



CRANE CARRIER COMPANY

Date: 1 July 2019

Administrator
National Highway Traffic Safety Administration
1200 New Jersey Avenue SE W43-488
Washington, DC 20590
Attention: VIN Coordinator

RE: Vehicle Identification Number Deciphering Information

In Accordance with 49 CFR Part 565, *Vehicle Identification Number Requirements*, Crane Carrier Company LLC (CCC) is submitting information necessary to decipher the characters in its Vehicle Identification Numbers. Please see the attachments.

CCC is a low volume manufacturer assigned the following WMI's:

4C9/540	Incomplete Vehicles - Truck
4C9/541	Truck, Complete
4C9/542	Trailer

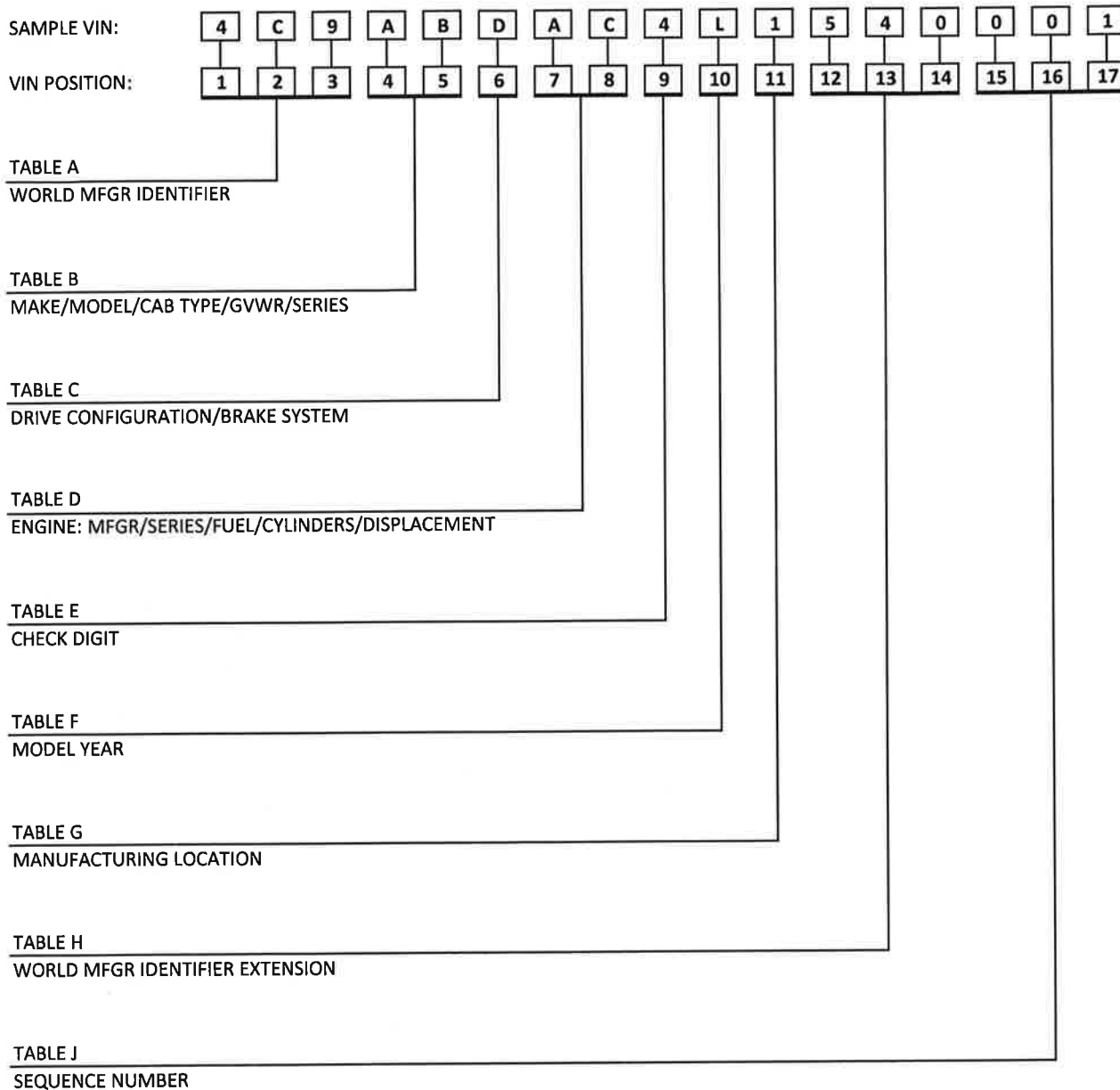
Regards,

Mark D. Ward
Engineering Manager
Crane Carrier Co. LLC
1951 Reiser Ave. SE
New Philadelphia, OH 44663

