC SAFETY ADMIN.
400 SEVENTH STREET, SW
WASHINGTON, DC 20590
ATT: VIN COORDINATOR

FILE

1 pg.

SUBJECT: VIN DECODING INFORMATION FOR BES & T, INC.

IN ACCORDANCE WITH 565.7c of 49 CFR PART 565, VEHICLE IDENTIFICATION NUMBER, BES & T, INC. HEREBY SUBMITS VEHICLE IDENTIFICATION NUMBER (VIN) DECODING INFORMATION.

VIN POSITION:	DESCRIPTION	CODES:
1, 2, & 3	WMI	1B9
4	TRAILER TYPE	U= UTILITY
5	BODY TYPE	B= BUMPER / PULL
6 & 7	LENGTH OF TRAILER	20= 20 FEET LONG
8	NUMBER OF AXLES	2= 2 AXLES
9	CHECK DIGIT	7
10	MODEL YEAR	W= 1998
11	PLANT LOCATION	A= PHOENIX, AZ.
12, 13, & 14	WMI	519
15, 16, & 17	SEQUENTIAL PRODUCTION NUMBER	001

VIN # 1B9UB2027WA519001

01-22-N11B-7084

49 CFR Part 565 Information Submitted on behalf of Heartland Motorcycle Company, f/d/b/a Heartland Motorcycle, Inc. (amended 12/21/98):

Heartland Motorcycle Company
5212 South 133rd Court
Omaha, NE 68137
(402) 891-9821 (Phone)
(402) 891-8079 (Fax)

FILE 1 pg.

Example VIN:1H9SB0112X1315001

POSITION	DESCRIPTION	VARIABLES
1-3	Manufacturer Code	1H9
4	Motorcycle Type	C = Custom S = Street B = Bagger L = Lite R = Rubber Mount
5	Line	S = Swingarm 01 = 80 Cu. In. 02 = 88 Cu. In. 03 = 96 Cu. In. 04 = 98 Cu. In. 05 = 103 Cu. In. 06 = 107 Cu. In. 07 = 74 Cu. In.
6-7	Engine Type	1 = 52 hp. 2 = 85 hp. 3 = 96 hp. 4 = 98 hp. 5 = 103 hp. 6 = 107 hp. 7 = 50 hp.
8	Net Brake Horsepower	0 - 9, or X X = 1999; Y = 2000
9	Check Digit	1 = Omaha NE
10	Model/Year	315
11	Factory Code	001- 499
12-14	World Manufacture Ident.	
15-17	Sequential Production No.	

01-22-N11B-7085

Xtra Mile Trailers, Inc.

Superior Aluminum Products

P.O. Box 5 Gold Beach OR 97444 Phone (541) 247-6762 Fax (541) 247-3462

December 15, 1998

FILE

Administrator
National Highway Traffic Safety Administration
400 Seventh Street, SW
Washington, DC 20590
Attn: VIN Coordinator

Jpp

Subject: VIN Decoding Information for Xtra Mile Trailers, Inc.

In accordance with §565.7(c) of 49 CFR Part 565, *Vehicle Identification Number, Xtra Mile Trailers, Inc* hereby submits Vehicle Identification Number (VIN) decoding information.

VIN POSITION:	DESCRIPTION:	CODES:
1,2 & 3	WMI	IX9
4	Trailer Type	B=Ball Type Pull G=Gooseneck/Fifth wheel P=Pin Type Pull
5	Body Type	B=Boat C=Car S=Snowmobile U=Utility P=Personal Watercraft E=Equipment A=All-Terrain Vehicle M=Motorcycle
6,7	Length of Trailer (all lengths rounded to nearest foot)	12'4" = 12 Ft 16'8" = 17 Ft
8	Number of Axles	1 = 1 axle 2 = 2 axles 3 = 3 axles

001

9	Check Digit	Calculate See 49 CFR 565.4
10	Model Year	X = 1999 Y = 2000
11	Plant Location	G=Gold Beach, Oregon
12, 13 & 14	WMI	006
15, 16, & 17	Sequential Production Number	001 002 003 etc.

Signed:  12-17-98
 Bill Boice Date

President
 Capacity of Signatory



GENERAL MOTORS NORTH AMERICA
Safety Center

FILE

01-22-11B-7086

January 26, 1999
USG 3463

Office of the Administrator
National Highway Traffic Safety Administration
400 Seventh Street, SW
Washington, DC 20590
Attention: Mr. George Entwistle, VIN Coordinator

Subject: General Motors Vehicle Identification
Number decoding for 2000 Model Year

42 pag

Dear Mr. Entwistle:

Attached is the General Motors Vehicle Identification Numbering (VIN) Standard for 2000 model year vehicles. This information is submitted per the VIN reporting requirements of 49 CFR Part 565.7.

If you have any questions, please contact Thomas Braun of our Warren, Michigan office at (810) 947-1913.

Sincerely,

Peter A. Jerabek, Manager
Safety Affairs & Regulations

Attachments

cc: Docket 01-22-11B (10 copies)

001





Corporate Information Standards

GENERAL MOTORS CORPORATION

VEHICLE IDENTIFICATION NUMBERING STANDARD

FOR 2000 MODEL YEAR VEHICLES

IN COMPLIANCE WITH

FEDERAL MOTOR VEHICLE SAFETY STANDARD (FMVSS) 115

and

FEDERAL MOTOR VEHICLE SAFETY REGULATION 565

Issued - February, 1998

002



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

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003



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

GENERAL DESCRIPTION

Purpose

The purpose of this standard is to define the uniform composition of vehicle identification numbers applied to GM vehicles marketed in the United States, U.S. Territories and Canada. This GM Standard has been promulgated in compliance with U.S. Federal Motor Vehicles Safety Standard 115 (MVSS 115) and Federal Motor Vehicle Safety Regulation Part 565 (FMVSR 565) administered by the National Highway Traffic Safety Administration (NHTSA). This GM standard has also been promulgated in compliance with Canada Motor Vehicle Safety Standard 115 (CMVSS 115) administered by Transport Canada.

Certain vehicles manufactured by GM for titling and registration elsewhere in the world may have other requirements with which they must comply, thus precluding the use of this VIN Standard. However, the VIN described herein does comply with the vehicle identification numbering standard of the International Standards Organization (ISO), and should be acceptable in many countries around the world.

Maintenance & Operating Responsibilities

Responsibility for updating of the coding tables contained herein has been established, and is shown on each table. As soon as new information or revisions to existing tables become known, the updated tables of codes for the coming model year(s) should be submitted by the authorized activity to Corporate Information Standards (CISCO), 3310 W. Big Beaver Rd., Suite 300, Troy, MI 48084. CIS has responsibility for publication and dissemination of these updated hardcopy model year tables of VIN data throughout General Motors. A copy of the updating materials should be sent to Safety Affairs and Regulation (SAR), NAO Safety and Restraint Center, which has responsibility for review and approval of the coding specified; this is done on behalf of the GM Vehicle Identification Numbering Technical Committee, General Assembly Council, which in turn has responsibility for design of GM VIN's.

In compliance with MVSS 115, ASE has the responsibility for submitting these tables of VIN data, and any revisions thereto, to the Federal Government at least 60 days prior to the use of that data in the assignment of VIN's to GM vehicles, but excluding pre-production vehicles not offered for sale.

Currently, abstracts of these tables of VIN data are distributed by Consumer Relations & Service Staff, Sales & Marketing Staff, Service Technology group and other GM activities. Copies of pages from this Standard should not be released to any person or agency outside General Motors. Abstracts of the data should be separately prepared when such a legitimate need-to-know request is made. In certain exceptional situations, updated copies of the Standard may be issued to an outsider only after a signed non-disclosure agreement has been negotiated with Corporate Information Standards.

00 004



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

GENERAL DESCRIPTION

Requests for any changes or refinements to the information content (not coding) of these Standards should be directed to Corporate Information Standards. The revision request must provide an appropriate explanation for the requested change. CIS will review revision requests and take whatever action is deemed necessary before issuing revised pages to the Standards. At minimum, all proposed changes will be reviewed with the GM VIN Technical Committee, and coordinated through CISCO Coordinators of involved Divisions and Central Office Staffs. Upon approval of proposed revisions by involved Divisions and Staffs, revisions to the Standards will be incorporated into the text of revised pages distributed through current CISCO Coordinators of GM Divisions and Staffs.

The Engine VIN Codes for passenger cars and light-duty (LD) trucks that are published in this standard, are also updated in the Production Order Management Systems (POMS) and the Integrated Scheduling Project (ISP) by the platform/product team Production Control and Scheduling personnel.

CISCO Coordinators of GM units will be responsible for distribution of this Standard to persons or activities of their Unit who are affected by or have a need for this information.



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

ORGANIZATION AND DESCRIPTION OF TABLES

The code* definitions contained in the tables of interpretive data that follow provide for translation of the characters comprising any GM VIN, while at the same time they provide the information needed to compose the correct VIN for a GM vehicle. The tables of interpretive data are organized in Sections, and are described as follows:

- * Only Arabic numerals and English alphabetic capital letters are permitted in GM VIN's. However, I, O (oh), and Q, and special characters are not allowed as stated in FMVSR 565.

SECTION A - General Information

Contains information common to the GM VIN's for all GM vehicles merchandised or manufactured in U.S. or Canada regardless of the make or type of vehicle and consists of the following tables:

Table A1 - GM Make Identifiers

Make identifiers are assigned to GM by SAE (formerly the Society of Automotive Engineers) to indicate the country of origin, the make of the vehicle, and the type of vehicle.

Toyota (NUMI), Suzuki (CAMI), SPARTAN MOTORS and ISUZU is providing NHTSA with the VIN Coding in compliance with 49CFR part 565 on an annual basis. VIN information contained in these standards on vehicles built by above manufacturers, is for reference purpose only.

Table A2 - Model Year Codes

The code assigned is in accord with FMVSR 565 to identify the designated model year of the vehicle. This coding corresponds to the year coding assigned in International Organization Standards (ISO), standard 3779. "Model year" designates a discrete vehicle model irrespective of the calendar year in which the vehicle was actually produced, so long as the period is less than two calendar years.

The EPA 40 CFR (Code of Federal Regulations) Part 85 requires that "A specific model year must always include January 1 of the calendar year for which it is designated and may not include a January 1 of any other calendar year". Thus, the maximum duration of model year is one calendar year plus 364 days.

Table A3 - Check Digit

Describes the check digit calculation procedure as defined in FMVSR 565.

000000



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

ORGANIZATION AND DESCRIPTION OF TABLES

Table A4 - GM Plant Codes

The table will contain assembly plant codes for all plants anywhere which assemble vehicles to be sold by GM in the U.S. or Canada.

SECTION B - Passenger Vehicles

This Section contains the interpretive data used in a passenger vehicle VIN.

Table B1 - Passenger Vehicle VIN Format

This illustrates the alphanumeric attributes of each position, and references subsequent tables for decoding data fields other than those defined in Section A.

Table B2 - Carline and Series Codes

This table lists the carline and series codes and merchandised name for each passenger vehicle carline by division. Carline and series codes must be alphabetic only; and besides I, O, and Q, the letter A may not be assigned as a series code. Passenger car divisions and GM of Canada are responsible for maintaining the code and names assignments. B2 tables are included for the following:

B2a Chevrolet	B2d Buick	B2g Saturn
B2b Pontiac	B2e Cadillac	B2h Electric Vehicle
B2c Oldsmobile	B2f GM of Canada	

Table B3 - Body Style and Restraint Systems

The body types and restraint systems are individually represented by a single numeric code. Table B3 is a list of single character body style codes that are assigned to the numeric two-position body style, which describe the physical attributes of the vehicle with respect to number of doors, roof line, and passenger capacity. Table B3b lists the codes assigned to identify the type of restraint system. The types of the restraint systems are obtained from the NAO Safety and Restraint Center.

Table B4 - Engine Codes

Passenger car engines are coded in this table. The VIN code must designate the engine description in respect to liters displacement, cylinder arrangement, fuel type if other than gasoline, the number of carburetor barrels or other fuel induction system, engine designer, and any other unique attributes.

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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

ORGANIZATION AND DESCRIPTION OF TABLES

All car platform Powertrain Engine coordinators are responsible for providing the engine usage for this table to CIS. CIS prepares a consolidated list of uniform GM engine codes by model year by extracting engine information from divisional Vehicle Description Summaries. Engine line-ups are verified by periodically distributing the preliminary engine code lists to car group/platform engine coordinators. Only one table is given here, and it includes GM of Canada usage.

SECTION C - Multipurpose Passenger Vehicles (MPV's), Light Duty Trucks, and Incomplete Vehicles

This Section contains the interpretive data used in multipurpose, light duty truck and incomplete vehicle VIN's.

Table C1 - MPV, Light Duty Truck & Incomplete Vehicle VIN Format

This displays the coding structure and VIN layout for this group of vehicles. It further references the subsequent tables necessary to decode the VIN, except for those tables defined in Section A.

Table C2 - GVWR/Brake Systems

This table of alpha codes defines the NHTSA codes for gross vehicle weight rating (GVWR) range, together with the brake system installed.

Table C3 - Line and Chassis Types

The alpha codes described in this table are referred to as truck line, and the line/cab and chassis type are described.

Table C4 - Series

The numeric series codes for this group of vehicles are defined in this table in terms of a nominal load capability.

Table C5 - Body Type

This table of numeric codes specifies the body type for this group of vehicles.

Tables C6a & C6b - Engine Codes

The truck platform engine coordinators are responsible for providing engine usage for table C6b. The incomplete vehicle car platforms are to provide the engines for Table C6a. The codes designate the engine description in respect to liters displacement, cylinder arrangement, fuel type if other than gasoline, the number of carburetor barrels or other fuel induction system, engine designer, and any other unique attributes.



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

ORGANIZATION AND DESCRIPTION OF TABLES

SECTION D - Medium Trucks & Incomplete Vehicles

Contains the tables of coded information used in the VIN for this group of vehicles.

Table D1 - Truck VIN format

Displays the coding structure and VIN layout for this group of vehicles. It further references the subsequent tables necessary to decode the VIN except for those tables in Section A.

Table D2 - GVWR/Brake Systems

Codes designate gross vehicle weight rating together with the vehicle brake system.

Table D3 - Series

This table of numeric codes identifies truck series designations.

