

Revision Date 30-Mar-22		MOTOR COACH INDUSTRIES (MCI) - VIN METHODOLOGY as per 49 CFR PART 565 - VEHICLE IDENTIFICATION NUMBER (VIN) REQUIREMENTS			
VIN Position	Digit Designation	Description	Status	Notes	Latest Revised Items / Date
1		Destination City of Origin			
	1	American Consumer	Active	2008 MY Onward	2008
	2	Canadian Consumer	Active	2008 MY Onward	2008
2 / 3		Assigned Manufacturer Identifier			
	M8	MCI-US	By Regulation	By Regulation	By Regulation
	MG	MCI-CAN.	By Regulation	By Regulation	By Regulation
4		Propulsion Type			
	B	Battery Electric	Active	2021 MY Onward	2021
	C	Compressed Natural Gas	Active	2021 MY Onward	2021
	D	Diesel	Active	2021 MY Onward	2021
	H	Diesel / Electric Hybrid	Active	Was D4020 up to 2020 MY	2021
	1	102D3 ISTV/D4000ISTV	Inactive	Up to 2020 MY	2020
	3	J4500	Inactive	Up to 2020 MY	2020
	5	D4005	Inactive	Up to 2020 MY	2020
	6	D4505	Inactive	Up to 2020 MY	2020
	G	D4520	Inactive	Up to 2020 MY	2020
	K	J3500	Inactive	Up to 2020 MY	2020
	L	J4500e	Inactive	Up to 2020 MY	2020
	N	D4020 ISTV	Inactive	Up to 2020 MY	2020
	P	102DL3/D4500	Inactive	Up to 2020 MY	2020
	R	D45 CRT LR	Inactive	Up to 2020 MY	2020
	S	102D3/D4000	Inactive	Up to 2020 MY	2020
T	102EL3/E4500	Inactive	Up to 2020 MY	2020	
W	D45 CRTe LE	Inactive	Up to 2020 MY	2020	
X	D45 CRT	Inactive	Up to 2020 MY	2020	
Z	D45 CRT LE	Inactive	Up to 2020 MY	2020	
5		Series			
	1	J3500 & J4500	Active	2021 MY Onward	2021
	2	D4000 & D4500	Active	2021 MY Onward	2021
	3	D4000 ISTV (Inmate Security Transportation Vehicle)	Active	2021 MY Onward	2021
	4	D40CRTLE & D45CRTLE (Low Entry - WC Access)	Active	2021 MY Onward	2021
	5	D4020 & D4520	Active	2021 MY Onward	2021
	6	D4020 ISTV (Inmate Security Transportation Vehicle)	Active	2021 MY Onward	2021
	7	D4005 & D4505	Active	2021 MY Onward	2021
	D	MCI (ALL OTHER MODELS)	Inactive	Up to 2020 MY	2020
	J	J SERIES	Inactive	Up to 2020 MY	2020
R	E SERIES	Inactive	Up to 2020 MY	2020	
6		Body Type			
	I,O,Q,X,Z	Alpha characters not used	N/A		N/A
	F	40 Foot Motor Coach - Flat front - Rear engine	Active	2021 MY Onward	2021
	K	35 Foot Motor Coach - Flat front - Rear engine	Active	2021 MY Onward	2021
	W	45 Foot Motor Coach - Flat front - Rear engine	Active	2021 MY Onward	2021
	M	Passenger	Inactive	Up to 2020 MY	2020
P	Incomplete	Inactive	Up to 2020 MY	2020	
7		Engine Type			
	I,O,Q	Alpha characters not used	N/A	By Regulation	N/A
	2	CUMMINS, ISL 8.9L & 9L HYBRID/ELECT,330 HP, 6 CYLS,DIESEL	Active	2021 MY Onward	2021
	3	CUMMINS, ISX12 G 400 HP, 6 CYLS, 11.9 L, CNG	Active	2015 MY Onward	2015
	4	CUMMINS, ISL 8.9L & 9L 380 HP, 6 CYLS, DIESEL	Active	2021 MY Onward	2021
	5	CUMMINS, ISX 11.9L & 12L, 385/ 425 HP, 6 CYLS, DIESEL	Active	2021 MY Onward	2021
	6	CUMMINS ISL-G 8.9L & 9L 320 HP, 6 CYLS-CNG	Active	2021 MY Onward	2021
	8	DETROIT DIESEL, DD13 12.7L 410/450 HP,6 CYLS, DIESEL	Active	2010 MY Onward	2010
	9	CUMMINS-X12 410/455 HP, 6 CYLS, 11.8 L, DIESEL	Active	2021 MY Onward	2021
	E	CUMMINS-L9 350 HP, 6CYLS, 8.9 L,6 CYLS,DIESEL	Active	2021 MY Onward	2021
	F	CUMMINS-ISX12N 400 HP, 6 CYLS, 11.9 L,CNG	Active	2021 MY Onward	2021
	H	SIEMENS PEM 750 V, 320 KW MOTOR	Active	2021 MYOnward	2021
	A	CUMMINS, ISL 8.9L & 9L 380 HP, 6 CYLS, DIESEL	Inactive	2010 MY to 2013 MY	2020
	B	CUMMINS, ISX 11.9L & 12L, 385/ 425 HP, 6 CYLS, DIESEL	Inactive	Up to 2020 MY	2020
	L	CUMMINS ISL-G 8.9L & 9L 320 HP, 6 CYLS-CNG	Inactive	Up to 2020 MY	2020
	N	CUMMINS-X12 410/455 HP, 6 CYLS, 11.8 L, DIESEL	Inactive	Up to 2020 MY	2020
U	CUMMINS, ISL 8.9L & 9L HYBRID/ELECT,330 HP, 6 CYLS,DIESEL	Inactive	Up to 2020 MY	2020	
X	CUMMINS-L9 350 HP, 6CYLS, 8.9 L,6 CYLS,DIESEL	Inactive	Up to 2020 MY	2020	
Y	CUMMINS-ISX12N 400 HP, 6 CYLS, 11.9 L,CNG	Inactive	2018 MY to 2020 MY	2020	
Z	SIEMENS PEM 750 V, 320 KW MOTOR	Inactive	Up to 2020 MY	2020	
8		Brake System			
	0	Optional Spring Brake Release Not Provided	Active	2021 MY Onward	2021
	1	Optional Spring Brake Release Provided	Active	2021 MY Onward	2021
	A	Air	Inactive	Up to 2020 MY	