Attachments: 305-0308
305-0309



CRANE CARRIER COMPANY
VIN IDENTIFIER CODE
2020 AND HIGHER MODEL YEARS; TRUCKS



**CRANE CARRIER COMPANY
VIN IDENTIFIER CODE
2020 AND HIGHER MODEL YEARS; TRUCKS**



TABLE A - DIGIT 1,2,3

VEHICLE TYPE	WORLD MANUFACTURER IDENTIFIER					
	CODE					
	2020	2021	2022	2023	2024	2025
TRUCK	4C9					

TABLE B - DIGIT 4,5

MAKE/MODEL/CAB TYPE/GVWR/SERIES										
MAKE	MODEL	CAB TYPE ¹	GVWR ²	SERIES ³	CODE					
					2020	2021	2022	2023	2024	2025
CCC	LET2	LCF	CLASS 8	C FRAME	AA					
CCC	LET2CC	LCF	CLASS 8	C FRAME	AB					
CCC	LDT2	LCF	CLASS 8	C FRAME	AC					
CCC	LDT2CC	LCF	CLASS 8	C FRAME	AD					
CCC	COE2	COE	CLASS 8	C FRAME	AE					
CCC	COE2	COE	CLASS 8	W FRAME	AF					
CCC	COE3	COE	CLASS 6	C FRAME	AG					
CCC	COE3	COE	CLASS 7	C FRAME	AH					
CCC	COE3	COE	CLASS 8	C FRAME	AJ					
CCC	DR	CBE	CLASS 8	W FRAME	AK					
CCC	DR	CFE	CLASS 8	W FRAME	AL					
CCC	WS	CFE	CLASS 8	W FRAME	AM					
CCC	WS	CBE	CLASS 8	W FRAME	AN					
CCC	AG	CFE	CLASS 8	C FRAME	AP					
CCC	C3100	CBE	CLASS 8	W FRAME	1A					
CCC	C3100	CBE	CLASS 8	T FRAME	1B					
CCC	C3100	CFE	CLASS 8	W FRAME	1C					
CCC	KF3200C	CFE	CLASS 8	C FRAME	1D					
CCC	C3300	CFE	CLASS 8	C FRAME	1E					
CCC	C6000	CFE	CLASS 8	C FRAME	1F					

TABLE C - DIGIT 6

DRIVE CONFIGURATION / BRAKE SYSTEM							
CHASSIS	BRAKES	CODE					
		2020	2021	2022	2023	2024	2025
4 X 2	AIR	A					
4 X 4	AIR	B					
6 X 2	AIR	C					
6 X 4	AIR	D					
6 X 6	AIR	E					
8 X 2	AIR	F					
8 X 4	AIR	G					
8 X 6	AIR	H					
8 X 8	AIR	J					
10 X 4	AIR	K					
10 X 6	AIR	L					
10 X 8	AIR	M					
12 X 4	AIR	N					
12 X 6	AIR	P					
12 X 8	AIR	R					
14 X 4	AIR	S					
14 X 6	AIR	T					
14 X 8	AIR	U					
GLIDER	AIR	Z					
OTHER	AIR	9					

