

Revision Date 18-Jun-21		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	D40CRT & D45CRT	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
	8	D45CRTLE (Low Entry - WC Access)	Active	2022 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	M	8	P	D	M	L	A	9	10	P			0	5	14	6	0	9		
				1	2	3	4	5	6	7	8	9	10	11			12 13 14 15 16 17							
				MFG. COMPANY				MODEL DESIGNATOR											COACH UNIT NUMBER					
				1M8	MCI-US																			
AFTER SEPT 1/08				2M9	MCI-CAN.																			
PRIOR TO SEPT 1/08				2M9*	MCI-CAN.																			
				3B8	MCI-MEX.																			
				1TU	TMC-US																			
				2TU	TMC-CAN.																			
CURRENT up to 2020								SERIES		TYPE OF COACH		BRAKES TYPE				YR DESIGNATE		CURRENT up to 2020						
1	102D3 ISTVD4000ISTV			CURRENT		CURRENT up to 2020		CURRENT up to 2020		A				AIR		A	2010	W	WINNIPEG					
3	J4500			CURRENT		MCI (ALL OTHER MODELS EXCLUDING THOSE BELOW)		M PASSENGER								B	2011	P	PEMBINA					
5	D4005			CURRENT		D		P INCOMPLETE								C	2012	HISTORIC						
6	D4505			CURRENT		R		E SERIES								D	2013	R	ROSWELL					
P	102DL3/D4500			CURRENT		J		HISTORIC								E	2014	S	MEXICO					
S	102D3/D4000			CURRENT		J		PASSENGER - TMC								F	2015	3	ST-EUSTACHE, PQ					
T	102EL3/E4500			CURRENT		HISTORIC		CURRENT PRODUCTION up to 2020								G	2016							
Z	D45 CRT LE			CURRENT		C		CRUSADER II (MC-9, TRANSIT, MC-12)		3 2015, 2016, 2017				CUMMINS, ISX12 6 400 HP, 6 CYLS, 11.9 L, CNG		H	2017							
X	D45 CRT			CURRENT		S		G SERIES		8 2015, 2013, 2016 & 2017				DETROIT DIESEL, DD13 12.7L, 410/400 HP, 6 CYLS, DIESEL		J	2018							
W	D45 CRTe LE			CURRENT		H		F SERIES		A 2016, 2013 & 2015				CUMMINS, ISL 8.9L & 9L 380 HP, 6 CYLS, DIESEL		K	2019							
R	D45 CRT LR			CURRENT		A		CRUSADER II TMC		B 2015, 2013, 2015, 2016 & 2017				CUMMINS, ISX 11.9L & 12L, 350-425 HP, 6 CYLS, DIESEL		L	2020							
N	D4020 ISTV			CURRENT		L		2016 & 2013		L 2016 & 2013				CUMMINS ISL 6 9.9L & 9L 320 HP, 6 CYLS, CNG										
L	J4500e			CURRENT		N		2017		N 2017				CUMMINS-X12 410/455 HP, 6 CYLS, 11.9 L, DIESEL										
K	J3500			CURRENT		X		2016		X 2016				CUMMINS-L9 350 HP, 6CYLS, 8.9 L, 6 CYLS, DIESEL										
G	D4520			CURRENT		Y		2018		Y 2018				CUMMINS-ISX12N 400 HP, 6 CYLS, 11.9 L, CNG										
H	D4020			CURRENT		Z		2018		Z 2018				SIEMENS PEM 750 V, 320 KW MOTOR										
D	96A3					U		2016, 2013 & 2016		U 2016, 2013 & 2016				CUMMINS, ISL 8.9L & 9L, HYBRIDELECT, 330 HP, 6 CYLS, DIESEL										
E	102A2 - TMC					HISTORIC																		
F	102A3					1		DETROIT DDEC 560 350/370 HP, 6 CYLS, 12.7L, DIESEL								D	1983	W	1986					
G	102C3					2		CUMMINS ISC 8.3L 285 HP, 6 CYLS DIESEL								E	1984	X	1999					
H	102B3					3		DETROIT DDEC 540 8.7 L 275 HP, 6 CYLS, DIESEL								F	1985	Y	2000					
K	F SHELL 35/F3500					4		CUMMINS ISM 10.8L 400 HP, 6 CYLS, DIESEL								G	1986	1	2001					
L	96B3					5		CUMMINS ISL 8.9L 330 HP, 6 CYLS, DIESEL								H	1987	2	2002					
M	102B3					6		CUMMINS ISL 8.9L 400 HP, 6 CYLS, DIESEL								J	1988	3	2003					
N	102BP3					7		DETROIT DDEC 6V92 300/330 HP, 6 CYLS, 9L, DIESEL								K	1989	4	2004					
R	MC-12					9		DETROIT DDEC 8V92TA 370/400 HP, 8 CYLS, 12.07 L DIESEL								L	1990	5	2005					
W	64100					C		CATERPILLAR C-12 505 HP 11.9L, 6 CYLS, DIESEL								M	1991	6	2006					
X	G4500					D		CATERPILLAR C-13 335/505 HP 12.5L, 6 CYCLS, DIESEL								N	1992	7	2007					
Z	F SHELL 41/F4100					E		CUMMINS ISM 410 HP, 6 CYLS, DIESEL								P	1993	8	2008					
						F		CATERPILLAR C13 410 HP, 6 CYLS, DIESEL								R	1994	9	2009					
						G		CUMMINS ISL 330 HP - HYBRID/ELECT, DIESEL																
						H		DETROIT DDEC 560 425/435/445 HP, 12.7 L, 6 CYLS, DIESEL																
						J		CATERPILLAR C13 12.7L 380 HP, 6 CYLS, DIESEL																
						K		CUMMINS ISM 450 HP, 6 CYLS, DIESEL																
						K		DETROIT DDEC 8V92TA 450/475/500 HP, 8 CYLS, DIESEL																
						L		CUMMINS LTA 10L 300 HP, DIESEL																
						M		CATERPILLAR 3176 10.3L 325/350 HP, 6 CYLS, DIESEL																
						N		CUMMINS ISX 15L 450 HP, 6 CYLS, DIESEL																
						P		DETROIT DDEC 560 370/400/430 HP 12.7L, 6 CYLS, DIESEL																
						R		DETROIT, DDEC 560 370 HP 12.7L, 6 CYLS, DIESEL																
						S		CUMMINS M-11 370 HP 11.0L, DIESEL																
						T		DETROIT DDEC 560 330/350/365 HP 11.1L, 6 CYLS, DIESEL																
						U		DETROIT DDEC 550 315 HP 8.5L, 4 CYLS, DIESEL																
						V		CATERPILLAR C-10 350/370 HP, 10.3L, DIESEL																
						W		CATERPILLAR C12 410 HP 11.9L, DIESEL																
						X		CUMMINS M-11 410 HP 10.8L, 6 CYLS, DIESEL																
						Y		DETROIT DDEC 560 470/500 HP 12.7L, 6 CYLS, DIESEL																
						Z		DETROIT DDEC 560 370 HP, 6 CYLS CNG																

