

01-022-N11B-6703



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SPARTAN
Compliance Engineering Group

98 FEB 18 P12: 00

National Highway Traffic Safety Administration
Safety Performance Standards
400 Seventh Street SW
Washington DC 20590

ORIGINAL

3 P.

Dear Mr. Coleman,

Please note the updates on print #1997-ZZ1 revision J, added engine lines 77-84.

77	DDC Series 40 330 HP
78	Cummins ISC 250 HP
79	Cummins ISC 275 HP
80	Cummins ISC 300 HP
81	Cummins ISC 330 HP
82	Cummins ISC 350 HP
83	Cummins B5.9LPG 195 HP
84	Cummins C8.3G 250 HP

This is to keep you current, if there is any other information that you need please feel free to contact me at (517) 543 - 6400 Ext. 358

Sincerely,

Kelli A. Oberlin

Kelli A. Oberlin
Compliance Group
Spartan Motors, Inc.

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NHTSA DOCKET
98 MAR -3 P1:16

VIN Update
KAO/kao

Page 1 of 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	14,001-18,000	AIR	S	32,001-38,000	HYD
E	14,001-18,000	HYD	T	38,001-46,000	AIR
F	14,001-18,000	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	19,501-23,000	AIR/HYD			

CALCULATION OF A CHECK DIGIT POSITION NO. 9

VIN POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
ACTUAL VIN	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	9	8	7	6	5	4	3	2	1
PRODUCT (VALUES X MULTIPLIER)	32	35	54	30	28	0	4	90	0	45	21	0	10	5	35	14	2
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	WHOLE NUMBER	EQUALS
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	P6-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	8V
X	CV
Y	TB
Z	VECTOR 4X4
0	CFR 4X4
1	CFR 6X6
2	CHARGER
3	RANGEMASTER

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

ENGINE LINE POSITION NO. 6 & 7			
NUM.	MODEL	NUM.	MODEL
01	CUMMINS B5.9 160HP	50	NAVISTAR T444E 230HP
02	CUMMINS B5.9 190HP	51	NAVISTAR T444E 250HP
03	CUMMINS B5.9 210HP	52	NAVISTAR 530E 250HP
04	CUMMINS B5.9 230HP	53	NAVISTAR 530E 275HP
05	CUMMINS B5.9G 195HP	54	NAVISTAR 530E 300HP
06	CUMMINS C8.3 210HP	55	NAVISTAR 530E 320HP
07	CUMMINS C8.3 250HP	56	NAVISTAR DT466
08	CUMMINS C8.3 275HP	57	CUMMINS ISB 275HP
09	CUMMINS C8.3 300HP	58	DETROIT 8V92T 540HP
10	CUMMINS C8.3 325HP	59	DDC 6V 350HP
11	CUMMINS M11 280HP	60	CUMMINS N14E 370HP
12	CUMMINS M11 320HP	61	DDC SERIES 60 330HP (358)
13	CUMMINS M11 350HP	62	CUMMINS ISB 250HP
14	CUMMINS M11 370HP	63	CUMMINS B5.9 180HP
15	CUMMINS M11 400HP	64	VM MOTOR (DDC 638)
16	CUMMINS M11 SELECT PLUS 400HP	65	CUMMINS ISB 230HP
17	CUMMINS M11 SELECT PLUS 450HP	66	CUMMINS B5.9 175HP
18	CUMMINS M11E 320HP	67	CUMMINS B5.9 215HP
19	CUMMINS M11E 350HP	68	DETROIT 8V92T 585HP
20	CUMMINS M11E 360HP	69	DETROIT 8V92T 710HP
21	CUMMINS M11E 370HP	70	DDC SERIES 40 275HP
22	CUMMINS M11E 400HP	71	CUMMINS ISB 210HP
23	CUMMINS M11E 450HP	72	CUMMINS ISB 175HP
24	CUMMINS N14E 435HP	73	CUMMINS ISB 190HP
25	CUMMINS N14E 460HP	74	CUMMINS ISB 185HP
26	CAT 3116 210HP	75	CUMMINS ISB 215HP
27	CAT 3116 230HP	76	CATERPILLAR 3126 190HP
28	CAT 3116 250HP	77	DDC SERIES 40 330HP
29	CAT 3116 275HP	78	CUMMINS ISC 250HP
30	CAT 3116 300HP	79	CUMMINS ISC 275HP
31	CAT 3126 210HP	80	CUMMINS ISC 300HP
32	CAT 3126 230HP	81	CUMMINS ISC 330HP
33	CAT 3126 250HP	82	CUMMINS ISC 350HP
34	CAT 3126 275HP	83	CUMMINS B5.9LPG 195HP
35	CAT 3126 300HP	84	CUMMINS C8.3G 250HP
36	DDC SERIES 40 300HP	85	
37	DDC SERIES 50 350HP	86	
38	DDC SERIES 60 350HP	87	
39	DDC SERIES 60 370HP	88	
40	DDC SERIES 60 400HP	89	
41	DDC SERIES 60 430HP	90	
42	DDC SERIES 60 470HP	91	
43	DDC SERIES 60 500HP	92	
44	HERCULES GTA 3.7 130HP	93	
45	HERCULES GTA 5.6 190HP	94	
46	NAVISTAR T444E 175HP	95	
47	NAVISTAR T444E 190HP	96	
48	NAVISTAR T444E 210 LOW TORQUE	97	
49	NAVISTAR T444E 210 HIGH TORQUE	98	

NOTES:

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

SUBMIT TO: ADMINISTRATOR, NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
400 SEVENTH STREET S.W.
WASHINGTON, D.C. 20590
ATTENTION: VIN COORDINATOR



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

TITLE:

VEHICLE IDENTIFICATION NUMBER

DRAWING NUMBER:

1997-ZZ1

J	ADDED ENGINE LINES 77-84	C2947/24JAN98/J. WERTZ
H	ADDED CAT 3126 190HP TO ENGINE LINE 76	E0279/200CT97/J. WERTZ
	G3.CUMMINS ISB 275HP WAS ENCORE B 275	
	G2.RANGEMASTER WAS RANGEMASTER	
G3	G1-ADDED 71-75 ON ENGINE LINE POSITION NO. 6&7	E0154 8/5/97 H.SOMMER
F2	F2-ADDED CABLESS MODEL 3 F1-ADDED ENGINE LINE 70	C2264/24JUL97/H.WARMON
E2	E2-ADDED CABLESS MODEL 1 THRU 2 E1-ADDED ENG LINE 62 THRU 69	C1890/24APR97/J.WERTZ
D	ADDED CABLESS MODEL OPTION 22	C1190/11/20/96/BANDREWS
C	ADDED ENGINE OPTION #61	B8501/11/11/96/BANDREWS
B	ADDED ENGINE OPTIONS #58, 59, & 60	C0830/8/22/96/BANDREWS
A2	A2 REMOVED LETTER "Y" FROM CHNR CHART AND RENAMED ACCORDINGLY	
A1	A1 ADDED LETTER R - SPECIALTY VEHICLE TO 4VZ CABLESS MODEL LINE	C0748 8/1/96/BANDREWS
---	INITIAL RELEASE	C0652 7/1/96/BANDREWS
LET	REVISION	E.C. DATE BY