Table D4 - Truck Line and Cab Type

Codes specify truck line and cab descriptions.

Table D5 - Chassis

Codes designate number of axles and number of driving axles.

Table D6 - Engine Codes

The truck platform engine coordinators are to provide the engine usage for this table. Engine codes listed in this table specify engine type, manufacturer, and fuel used. Number of cylinders and displacement in cubic inches and liters are also given.

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Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

A. General Information

TABLE A1: World Make Identifiers (VIN positions 1, 2 and 3)
MAKE IDENTIFIER

<u>U.S.</u>	<u>CANADA</u>	<u>MEXICO</u>	<u>OTHER</u>	<u>MAKE</u>	<u>MANUFACTURER</u> <u>(other than GM)</u>
Type: <u>Passenger Cars</u>					
1G1	2G1	3G1	---	CHEVROLET	
1G2	2G2	3G2	---	PONTIAC	
1G3	2G3	---	---	OLDSMOBILE	
1G4	2G4	3G4	---	BUICK	
1G6	---	---	W06	CADILLAC	OPEL
1G7	---	---	---	GM OF CANADA	
1Y1	---	---	---	CHEVROLET	NUMMI
---	2C1	---	---	CHEVROLET	CAMI-GM OF CANADA/SUZUKI J.V.
---	2C2	---	---	PONTIAC	CAMI-GM OF CANADA/SUZUKI J.V.
---	2C7	---	---	GM OF CANADA	CAMI-GM OF CANADA/SUZUKI J.V.
1G8	---	---	---	SATURN	
4G1	---	---	---	CHEVROLET GENASYS L.C. (GM/ASC J.V.)	
4G2	---	---	---	PONTIAC GENASYS L.C. (GM/ASC J.V.)	
4G3	---	---	---	TOYOTA	
4G5	---	---	---	ELECTRIC VEHICLE	
Type: <u>Trucks</u>					
1GC	2GC	3GC	---	CHEVROLET	
---	---	3GM	---	HOLDENS	
1GT	2GT	3GT	---	GMC	
---	---	---	---	GMC	
1GG	---	---	---	ISUZU	
Type: <u>MPV</u>					
1GN	---	3GN	---	CHEVROLET	
4GD	---	---	---	OPEL, VAUXHALL or HOLDEN	
1GK	---	3GK	---	GMC	
1GM	---	---	---	PONTIAC	
---	2CN	---	---	CHEVROLET	CAMI-GM OF CANADA/SUZUKI J.V.
1GH	---	---	---	OLDSMOBILE	
1GY	---	---	---	CADILLAC	



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

A. General Information

TABLE A1: World Make Identifiers (VIN positions 1, 2 and 3)

<u>MAKE IDENTIFIER</u>					<u>MANUFACTURER</u>
<u>U.S.</u>	<u>CANADA</u>	<u>MEXICO</u>	<u>OTHER</u>	<u>MAKE</u>	<u>(other than GM)</u>
<u>Type: Incomplete Vehicles</u>					
1GB	2GB	3GB	J8B	CHEVROLET	ISUZU
1GD	2GD	3GD	J8D	GMC	ISUZU
1GE	---	---	---	CADILLAC	
4GL	---	---	---	BUICK	
---	---	---	1S9	CHEVROLET	SPARTAN MOTORS
4GT	---	---	---	ISUZU	
<u>Type: Bus</u>					
1GA\$	---	---	---	CHEVROLET	
1GJ\$	---	---	---	GMC	

\$ Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with seating which will exceed ten (10) passengers.

011

RESPONSIBILITY: NAO Engineering Center Operations - ERM, GM VIN Subcommittee
 AUTHORIZED BY: GM VIN Subcommittee Chairman



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

A. General Information

TABLE A2: Check Digit Procedure (VIN position 9)

A check digit shall be provided as part of each vehicle identification number. The check digit shall occupy the ninth position in the vehicle identification number and appear as part of the number on the vehicle and on any documents containing the vehicle identification number.

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 below.

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	

- (2) Multiply the assigned value for each position in the vehicle identification number by the weight factor specified in the following 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 11.

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Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

A. General Information

TABLE A2: Check Digit Procedure (VIN position 9)

(4) The remainder is the check digit which will be inserted in the ninth position. If the remainder is 0-9, the check digit is that numeric value; if the remainder is 10, the check digit is X.

EXAMPLE:

VIN POSITION	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>
VEHICLE IDENTIFICATION NUMBER																	
EXAMPLE	1	G	1	A	Z	3	7	A	Ø	B	D	4	2	3	4	5	6
ASSIGNED VALUE	1	7	1	1	9	3	7	1	Ø	2	4	4	2	3	4	5	6
MULTIPLY BY WEIGHT FACTOR	x	x	x	x	x	x	x	x	Ø	x	x	x	x	x	x	x	x
	8	7	6	5	4	3	2	10	Ø	9	8	7	6	5	4	3	2

ADD PRODUCTS $8+49 +6 +5+36 +9+14+10 \text{ Ø} +18+32+28+12+15+16+15+12 = 285$

DIVIDE BY 11 $285/11 = 25 + 10/11, \text{ remainder} = 10$

Therefore CHECK DIGIT is: X (It will appear as the character in the 9th position of the VIN)

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RESPONSIBILITY: GM VIN Subcommittee
 AUTHORIZED BY : GM VIN Subcommittee Chairman



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

A. General Information

TABLE A3: Model Year Codes (VIN Position 10)

<u>CODE</u>	<u>YEAR</u>
A	1980
B	1981
C	1982
D	1983
E	1984
F	1985
G	1986
H	1987
J	1988
K	1989
L	1990
M	1991
N	1992
P	1993
R	1994
S	1995
T	1996
V	1997
W	1998
X	1999
Y	2000
1	2001
2	2002
3	2003
4	2004
5	2005
6	2006
7	2007
8	2008
9	2009
A	2010
B	2011
etc.	

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Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

A. General Information

TABLE A4: GM Plant Codes (VIN position 11)

<u>CODE</u>	<u>PLANT NAME</u>	<u>STATE</u>	<u>OPERATING UNIT</u>
-------------	-------------------	--------------	-----------------------

I. When VIN position 2 is "G" (General Motors), and position 3 is NUMERIC (PASSENGER CAR):

NOTE: See III for other manufacturers.

When VIN position 1 is "1" or "4" (U.S.A.):

B	LANSING	MI	NA-LAD (GENASYS L.C.-GM/ASC J.V.)
C	LANSING	MI	NA-LAD
F	FAIRFAX II	KS	NA-MCD
H	FLINT	MI	NA-CLCD
M	LANSING	MI	NA-LAD
U	HAMTRAMCK	MI	NA-CLCD
Y	WILMINGTON	DE	NA-LAD
Z	SPRING HILL	TN	SATURN
Ø	LANSING	MI	LANSING CRAFT CENTRE
4	ORION	MI	NA-CLCD
5	BOWLING GREEN	KY	NA-MCD
6	OKLAHOMA CITY	OK	NA-MCD
7	LORDSTOWN	OH	NA-LAD
X	NON PRODUCTION/ NON-SALEABLE BUILD		NA-GM CORP.

When VIN position 1 is "2" (Canada):

1	OSHAWA #2	ON	NA-MCD
2	STE. THERESE	PQ	NA-MCD
6	INGERSOLL	ON	NA-CANADA (GM/SUZUKI J.V.)
9	OSHAWA #1	ON	NA-MCD

When VIN position 1 is "3" (Mexico):

S	RAMOS ARIZPE	MEX	NA-LAD
---	--------------	-----	--------

NA-LAD - North American Lansing Automotive Division
 NA-MCD - North American Midsize Car Division
 NA-CLCD - North American Cadillac/Luxury Car Engineering & Manufacturing Division

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RESPONSIBILITY: Vehicle Platforms and NAO Engineering Center Operations - ERM
 AUTHORIZED BY: Corporate Information Standards



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

A. General Information

TABLE A4: GM Plant Codes (VIN position 11)

<u>CODE</u>	<u>PLANT NAME</u>	<u>STATE</u>	<u>OPERATING UNIT</u>
-------------	-------------------	--------------	-----------------------

II. When VIN position 2 is "G" (General Motors), and position 3 is ALPHA (TRUCK):

When VIN position 1 is "1" or "4" (U.S.A.):

B	BALTIMORE	MD	GM TRUCK GROUP
D	DORAVILLE	GA	NA-MCD PLATFORM (APV)
E	PONTIAC	MI	GM TRUCK GROUP
F	FLINT	MI	GM TRUCK GROUP
J	JANESVILLE	WI	GM TRUCK GROUP
K	LINDEN	NJ	GM TRUCK GROUP
R	ARLINGTON	TX	GM TRUCK GROUP
T	SHREVEPORT (ELEC. TRK)	LA	GM TRUCK GROUP
X	NON PRODUCTION/ NON-SALEABLE BUILD		NA-GM CORP.
Z	FORT WAYNE	IN	GM TRUCK GROUP
1	WENTZVILLE	MO	GM TRUCK GROUP
2	MORAINÉ	OH	GM TRUCK GROUP
8	SHREVEPORT	LA	GM TRUCK GROUP

When VIN position 1 is "2" (Canada):

1	OSHAWA TRUCK	ON	NA-CANADA - TRUCK
6	INGERSOLL	ON	NA-CANADA (GM/SUZUKI J.V.)

When VIN position 1 is "3" (Mexico):

G	SILAO	MEX	
M	TOLUCA	MEX	(Domestic build only)

III. Other vehicles manufactured for General Motors:

			<u>VIN Pos. 1 & 2 - MANUFACTURER</u>
Z	FREMONT	CA	1Y - NUMMI (GM TOYOTA J.V.)
3	KAWASAKI	JAPAN	J8 - ISUZU MOTORS
7	FUJISAWA	JAPAN	J8 - ISUZU MOTORS
8	TILLSONBURG (INT'L PRODUCT CENTRE OPERATIONS)	ONT.	- Plant code required for computer system processing only.
C	CHARLOTTE	MI	1S - SPARTAN MOTORS
R	RUSSELSHEIM	GERMANY	WØ - OPEL

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RESPONSIBILITY: Vehicle Platforms and NAO Engineering Center Operations - ERM
AUTHORIZED BY: Corporate Information Standards



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

B. Passenger Cars

TABLE B1: VIN Format

For vehicles with Make Identifier Codes:

1G1	1G2	1G3	1G4	1Y1	1G6
2G1	2G2	2G3	2G4		
2C1	2C2			2C7	
3G1	3G2		3G4		
4G1	4G2	4G3		4G5	W06

<u>VIN POSITION</u>	<u>CHARACTER TYPE *</u>	<u>ATTRIBUTE</u>
1-3	BBN	Make Identifier (Table A1)
4,5	AA	Carline and Series (Tables B2)
6	N	Body Type (Table B3a)
7	N	Restraint System (Table B3b)
8	B	Engine Code (Table B4)
9	B	Check Digit (Table A2)
10	B	Model Year (Table A3)
11	B	Plant of Manufacture (Table A4)
12-17	NNNNNN	Sequence Number

* Character Type: A = Alpha Characters
N = Numerics
B = Both alpha and numeric

Typical GM Passenger Car VIN:

1G2NE12T/XC280767

1-3	1G2	U.S. origin GM Pontiac Passenger Vehicle
4,5	NE	GRAND AM SE
6	1	2-Door Coupe (GM Body Style 37)
7	2	Active Belts with Driver/Passenger IRS
8	T	2.4L 4 FI
9	✓	Check digit
# 10	X	Model Year 2000
11	C	Lansing, MI Assembly plant
12	280767	Sequence number

RESPONSIBILITY: GM VIN Subcommittee
AUTHORIZED BY: GM VIN Subcommittee Chairman



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

B. Passenger Cars

TABLE B2a: Carline and Series Codes - CHEVROLET (VIN positions 4 and 5)

For vehicles with Make Identifier Codes: 1G1, 2C1, 2G1, 1Y1, 3G1,
 4G3, 4G1

	<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
	F	P	CAMARO SPORT COUPE & CONVERTIBLE
	J	C	CAVALIER
	J	F	CAVALIER Z24, CAVALIER SEDAN
#	J	G (4G3)	TOYOTA (COUPE & SEDAN)
#	J	H (4G3)	TOYOTA (COUPE & SEDAN)
	M	R (2C1)	METRO
	N	D	MALIBU LX
	N	E	MALIBU LS
	N	L	ALERO (Export Only)
	S	K (1Y1)	PRIZM
#	W	F	IMPALA LS
#	W	H	IMPALA LTZ
	W	L	LUMINA
	W	N	LUMINA LTZ
	W	W	MONTE CARLO LS
	W	X	MONTE CARLO Z34
	Y	Y	CORVETTE

018

RESPONSIBILITY: Chevrolet Div., North American Export Sales (NAES) & Intl Programs
 AUTHORIZED BY: Chevrolet Marketing, NAES Product Planning, International Programs



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

B. Passenger Cars

TABLE B2b: Carline and Series Codes - PONTIAC (VIN positions 4 and 5)

For Vehicles With Make Identifier Codes: 1G2, 2G2, 3G2, 4G2

	<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
	F	S	FIREBIRD & CONVERTIBLE
	F	V	FORMULA & CONVERTIBLE
	H	X	BONNEVILLE SE
#	H	Z	SSEI
	J	B	SUNFIRE & CONVERTIBLE
	J	D	SUNFIRE
	N	E	GRAND AM SE
	N	W	GRAND AM GT
	W	J	GRAND PRIX SE
	W	P	GRAND PRIX GT
	W	R	GRAND PRIX GTP

019

RESPONSIBILITY: Pontiac Motor Division and NAES
AUTHORIZED BY : Pontiac Marketing and NAES Product Planning



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

B. Passenger Cars

TABLE B2c: Carline and Series Codes - OLDSMOBILE (VIN positions 4 and 5)

For Vehicles With Make Identifier Codes: 1G3, 2G3

<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
G	R	AURORA
N	F	ALERO GLS
N	K	ALERO GX
N	L	ALERO GL
W	H	INTRIGUE
W	S	INTRIGUE GL
W	X	INTRIGUE GLS

020

RESPONSIBILITY: Oldsmobile Division and NAES
AUTHORIZED BY : Oldsmobile Marketing and NAES Product Planning



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

B. Passenger Cars

TABLE B2d: Carline and Series Codes - BUICK (VIN positions 4 and 5)

