

01-022-N11B-6480

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ORIGINAL

July 31, 1997

Mr. David Coleman
National Highway Traffic Safety Administration
400 Seventh Street SW
Washington DC 20590

2 pgs.

Mr. Coleman;

This letter is in reference to 565.7 C&D VIN Submission.

Please note revision F1 – added engine line 70 (DDC series 40 275 HP), as well as F2 – added cableless model 3. This is the most current print that Spartan has specific to VIN numbers.

If there is any other information that you will need please feel free to contact me at (517) 543 – 6400 Ext: 317.

Thank You,

Kelli A. Oberlin

Kelli A. Oberlin – Spartan Motors Inc.

P.S. Thank you for all your help.

97 SEP -3 15:35

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NHTSA/DOE-1



Spartan Motors VIN System

4VZF P0291VC021572

WORLD MFG.
IDENTIFICATION NUMBER
4VZ - CABLESS CHASSIS
4S7 - CAB CHASSIS
POSITIONS NO. 1-3

MODEL LINE
POSITION NO. 4
GVWR - BRAKE
POSITION NO. 5

ENGINE LINE
POSITION NO. 6 & 7

CAB TYPE
POSITION NO. 8

SEQUENTIAL
SERIAL NO.
POSITION 12-17

PLANT LOCATION
CHARLOTTE, MI
POSITION NO. 11

MODEL YEAR
POSITION NO. 10

CHECK DIGIT
POSITION NO. 9

GVWR/BRAKE SYSTEM POSITION NO. 5					
LET.	GVWR RANGE (IN POUNDS)	BRAKE SYSTEM	LET.	GVWR RANGE (IN POUNDS)	BRAKE SYSTEM
A	10,000-14,000	AIR	N	26,001-32,000	AIR
B	10,000-14,000	HYD	P	26,001-32,000	HYD
C	10,000-14,000	AIR/HYD	R	32,001-38,000	AIR
D	14,001-16,000	AIR	S	32,001-38,000	HYD
E	14,001-16,000	HYD	T	38,001-46,000	AIR
F	14,001-16,000	AIR/HYD	U	46,001-54,000	AIR
G	16,001-19,500	AIR	V	54,001-62,000	AIR
H	16,001-19,500	HYD	W	62,001-70,000	AIR
J	16,001-19,500	AIR/HYD	X	70,001-OVER	AIR
K	19,501-26,000	AIR			
L	19,501-26,000	HYD			
M	19,501-26,000	AIR/HYD			

ENGINE LINE POSITION NO. 6 & 7			
NUM.	MODEL	NUM.	MODEL
01	CUMMINS B5.9 160HP	36	DDC SERIES 40 300HP
02	CUMMINS B5.9 190HP	37	DDC SERIES 50 350HP
03	CUMMINS B5.9 210HP	38	DDC SERIES 60 350HP
04	CUMMINS B5.9 230HP	39	DDC SERIES 60 370HP
05	CUMMINS B5.9G 195HP	40	DDC SERIES 60 400HP
06	CUMMINS C8.3 210HP	41	DDC SERIES 60 430HP
07	CUMMINS C8.3 250HP	42	DDC SERIES 60 470HP
08	CUMMINS C8.3 275HP	43	DDC SERIES 60 500HP
09	CUMMINS C8.3 300HP	44	HERCULES GTA 3.7 130HP
10	CUMMINS C8.3 325HP	45	HERCULES GTA 5.6 190HP
11	CUMMINS M11 280HP	46	NAVISTAR T444E 175HP
12	CUMMINS M11 320HP	47	NAVISTAR T444E 190HP
13	CUMMINS M11 350HP	48	NAVISTAR T444E 210 LOW TORQUE
14	CUMMINS M11 370HP	49	NAVISTAR T444E 210 HIGH TORQUE
15	CUMMINS M11 400HP	50	NAVISTAR T444E 230HP
16	CUM. M11 CELECT PLUS 400HP	51	NAVISTAR T444E 250HP
17	CUM. M11 CELECT PLUS 450HP	52	NAVISTAR 530E 250HP
18	CUMMINS M11E 320HP	53	NAVISTAR 530E 275HP
19	CUMMINS M11E 350HP	54	NAVISTAR 530E 300HP
20	CUMMINS M11E 360HP	55	NAVISTAR 530E 320HP
21	CUMMINS M11E 370HP	56	NAVISTAR DT466
22	CUMMINS M11E 400HP	57	ENCORE B 275
23	CUMMINS M11E 450HP	58	DETROIT 8V92T 540HP
24	CUMMINS N14E 435HP	59	DDC 6V 350HP
25	CUMMINS N14E 460HP	60	CUMMINS N14E 370HP
26	CAT 3116 210HP	61	DDC SERIES 60 330HP (358)
27	CAT 3116 230HP	62	CUMMINS 158 250HP
28	CAT 3116 250HP	63	CUMMINS B5.9 180HP
29	CAT 3116 275HP	64	VM MOTOR (DDC 638)
30	CAT 3116 300HP	65	CUMMINS 158 230HP
31	CAT 3126 210HP	66	CUMMINS B5.9 175HP
32	CAT 3126 230HP	67	CUMMINS B5.9 215HP
33	CAT 3126 250HP	68	DETROIT 8V92T 585HP
34	CAT 3126 275HP	69	DETROIT 8V92T 710HP
35	CAT 3126 300HP	70	DDC SERIES 40 275HP

