ORG6891

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SPARTAN CHASSIS, INC.

VIN SYSTEM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
4	V	Z	A	U	1	B	9	2	3	C	0	3	9	5	7	2

Pos#17: C = Charlotte MI

Pos#12-17: Sales Order No.

Pos# 1,2,3

WORLD Mfg ID	
4VZ	CABLESS
4S7	CAB

Pos# 4

4VZ - CABLESS MODEL LINE	
A	K2
B	MOUNTAIN MASTER (MM)
D	SUMMIT (SU) / NVS
F	Transit Bus
J	Bus - School
K	SPECIALTY VEHICLE
V	K3
Y	MILITARY

4S7 - CAB MODEL LINE	
A	GLADIATOR
C	METRO STAR
G	SPECIALTY VEHICLE
T	FURION - RT
U	METRO STAR - RT
X	FURION
Y	WORK TRUCK

Pos# 5

GVWR / BRAKE SYSTEM		
A	10000 - 14000	AIR
B	10000 - 14000	HYD
D	14001 - 16000	AIR
E	14001 - 16000	HYD
G	16001 - 19500	AIR
H	16001 - 19500	HYD
K	19501 - 26000	AIR
L	19501 - 26000	HYD
N	26001 - 32000	AIR
P	26001 - 32000	HYD
R	32001 - 38000	AIR
S	32001 - 38000	HYD
T	38001 - 46000	AIR
U	46001 - 54000	AIR
V	54001 - 62000	AIR
W	62001 - 70000	AIR
X	70001 - OVER	AIR

Pos#6

ENGINE LOCATION	
1	REAR
2	FRONT
3	MID

Pos#7

ENG SERIES			
A	CUMMINS	ISB	DIESEL
B	CUMMINS	ISC	DIESEL
C	CUMMINS	ISM	DIESEL
D	CUMMINS	ISL	DIESEL
E	CUMMINS	ISX	DIESEL
F	DETROIT DIESEL	SERIES 60	DIESEL
J	CATERPILLAR	C9	DIESEL
M	CATERPILLAR	C7	DIESEL
P	CATERPILLAR	C13	DIESEL
R	NAVISTAR	MAXXFORCE 7	DIESEL
S	NAVISTAR	MAXXFORCE 9	DIESEL
T	NAVISTAR	MAXXFORCE DT	DIESEL
U	NAVISTAR	MAXXFORCE 10	DIESEL
V	NAVISTAR	MAXXFORCE 11	DIESEL
W	NAVISTAR	MAXXFORCE 13	DIESEL
X	CATERPILLAR	C18	DIESEL
Y	CUMMINS	QSB	DIESEL

Pos# 8

CAB TYPE	
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

Pos#10

MODEL YEAR		MODEL YEAR		MODEL YEAR	
9	2009	N	2022	5	2035
A	2010	P	2023	6	2036
B	2011	R	2024	7	2037
C	2012	S	2025	8	2038
D	2013	T	2026	9	2039
E	2014	V	2027		
F	2015	W	2028		
G	2016	X	2029		
H	2017	Y	2030		
J	2018	1	2031		
K	2019	2	2032		
L	2020	3	2033		
M	2021	4	2034		

!IST MUST BE NOTIFIED TO UPDATE AS400!
WHEN CHANGES ARE MADE TO THIS DOCUMENT

VIN Check Digit Calculation Diagram

Pos# 9 [Check Digit]

Calculation of a Check Digit

VIN Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Actual VIN	4	V	Z	A	U	1	B	9	*	3	C	0	3	9	5	7	2	
Conversion Value	4	5	8	1	4	1	2	9	*	3	3	0	3	9	5	7	2	
Multiplier	8	7	6	5	4	3	2	10	0	9	8	7	6	5	4	3	2	
Converted Values x Multiplier	32	35	54	5	16	3	4	90	0	27	24	0	18	45	20	21	4	398

Conversion Tbl	
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 Calculated Calculated Value	Divided By	Equals	
		Whole#	Decimal
398	11	36	0.18

* = Check Digit	
If the Decimal is	The Check Digit is
0.09	1
0.18	2
0.27	3
0.36	4
0.45	5
0.54	6
0.63	7
0.72	8
0.81	9
0.90	X
0.00	0

Note:
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
1200 New Jersey Avenue, SE
Washington D.C. 20590
Attention: VIN Coordinator

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