For Vehicles With Make Identifier Codes: 1G4, 2G4

	<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
	C	U	PARK AVENUE - ULTRA
	C	W	PARK AVENUE
	G	D	RIVIERA
	H	P	LESABRE CUSTOM
	H	R	LESABRE LIMITED
	W	B	REGAL LS
	W	F	REGAL GS
#	W	K	REGAL LIMITED
#	W	L	CENTURY CUSTOM
	W	S	CENTURY CUSTOM
	W	Y	CENTURY LIMITED

021

RESPONSIBILITY: Buick Motor Division and NAES
 AUTHORIZED BY : Buick Marketing and NAES Product Planning



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

B. Passenger Cars

TABLE B2e: Carline and Series Codes - CADILLAC (VIN positions 4 and 5)

For Vehicles With Make Identifier Codes: 1G6, W06

<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
E	L	ELDORADO
E	T	ELDORADO TOURING
K	D	DEVILLE
K	E	DEVILLE D'ELEGANCE
K	F	DEVILLE CONCOURS
K	H	(1GE)* CADILLAC HEARSE
K	J	(1GE)* CADILLAC LIMOUSINE
K	S	SLS
K	Y	STS
V	R	(W06) CATERA

* - These vehicles VIN'ed as Incomplete Vehicles, see Section C

RESPONSIBILITY: Cadillac Motor Car Division
 AUTHORIZED BY : Cadillac Marketing



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

B. Passenger Cars

TABLE B2f: Carline and Series Codes - GM OF CANADA (VINS positions 4 and 5)

For Vehicles With Make Identifier Codes: 2C7

<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
M	R	PONTIAC FIREFLY

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RESPONSIBILITY: GM of Canada
AUTHORIZED BY : Automotive Regulatory Activities - GM of Canada



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

B. Passenger CarsTABLE B2g: Carline and Series Codes - SATURN (VINS positions 4 and 5)

For Vehicles With Make Identifier Codes: 1G8

	<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
	Z	E	SC1 COUPE
	Z	F	SC1 COUPE, SL SEDAN
	Z	G	SC2 COUPE, SW1 WAGON, SL1 SEDAN
	Z	H	SC2 COUPE, SW1 WAGON, SL1 SEDAN
	Z	J	SW2 WAGON, SL2 SEDAN
	Z	K	SW2 WAGON, SL2 SEDAN
#	J	H	LS (SEDAN)
#	J	K	LSI (SEDAN), LW1 (WAGON)
#	J	L	LS2 (SEDAN), LW2 (WAGON)

024

RESPONSIBILITY: Saturn Corporation
 AUTHORIZED BY : Product Engineering Operations



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

B. Passenger Cars

TABLE B2h: Carline and Series Codes - GM Electric Vehicle
(VINS positions 4 and 5)

For Vehicles With Make Identifier Codes: 4G5

<u>CARLINE</u>	<u>SERIES</u>	<u>DESCRIPTION</u>
P	X	EV ₁

025

RESPONSIBILITY: Electric Vehicle Program
AUTHORIZED BY : Product Engineering Operations



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

B. Passenger CarsTABLE B3a: VIN Body Style Codes (VIN position 6)

For Vehicles With Make Identifier Codes:

1G1	1G2	1G3	1G4	1G6	1Y1	1G8
2G1	2G2	2G3	2G4			
2C1	2C2				2C7	
3G1	3G2					
4G1	4G2	4G3		W06		4G5

VIN

CODING GM EQUIVALENT BODY CODES

1	27 - Coupe, 2-door, Notchback
	37 - Coupe, 2-door, Notchback Special
	47 - Coupe, 2-door, Notchback Special
	57 - Coupe, 2-door, Notchback Special
2	07 - Coupe, 2-door, Plain Back
	08 - Sedan, 2-door, Plain Back, (H/Back)
	77 - Coupe, 2-door, Plain Back, H/back
	87 - Coupe, 2-door, Plain Back, Special
3	67 - Coupe, 2-door, Convertible
5	19 - Sedan, 4-door, 6 Window, Notchback
	69 - Sedan, 4-door, 4 Window, Notchback
6	29 - Sedan, 4-door, 4 Window, Plain Back
	68 - Sedan, 4-door, 6 Window, Plain Back, (H/Back)
8	35 - Station Wagon, 4-door

026

RESPONSIBILITY: GM VIN Subcommittee, NAO Engineering Center Operations - ERM
 AUTHORIZED BY : GM VIN Subcommittee Chairman



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

B. Passenger Cars

TABLE B3b: Restraint System Codes - Front Seat (VIN position 7)

For Vehicles With Make Identifier Codes:

1G1	1G2	1G3	1G4	1G6	1Y1	1G8
2G1	2G2	2G3	2G4			
2C1	2C2				2C7	
3G1	3G2					
4G1	4G2	4G3		W06		4G5

CODE DEFINITION

- 2 Active (Manual) Belts with Driver & Passenger Inflatable Restraint (Frontal)
- 4 Active (Manual) Belts with Driver & Passenger Inflatable Restraints (Frontal & Side)

027

RESPONSIBILITY: NAO Safety and Restraint Center
 AUTHORIZED BY : GM VIN Subcommittee Chairman



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

B. Passenger CarsTABLE B4: Engine Codes (VIN position 8)

For Vehicles With Make Identifier Codes:

1G1	1G2	1G3	1G4	1G6	1Y1	4GL	1G8
2G1	2G2	2G3	2G4				
2C1	2C2				2C7		
3G1	3G2						
4G1	4G2	4G3					
				W06			4G5

<u>CODE</u>	<u>ENGINE DEFINITION</u>	<u>DESIGN BY</u>	<u>RPO</u>	<u>NAME PLATE USAGE</u>
C	4.0L V8 MFI	WRN1	L47	Olds
E	3.4L6 MFI	HO LAN	LA1	Pont, Olds
F	2.2L 4 MFI	DOHC	L61	Sat(J)
G	5.7L V8 MFI	WRN	LS1	Chev, Pont
H	3.5L V6 MFI	FLT	LX5	Olds
J	3.1L V6 SFI		LG8	Chev Olds
K	3.8L V6 MFI	FLT	L36	Chev, Pont, Buick
R	3.0L V6 MFI	OPEL	L81	Cad, Sat(J)
T	2.4L I4 MFI	LAN	LD9	Chev, Pont, Olds, Buick, Toyota
Y	4.6L V8 MFI	WRN1	LD8	Cad
1	3.8L V6 MFI	FLT	L67	Pont, Buick
2	1.3L I4 MFI	SUZUKI	LY8	Chev, GM Can
5	102KW, AC, 312V	GMEV	LN1	GMEV
6	1.0L L3 TBI	SUZUKI	LP2	Chev, GM Can
8	1.8L I4 MFI	TOYOTA	LV6	Chev
9	4.6L V8 MFI	WRN1	L37	Cad

GM POWERTRAIN LEGEND:

WRN1 - GMPTG WARREN (PREM V)	LAN - GMPTG LANSING
WRN - GMPTG WARREN (SM. BLK)	FLT - GMPTG FLINT
GMEV - GM ELECTRIC VEHICLE	SAT - SATURN

NOTE: Name Plate Sat(J) - SATURN J CAR

028

RESPONSIBILITY: GM Powertrain Veh Platform Engine Coord. & NAO Engrg Ctr. Oper-ERM
 AUTHORIZED BY: Corporate Information Standards



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

C. MPV's, Light Duty Trucks, Buses\$ & Incomplete Vehicles

TABLE C1: VIN Format

For Vehicles with an Alpha Character in the 5th Position (See Table C3)

For Vehicles with Make Identifier Codes:

1GA\$	1GB	1GC	1GD	1GE	1GT	1GJ\$	1GK	1GN	1GM	4GL	2CG	1GH	1S9
	2GB	2GC	2GD		2GT								
	3GB		3GD				3GK	3GN	3GM				
1GG		2CC			2CT		2CK	2CN					
			4GD										
1GY													

\$ Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with seating which will exceed ten (10) passengers.

<u>VIN POSITION</u>	<u>CHARACTER TYPE *</u>	<u>ATTRIBUTE</u>
1-3	BAA	GM Make Identifier (Table A1)
4	A	GVWR/Brake System (Table C2)
5	A	Line and Chassis Type (Table C3)
6	N	Series (Table C4)
7	N	Body Type (Table C5)
8	B	Engine Type (Table C6)
9	B	Check digit (Table A3)
10	B	Model Year (Table A2)
11	B	Plant of Manufacture (Table A4)
12-17	NNNNNN	Sequence Number

* CHARACTER TYPE: A - Alpha Characters
N - Numeric Characters
B - Alpha or Numeric Characters

TYPICAL GM LIGHT DUTY TRUCK VIN: 2GCDC14R/X1132166

1-3	2GC	Canadian General Motors, Chevrolet Truck
4	D	5001/6000 lb. GVWR w/Hydraulic Brakes
5	C	Conventional Cab 4X2
6	1	1/2 Ton
7	4	Two Door Cab
8	R	5.7 Liter V-8 Gas Engine GMPT-Warren
9	✓	Check digit
# 10	Y	Model Year 2000
11	1	Oshawa #2 Assembly Plant
12-17	132166	Sequence Number

029

RESPONSIBILITY: GM VIN Subcommittee
AUTHORIZED BY: GM VIN Subcommittee Chairman



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

C. MPV's, Light Duty Trucks, Buses & Incomplete Vehicles

TABLE C2: GVWR/Brake Systems (VIN position 4)

For Vehicles with an Alpha Character in the 5th Position (See Table C3)

For Vehicles with Make Identifier Codes:

1GA\$	1GB	1GC	1GD	1GE	1GT	1GJ\$	1GK	1GN	1GM	4GL	2CG	1GH	1S9
	2GB	2GC	2GD		2GT								
	3GB		3GD				3GK	3GN	3GM				
1GG		2CC			2CT		2CK	2CN					
			4GD										
1GY													

\$ Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with seating which will exceed ten (10) passengers.

<u>CODE</u>		<u>GVWR RANGE</u> (In pounds)	<u>BRAKE</u> <u>SYSTEM</u>
B		3001 - 4000	Hydraulic
C		4001 - 5000	Hydraulic
D	**	5001 - 6000	Hydraulic
E	*	6001 - 7000	Hydraulic
F	*	7001 - 8000	Hydraulic
G		8001 - 9000	Hydraulic
H		9001 - 10000	Hydraulic
J		10001 - 14000	Hydraulic
K		14001 - 16000	Hydraulic
L		16001 - 19500	Hydraulic
M		19501 - 26000	Air/Hydraulic

* For Cadillac commercial chassis/vehicle

** For Chevrolet & Buick commercial body/chassis, use this Position 4 VIN code.

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RESPONSIBILITY: GM VIN Subcommittee
 AUTHORIZED BY : GM VIN Subcommittee Chairman



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

C. MPV's, Light Duty Trucks, Buses & Incomplete Vehicles

TABLE C3: Line and Chassis Types (VIN position 5)

For Vehicles with an Alpha Character in the 5th Position

For Vehicles with Make Identifier Codes:

1GA\$	1GB	1GC	1GD	1GE	1GT	1GJ\$	1GK	1GN	1GM	4GL	2CG	1GH	1S9
	2GB	2GC	2GD		2GT								
	3GB		3GD			3GK	3GN	3GM					
1GG		2CC			2CT	2CK	2CN						
			4GD										
1GY													

\$ Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with a seating which will exceed ten (10) passengers.

<u>CODE</u>	<u>LINE DESCRIPTION</u>	<u>CHASSIS TYPE DESCRIPTION</u>
#	B Special Body from Buick or Chevrolet Passenger Car	4 X 2 Chassis Type
	C * Conventional Cab - Full Size Pick Up	4 X 2 Chassis Type
	D Military Truck	4 X 4 Chassis Type
	E Compact Cab/Electric Truck (FWD)-Small Conventional Cab	4 X 2 Chassis Type
#	G ** Van - Full Size	4 X 2 Chassis Type
	H Chassis Cutaway or commercial chassis/vehicle from Cad Pass Car	4 X 2 Chassis Type
	J Compact Cab	
#	K * Conventional Cab - Full Size Pick Up	4 X 4 Chassis Type
	L *** Small Van	4 X 4 Chassis Type
	M *** Small Van	4 X 4 Chassis Type
#	P Forward Control-Commercial/Motor Home Chassis	4 X 2 Chassis Type
	S * Small Conventional Cab	4 X 2 Chassis Type
	T * Small Conventional Cab	4 X 2 Chassis Type
	U All Purpose Vehicle	4 X 4 Chassis Type
	X All Purpose Vehicle (EXT)	4 X 2 Chassis Type

* Includes C/K Suburbans, and C/K Yukon, Tahoe & Denali and S/T Chevrolet Blazers, Oldsmobile Bravadas and GMC Jimmys.

** Includes Chevrolet Vans, Express Van, Commercial Cutaway, RV Cutaway and GMC Savana Cargo, Savana Passenger, GMC Savana Special and Savana Camper Special.

*** - Includes Astro and Safari Vans.

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RESPONSIBILITY: GM VIN Subcommittee
 AUTHORIZED BY : GM VIN Subcommittee Chairman



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

C. MPV's, Light Duty Trucks, Buses\$ & Incomplete Vehicles

TABLE C4: Series (VIN position 6)

For Vehicles with an Alpha Character in the 5th Position (See Table C3)

For Vehicles with Make Identifier Codes:

1GA\$	1GB	1GC	1GD	1GE	1GT	1GJ\$	1GK	1GN	1GM	4GL	2CG	1GH	1S9
	2GB	2GC	2GD		2GT								
	3GB		3GD				3GK	3GN	3GM				
1GG		2CC			2CT		2CK	2CN					
1GY			4GD										

\$ Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with seating which will exceed ten (10) passengers.

<u>CODE</u>	<u>DESCRIPTION</u>
0	All Purpose Vehicle (See Table C3, Code 'U')
1	1/2 ton nominal
2	3/4 ton nominal
3	1 ton nominal
4	Rear Engine Chassis
5	3 ton nominal (Mex. Only)
9	Special Buick, Chevrolet or Cadillac commercial chassis vehicle

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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

C. MPV's, Light Duty Trucks, Buses\$ & Incomplete Vehicles

TABLE C5: VIN Body Types (VIN position 7)

For Vehicles with an Alpha Character in the 5th Position (See Table C3)

For Vehicles with Make Identifier Codes:

1GA\$	1GB	1GC	1GD	1GE	1GT	1GJ\$	1GK	1GN	1GM	4GL	2C2	1GH	1S9
	2GB	2GC	2GD		2GT								
	3GB		3GD				3GK	3GN	3GM				
1GG		2CC			2CT		2CK	2CN					
			4GD										
1GY													

\$ Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with seating which will exceed ten (10) passengers.

