B 3/12/86 pdg ✓

6/8

VOLVO WHITE
Volvo White Truck Corporation

Greensboro, North Carolina

ORIGINAL

February 17, 1986

01-22-N11B-2175

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

Dear Sirs:

Enclosed is the Part 565 information necessary to decipher the characters contained in the VIN of BRIAB Trailers imported by Volvo White Truck Corporation.

Very truly yours,

VOLVO WHITE TRUCK CORPORATION

J. W. Lawrence
Manager, Compliance and Recall

JWL/la
Encl.
cc: Society of Automotive Engineers
400 Commonwealth Drive
Warrendale, PA 15096-0001

Postal address
P.O. Box D-1
Greensboro, NC 27402-1200
(919) 279-2000

12/20/85
Bengt Sundström

V E H I C L E I D E N T I F I C A T I O N N U M B E R

BRIAB TRAILERS

Federal Motor Vehicle Safety Standard No. 115 Vehicle Identification Number goes into effect with all vehicles manufactured on or after September 1, 1980. This standard specifies requirements for a vehicle identification system to simplify vehicle information retrieval and to reduce the incidence of accidents by increasing the accuracy and efficiency of vehicle defect recall campaigns.

VMI World Manufacturer Identifier			VDS Vehicle Descriptor Section					C D	VIS Vehicle Indicator Section		
1	2	3	4	5	6	7	8	9	10	11	12 - 17

12 - 17: SEQUENCE NUMBER (Always Numeric)

These six characters represent the number sequentially assigned by the manufacturer in the production process.

TABLE 3B

LENGTH * Inside of body	CODE
Length 1/10 of meters	0
	1
Length in meter	2
1 meter =	A 3
2 meter =	B 4
etc	

Example
J8 = 9.8 meter

TABLE 3A

TRAILER BODYTYPE	CODE
Converter dolly-convent.	A
Converter dolly special	B
Chassis - container	C
Chassis for timber etc	D
Platform flatbed	E
Platform extendable	F
Platform dropframe	G
Platf halv-high side panel	H
Platf full-high side panel	J
Platform livestock body	K
Dumper rear end	L
Dumper sideways	M
Dumper side and rear end	N
Dumper bottom	P
Dumper frameless rear end	R
Tank uninsulated	S
Tank insulated	T
Tank overpressure-bulk	U
Tank underpressure (sludge etc)	V
Van dry freight	W
Van insulated-heated	X
Van insulated refrigerated	Y
Others	Z

TABLE 2

TRAILER TYPE	CODE
Semitrailer	A
Full trailer	B
Balanced full trailer	C
Load dividing dolly	D
Trailer conv. "	E
Poletrailer	F
Truck mount	G

TABLE 1

VEHICLE MANUFACTURER	VEHICLE TYPE	CODE
BRIAB S-73200 ARBOGA Sweden	Trailers	YT1

TABLE 6

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

PLANT OF ASSEMBLY

PLANT OF ASSEMBLY	CODE
BRIAB ARBOGA	A
BRIAB HÄSSLEHOLM	B

CHECK DIGIT
See table 5

TABLE 4A

AC / Axle configuration with Air brake	0	1	2B	3B	1/1sB	2/1sB	1s/1sB
Code	A	B	C	D	E	F	G

TABLE 4A cont.

AC / Axle configuration with Air brake	1+1	1+2B	1+3B	2B+1	2B+2B	2B+3B
	H	J	K	L	M	N

AC = Axle Configuration
B = Bogie
s = Steering axles in a Bogie
0-3 = Number of axles

VIN = VEHICLE IDENTIFICATION NUMBER. * Length for dolly = C_L - C_L Eye let - 5th wheel

V E H I C L E I D E N T I F I C A T I O N N U M B E R

BRIAB TRAILERS

TABLE 5
CHECK DIGIT

The check digit is determined by carrying out the mathematical computation that is specified below. Assign to each number in the vehicle identification number its actual mathematical value and assign to each letter the value specified for it in table A. Multiply the assigned value for each character in the vehicle identification number by the weight factor specified in table B. Add the resulting product and divide the total by 11. The reminder is the check digit. If the reminder is 10 the check digit is X.