VIN Position	Digit Designation	Description	Status	Notes	Latest Revised Items / Date
9	0-9 or X	Check Digit (auto generated)	By Regulation	By Regulation	By Regulation
10		Model Year (MY)			
	A,I,O,Q,U,Z	Alpha characters not used	By Regulation	By Regulation	By Regulation
	M	2021	By Regulation	By Regulation	By Regulation
	N	2022	By Regulation	By Regulation	By Regulation
	P	2023	By Regulation	By Regulation	By Regulation
	R	2024	By Regulation	By Regulation	By Regulation
	S	2025	By Regulation	By Regulation	By Regulation
	T	2026	By Regulation	By Regulation	By Regulation
	V	2027	By Regulation	By Regulation	By Regulation
	W	2028	By Regulation	By Regulation	By Regulation
	X	2029	By Regulation	By Regulation	By Regulation
	Y	2030	By Regulation	By Regulation	By Regulation
	Numeric 1 thru 9	2031 thru 2039	By Regulation	By Regulation	By Regulation
	A	2040	By Regulation	By Regulation	By Regulation
	B	2041	By Regulation	By Regulation	By Regulation
	C	2042	By Regulation	By Regulation	By Regulation
	D	2043	By Regulation	By Regulation	By Regulation
	E	2044	By Regulation	By Regulation	By Regulation
	F	2045	By Regulation	By Regulation	By Regulation
	G	2046	By Regulation	By Regulation	By Regulation
	H	2047	By Regulation	By Regulation	By Regulation
	J	2048	By Regulation	By Regulation	By Regulation
	K	2049	By Regulation	By Regulation	By Regulation
	L	2050	By Regulation	By Regulation	By Regulation
11		Final Assembly Location			
	C	Crookston, MN	Active		2021
	P	Pembina, ND	Active		2021
	W	Winnipeg, MB	Active		2021
12	Numeric 0-9	Build Sequence Number	Active		
13	Numeric 0-9	Build Sequence Number	Active		
14	Numeric 0-9	Build Sequence Number	Active		
15	Numeric 0-9	Build Sequence Number	Active		
16	Numeric 0-9	Build Sequence Number	Active		
17	Numeric 0-9	Build Sequence Number	Active		

FOR VEHICLES BUILT IN 2020 AND EARLIER, REFER TO FOLLOWING PAGE FOR HISTORIC VIN DECODING

HISTORIC MCI COACH - VIN DECODER LIST

NOTE: Only for Production Years up to and including 2020.