<u>CODE</u>	<u>DESCRIPTION</u>
0	Chassis only on Series 1 (See Table C4, Code 1 & Table C3, Code S).
0	Commercial chassis/vehicle on Series 9 (See Table C4, Code 9)
1	* Commercial Special and RV Cutaway
2	Forward Control
3	Four (4) Door Cab/Utility
3	Four Door-All Purpose Vehicle (See Table 3, Code U)
4	Two (2) Door Cab
5	Van
6	Suburban
6	All Purpose Vehicle (See Table 3, Code U)
7	Motor Home Chassis
8	Two (2) Door Utility
9	Extended Cab/Extended Van

* Includes GMC Savana Special and Camper Special

033



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

C. MPV's, Light Duty Trucks, Buses & Incomplete Vehicles

TABLE C6a: Engine Codes (Passenger Car Type) (VIN position 8)

For Vehicles with an Alpha Character B or H only in the 5th Position

For Vehicles with Make Identifier Codes:

1GE

For all other alpha characters in 5th position, see Table C6b.

<u>CODE</u>	<u>DESIGN BY</u>	<u>ENGINE DESCRIPTION</u>	<u>RPO</u>
Y	WRN1	4.6 V8 MFI DOHC	LD8
9	WRN1	4.6 V8 MFI DOHC, HO	L37

GM Powertrain Legend: WRN1 - GMPTG WARREN (PREM V)

034



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

C. MPV's, Light Duty Trucks, Buses & Incomplete Vehicles

TABLE C6b: Engine Codes (VIN position 8)

For Vehicles with an Alpha Character in the 5th Position, Except B and H (for which see Table C6a).

For Vehicles with Make Identifier Codes:

1GA\$	1GB	1GC	1GD	1GT	1GJ\$	1GK	1GN	1GM	2CG	1GH	1S9
	2GB	2GC	2GD	2GT							
1GG		2CC		2CT		2CK	2CN	3GM			
			4GD								
	3GB		3GD			3GK	3GN				
1GY											

\$ Specific to Chevrolet and GMC Vans which are classified as Buses when equipped with seating which will exceed ten (10) passengers.

	<u>CODE</u>	<u>DESIGN BY</u>	<u>ENGINE DESCRIPTION</u>	<u>RPO</u>
	A	@ LAN	2.2L I4 MFI, OHC	LA9
	B	WRN	7.4L V8, MFI Performance	L21
	C	SUZUKI	2.0L I4, MFI, DOHC	L34
#	D	WRN	8.1 V8 Gas MFI	
	E	FLT	3.4 V6 MFI	LA1
	F	ROM	6.5L V8 Diesel, Turbo, HO	L65
	H	GMEV(Delco)	85KW, AC, 312V	LN1
	J	WRN	7.4 V8 MFI HO	L29
	K	WRN	5.7L V8 TBI	L05 (Mex. Only)
	L	MEX	4.1L, L6, MFI	LH3
	R	WRN	5.7 V8 MFI	L31
	S	ROM	6.5L V8 Diesel Turbo	L56
	T		5.3L, 8, MFI, Iron	LM7
	U		6.0L, 8, MFI, Iron	LQ4
	V		4.8L, 8, MFI, Iron	LR4
	W	WRN	4.3L V6 CPI, 90 deg.	L35
	X	WRN	4.3 V6 MFI 90 degree	LF6
	Y	WRN	6.5L V8 Diesel, HO	L57
#	Z	WRN	3.0 V6 Gas SFI	L46

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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

C. MPV's, Light Duty Trucks, Buses & Incomplete Vehicles (Cont'd)

TABLE C6b: Engine Codes (VIN position 8) (Cont'd)

<u>CODE</u>	<u>DESIGN BY</u>	<u>ENGINE DESCRIPTION</u>	<u>RPO</u>
4	**	WRN	2.2L L4 MFI
6		SUZUKI	1.6L L4 MFI, OHC
7		MEX	4.1L L6, GAS, TBI
8	@	LAD	3.0L V6 MFI, DOHC, HO
9	@	LAD	2.2L L4 MFI Turbo DOHC

* LPG conversion can be accomplished on the engine.
 @@ Natural Gas Conversion can be accomplished on the engine.
 ** Note: Engine also released for passenger car - see Table B4.
 @ For Export Only (APV)

GM Powertrain Legend: WRN = WARREN, WRN/B = WARREN/BRAZIL, FLT = FLINT
 LAN = LANSING, DET = DETROIT, ROM = ROMULUS
 MEX = MEXICO, GMEV = ELECTRIC VEHICLE

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Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

D. Medium Duty Trucks and Incomplete Vehicles

TABLE D1: VIN Format

For Vehicles with a Numeric Character in the 5th Position (See Table D3)

For Vehicles with Make Identifier Codes:

1GB	1GC	1GD	1GT	J8B	J8D
2GB	2GC	2GD	2GT	4GT	

<u>VIN POSITION</u>	<u>CHARACTER TYPE *</u>	<u>ATTRIBUTE</u>
1-3	BBA	GM Make Identifier (Table A1)
4	A	GVWR/Brake System (Table D2)
5	B	Series (Table D3)
6	N	Line and Cab Type (Table D4)
7	N	Chassis (Table D5)
8	B	Engine Type (Table D6)
9	B	Check digit (Table A3)
10	B	Model Year (Table A2)
11	B	Plant of Manufacture (Table A4)
12-17	NNNNNN	Sequence Number

* CHARACTER TYPE: A - Alpha Characters
 N - Numeric Characters
 B - Alpha or Numeric Characters

TYPICAL GM MEDIUM DUTY TRUCK VIN: 1GTM7H1M✓XJ556123

	1-3	1GT	U.S. General Motors, GMC Truck
	4	M	26,001 - 33,000 GVWR with Air Brakes
	5	7	7,000 Series
	6	H	Conventional Cab, 104 inch BBC Conv.
	7	1	4 X 2 Chassis
	8	M	7.0 Liter V8 Gasoline Engine by GM
	9	✓	Check Digit
#	10	Y	Model Year 2000
	11	J	Janesville, WI Assembly Plant
	12-17	556123	Sequence Number

037

RESPONSIBILITY: GM VIN Subcommittee
 AUTHORIZED BY: GM VIN Subcommittee Chairman



Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

D. Medium Duty Trucks & Incomplete Vehicles

TABLE D2: GVWR/Brake Systems (VIN position 4)

For Vehicles with a Numeric in the 5th Position

For Vehicles with Make Identifier Codes:

1GC	1GT	1GB	1GD	J8B	J8D
2GC	2GT	2GB	2GD	4GT	

<u>CODE</u>	<u>GVWR RANGE (In Pounds)</u>	<u>BRAKE SYSTEM</u>
A	9001 - 10000	Hydraulic
B	10001 - 14000	Hydraulic
C	14001 - 16000	Hydraulic
D	14001 - 16000	Air
E	16001 - 19500	Hydraulic
F	16001 - 19500	Air
G	19501 - 23500	Hydraulic
H	19501 - 23500	Air
J	23501 - 26000	Hydraulic
K	23501 - 26000	Air
L	26001 - 33000	Hydraulic
M	26001 - 33000	Air
N	33001 - 40500	Hydraulic
P	33001 - 40500	Air
R	40501 - 48500	Hydraulic
S	40501 - 48500	Air
T	48501 - 58000	Air
V	58001 - 69500	Air
X	Glider Kit (Not defined by FMVSS 115)	

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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

D. Medium Duty Trucks & Incomplete Vehicles

TABLE D3: Series (VIN position 5)

For Vehicles with a Numeric in the 5th Position

For Vehicles with Make Identifier Codes:

1GC	1GT	1GB	1GD	J8B	J8D
2GC	2GT	2GB	2GD	4GT	

<u>CODE</u>	<u>DESCRIPTION</u>	<u>MODEL</u>
4	4500 Series Medium Duty	W4
5	5000 Series Medium Duty	C5/W5
6	6000 Series Medium Duty	C6/W6/FB6
7	7000 Series Medium Duty	B7/C7/W7/D7/FB7

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Corporate Information Standards

GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

D. Medium Duty Trucks & Incomplete Vehicles

TABLE D4: Truck Line and Cab Type (VIN Position 6)

For Vehicles with a numeric in the 5th Position

For Vehicles with Make Identifier Codes:

1GC 1GT 1GB 1GD J8B J8D
 2GC 2GT 1GB 2GD 4GT

<u>CODE</u>	<u>DESCRIPTION TRUCK LINE</u>	<u>CAB TYPE</u>	<u>MODEL</u>
A	Forward/Tiltmaster	medium, tilt, 72.0 BBC	W5
B	Forward/Tiltmaster	medium, tilt, 67.9 BBC	W4
C	T55 - T85	medium, tilt, 86.0 BBC	F6/F7
D	C Series, (Special Eqpmt Option)	crew-cab	C7
H	C Series	conventional cab, 106.75 BBC	C6/C7
T	Bus/Commercial Chassis	chassis cowl	B7

BBC = Bumper to Back of Cab

040



GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

D. Medium Duty Trucks & Incomplete Vehicles

TABLE D5: Chassis (VIN position 7)

For Vehicles with a numeric in the 5th Position

For Vehicles with Make Identifier Codes:

1GC	1GT	1GB	1GD	J8B	J8D
2GC	2GT	2GB	2GD	4GT	

<u>CODE</u>	<u>DESCRIPTION</u>
0	Glider Kit (Not defined by FMVSS 115)
1	4 x 2 - 2 Axles, 1 Driving
4	6 x 4 - 3 Axles, 2 Driving

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GM VEHICLE IDENTIFICATION NUMBERING STANDARDS

D. Medium Duty Trucks & Incomplete Vehicles

TABLE D6: Engine Codes (VIN position 8)

For Vehicles with a numeric in the 5th Position

For Vehicles with Make Identifier Codes:

1GC	1GT	1GB	1GD	J8B	J8D
2GC	2GT	2GB	2GD	4GT	

<u>CODE</u>	<u>CYL</u>	<u>CID</u>	<u>L</u>	<u>BBL</u>	<u>ENGINE DESCRIPTION</u>	<u>RPO</u>
B	8		7.4		GM V8, MFI, High Performance	L21
C	8		7.2		CAT L6 Turbo, Electronic	LG5
D	8		7.4		GM V8, MFI	LP4
F	8		6.5		GM V8 Turbo Diesel, HO	L65
J	6	403	6.6		CAT 3116 Diesel	LXØ
K	L4		3.9L		4BD2-TC, Turbo DSL	**
M	8	427	7.0		GM V8 TBI	LRØ
P	8	366	6.0		GM V8 TBI	LSØ
X					Designation for Glider Kits - No Engine involved.	
2	6		7.1		Isuzu 6HE1TC Diesel	LN4*
3	6		7.8		Isuzu D1 Turbo Diesel	LG4
4	L4		4.8L		4HE1-TC-S, I/C Turbo Diesel	**
5	L4				4HE1-TC-N	**

* NOTE: Total liability for Warranty & Servicing is Isuzu responsibility.

** - None GM codes K, 4 & 5 are for ISUZU engine used by ISUZU ordered vehicles built by GM.

Navistar International
Transportation Corp.

2911 Meyer Road
P O Box 1109
Fort Wayne IN 46801
Telephone 219 461-1113

01-22-N11B-7087



INTERNATIONAL

FILE

January 13, 1999

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

Jpp

Attention: VIN Coordinator

Jpp

Gentlemen:

Re: Reissue of Entire VIN Decipher Document

Pursuant to 49 CFR Part 565 "Vehicle Identification Number Requirements", Section 565.7, "Reporting Requirements," Navistar International Transportation Corp. herein submits a complete updated reissue of the information previously submitted on July 16, 1998 to decipher the characters contained in its VIN system.

This is a complete reissue of the VIN Decoding Document due to the addition of attributes XE through XP on page "2"; removal of unused attributes CM on page "3" and NC on page "4"; and addition of Plant location attribute K on page "7". Please replace the document dated July 16, 1998 with this complete revision.

Sincerely,

NAVISTAR INTERNATIONAL TRANSPORTATION CORP.

Richard C Kempf

Richard Kempf
Manager Technical Legislation
(219) 461-1008

Attachments

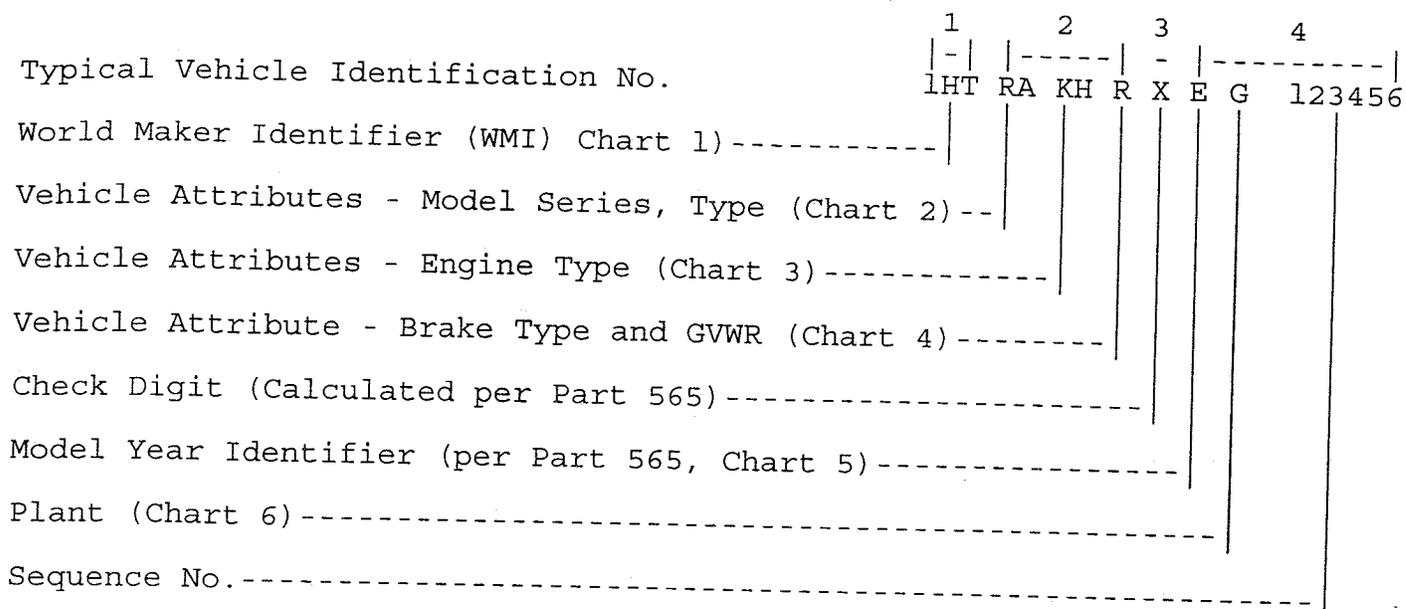
NAVISTAR INTERNATIONAL TRANSPORTATION CORP.
NATIONAL HIGHWAY
TRAFFIC SAFETY ADMIN.
1999 JAN 25 AM 8:25
EXECUTIVE SECRETARIAL

NAVISTAR

001

NAVISTAR INTERNATIONAL TRANSPORTATION CORP.

