B 2/24/86 rdy

VOLVO WHITE

Volvo White Truck Corporation

ORIGINAL

Greensboro, North Carolina

February 13, 1986

01-22-N1B-2177

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 1986 MY and later Volvo Trucks imported and assembled 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

VEHICLE IDENTIFICATION NUMBER

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 inforation 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.

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.

ENGINE TYPE	FUEL	CODE
TD60B	"	06B
TD61FB	"	6A3
TD61GE	"	6A7
TD70F	"	07F
TD70FC	"	7FC
TD71FA	"	7A6
TD71FC	"	7A4
TD101GB	"	0A3
TD121FA	"	2A5
TD121FB	"	2A6
TD121FC	"	2A7
TD121FE	"	2A8
TD121FF	"	2A9
TD121FG	"	2B1

Other, see table 3

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 2

CAB TYPE	VOLVO DESIGN
Cab over engine HT	H
Cab over engine LT	L
Cab over engine LT	
prod.class 03	F
"- prod.class 07	E
"- prod.class 07,USA	U
Cab behind engine	N
special products:	
F12 with F7-cab	C
F6 with F7-cab	M
etc	

TABLE 4

Brake/Drive	4x2	4x4	6x2	6x4	6x6	8x2	8x4	8x6	8x8
	Code								
Air brake	A	B	C	D	E	F	G	H	J
Air-hydraulic brake	1	2	3	4	5	6	7	8	9

TABLE 1

VEHICLE MANUFACTURER	VEHICLE TYPE	CODE
VOLVO TRUCK CORP S-40508 GÖTEBORG Sweden	Incomplete vehicles	YV5
	Trucks	YV2
VOLVO EUROPA TRUCK NV Smalleheerweg 31 B-9040 OOSTAKKER Belgium	Incomplete vehicles	YB3
	Trucks	YB1
VOLVO DO BRASIL S A Lateral Direita 2600 80000 CURITIBA-PR Brasil	Trucks	9BV

VIN = VEHICLE IDENTIFICATION NUMBER. Extract from VIN No., Edition 16, 1985-07-01, Dept 26590.

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VEHICLE IDENTIFICATION NUMBER

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

Divided by 11
244:11=22 2:11
Check digit = 2 (must be stamped in "CD" square)

TABLE 3

ENGINE TYPE			
VOLVO KOMP AB	TD40A	Diesel	04A
"-	TD41G	"	4A1
"-	TD60A	"	06A
"-	TD60B	"	06B
"-	TD60C	"	06C
"-	TD61F	"	6A4
"-	TD61FA	"	6A5
"-	TD61FB	"	6A3
"-	TD61G	"	6A1
"-	TD61GE	"	6A7
"-	TD61GS	"	6A2
"-	TD70F	"	07F
"-	TD70FC	"	7FC
"-	TD70FS	"	7FS
"-	TD70G	"	07G
"-	TD71F	"	7A2
"-	TD71FA	"	7A6
"-	TD71FC	"	7A4
"-	TD71FS	"	7A5
"-	TD100A	"	10A
"-	TD100B	"	10B
"-	TD100C	"	10C
"-	TD100G	"	10G
"-	TD100GA	"	0GA
"-	TD120C	"	12C
"-	TD120D	"	12D
"-	TD120E	"	12E
"-	TD120F	"	12F
"-	TD120FA	"	2FA
"-	TD120FB	"	2FB
"-	TD120FC	"	2FC
"-	TD120G	"	12G
"-	TD120GA	"	2GA
"-	TD101F	"	0A4
"-	TD101FA	"	0A5
"-	TD101FS	"	0A7
"-	TD101G	"	0A1
"-	TD101GA	"	0A2
"-	TD101GB	"	0A3
"-	TD121F	"	2A3
"-	TD121FA	"	2A5
"-	TD121FB	"	2A6
"-	TD121FC	"	2A7
"-	TD121FD	"	2A4
"-	TD121FE	"	2A8
"-	TD121FF	"	2A9
"-	TD121FG	"	2B1
"-	TD121G	"	2A1
"-	TD121GD	"	2A2

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

TABLE 7

PLANT OF ASSEMBLY	CODE
VOLVO TRUCK CORPORATION	A
VOLVO EUROPA TRUCK NV	B
VOLVO GREAT BRITAIN LTD	C
VOLVO AUSTRALIA PTY LTD	D
VOLVO DO BRASIL	E
SOMA LDA, PORTUGAL	F
VOLVO DEL PERU S A	G
SAIDA S A, MOROCCO	H
SARACAKIS BROTHERS S A, GREECE	J
MARSHALLS (EAST AFRICA) LTD, KENYA	K
V.A.S.A. (VEHICULOS S A), URUGUAY	L
V.S.A. MOTOR DISTRIBUTORS (PTY) LTD, SOUTH AFRICA	M
AUTO COMERCIAL LDA, MOCAMBIQUE	N
ZAMYAD CO LTD, TEHERAN IRAN	P
VOLVO WHITE TRUCK CORP, USA	U
TALLERES GAGO S A, VALENCIA VENEZUELA	V
PT ISMAC, J ANCOL VIII/2 INDONESIA	W
IRAN KAVEH, KM 12 KARAJ ROAD, TEHERAN IRAN	T
SWEDISH MOTOR ASSEMBLIES SDN BHD	
SHAH ALAM MALAYSIA	X