17 DIGIT VIN EXAMPLE:																	
POSITIONS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	MFG. COMPANY			MODEL DESIGNATOR								COACH UNIT NUMBER					
AFTER SEPT 1/08	1M8	MCI-US															
PRIOR TO SEPT 1/08	2MG	MCI-CAN.															
	2M9	MCI-CAN.															
	3BM	MCI-MEX.															
	1TU	TMC-US															
	2TU	TMC-CAN.															
	CURRENT up to 2020																
1	102D3	ISTV/D4000ISTV	CURRENT		SERIES		TYPE OF COACH										
3		J4500	CURRENT		CURRENT up to 2020		CURRENT up to 2020										
5		D4005	CURRENT		D	MCI (ALL OTHER MODELS EXCLUDING THOSE BELOW)	M	PASSENGER									
6		D4505	CURRENT		R	E SERIES	P	INCOMPLETE									
P		102DL3/D4500	CURRENT		J	J SERIES	H	PASSENGER - TMC									
S		102D9/D4000	CURRENT														
T		102EL3/E4500	CURRENT														
Z		D45 CRT LE	CURRENT		C	CRUSADER II (MC-9, TRANSIT, MC-12)											
X		D45 CRT	CURRENT		S	G SERIES											
W		D45 CRT LE	CURRENT		A	F SERIES											
R		D45 CRT LR	CURRENT		H	CRUSADER II TMC											
N		D4020 ISTV	CURRENT														
L		J4500e	CURRENT														
K		J3500	CURRENT														
G		D4520	CURRENT														
H		D4020	CURRENT														
D		96A3															
E		102A2 - TMC															
F		102A3															
G		102C3															
H		102B3															
K		F SHELL 35/F3500															
L		96B3															
M		102B3															
N		102BP3															
R		MC-12															
W		64100															
X		G4500															
Z		F SHELL 41/F4100															

The Identifier for position 4 will have a model name change effective as shown below:

102DL3 is now designated as D4500.	Oct. 25, 2000
102D3 is now designated as D4000.	Oct. 25, 2000
102EL3 is now designated as E4500.	Oct. 19, 2000

MODEL	PUBLIC SECTOR DESCRIPTION
D45 CRT LE	NEW OFFERING, 45R COMMUTER COACH RAPID TRANSIT WITH LOW ENTRY, SECOND DOOR AND WHEELCHAIR RAMP
D45 CRT	45 R COMMUTER COACH RAPID TRANSIT OFFERED WITH AND WITHOUT WHEELCHAIR LIFT. REPLACES CURRENT D4500 COMMUTER COACH
D45 CRT LE	NEW OFFERING, 45R COMMUTER COACH RAPID TRANSIT WITH LOW ENTRY, SECOND DOOR AND ELECTRIC PROPULSION
D45 CRT LR	45 ft COMMUTER COACH RAPID TRANSIT WITH LOW ROOF AND WHEELCHAIR LIFT
D40 CRT	40 ft COACH RAPID TRANSIT WITH AND WITHOUT WHEELCHAIR LIFT. REPLACES CURRENT D4000 & D4005 COACHES
D4020 ISTV	40FT INMATE SECURITY TRANSPORTATION VEHICLE
MODEL	PRIVATE SECTOR DESCRIPTION
J4500e	NEW OFFERING, BASED ON J-COACH STYLING WITH ELECTRIC PROPULSION. OFFERED WITH AND WITHOUT WHEELCHAIR LIFT
J3500	NEW OFFERING, BASED ON J-COACH STYLING BUT A TWO AXLE COACH AND 35 FT. IN LENGTH. OFFERED WITH AND WITHOUT WHEELCHAIR LIFT
D4520	45FT, PRIVATE SECTOR WITH AND WITHOUT WHEELCHAIR LIFT
D4020	40FT, PRIVATE SECTOR WITH AND WITHOUT WHEELCHAIR LIFT