VEHICLE IDENTIFICATION NUMBER
(January 11, 1999)



1st position of chassis sequential number is a numeric for U.S. Canada, and Mexico manufactured vehicles.

CHART 1

WORLD MAKER IDENTIFIER (WMI)

- 1HT = US Produced Straight Truck
- 1HS = US Produced Truck Tractor
- 1HV = US Produced Bus
- 2HT = Canada Produced Straight Truck
- 2HS = Canada Produced Truck Tractor
- 2HV = Canada Produced Bus
- 3HT = Mexico Produced Straight Truck
- 3HS = Mexico Produced Truck Tractor
- 3HV = Mexico Produced Bus

CHART 2

MODEL SERIES, TYPE

Attribute
Position
"4-5"

MODEL SERIES, TYPE

DESCRIPTION

Attribute Position "4-5"	MODEL SERIES, TYPE	DESCRIPTION
RA	9600	4x2 COE HD DSL
RB	9600 Doubles	4x2 COE HD DSL
RC	CO-9670 Eagle 4x2	4x2 COE HD DSL
RD	9600	6x4 COE HD DSL
RE	COF-9670 Eagle	6x4 COE HD DSL
RG	9600	6x4 COE HD DSL
RH	Eagle Glider	Glider Chassis
RK	9700	Glider Chassis
RL	9700 Glider	6x4 COE HD DSL SBA
RM	9700 Low Rider	Glider Chassis SBA
RN	9600 Low Rider	6x4 COE HD DSL
RP	9700 Low Profile	6x4 COE HD DSL
RR	9800	6x4 COE HD DSL
RS	9800	4x2 COE HD DSL
RT	9800	6x4 COE HD DSL
RU	9800	Glider Chassis
RV	9800	6x4 COE HD DSL SBA
FA	9300	Glider Chassis SBA
FB	9300	4x2 Cab D 118 BBC
FC	9300	6x4 Cab D 118 BBC
FE	9300	Glider Chassis D
FG	F-9300 SBA	6x4 Cab HD 118 BBC SBA
FH	9400 6x4	Glider Chassis 118 BBC
FJ	9400	80 Inch Wide Steel Cab 68 ABC SBA
FK	9400 4x2	Glider Kit
FL	9200 4X2	80 Inch Wide Steel Cab 68 ABC SBA
FM	9200 6X4	4X2 SBA
FN	9200	6X4 SBA
FP	9100 4x2	Glider
FR	9100 6x4	4x2 SBA
FS	9100	6x4 SBA
FT	9900 6x4	Glider
FU	9900	6x4 SFA
XA	CO-5870-OH	SFA Glider
XB	COF-5870-OH	4x2 COE Cab D
XC	COF-5870-OH	6x4 COE Cab D
XE	5600	6x6 COE Cab D
XG	5600	4x4 SBA
XH	5600	6x6 SBA
XJ	5500	6x4 SBA
XK	5500	4x4 SFA
XL	5500	6x6 SFA
XM	5600	6x4 SFA
XN	5600	8x4 SBA
XO	5600	8x6 SFA
XP	5600	8x6 SBA TRIDEM
		Glider SBA

Chart 2

Attribute
Position
"4-5"

MODEL SERIES, TYPE

DESCRIPTION

Attribute Position "4-5"	MODEL SERIES, TYPE	DESCRIPTION
TB	5070	4x2 CAB D
TE	5070	4x4 CAB D
TG	F-5070	6x4 Cab D
TJ	F-5070-SF	6x4 Cab D Set Forward Axle
TM	F-5050	6x6 Cab D
TN	F-5070	6x6 Cab D
TR	F-5070	Glider Chassis
TS	5000	8x6 SFA
TU	F-5070-SF-WW	6x4 CAB D Set FWD Axle Wgt Watcher
TW	5000 SFA	6x4 Set Forward Axle
CA	9910i	4x2 SBA
CB	9910i	6x4 SBA
CC	9910i	Glider SBA
CD	9920i	4x2 SBA
CE	9920i	6x4 SBA
CF	9920i	Glider SBA
CH	9900i	6x4 SFA
CI	9920i	SBA Glider
CK	9900ix	6x4 SFA XL
CL	9900ix	Glider XL
CN	9940i	6x4 SBA
GA	F-7100	6x4 80 Inch Wide Steel Cab 68 ABC
GB	2554	4x2 80 Inch Wide Steel Cab 68 ABC
GC	F-2554	6x4 80 Inch Wide Steel Cab 68 ABC
GD	2554	Glider Kit
GE	2574	4x2 80 Inch Wide Steel Cab 68 ABC
GG	F-2574	6x4 80 Inch Wide Steel Cab 68 ABC
GH	F-2654 SBA	6x4 80 Inch Wide Steel Cab 68 ABC
GJ	2654 SBA	Glider Kit
GK	2674 SBA	4x2 80 Inch Wide Steel Cab 68 ABC
GL	F-2674 SBA	6x4 80 Inch Wide Steel Cab 68 ABC
GM	2654	4x2 80 Inch Wide Steel Cab 68 ABC
BA	3700	4x2 FBC Bus Chassis
BB	3800	4x2 FBC Bus Chassis
BC	3900 FC	4x2 Forward Control Chassis
BD	3600 Vista	4x2 FBC Special Bus Chassis
BE	3400	4x2 Conventional Cab Bus Chassis
BG	GENESIS	4x2 FC School Bus MD Dsl
BH	GENESIS	4X2 FC BUS MD Dsl
BJ	RE3000	4X2 RE School Bus MD Dsl
BK	RE3000	4X2 RE Bus MD Dsl
BL	FE3000	4X2 FC Bus Chassis MD Dsl
BM	RE3000	4X2 RE Bus Chassis MD Dsl
BN	4900	4x2 FBC Bus Chassis
BP	4700	4x2 SFC Bus Chassis (Mexico)
SM	4500/4700 LPX	4x2 80 Inch Wide Steel Cab 63 ABC
SA	4600	4x2 80 Inch Wide Steel Cab 68 ABC
SC	4700	4x2 80 Inch Wide Steel Cab 68 ABC

Chart 2

Attribute Position "4-5"	MODEL SERIES, TYPE	DESCRIPTION
SL	4700 Low Profile	4x2 80 Inch Wide Steel Cab 68 ABC
SD	4900	4x2 80 Inch Wide Steel Cab 68 ABC
SH	F-4900	6x4 80 Inch Wide Steel Cab 68 ABC
SN	4700	Glider Kit
SG	4900	Glider Kit
SK	4600 UH	4x2 80 Inch Wide Steel Cab 68 ABC
SB	4600 LP	4x2 80 Inch Wide Steel Cab 68 ABC
SE	4800	4x4 80 Inch Wide Steel Cab 68 ABC
SJ	F-4900 6x6	80 Inch Wide Steel Cab 68 ABC
SP	4900 6x2	80 Inch Wide Steel Cab 68 ABC
HA	7100 4x2	80 Inch Wide Steel Cab 68 ABC
HB	8100 4x2	80 Inch Wide Steel Cab 68 ABC
HC	F-8100 6x4	80 Inch Wide Steel Cab 63 ABC
HD	8100	80 Inch Wide Steel Cab 63 ABC
HE	8200 4x2	Glider Kit
HG	F-8200 6x4	80 Inch Wide Steel Cab 64 ABC
HH	G-8200	80 Inch Wide Steel Cab 64 ABC
HJ	8300 4x2	Glider Kit
HK	F-8300 6x4	80 Inch Wide Steel Cab 64 ABC
HL	G-8300	80 Inch Wide Steel Cab 64 ABC
HM	8100 CH 4x2	Glider Kit
HN	F-8100 CH 6x4	80 Inch Wide Steel Cab 63 ABC
MC	M-1400	80 Inch Wide Steel Cab 63 ABC
MD	M-1600	4x2 With Van Body
ME	1452-SC	4x2 With Van Body
MG	1652-SC	4x2 Stripped Chassis Only
MH	1652-UPS	4x2 Stripped Chassis Only
MJ	1552-SC	4x2 Stripped Chassis Only
NA	4700	4X2 Stripped Chassis Md Dsl
NB	4900	4x2 80 Inch Wide Cab (Mexico)
WR	400	6x4 80 Inch Wide Cab (Mexico)
WS	500	4x2 COE LFE Cab DSL
WV	600	4x2 COE LFE Cab DSL
WT	700	4x2 COE LFE Cab DSL
WU	900	4x2 COE LFE Cab DSL

CHART 3
ENGINE TYPE

Attribute Positions "6 and 7"	Engine Manufacturer	Cubic Inch Displacement	Type
AA	Navistar	466	DSL
AB	Navistar	446	DSL
AC	Navistar	408	DSL
AD	Navistar	530	DSL
AE	Cummins	855	DSL
AH	Cummins	660	DSL
AP	Cummins	915	DSL
AU	Cummins	610	DSL
JM	Cummins	855	DSL (Export)
JU	Cummins	855	DSL (Export)
JX	Cummins	855	DSL (Export)
C2	Cummins	855	DSL (Export)
AK	Detroit	736	DSL (Export)
AL	Detroit	677	DSL
AM	Detroit	774	DSL
AN	Detroit	519	DSL
AS	Caterpillar	893	DSL
AT	Caterpillar	628	DSL
AX	Caterpillar	732	DSL
AY	Caterpillar	963	DSL

CHART 4

BRAKE TYPE AND GVWR

Attribute Position "8"	Brake Type	GVWR Range [greater than, kg. - to, kg. (lbs.)]		
A	Air	0	-	2722 (0 - 6,000)
B	Hyd	0	-	2722 (0 - 6,000)
C	Air	2722	-	4536 (6,001 - 10,000)
D	Hyd	2722	-	4536 (6,001 - 10,000)
E	Air	4536	-	6350 (10,001 - 14,000)
F	Hyd	4536	-	6350 (10,001 - 14,000)
G	Air	6350	-	7257 (14,001 - 16,000)
H	Hyd	6350	-	7257 (14,001 - 16,000)
J	Air	7257	-	8845 (16,001 - 19,500)
K	Hyd	7257	-	8845 (16,001 - 19,500)
L	Air	8845	-	11793 (19,501 - 26,000)
M	Hyd	8845	-	11793 (19,501 - 26,000)
N	Air	11793	-	14968 (26,001 - 33,000)
P	Hyd	11793	-	14968 (26,001 - 33,000)
R	Air	14968	-	24948 (33,001 - 55,000)
S	Hyd	14969	-	24948 (33,001 - 55,000)
T	Air	24948	and Over	(55,001) and Over
U	Hyd	24948	and over	(55,001) and Over

O = Designation for glider kits (not defined by Part 565)

CHART 5
MODEL YEAR IDENTIFIER

Position "10"	Model Year
D	1983
E	1984
F	1985
G	1986
H	1987
J	1988
K	1989
L	1990
M	1991
N	1992
P	1993
R	1994
S	1995
T	1996
V	1997
W	1998
X	1999
Y	2000
1	2001

CHART 6
PLANT IDENTIFIER

Position "11"	Plant Locations
A	Conway, Arkansas
C	Chatham, Ontario Canada
G	Monterrey, Mexico
H	Springfield, Ohio
J	Garland, Texas
K	Sidney, Ohio
N	Escobedo, Mexico
Y	Delavan, Illinois



Mercedes-Benz

01-22-N11B-7088

Mercedes-Benz
of North America, Inc.

January 15, 1999

FILE

Peggy Proctor
Office of Safety Assurance
National Highway Traffic Safety Administration
400 Seventh Street, SW
Washington, DC 20590

2 pg

1015

Attention: VIN Coordinator

Subject: Part 565.5 (e), VIN Reporting Requirements

Pursuant to the subject regulations, enclosed please find two early introduction new model series expected to be marketed during Model Year 2000 by Mercedes-Benz of North America, Inc., as well as the information necessary to decipher the Vehicle Identification Number.

Sincerely,

Daniel J. Selke
Manager
Safety Engineering

Attachment

001

Address:
One Mercedes Drive, P.O. Box 350
Montvale, NJ 07645-0350

Telephone: (201) 573-0600
Telefax: (201) 573-0117

Cable:
Mercebenz Mtle

Overseas Telex 135404
Domestic Telex 135404



Mercedes-Benz of North America, Inc. - Model Year 2000 Vehicle Identification Number (VIN) Deciphering Information
 Attributes of Vehicles (As specified in Part 565.4, Table I)

WMI	First 4 Characters of Second VIN Section	Line	Series	Body Type	Engine Type
WDB	NG70	220 (S-Class)	S430	4-door Sedan	MB 4.3 Liter, V-Type 8 cyl., Gasoline, 275 Net bhp
WDB	NG75	220 (S-Class)	S500	4-door Sedan	MB 5.0 Liter, V-Type 8 cyl., Gasoline, 302 Net bhp

Restraint System Type

Fifth Character of Second VIN Section	Driver	Front Passenger	Outboard Rear	Center Rear
J (Line 220)	Type-2 Belt with ETR*, Air Bag, Knee Bolster, Side Impact Air Bag in Door, Window Bag	Type-2 Belt with ETR*, Air Bag, Knee Bolster, Side Impact Air Bag in Door, Window Bag	Type-2 Belts with ETR*, Side Impact Air Bag in Door, Window Bag	Type-2 Belt

* Emergency Tensioning Retractors
 Plant Designation Codes for WDB: A, B, C, D, E = Sindelfingen; F, G, H = Bremen; J = Rastatt; X = Graz



RECEIVED USA-30

NSA

Subsidiary of Federal Signal Corporation

November 16, 1998

98 DEC 9 19:05

01-22-N11B-7089

Chuck Osowski
Senior Engineer
(352)861-3661*Fax(352)854-2462
E-Mail: cosowski@e-one.com

Administrator
National Highway Transportation Safety Administration
ATTN: VIN Coordinator, NEF-01, RM. 5321
400 Seventh St. SW
Washington, DC 20590

FILE

2 pgs

Dear Sir/Madam:

We are enclosing a revised copy of Emergency-One Drawing No. 289224, (Revision "D" dated 11/06/98) VIN Calculation Sheet.