CALCULATION OF A CHECK DIGIT POSITION NO. 9

V.I.N. POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
ACTUAL V.I.N.	4	V	Z	F	P	0	2	9	1	V	C	0	2	1	5	7	2
CONVERTED VALUES (SEE TABLE)	4	5	9	6	7	0	2	9	9	5	3	0	2	1	5	7	2
MULTIPLIER	8	7	6	5	4	3	2	10	0	9	8	7	6	5	4	3	2
PRODUCT (VALUES X MULTIPLIER)	32	35	54	30	21	0	4	90	0	45	24	0	12	5	20	21	4
SUM OF PRODUCTS	397																

CONVERTED VALUES

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

CHECK DIGIT COMPUTATION

SUM OF THE PRODUCTS (FROM ABOVE)	DIVIDED BY	EQUALS WHOLE NUMBER	DECEMAL
397	11	36	.0909

CHECK DIGIT

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

1 IS THE DIGIT THAT IS TO BE PLACED IN THE 9TH POSITION OF THE VIN NUMBER

POSITION NO. 4 4VZ-CABLESS MODEL LINE

LET.	MODEL
A	K2
B	MOUNTAIN MASTER
C	HIGHLANDER
D	ALPINE
E	EXP-2001
F	EXP-2001-H SERIES
G	P8-S BUS
H	SCHOOL BUS
J	TOUR BUS
K	TRANSIT BUS
L	SHUTTLE BUS
M	FORWARD CONTROL
N	LOW FLOOR
P	FRONT WHEEL DRIVE
R	SPECIALTY VEHICLE
S	Z2
T	BC
U	AV
V	BV
X	CV
Y	TB
Z	VECTOR 4X4
0	CFR 4X4
1	CFR 6X6
2	CHARGER
3	RANGERMASTER

POSITION NO. 4 4S7-CAB MODEL LINE

LET.	MODEL
A	GLADIATOR
B	DIAMOND SERIES
C	METRO STAR
D	CHARGER
E	BARON
F	SILENT KNIGHT
G	SPECIALTY VEHICLE
H	ADVANTAGE
J	LOW PROFILE
K	GT-ONE
L	KICKER
M	CONCRETE MIXER
N	SWEEPER
P	REFUELER
R	FRONT WHEEL DRIVE

POSITION NO. 8 CAB TYPE

NO.	CAPACITY
1	1 PERSON
2	2 PERSON
3	3 PERSON
4	4 PERSON
5	5 PERSON
6	6 PERSON
7	7 PERSON
8	8 PERSON
9	MULTI-PASS
0	10 PERSON

POSITION NO. 10 MODEL YEAR

YEAR	CODE
1995	S
1996	T
1997	V
1998	W
1999	X
2000	Y
2001	1
2002	2
2003	3
2004	4
2005	5

NOTES:
ANY AMENDMENTS TO THIS INFORMATION SHALL BE SUBMITTED AT LEAST 60 DAYS BEFORE AFFIXING A NEW VEHICLE IDENTIFICATION NUMBER UTILIZING AN AMENDED CODING.

SUBMIT TO: ADMINISTRATOR, NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
110 SEVEN-THREE STREET S.W.
WASHINGTON, D.C. 20590
ATTENTION: VIN COORDINATOR

F2	F2-ADDED CABLESS MODEL 3	F1-ADDED ENGINE LINE 701C2284	24JUL97/N.HARMON
E2	E2-ADDED CABLESS MODEL 1 THRU 2	E1-ADDED ENG. LINE 62 THRU 69	C1890 24APR97/J.WERTZ
D	ADDED CABLESS MODEL OPTION Z2		C1890 11/20/96/BANDREWS
C	ADDED ENGINE OPTION #51		B8501 11/11/96/BANDREWS
B	ADDED ENGINE OPTIONS #58, 59, & 60		C0830 5/22/96/BANDREWS
A2	ADDED LETTER "A" FROM CVM CHART AND RENAMED ACCORDINGLY		
A1	ADDED LETTER "R" - SPECIALTY VEHICLE TO 4VZ CABLESS MODEL LINE		C0748 8/11/96/BANDREWS
	ADDED LETTER "S" - SPECIALTY VEHICLE TO 4VZ CABLESS MODEL LINE		C0652 7/11/96/BANDREWS
	ADDED LETTER "T" - SPECIALTY VEHICLE TO 4VZ CABLESS MODEL LINE		
	ADDED LETTER "U" - SPECIALTY VEHICLE TO 4VZ CABLESS MODEL LINE		
	ADDED LETTER "V" - SPECIALTY VEHICLE TO 4VZ CABLESS MODEL LINE		
	ADDED LETTER "W" - SPECIALTY VEHICLE TO 4VZ CABLESS MODEL LINE		
	ADDED LETTER "X" - SPECIALTY VEHICLE TO 4VZ CABLESS MODEL LINE		
	ADDED LETTER "Y" - SPECIALTY VEHICLE TO 4VZ CABLESS MODEL LINE		
	ADDED LETTER "Z" - SPECIALTY VEHICLE TO 4VZ CABLESS MODEL LINE		



Spartan Motors, Inc.
WORLD WIDE VEHICLES AND CHASSIS
1000 REYNOLDS RD.
CHARLOTTE, MICHIGAN 48813

VEHICLE IDENTIFICATION NUMBER 1997-ZZ1

REV.

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