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

PUBLIC SECTOR DESCRIPTION

NEW OFFERING, 45ft COMMUTER COACH RAPID TRANSIT WITH LOW ENTRY, SECOND DOOR AND WHEELCHAIR RAMP

45 ft. COMMUTER COACH RAPID TRANSIT OFFERED WITH AND WITHOUT WHEELCHAIR LIFT. REPLACES CURRENT D4500 COMMUTER COACH

NEW OFFERING, 45ft COMMUTER COACH RAPID TRANSIT WITH LOW ENTRY, SECOND DOOR AND ELECTRIC PROPULSION

45 ft COMMUTER COACH RAPID TRANSIT WITH LOW ROOF AND WHEELCHAIR LIFT

40 ft COACH RAPID TRANSIT WITH AND WITHOUT WHEELCHAIR LIFT. REPLACES CURRENT D4000 & D4005 COACHES

40FT INMATE SECURITY TRANSPORTATION VEHICLE

PRIVATE SECTOR DESCRIPTION

NEW OFFERING, BASED ON J-COACH STYLING WITH ELECTRIC PROPULSION. OFFERED WITH AND WITHOUT WHEELCHAIR LIFT

NEW OFFERING, BASED ON J-COACH STYLING BUT A TWO AXLE COACH AND 35 FT. IN LENGTH, OFFERED WITH AND WITHOUT WHEELCHAIR LIFT

45FT, PRIVATE SECTOR WITH AND WITHOUT WHEELCHAIR LIFT

40FT, PRIVATE SECTOR WITH AND WITHOUT WHEELCHAIR LIFT