Please take note of the following Additions/Changes to this Document:

Reference; Engine Make/Model (Character No. 4)

-Deleted Engine Models Designated by Letter Characters "H", "L", "M" and "Y" : These (4) Engine Models have never been offered OR installed in ANY Emergency-One Vehicles. Moreover, all (4) of these Engines have been discontinued by the Engine OEM's due to current On-Highway EPA emission Regulations.

-Numeric Character #3; Added "ISM" Designation to existing Cummins M-11 Identifier. The "ISM" Engine is virtually the same as its predecessor, the M-11, only with Enhanced Electronic Controls.

Reference; Chassis/Cab/Body (Character No. 6)

-Added Letter designators "J", "K", "L", and "M" : These (4) new entries describe the composite-skin cab construction We will be offering on one of our new product lines.

Please update your records accordingly to reflect these Latest Changes/Additions.

If you have any Questions regarding any of the Enclosed Material, do not Hesitate to advise.

Sincerely,

Emergency-One Inc

Chuck Osowski
Sr Engineer

PC: M. Pitsenbarger
R. Engelbrecht

EXECUTIVE SECRETARIAT
1998 DEC -8 PM 3:03
NATIONAL HIGHWAY
TRAFFIC SAFETY ADMIN.



EMERGENCY ONE, INC.

OCALA, FLORIDA USA

VEHICLE IDENTIFICATION NUMBERS

REVISIONS TO VIN SHEET SENT TO:
ADMINISTRATOR, NATIONAL HIGHWAY TRAFFIC
SAFETY ADMINISTRATION
400 SEVENTH STREET, S.W.
WASHINGTON, D.C. 20590
ATTN: VIN COORDINATOR

1ST SECTION

2ND SECTION

4 1	E 2	N 3	4	5	6	7	8
--------	--------	--------	---	---	---	---	---

WORLD
MANUFACTURER
IDENTIFIER

MODEL OR LINE
SERIES/CHASSIS/CAB/BODY
ENGINE
BRAKE SYSTEM
GVW RATING

CHARACTER 1
ALWAYS "4"

CHARACTER 2
ALWAYS "E"

CHARACTER 3
ALWAYS "N"

ENGINE MAKE/MODEL
CHARACTER 4

TYPE OF VEHICLE
CHARACTER 5

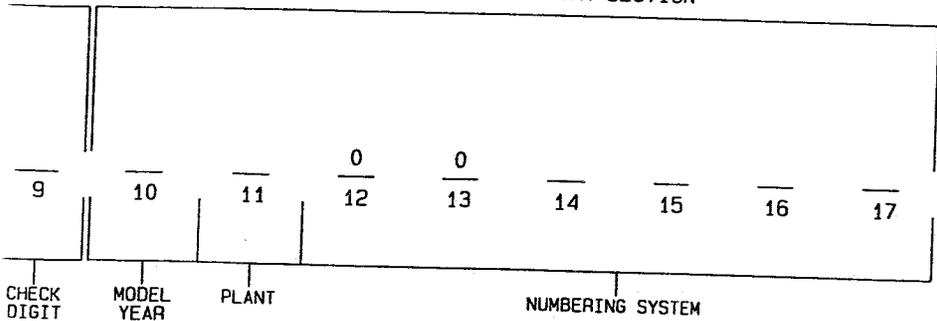
A -DDC 6-71	A -TRUCK
B -DDC 6V	B -INCOMPLETE VEHICLE
C -DDC 8.2	C
D -DDC 8V	D
E -DDC 12V	E
F -DDC S40/S40E	F
G -DDC 60 SERIES	G
H	H
J -CUMMINS NT	J
K -CUMMINS NTC	K
L	L
M	M
N -CUMMINS 10-LITRE	N
P -CUMMINS 6BT/ISB	P
R -CUMMINS 6CT/ISC	R
S -CUMMINS N14	S
T -CAT 3116	T
U -CAT 3208	U
V -CAT 3176	V
W -CAT 3306	W
X -CAT 3406	X
Y	Y
Z -DEUTZ BF12	Z
1 -I.H.C. DT466	1
2 -MACK 600 SER	2
3 -CUMMINS M11/ISM	3
4 -MACK E7	4
5 -DDC 50 SERIES	5
6	6
7	7
8	8
9	9
0	0

D	VICTORY	98NOV06
C	VICTORY	97NOV20
B	TJH	6-30-95
A	TJH	1-3-94
REV	BY	DATE

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SECTION

4TH SECTION



14TH, 15TH, 16TH, 17TH CHARACTERS TO BE LAST (4) DIGITS OF E-ONE SHOP ORDER NUMBER

CHASSIS/CAB/BODY

BRAKE SYSTEM

GVW RANGE

MODEL YEAR

PLANT

CHARACTER 6

CHARACTER 7

CHARACTER 8

CHARACTER 10

CHARACTER 11

A -BOLTED FRAME
W/ ALUMINUM CAB & BODY
B -FABRICATED FRAME
W/ ALUMINUM CAB & BODY
C -BOLTED FRAME
W/ ALUMINUM CAB
D -FABRICATED FRAME
W/ ALUMINUM CAB
E -UNIBODY

A -AIR BRAKES
B -AIR/HYDRAULIC
C -HYDRAULIC
D
E

A

A -2010

A

F -FABRICATED FRAME
W/ STEEL CAB
G -BOLTED FRAME
W/ STEEL CAB
H -BOLTED FRAME
W/ALUMINUM CAB & STEEL BODY
J -BOLTED FRAME W/COMPOSITE
MATERIAL CAB SKIN W/ALUMINUM
FRAMEWORK, ALUMINUM BODY
K -FAB FRAME W/COMPOSITE MATERIAL
CAB SKIN W/ALUMINUM FRAMEWORK,
ALUMINUM BODY

D

D

D -2013

D

L -BOLTED FRAME W/COMPOSITE
MATERIAL CAB SKIN WITH
ALUMINUM FRAMEWORK
M -FABRICATED FRAME W/COMPOSITE
MATERIAL CAB SKIN W/ALUMINUM
FRAMEWORK

E

E

E -2014

E

N
P
R
S
T
U
V
W
X
Y
Z

F

F

F -2015

F

1
2
3
4
5
6
7
8
9
0

G

G

G -2016

G

1
2
3
4
5
6
7
8
9
0

H

H

H -2017

H

1
2
3
4
5
6
7
8
9
0

J

J

J -2018

J

1
2
3
4
5
6
7
8
9
0

K

K

K -2019

K

1
2
3
4
5
6
7
8
9
0

L

L

L -2020

L

1
2
3
4
5
6
7
8
9
0

M

M

M -1991

M

1
2
3
4
5
6
7
8
9
0

N

N

N -1992

N

1
2
3
4
5
6
7
8
9
0

P

P

P -1993

P

1
2
3
4
5
6
7
8
9
0

R

R

R -1994

R

1
2
3
4
5
6
7
8
9
0

S

S

S -1995

S

1 - EMERGENCY ONE, INC.

T

T

T -1996

T

U

U

U -1997

U

V

V

V -1998

V

W

W

W -1998

W

X

X

X -1999

X

Y

Y

Y -2000

Y

Z

Z

Z -2001

Z

1

1

1 -2002

1

2

2

2 -2002

2

3

3

3 -2003

3

4

4

4 -2004

4

5

5

5 -2005

5

6

6

6 -2006

6

7

7

7 -2007

7

8

8

8 -2008

8

9

9

9 -2009

9

0

0

3 -10,001 TO 14,000 LBS.

0

1

1

4 -14,001 TO 16,000 LBS.

1

2

2

5 -16,001 TO 19,500 LBS.

2

3

3

6 -19,501 TO 26,000 LBS.

3

4

4

7 -25,001 TO 33,000 LBS.

4

5

5

8 -OVER 33,000 LBS.

5

6

6

6

7

7

7

8

8

8

9

9

9

0

0

0

01-22-N11B-7090

Alumax Trailers
RR 1 Box 170
Covington, PA 16917

December 3, 1998

FILE

1pg.

Administrator
NHTSA
400 Seventh Street, SW
Washington, DC 20590
Attn.: VIN Coordinator

Subject: VIN Decoding Information
For: Alumax Trailers

In accordance with 565.7 (e) of 49 CFR Part 565, Vehicle Identification Number, Alumax Trailers hereby submits Vehicle Identification Number (VIN) decoding information.

VIN POSITION:	DESCRIPTION:	CODES:
1, 2 & 3	assigned	1A9
4	Bail	B
5	Box	B
6 & 7	Length: 28'	28
8	Axles: 2	2
9	Check Digit	4
10	Year- 1999	X
11	Plant: Covington	C
12, 13 & 14	assigned	477
15, 16 & 17	SPN	001

**Other codes defined:

Vin Pos. #4: F=Fifth wheel

Vin Pos #5: Ø=Open

01-22-N11B-7091

AMERICAN TRAILER MFG.

Rt 1 Box 1155

Shady Point, Okla. 74956

918-649-0726

December 1, 1998

Administrator
National Highway Traffic Safety Administration
400 Seventh Street, SW
Washington, DC 20590
Attn: VIN Coordinator

FILE 2 pgs

Subject: VIN Decoding Information for AMERICAN TRAILER MFG.

In accordance with §565.7(c) of 49 CFR Part 565, *Vehicle Identification Number*, AMERICAN TRAILER MFG. hereby submits Vehicle Identification Number (VIN) decoding information.

VIN POSITION:

DESCRIPTION:

CODES:

1,2 & 3

WMI

5B2

4

Trailer Type

P Pintle Pull
B Ball Type Pull
D Draw Bar Pull
F Fifth Wheel
G Gooseneck

5

Body Type

U Utility
D Utility Dovetail
F Flat Bed Car
Hauler
G Gooseneck flat-
bed
B Gooseneck Dove-
tail
S Semi Flat Bed
L Low Boy

6 & 7

Length of Trailer
(all lengths rounded to nearest foot)

06 06 feet long
50 50 feet long

8

Number of Axles

1 1 Axle
2 2 Axles
3 3 Axles

9

Check Digit

10

Model Year

W 1998
X 1999
Y 2000

001

11	Plant Location	S Shady Point P Poteau
12, 13 & 14	WMI	000
15, 16, & 17	Sequential Production Number	001 002

01-22-N11B-7092

Walnut Grove Mfg., Inc.

Telephone 360-693-5096

3108-A N.E. 65th St.
P.O. Box 3013
Vancouver, WA 98663

November 30, 1998

Administrator
National Highway Traffic Safety Administration
400 Seventh Street, SW
Washington, DC 20590
Attn: VIN Coordinator
Subject: VIN Decoding Information for Walnut Grove Mfg., Inc

FILE

1 pg.

DEC 9 P4:01

RECEIVED NSA-30

In accordance with §565.7(c) of CFR Part 565, *Vehicle Identification Number*, Walnut Grove Mfg., Inc. hereby submits Vehicle Identification Number (VIN) decoding information.

VIN POSITION	DESCRIPTION	CODES
1, 2, & 3	WMI	1, W, 9
4	Trailer Type	U = Utility F = Flatbed
5	Body Type	S = Standard P = Special
6 & 7	Length of Trailer (all lengths rounded to nearest foot)	26=26 feet long 09=09 feet long
8	Number of Axles	1=axle 2=axles 3=axles
9	Check Digit	Calculate - SEE CFR 565.4
10	Model Year	W=1998 X=1999 Y=2000 1=2001 2=2002 3=2003
11	Plant Location	V = Vancouver
12, 13, & 14	WMI	3, 0, 5
15, 16, & 17	Sequential Production Number	001, 002, etc.



KIT

MANUFACTURING COMPANY

RECREATIONAL VEHICLE DIVISION

412 KIT Avenue, P.O. Box 1420, Caldwell, Idaho 83606-1420

Telephone (208) 453-2500

FAX (208) 459-9387

NSM

01-22-N11B-7093

November 20, 1998

Administrator
National Highway Traffic Safety Administration
400 Seventh St., SW
Washington, DC 20590

2 pgs

EXECUTIVE SECRETARIAT
1998 DEC -8 AM 10:45
NATIONAL HIGHWAY
TRAFFIC SAFETY ADMIN.

Attention: VIN Coordinator
Subject: VIN Coding Amendment

Dear VIN Coordinator,

Attached is amended coding for our VIN. This is being submitted in accordance with the requirements of 49 CFR 565.7(d) (10/01/97 edition). Should you have any questions feel free to call me at the number listed above.