**CRANE CARRIER COMPANY
VIN IDENTIFIER CODE
2020 AND HIGHER MODEL YEARS; TRUCKS**



TABLE D - DIGIT 7,8

MFR	SERIES	FUEL	CYLINDERS	DISPLACEMENT	ENGINE CODE					
					2020	2021	2022	2023	2024	2025
CUMMINS	B6.7	DIESEL	6	6.7L	AA					
CUMMINS	B6.7N	NG	6	6.7L	AH					
CUMMINS	L9	DIESEL	6	8.9L	AC					
CUMMINS	L9N/ISL G	NG	6	8.9L	AD					
CUMMINS	X12	DIESEL	6	11.8L	AJ					
CUMMINS	ISX 12	DIESEL	6	11.9L	AE					
CUMMINS	ISX12N ISX 12 G	NG	6	11.9L	AF					
CUMMINS	X15	DIESEL	6	14.9L	AK					
CUMMINS	QSB6.7 T4F	DIESEL	6	6.7L	BA					
CUMMINS	QSL9 T4F	DIESEL	6	8.9L	BB					
CUMMINS	X12 T4F	DIESEL	6	11.8L	BF					
CUMMINS	QSG12 T4F	DIESEL	6	11.9L	BG					
CUMMINS	QSX15 T4F	DIESEL	6	14.9L	BD					
CAT	C7.1 T4F	DIESEL	6	7.1L	CE					
CAT	C9.3 T4F	DIESEL	6	9.3L	CA					
CAT	C13 T4F	DIESEL	6	12.5L	CB					
CAT	C15 T4F	DIESEL	6	15.2L	CC					
CAT	C18 T4F	DIESEL	6	18.1L	CD					
MTU	6R 1100 T4F	DIESEL	6	10.6L	EC					
MTU	6R 1300 T4F	DIESEL	6	12.8L	EA					
MTU	6R 1500 T4F	DIESEL	6	15.6L	EB					
VOLVO	TAD5 T4F	DIESEL	4	5.1L	FA					
VOLVO	TAD8 T4F	DIESEL	6	7.7L	FB					
OTHER	-	-	-	-	ZY					
NO ENG	-	-	-	-	ZZ					

TABLE E - DIGIT 9

CALCULATED VALUE	CHECK DIGIT CODE					
	2020	2021	2022	2023	2024	2025
PER 49 CFR 565.15 (c) (1-4)	=	=	=	=	=	=

TABLE F - DIGIT 10

MANUFACTURE DATE	MODEL YEAR CODE					
	2020	2021	2022	2023	2024	2025
DATE	L	M	N	P	R	S

TABLE G - DIGIT 11

PLANT	MANUFACTURING LOCATION CODE					
	2020	2021	2022	2023	2024	2025
NEW PHILADELPHIA, OH, USA	1					
TULSA, OK, USA	2					

TABLE H - DIGIT 12,13,14

VEHICLE TYPE	WORLD MANUFACTURER IDENTIFIER EXTENSION CODE					
	2020	2021	2022	2023	2024	2025
INCOMPLETE TRUCK	540					
COMPLETE TRUCK	541					

TABLE J - DIGIT 15,16,17

ASSIGNED PRODUCTION NUMBER (MUST BE NUMERIC VALUE)	SEQUENCE NUMBER CODE					
	2020	2021	2022	2023	2024	2025
AS ASSIGNED	000-999					

**CRANE CARRIER COMPANY
VIN IDENTIFIER CODE
2020 AND HIGHER MODEL YEARS; TRUCKS**



¹ CAB TYPE:	COE	=	CAB OVER ENGINE
	CBE	=	CAB BESIDE ENGINE
	CFE	=	CAB FORWARD OF ENGINE
	LCF	=	LOW CAB FORWARD OF ENGINE
² GVWR:	CLASS 3	=	10,001 LBS - 14,000 LBS
	CLASS 4	=	14,001 LBS - 16,000 LBS
	CLASS 5	=	16,001 LBS - 19,500 LBS
	CLASS 6	=	19,501 LBS - 26,000 LBS
	CLASS 7	=	26,001 LBS - 33,000 LBS
	CLASS 8	=	33,001 LBS & GREATER
³ SERIES:	C FRAME	=	C-CHANNEL FRAME CONSTRUCTION
	W FRAME	=	WELDED OR STRUCTURAL BEAM FRAME CONSTRUCTION
	T FRAME	=	WELDED TORQUE BOX FRAME CONSTRUCTION

REVISION RECORD:

REVISION:	ECN:	DATE:	ISSUED BY:	NOTE:
-	19-0079	12-Apr-19	WARD	ORIGINAL RELEASE: NEW CCC WMI NUMBER & VIN CODE IDENTIFIER.