TYPE OF ENGINE	YR DESIGNATE	CURRENT up to 2020
3 2015, 2016, 2017 CUMMINS ISX12 G 400 HP, 6 CYLS, 11.9 L, CNG	F	2015
4 2010, 2013, 2016 & 2017 DETROIT DIESEL DD13 12.7L 410/450 HP, 6 CYLS, DIESEL	G	2016
5 2010, 2013 & 2015 CUMMINS ISL 8.9L & 9L 300 HP, 6 CYLS, DIESEL	H	2017
6 2010, 2013, 2015, 2016 & 2017 CUMMINS ISL 11.9L & 13L 350-425 HP, 6 CYLS, DIESEL	J	2018
7 2010 & 2013 CUMMINS ISL-G 8.9L & 9L 320 HP, 6 CYLS-CNG	K	2019
8 2017 CUMMINS-X12 410/455 HP, 6 CYLS, 11.8 L, DIESEL	L	2020
9 2017 CUMMINS-L9 350 HP, 6CYLS, 8.9 L, 6 CYLS, DIESEL		
10 2018 CUMMINS-ISX12N 400 HP, 6 CYLS, 11.9 L, CNG		
11 2018 SIEMENS PEM 750 V, 320 KW MOTOR		
12 2018, 2013 & 2015 CUMMINS ISL 8.9L & 9L HYBRIDELECT, 330 HP, 6 CYLS, DIESEL		
HISTORIC		
1 DETROIT DDEC S60 350/370 HP, 6 CYLS, 12.7L, DIESEL	A	1980
2 CUMMINS ISC 8.3L 285 HP, 6 CYLS, DIESEL	B	1981
3 DETROIT DDEC S40 8.7 L 275 HP, 6 CYLS, DIESEL	C	1982
4 CUMMINS ISM 10.8L 400 HP, 6 CYLS, DIESEL	D	1983
5 CUMMINS ISL 8.9L 330 HP, 6 CYLS, DIESEL	E	1984
6 CUMMINS ISL 8.9L 400 HP, 6 CYLS, DIESEL	F	1985
7 DETROIT DDEC 6V92 300/330 HP, 6 CYLS, 9L, DIESEL	G	1986
8 DETROIT DDEC 6V92TA 370/400 HP, 8 CYLS, 12.07 L, DIESEL	H	1987
9 CATERPILLAR C-13 335/355 HP 12.5L, 6 CYLS, DIESEL	I	1988
10 CATERPILLAR C-13 335/355 HP 12.5L, 6 CYLS, DIESEL	J	1989
11 CUMMINS ISM 410 HP, 6 CYLS, DIESEL	K	1990
12 CATERPILLAR C13 410 HP, 6 CYLS, DIESEL	L	1991
13 CUMMINS ISL 330 HP - HYBRIDELECT, DIESEL	M	1991
14 DETROIT DDEC S60 425/435/445 HP, 12.7 L, 6 CYLS, DIESEL	N	1992
15 CATERPILLAR C13 12.7L 380 HP, 6 CYLS, DIESEL	P	1993
16 CUMMINS ISM 450 HP, 6 CYLS, DIESEL	Q	1993
17 DETROIT DDEC 6V92TA 450/475/500 HP, 8 CYLS, DIESEL	R	1994
18 CUMMINS LTA 10L 300 HP, DIESEL		
19 CATERPILLAR 3176 10.3L 325/350 HP, 6 CYLS, DIESEL		
20 CUMMINS ISX 15L 450 HP, 6 CYLS, DIESEL		
21 DETROIT DDEC S60 370 370 HP 12.7L, 6 CYLS, DIESEL		
22 CUMMINS M-11 370 HP 11.0L, DIESEL		
23 DETROIT DDEC S60 330/350/365 HP 11.1L, 6 CYLS, DIESEL		
24 DETROIT DDEC S50 315 HP 8.5L, 4 CYLS, DIESEL		
25 CATERPILLAR C-10 350/370 HP, 10.3L, DIESEL		
26 CATERPILLAR C12 410 HP 11.9L, DIESEL		
27 CUMMINS M-11 410 HP 10.8L, 6 CYLS, DIESEL		
28 DETROIT DDEC S60 470/500 HP 12.7L, 6 CYLS, DIESEL		
29 DETROIT DDEC S60 370 HP, 6 CYLS CNG		