Sincerely,

Joseph E. Shreve, III

RECEIVED HSA-30
08 DEC 0 09 10
attachment

001

**Vehicle Identification Number (VIN) Format
for
Kit Manufacturing Co. - Recreational Vehicle Division**

Section:	1			2				3		4							
Character position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Sample VIN:	1	K	T	2	6	5	F	2	X	2	9	9	9	9	9	9	9

Explanation of Sample VIN:

<u>Section</u>	<u>Position</u>	<u>VIN designation coding</u>		
1	1	1	Built in the United States of America	
	2	K	Designation for Kit Manufacturing Co. as assigned by S.A.E.	
	3	T	Vehicle Type: T = Trailer	
2	4	2	} nominal length category in one foot increments } positions 4,5,6,7 constitute the model name	
	5	6		
	6	5		Floor Plan differentiator (may be letter or number)
	7	F		Trailer type: T = conventional towing travel trailer F = fifth wheel travel trailer
	8	2	Number of axles	
3	9		Check digit: calculated per 49 CFR 565.6(c)	
4	10	X	Model Year: calculated per 49 CFR 565.6(d)(1) X=1999; Y=2000; 1=2001; 2=2002; 3=2003; 4=2004	
			Plant of Manufacture: 2 = RV complex at 412 S. Kit Ave., Caldwell, Idaho	
12	9	Series (price point designations):		
		1 = Companion, Companion LXG		
		2 = Road Ranger, Road Ranger LXG		
		3 = Patio Hauler, Patio Hauler TE		
		4 =		
		5 =		
		6 =		
		7 =		
		8 =		
		9 = Sunchaser, Espré, Sportsmaster		
13	9	5 digit Sequential number assigned to each unit		
14	9	"		
15	9	"		
16	9	"		
17	9	"		



01-22-N11B-7094 NSA
Zimmerman Metals Inc.

Over 60 Years of Quality Workmanship and Service

201 East 58th Avenue, Denver, Colo. 80216 / 303-294-0180 / FAX 303-292-5013

November 25, 1998

Administrator, National Highway Traffic Safety Administration
400 Seventh Street, SW
Washington, DC 20590
Attn: VIN Coordinator

FILE

RECEIVED
A10:45

RECEIVED NSA-30

Subject: VIN Decoding Information for Zimmerman Metals Inc.

In accordance with 565.7c of 49 CFR Part 565, Vehicle Identification Number, Zimmerman Metals Inc. hereby submits VIN decoding information.

VIN POSITION:	DESCRIPTION:	CODES:
1,2,3	WMI	1Z9
4	Trailer Type	B=Ball Type Pull
5	Body Type	A=Arch Machine Trailer R=Roof Machine Trailer
6,7	Length of Trailer	17=17 Feet Long 19=19 Feet Long 26=26 Feet Long
8	Number of Axles	2=2 Axles
9	Check Digit	Calculate
10	Model Year	W=1998 X=1999
11	Plant Location	D=Denver
12,13,14	WMI	098
15,16,17	Sequential Production #	001 002

Janet R. Gibley
Janet R. Gibley, Controller

EXECUTIVE SECRETARIAT
1998 DEC -8 AM 9:09
NATIONAL HIGHWAY
TRAFFIC SAFETY ADMIN.



Forest River, Inc.

3010 College Ave., P.O. Box 124, Goshen, Indiana 46527 • 219-533-5934 • Fax 219-533-6085

NSA

01-22-N11B-7095

Administrator, National Highway Traffic
Safety Administration
400 Seventh St., SW.
Washington, D.C. 20590
Attention: Vin Coordinator
11/18/98

FILE

3pgs

EXECUTIVE SECRETARIAT
1998 DEC -8 AM 10:46
NATIONAL HIGHWAY
TRAFFIC SAFETY ADMIN.

Dear Sir,
Forest River, Inc. 3010 College Ave., Goshen, In 46527 has added a new Cedar Creek product line and a new location in Goshen, In.

CODE = 4X4
CHARACTER = 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

CHARACTER POSITION	CODE CHARACTER	CODE MEANING
1,2 & 3	4 X 4	World Manufacturer Identifier Forest River, Inc.
4	T F C S U	TRAVEL TRAILER FIFTH WHEEL TENT CAMPER SLIDE IN TRUCK CAMPER UTILITY TRAILERS
5 & 6	AP AM CA CC CR CK CM EL EX FD FL FM FS LF LU LW PR RC RL RT UR SA	AUTO PLUS AUTO MASTER CARDINAL TOWABLES CONTINENTAL CARGO CEDAR CREEK CHEROKEE CARGO MATE ELIMINATOR EXPRESS FOREST LODGE TRAILER FLAGSTAFF LITE WEIGHT TRAILERS FREEDOM CAMPING TRAILER FLAGSTAFF CAMPING TRAILER QUALIFIER LUMINA TOWABLES LIMITED BASEMENT WIDE BODY CLASS C PREMIER CAMPING TRAILER REFRIGERATED CARGO ROCKWOOD LITE WEIGHT TRAILERS REAL-LITE QUAILRIDGE PARK MODEL TRAILERS SANDPIPER TOWABLES

REIVED USA-30

DEC 0 10:46

SB	SNOWBIRD
SH	SANDPIPER HARDWALL TOWABLES
SE	SIERRA TOWABLES
SG	SIGNATURE CAMPING TRAILER
SH	SIERRA HARDWALL TOWABLES
SL	SANDPIPER LTD TOWABLES
SK	SNOW KING
SM	SALEM TOWABLES
SN	SENTINAL PARK MODEL TRAILER
SP	SPINNAKER TOWABLES
SU	SUMMIT PARK MODEL TRAILER
SR	SUNRISE TOWABLES
TB	TRAIL BLAZER
VL	VICTORY LANE
VT	VERI-LITE
WE	WEE GO
WD	WILDWOOD TOWABLES
WH	WILDWOOD HARDWALL TOWABLES

7

UNIT LENGTH ALL TOWABLES

A=25'	G=31'	N=37'	V=20'
B=26'	H=32'	P=38'	W=21'
C=27'	J=33'	R=39'	X=22'
D=28'	K=34'	S=40'	Y=23'
E=29'	L=35'	T=18'	Z=24'
F=30'	M=36'	U=19'	
0=10'	1=11'	2=12'	3=13'
4=14'	5=15'	6=16'	7=17'
		8=44'	9=46'

8

AXLE CONFIGURATION

0= NO AXLES 1=1 AXLE, 2= 2 AXLES, 3= 3 AXLES, 4= 4 AXLES

9

IS A CALCULATED CHECK DIGIT

10

MODEL YEAR

11

ALPHA character NOTING PLANT LOCATION

A=3010 College Ave Goshen, In

B=2780 College Ave Goshen In
 C= 255 S. Pepper Ave. Rialto, Ca
 D=201 W. Elm Millersburg, In
 E=2801 Oakland Elkhart, In
 F=65275 Elder Dr Goshen, In.
 G=58277 S.R. 19 Elkhart, In
 H=52645 PARK 6 CT. Elkhart, In
 J=2762 COLLEGE AVE Goshen, In
 K=1402 LINCOLNWAY EAST Goshen, In
 L=2211 W. WILDEN AVE. Goshen, In

M=2323 Middlebury St. Elkhart, In
N=29618 C.R. 12 Elkhart, In
P=1802 Century Ave. Goshen In

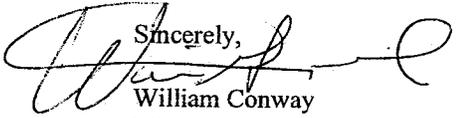
12 TO 17

000100

UNIT NUMBERS

If there are any questions or comments please contact William Conway at (219)534-6913.

Sincerely,



William Conway
VP Engineering

WGC/rb
Cc Joe Greenlee
nhtsavin.doc

Morrow Mobiles², Inc.

135 Civic Center Drive
National City, CA 91950

(619) 477-6200
Fax: (619) 477-6199



**EXPANDABLE
ROOMS TO GOSM**

Website: WWW.MORROW-MOBILES.COM

NSA

01-22-N11B-7096

Administrator, NHTSA
400 Seventh St., SW
Washington, D.C. 20590

11/20/98

FILE

1 pg

Aitn: VIN Coordinator
Re: VIN decoding for *Morrow mobiles², Inc.*

In accordance with section 565.7(c) of 49 CFR Part 565, *Vehicle Identification Number*, Morrow mobiles², Inc. hereby submits Vehicle Identification Number (VIN) decoding information.

<u>VIN Position</u>	<u>Description</u>	<u>Codes</u>
1, 2, 3	WMI	1M9
4	Trailer type	R (this classification was given to us to designate "multi-use mobile rooms")
5	Body type	most recent = C
6, 7	Length of body	17
8	Number of axles	2
9	Check digit	most recent = 8
10	Model year	most recent = W
11	Plant location	most recent = S
12, 13, 14	WMI	4, 2, 0
15, 16, 17	Sequential production number	most recent = 210

RECEIVED
NOV 20 1998
NSA-30

Because we are a small-volume manufacturer, some of the digits in our VIN numbers will change:

- 1) digit #5 if we customize our trailer's interior for a customer, thereby adding weight to bring it up to the "D" weight rating;
- 2) digit #9 - will change according to other changes listed here
- 3) digit #11 - changes per year
- 4) digit #12 - we moved our office and plant from San Diego to National City, CA BUT have had no indication from California DMV, SAE or NHTSA if this will bring about a change from "S" for San Diego to some other letter indicating National City.
- 5) digits #15, 16, 17 may change if we introduce new model designs.

Sincerely,

Floyd L. Morrow,
President

nhtsavin.mm2

EXECUTIVE SECRETARIAT
1998 DEC -8 AM 10:45
NATIONAL HIGHWAY
TRAFFIC SAFETY ADMINISTRATION

FILE

HONDA

AMERICAN HONDA MOTOR CO., INC.

1919 Torrance Boulevard • Torrance, CA 90501-2746

(213) 783-2000

December 10, 1998

AHCERT- 983751

01-22-N11B-7097

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

ATTENTION: VIN Coordinator

2 pp

Dear Sir:

In accordance with general agency regulation, 49 CFR 565, we are enclosing the information specified in Section 565.5 of the regulation that is applicable for the following 1999 model year Honda motorcycles:

VF750C, VF750C2, SA50, SA50P, VFR800F1, CBR600F4, CN250

This supercedes our previous submittal of 8/28/98 (AHCERT-983267). The horsepower data for the CBR600F4 has been revised,

Please contact me at (310) 783-3419 if you have any questions.

Yours truly,

AMERICAN HONDA MOTOR CO., INC.



Michael V. Tyrrell
Administrator - Certification
Certification Department

Enclosure(s)

US99-VIN-02

VEHICLE ATTRIBUTES

MODEL YEAR 1999

Vehicle code	Line (Model)	**Type of Motorcycle	Fuel	Engine type No. of cylinder	Displacements (cc)	Brake horse Power	VIN	***Type
RC430	VF750C	MC	Gasoline	4	748	86	JH2RC430*XM500001	A
RC431	VF750C	MC	Gasoline	4	748	86	JH2RC431*XM500001	AC
RC433	VF750C2	MC	Gasoline	4	748	86	JH2RC433*XM400001	A
RC434	VF750C2	MC	Gasoline	4	748	86	JH2RC434*XM400001	AC
AF160	SA50	MD	Gasoline	1	49	4.8	3H1AF160*XD000001	A/AC
AF161	SA50P	MP	Gasoline	1	49	1.9	3H1AF161*XD500001	A/AC
RC460	VFR800FI	MC	Gasoline	4	782	108	JH2RC460*XM100001	A
RC461	VFR800FI	MC	Gasoline	4	782	102	JH2RC461*XM100001	AC
PC250	CBR600F4	MC	Gasoline	4	599	104	JH2PC350*XM000001	A
PC251	CBR600F4	MC	Gasoline	4	599	98	JH2PC351*XM000001	AC
MF020	CN250	MC	Gasoline	1	244	21	JH2MF020*XK400001	A/AC

* : Check digit

** : Abbreviation

MC : Motorcycle

MD : Motor-driven-cycle

MP : Moped

*** : Abbreviation

A : 49 State

AC : California State



AMERICAN SUZUKI MOTOR CORPORATION

01-22-N11B-7098

December 11, 1998

FILE

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

4 pp

Attn: VIN Coordinator

Dear Sir or Madam:

Enclosed are three copies each of this letter, the Revision and Appendix Log and Page 51 of Appendix I to Suzuki Engineering Standards (SES-N4009) Vehicle Identification Number. This submission represents the addition of the Suzuki GZ250 and SV650 motorcycle models to our motorcycle line.

As mentioned in our original correspondence dated April 2, 1980, Appendix I supplements the second section Vehicle Descriptor Section of Suzuki Engineering Standards (SES-N4009) Vehicle Identification Number.

Sincerely,

AMERICAN SUZUKI MOTOR CORPORATION

Frederic M. Petler
Frederic M. Petler
Government Relations
Administration Manager

H:\DOSWORD\NHTSA\1999 GZ250 & SV650 VIN data submission.doc

001

SUZUKI ENGINEERING STANDARDS

(SES-N4009)

Vehicle Identification Number

For

United States of America and Canada

REVISION AND APPENDIX LOG

Revision	03-10-80	pgs. 3,4,5,9
Appendix 1	04-02-80	pgs. 1,2,3
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003

REVISION AND APPENDIX LOG

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004

**APPENDIX I
TO
SUZUKI ENGINEERING STANDARDS
(SES-N4009)
VEHICLE IDENTIFICATION NUMBER**

INFORMATION TO DECIPHER V.I.N.

MODEL	2nd SECTION OF VIN	TYPE OF M/C	LINE	DISP (CC)	HP	ENGINE TYPE
GZ250	NJ48A	Touring (III)	GZ250	249	19.7	4-Cycle 1-Cylinder
SV650	VP52A	Touring (II)	SV650	645	69.1	4-Cycle 2-Cylinder

T. R. ARNOLD & ASSOCIATES, INC.

industrialized housing advisors

700 E. BEARDSLEY AVENUE • P.O. BOX 1081 • ELKHART, IN 46515
(219) 264-0745 • FAX: (219) 264-0740

December 1998

01-22-N11B-7099

NSA

Administrator
National Highway Traffic Safety Administration
400 Seventh Street, S.W.
Washington, DC 20590

FILE 2 pgs

ATTN: VIN Coordinator

The following VIN system is proposed for use by the manufacturer designated below. Please contact our office at the first opportunity with your determination of the acceptability of this system.

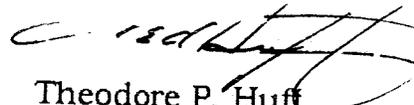
Manufacturer:
Corporate Address:
City, State, Zip:

Indiana Steel Products, Inc.
406 Kesco Drive
Bristol, IN 46507

<u>Position(s)</u>	<u>Information</u>	<u>Code(s)</u>
1 - 3	SAE Assigned Identifier:	5 B 8
4	Trailer Type(s):	per attached list
5	Series:	0 = Not Applicable
6	Body Type(s):	0 = Not Applicable
7	Lengths:	per attached list
8	Axle Configurations:	0 = None (Truck Mounted) 1 = Single 2 = Tandem 3 = Triple
9	Check Digit As Required	
10	Year Code As Required	
11	Plant Location:	1 = Elkhart, Indiana
12 - 17	Sequential Serial Number:	Commencing With 001

Do not hesitate to contact our office if you have any questions regarding this matter.