CRANE CARRIER COMPANY
VIN IDENTIFIER CODE
2020 AND HIGHER MODEL YEARS; TRAILERS



CRANE CARRIER COMPANY

SAMPLE VIN:	4	C	9	K	K	H	W	2	7	L	1	5	4	2	0	0	1
VIN POSITION:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
TABLE A WORLD MFGR IDENTIFIER																	
TABLE B MAKE																	
TABLE C TRAILER TYPE																	
TABLE D BODY TYPE																	
TABLE E OVERALL LENGTH																	
TABLE F AXLE CONFIGURATION																	
TABLE G CHECK DIGIT																	
TABLE H MODEL YEAR																	
TABLE J MANUFACTURING LOCATION																	
TABLE K WORLD MFGR IDENTIFIER																	
TABLE L SEQUENCE NUMBER																	

**CRANE CARRIER COMPANY
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2020 AND HIGHER MODEL YEARS; TRAILERS**



TABLE A - DIGIT 1,2,3

WORLD MANUFACTURER IDENTIFIER						
VEHICLE TYPE	CODE					
	2020	2021	2022	2023	2024	2025
TRAILER	4C9					

TABLE B - DIGIT 4

MAKE						
MAKE	CODE					
	2020	2021	2022	2023	2024	2025
CCC	C					

TABLE C - DIGIT 5

TRAILER TYPE						
TYPE	CODE					
	2020	2021	2022	2023	2024	2025
BALL HITCH	B					
PINTLE HITCH	P					
KINGPIN	K					
HITCH PIN	H					
GOOSENECK	G					
OTHER	Z					

TABLE D - DIGIT 6

BODY TYPE						
BODY TYPE	CODE					
	2020	2021	2022	2023	2024	2025
FLAT BED	A					
DROP DECK, SGL	B					
DROP DECK, DBL	C					
DROP DECK, DBL, DETACHABLE	D					
FRAC TANK	E					
BOOSTER	F					
ARTICULATED	G					
PIPE HANDLER	H					
SPECIALTY	Z					

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TABLE E - DIGIT 7

LENGTH	OVERALL LENGTH					
	CODE					
	2020	2021	2022	2023	2024	2025
< 18'	A					
18' - <20'	B					
20' - <22'	C					
22' - <24'	D					
24' - <26'	E					
26' - <28'	F					
28' - <30'	G					
30' - <32'	H					
32' - <34'	J					
34' - <36'	K					
36' - <38'	L					
38' - <40'	M					
40' - <42'	N					
42' - <44'	P					
44' - <46'	R					
46' - <48'	S					
48' - <50'	T					
50' - <52'	U					
52' - <54'	V					
54' - <56'	W					
56' - <58'	X					
58' - <60'	Y					
60'+	Z					

TABLE F - DIGIT 8

NUMBER OF AXLES	AXLE CONFIGURATION					
	CODE					
	2020	2021	2022	2023	2024	2025
1	1					
2	2					
3	3					
4	4					
5	5					
6	6					

TABLE G - DIGIT 9

CALCULATED VALUE	CHECK DIGIT					
	CODE					
	2020	2021	2022	2023	2024	2025
PER 49 CFR 565.15 (c) (1-4)	=	=	=	=	=	=

TABLE H - DIGIT 10

MANUFACTURE DATE	MODEL YEAR					
	CODE					
	2020	2021	2022	2023	2024	2025
DATE	L	M	N	P	R	S

TABLE J - DIGIT 11

PHYSICAL ADDRESS	MANUFACTURING LOCATION					
	CODE					
	2020	2021	2022	2023	2024	2025
NEW PHILADELPHIA, OH, USA	1					
TULSA, OK, USA	2					

CRANE CARRIER COMPANY

WORLD MANUFACTURER IDENTIFIER						
VEHICLE TYPE	CODE					
	2020	2021	2022	2023	2024	2025
TRAILER	542					

SEQUENCE NUMBER						
ASSIGNED PRODUCTION NUMBER (MUST BE NUMERIC VALUE)	CODE					
	2020	2021	2022	2023	2024	2025
AS ASSIGNED	=	=	=	=	=	=

[illegible]