EXAMPLE

VIN-number	Y	V	2	H	1	2	F	A	.	A	A	0	0	2	3	4	5 ✓2
Assigned value	8	5	2	8	1	2	6	1		1	1	0	0	2	3	4	5
Multiply by weight factor	8	7	6	5	4	3	2	10		9	8	7	6	5	4	3	2

64+35+12+40+ 4+ 6+12+10 + 9+ 8+ 0+ 0+10+12+12+10=244

Divided by 11

244:11=22 2:11

Check digit = 2 (must be stamped in "CD" square)

TABLE A

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

TABLE B

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

VOLVO WHITE
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4

V E H I C L E I D E N T I F I C A T I O N N U M B E R

VOLVO TRAILERS

Federal Motor Vehicle Safety Standard No. 115 Vehicle Identification Number goes into effect with all vehicles manufactured on or after September 1, 1980. This standard specifies requirements for a vehicle identification system to simplify vehicle information retrieval and to reduce the incidence of accidents by increasing the accuracy and efficiency of vehicle defect recall campaigns.

VMI World Manufacturer Identifier			VDS Vehicle Descriptor Section					C D	VIS Vehicle Indicator Section		
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SEQUENCE NUMBER
(Always Numeric)

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LENGTH * Inside of body	CODE
Length 1/10 of meters	0
	1
Length in meter	2
1 meter =	A 3
2 meter =	B 4
etc	

Example
J8 = 9.8 meter

PLANT OF ASSEMBLY	CODE
VOLVO TRUCK CORPORATION	A
VOLVO EUROPA TRUCK NV	B
VOLVO DO BRASIL	E
VOLVO WHITE TRUCK CORP, USA	U

Other, see table 7.

TABLE 3A

TRAILER BODYTYPE	CODE
Converter dolly-convent.	A
Converter dolly special	B

TABLE 6

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

CHECK DIGIT
See table 5

TABLE 4A

AC	0	1	2B	3B
Axle configuration with Air brake	Code			
	A	B	C	D

TABLE 2

TRAILER TYPE	CODE
Trailer conv. dolly	E

AC = Axle Configuration
B = Bogie
s = Steering axles in a Bogie
0-3 = Number of axles

TABLE 1

VEHICLE MANUFACTURER	VEHICLE TYPE	CODE
VOLVO TRUCK CORP S-40508 GÖTEBORG Sweden	Trailers	YV6

VIN = VEHICLE IDENTIFICATION NUMBER. * Length for dolly = C_L - C_L Eye let - 5th wheel

V E H I C L E I D E N T I F I C A T I O N N U M B E R

BRIAB TRAILERS

TABLE 5
CHECK DIGIT

The check digit is determined by carrying out the mathematical computation that is specified below. Assign to each number in the vehicle identification number its actual mathematical value and assign to each letter the value specified for it in table A. Multiply the assigned value for each character in the vehicle identification number by the weight factor specified in table B. Add the resulting product and divide the total by 11. The reminder is the check digit. If the reminder is 10 the check digit is X.

EXAMPLE

VIN-number	Y	V	2	H	1	2	F	A	.	A	A	0	0	2	3	4	5
Assigned value	8	5	2	8	1	2	6	1		1	1	0	0	2	3	4	5
Multiply by weight factor	8	7	6	5	4	3	2	10		9	8	7	6	5	4	3	2

64+35+12+40+ 4+ 6+12+10 + 9+ 8+ 0+ 0+10+12+12+10=244

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244:11=22 2:11

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F = 6	P = 7	Y = 8
G = 7	R = 9	Z = 9
H = 8	S = 2	

TABLE B

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