Sincerely,
T. R. ARNOLD & ASSOCIATES, INC.


Theodore P. Huff
Director of Certification

Enclosure

cc: Mr. Randy Rush

TPH/pm

NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION

DEC 29 1998

001

VIN CODES

VEHICLE TYPE

- 1 = Camping Trailer
- 2 = Travel Trailer
- 3 = Fifth Wheel Trailer
- 4 = Utility Trailer (except Van Body type)
- 5 = Van Body type Utility Trailer
- 6 = Boat Trailer
- 7 = Truck Camper
- 8 = Truck Cap

VEHICLE LENGTH

- | | |
|--------------------------|--------------------------|
| A = Less Than 6' | L = 24' to Less Than 26' |
| B = 6' to Less Than 8' | M = 26' to Less Than 28' |
| C = 8' to Less Than 10' | N = 28' to Less Than 30' |
| D = 10' to Less Than 12' | P = 30' to Less Than 32' |
| E = 12' to Less Than 14' | R = 32' to Less Than 34' |
| F = 14' to Less Than 16' | S = 34' to Less Than 36' |
| G = 16' to Less Than 18' | T = 36' to Less Than 38' |
| H = 18' to Less Than 20' | U = 38' to Less Than 40' |
| J = 20' to Less Than 22' | V = 40" and Over |
| K = 22' to Less Than 24' | |

N3A



LANDOLL CORPORATION

1900 North St. • Marysville, Kansas 66508 • Ph. (785) 562-5381

01-22-N11B-7100

November 24, 1998

FILE

Copy

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

ATTN: VIN Coordinator NRM 11

Landoll Corporation has added the following Models

Model Number	Description
825	Ag Detach
CT816, CT1016	16 Foot Tilt Trailer
C816, C1016	16 Foot Trailer

1998 OCT 14 AM 11:13
NHTSA
ADMIN.

Should you need additional information, please call 785-562-5381.

Sincerely,

David J Kongs

David J Kongs
Senior Manager of Engineering

Enclosures:

file:vinnhtsa.017

cc: Jim Ladner

001

Remember: Quality is always a bargain!

LANDOLL CORP.
VIN CHART

1 L H												
1 S D	1 N	1 L	1 A	1 C	1 M	1 P M	1 M	1 S	1			
1 A E	1 U	1 E	1 X	1 H	1 O	1 L A	1 O	1 E	1			
1 E S	1 M	1 N	1 L	1 E	1 D	1 A N	1 D	1 R	1			
1 I	1 B	1 G	1 E	1 C	1 E	1 N U	1 E	1 I	1			
1 W G	1 E	1 T	1	1 K	1 L	1 T F	1 L	1 A	1			
1 M N	1 R	1 H	1 T	1	1	1 A	1	1 L	1			
1 I A	1	1	1 Y	1 D	1 Y	1 O C	1 V	1	1			
1 T	1 M	1	1 P	1 I	1 E	1 F T	1 E	1 N	1			
1 I	1 O	1	1 E	1 G	1 A	1 U	1 R	1 U	1			
1 O	1 D	1	1	1 I	1 R	1	1 S	1 M	1			
1 N	1 E	1	1	1 T	1	1 E	1 I	1 B	1			
1	1 L	1	1	1	1	1	1 O	1 E	1			
1	1	1	1	1	1	1	1 N	1 R	1			
1	1	1	1	1	1	1	1	1	1			
1	1	1	1	1	1	1	1	1	1			

LANDOLL CORP.
MODEL NUMBER LIST

(Landoll Corporation is a custom manufacturer of trailers and GVWRs can vary due to customer requirements.)

- 01A Model 301A: Fifth wheel, two axle, 36' steel trailer with dual clamshell gates on a bottom discharge gravity flow, 20 cubic yard hopper. GVWR 67,300 pounds (30,526 kg).
- 01B Model 301B:(Same as 01A except 40'). GVWR 67,300 pounds (30,526 kg).
- 01E Model 301E: Fifth wheel, two axle, 40' steel trailer with dual clamshell gates on a bottom discharge gravity flow, 22 cubic yard capacity. GVWR 67,300 pounds (30,526 kg).
- 02A Model 302A: Fifth wheel, two axle, 32' steel trailer with single clamshell gates on a bottom discharge, gravity flow, 19 cubic yard hopper. GVWR 67,300 pounds (30,526 kg).
- 02B Model 402B: Fifth wheel, two axle dolly. GVWR 46,000 lbs (20,865 kg)
- 02C Model 302C: (Same as 02A except 40'). GVWR 67,300 pounds (30,526 kg).

LANDOLL CORP.

November 24, 1998

- 02D Model 302D: (Same as 02A except 39'). GVWR 70,700 pounds (32,069 kg).
- 05D Model 305D: Fifth wheel, three axle, 39' steel trailer with single clamshell gate on a bottom discharge gravity flow 21 cubic yard hopper. GVWR 70,700 pounds (32069 kg).
- 12D Model 312D: Fifth wheel, single axle, 20' steel trailer with single clamshell gate on a bottom discharge, gravity flow, 11 cubic yard hopper. GVWR 38,000 pounds (17,237 kg)
- 13D Model 313D: Pull behind, steerable trailer, single axle on front and rear 20' steel construction with single clamshell gate on a bottom discharge, gravity flow, 12 cubic yard hopper. GVWR 40,000 pounds (18,144 kg).
- 14D Model 314D: Pull behind, steerable trailer, two axle on front and rear, 28', steel construction with single clamshell gate on a bottom discharge, gravity flow, 15 cubic yard hopper. GVWR 60,000 pounds (27216 kg).
- 123 Model 123: Pintle hitch or ball hitch trailer, low side between the wheels tilt bed. GVWR less than 1,000 pounds (436 kg).
- 160 Model 160AG: Fifth wheel hitch, tandem spread axles, steel construction beam and cross member skeleton frame. GVWR 74,000 pounds (33,566 kg).
- 300 Model 300: Flat bed trailer with gooseneck hitch, hydraulic slider axles and tilt frame. GVWR 26,000 pounds (11,793 kg)
- 312 Model 312: Fifth wheel trailer, incomplete frame only with hydraulic slider axles and tilt frame. GVWR maximum 60,000 pounds (27,216 kg).
- 316 Model 316: Fifth wheel trailer with single drop bed, heavy duty two beam construction, hydraulic slider axles and tilt frame, self-storing three position extensions. GVWR 76,000 pounds (34,473 kg).
- 317 Model 317: Fifth wheel trailer with single drop bed, heavy duty four beam construction, hydraulic slider tandem axles and tilt frame. (May have self-storing extensions). GVWR 77,000 pounds (34,926 kg).
- 318 Model 318: Fifth wheel trailer with single drop bed, heavy duty four beam construction, hydraulic slider triple axles and tilt frame. (May have self-storing extensions). GVWR 100,000 pounds (43,359 kg).
- 319 Model 319: Fifth wheel trailer with single drop bed, heavy duty four beam construction, fold up side extensions, hydraulic slider tandem axles and tilt frame. GVWR 77,000 pounds (34,926 kg).
- 322 Model 322: Jeep. Double or triple axle. Beam construction with sliding fifth wheel. GVWR 85,000 pounds (38,555 kg).
- 323 Model 323: Fifth wheel trailer with double drop bed, fixed axles, detachable front neck, two beam construction. (35 Ton Standard) GVWR 84,000 pounds (38,102 kg).
- 324 Model 324: Fifth wheel trailer with double drop bed, fixed axles, detachable front neck, two beam construction. (40 Ton Standard) GVWR 109,000 pounds (49,442 kg).

LANDOLL CORP.

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- 325 Model 325: Fifth wheel trailer with double drop bed, fixed axles, detachable front neck, two beam construction. (50 Ton Standard) GVWR 119,000 pounds (53,977 kg).
- 326 Model 326: Fifth wheel trailer with double drop bed, fixed axles, detachable front neck, two beam construction. (35 Ton Special). GVWR 84,000 pounds (38,102 kg).
- 327 Model 327: Fifth wheel trailer with double drop bed, fixed axles, detachable front neck, two beam construction. (50 Ton Special) GVWR 119,000 pounds (53,977 kg).
- 329 Model 329: Fifth wheel trailer with double drop bed, fixed axles, detachable front neck, two beam construction. (60 Ton Standard) GVWR 140,000 pounds (63,503 kg).
- 330 Model 330: Fifth wheel trailer, two beam construction, flat sloping bed, no drop, hydraulic tilt and hydraulic slide axle. GVWR 26,000 to 60,000 pounds (11,793 to 27,216 kg).
- 334 Model 334: Fifth wheel trailer, double aluminum deck and frame construction, hydraulic tilt and slider axle. GVWR 26,000 pounds (11,793 kg).
- 336 Model 336: Fifth wheel trailer, double aluminum deck and frame construction, hydraulic tilt and slider axles. GVWR 43,000 pounds (19,504 kg).
- 345 Model 345: Flat bed trailer with pintle hitch, hydraulic slider axles and tilt frame, perimeter frame construction. GVWR 50,000 pounds (22,680 kg).
- 350 Model 350: Fifth wheel trailer with single drop bed, hydraulic slider axles and tilt frame, perimeter frame construction. GVWR 75,500 pounds (34,246 kg).
- 360 Model 360: Fifth wheel trailer with double drop bed, fixed axles, perimeter frame construction, and telescoping extensions. GVWR 86,000 pounds (39,009 kg).
- 370 Model 370: Fifth wheel trailer with single drop bed two beam construction. GVWR 94,000 pounds (42,638 kg).
- 380 Model 380: Fifth wheel trailer, two beam construction, flat bed, no drop, fixed axles. GVWR 50,000 to 100,000 pounds (22,680 to 45,359 kg).
- 381 Model 381: Fifth wheel trailer, box frame construction, no drop, fixed axles. GVWR 50,000 to 100,000 pounds (22,680 to 45,359 kg).
- 610 Model 610: Fifth wheel, three axle trailer with goose neck hinged at front of bed, four beam construction, hydraulic slider axles with an undercarriage supporting bed with four rollers. GVWR 100,000 pounds (45,359 kg).
- 660 Model 660: Fifth wheel, two axle trailer with goose neck hinged at front of bed, four beam construction, hydraulic slider axles with an undercarriage supporting bed with three rollers. GVWR 77,000 pounds (34,927 kg).
- 670 Model 670: Fifth wheel, two spread axle trailer with goose neck hinged at front of bed, four beam

LANDOLL CORP.

November 24, 1998

construction, hydraulic slider axles with an undercarriage supporting bed with four rollers. GVWR 77,000 pounds (34,927 kg)

- L06 Model L0612: Ball or pintle hitch trailer, tandem fixed axle, electric brakes, 12 foot flat bed between wheels. GVWR 8300 (3765 kg).
- L10 Model L1012, Model L1014 and Model L1016: Ball hitch or pintle hitch trailer, tandem fixed axle, electric brakes, 12, 14 or 16 foot flat bed between the wheels. GVWR 12,540 pounds (5,688 kg).
- L12 Model L1216 and Model L1218: Pintle hitch trailer, tandem fixed axle, electric brakes, 16 or 18 foot flat bed between the wheels. GVWR 14800 pounds (6713 kg).
- L20 Model L2024 and model L2024HD: Gooseneck or pintle hitch trailer, tandom fixed axles, electric or air brakes, 24 foot bed above wheels, beaver tail. GVWR 26,000 pounds (11,794kg).
- L24 Model L2424: Gooseneck or pintle hitch trailer, tandom fixed axles, air brakes, 24 foot bed above wheels, beaver tail. GVWR 30,000 pounds (13,608kg).
- L40 Model L4024: Pintle hitch trailer, two fixed axles, air brakes, 24 foot bed above wheels, beaver tail. GVWR 48,000 pounds (21,773kg).
- 825 Model 825: Tandem Axle Detachable Gooseneck, 25 ton, 28 or 30 ft bed. GVWR 68,000 pounds(30,848kg).
- T08 Model CT816 Tandem fixed axle trailers. 16 ft. bed with a GVWR 10,000 pounds (4,536kg)
- T10 Model CT1016: Tandem fixed axle trailers. 16 ft. bed with a GVWR 13,000 pounds (5,896kg)
- C08 Model C816 Tandem fixed axle trailers. 16 ft bed with a GVWR 10,000 pounds (4,536kg)
- C10 Model C1016: Tandem fixed axle trailers. 16 ft bed with a GVWR 13,000 pounds (5,896kg)

LENGTH (Effective March 1, 1982)

A 15 & Under	N 38, 39
B 16, 17	P 40, 41
C 18, 19	R 42, 43
D 20, 21	S 44, 45
E 22, 23	T 46, 47
F 24, 25	U 48, 49
G 26, 27	V 50, 51
H 28, 29	W 52, 53
J 30, 31	X 54, 55
K 32, 33	Y 56, 57, 58, 59
L 34, 35	Z 60 and Over
M 36, 37	

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November 24, 1998

AXLE TYPE (EFFECTIVE NOVEMBER 1, 1982)

- A Single axle, dual wheels, electric brakes.
- B Two axle, dual wheels, electric brakes.
- C Three Axle. dual wheels. electric brakes.
- D Single dual wheels, hydraulic disc brakes.
- E Two axle, dual wheels, hydraulic disc brakes.
- F Three axle, dual wheels, hydraulic disc brakes.
- G Single axle, dual wheels, air brakes.
- H Two axle, dual wheels, air brakes.
- J Three axle, dual wheels, air brakes.
- K Four axle, dual wheels, air brakes.
- L Single axle, single wheel, air brakes.
- N Single axle, single wheel, hydraulic brakes.
- P Single axle, single wheel, electric brakes.
- R Two axle, single wheel, air brakes.
- S Two axle, single wheel, hydraulic brakes.
- T Two axle, single wheel, electric brakes.
- U Three axle, single wheel, air brakes

PLANT OF MANUFACTURE

- 1. LANDOLL CORPORATION
1900 North Street
Marysville, KS. 66508