

June 4, 2001

ORIGINAL

The Administrator
National Highway Traffic Safety Administration
400 Seventh Street, SW.
Washington, DC, 20590

79 CFR 565, VIN Identification
Spg

Attention: VIN Coordinator

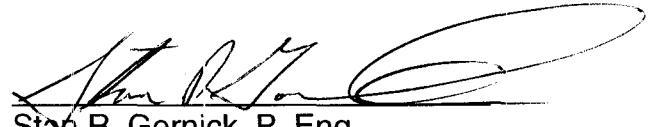
Dear Sir/Madam,

Pursuant to the requirement under Title 49 CFR Chapter V - National Highway Traffic Safety Administration, Department of Transportation Part 565 - Vehicle Identification Number Requirements, paragraph 565.7 (d), please find attached a revised VIN specification for Orion Bus Industries, a division of Western Star Trucks, Inc. located in Mississauga, Ontario, and Orion Bus Industries, Inc., a subsidiary of Freightliner LLC located in Oriskany, New York. The new VIN specification shall become effective June 1, 2001.

Should you require further information, please do not hesitate to contact the undersigned at (315) 223-5194 or through email at sgornick@orionbus.com.

Yours truly,

**Orion Bus Industries Inc.
A Subsidiary of Freightliner LLC**



Stan R. Gornick, P. Eng.
Manager, Vehicle Safety and Compliance

Cc: Timothy Blubaugh - Freightliner LLC
Robert A. Johnson - Freightliner LLC

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Orion Bus Industries
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Orion Parts - Canada
350 Hazelhurst Road
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Orion Parts - US
4769 State Route 233
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ORION BUS INDUSTRIES VIN SPECIFICATION

First Character

NATION OF ORIGIN	CODE						
	1999	2000	2001	2002	2003	2004	2005
USA	1	1	1	1	1	1	1
CANADA	2	2	2	2	2	2	2

Second and Third Character

MANUFACTURER & VEHICLE TYPE	CODE						
	1999	2000	2001	2002	2003	2004	2005
ORION BUS INDUSTRIES, A DIVISION OF WESTERN STAR TRUCKS, INC. (CANADA) – BUS	B1	B1	B1	---	---	---	---
ORION BUS INDUSTRIES, A DIVISION OF WESTERN STAR TRUCKS, INC. (CANADA) – MPV	BA	BA	BA	---	---	---	---
ORION BUS INDUSTRIES, INC. (USA) – BUS	VH	VH	VH	---	---	---	---

Fourth Character

MODEL	CODE						
	1999	2000	2001	2002	2003	2004	2005
ORION II	2	2	2	---	---	---	---
HYBRID ELECTRIC (Not used after June 1, 2001)	3	3	3	---	---	---	---
ORION V (Not used after June 1, 2001)	5	5	5	---	---	---	---
ORION VI (Not used after June 1, 2001)	6	6	6	---	---	---	---
ORION VII (Not used after June 1, 2001)	---	7	7	---	---	---	---
ORION V - DIESEL	---	---	A	---	---	---	---
ORION V - CNG	---	---	B	---	---	---	---
ORION VI - DIESEL	---	---	C	---	---	---	---
ORION VI - CNG	---	---	D	---	---	---	---

(Continued)

Fourth Character (Continued)

MODEL	CODE						
	1999	2000	2001	2002	2003	2004	2005
ORION VI - HYBRID ELECTRIC	---	---	E	---	---	---	---
ORION VII - DIESEL	---	---	F	---	---	---	---
ORION VII - CNG	---	---	G	---	---	---	---
ORION VII - HYBRID ELECTRIC	---	---	H	---	---	---	---

Fifth Character

SERIES	CODE						
	1999	2000	2001	2002	2003	2004	2005
21 x 96 (21 FEET LONG, 96 INCHES WIDE)	A	A	A	---	---	---	---
26 x 96 (26 FEET LONG, 96 INCHES WIDE)	B	B	B	---	---	---	---
30 x 96 (30 FEET LONG, 96 INCHES WIDE)	C	C	C	---	---	---	---
30 x 102 (30 FEET LONG, 102 INCHES WIDE)	D	D	D	---	---	---	---
35 x 96 (35 FEET LONG, 96 INCHES WIDE)	E	E	E	---	---	---	---
35 x 102 (35 FEET LONG, 102 INCHES WIDE)	F	F	F	---	---	---	---
40 x 96 (40 FEET LONG, 96 INCHES WIDE)	G	G	G	---	---	---	---
40 x 102 (40 FEET LONG, 102 INCHES WIDE)	H	H	H	---	---	---	---

- Notes**
1. The above lengths and widths are nominal overall body dimensions exclusive of exterior mirrors, side marker and signal lamps, flexible portions of bumpers, rubrails, and flexible fender skirts.
 2. The code is not related to the number of passengers as this is an option of the customer within any of the above given sizes and is not used within OBI to denote series.

0003

Sixth Character

BODY TYPE	CODE						
	1999	2000	2001	2002	2003	2004	2005
FRONT DOOR ONLY - ORION II	1	1	1	---	---	---	---
FRONT AND MIDDLE DOORS	2	2	2	---	---	---	---
FRONT AND REAR SIDE DOORS	3	3	3	---	---	---	---
FRONT, MIDDLE AND REAR DOORS	4	4	4	---	---	---	---
FRONT AND REAR BACK DOORS	5	5	5	---	---	---	---
FRONT DOOR ONLY - SUBURBAN COACH	---	6	6	---	---	---	---

Seventh Character

ENGINE TYPE	CODE						
	1999	2000	2001	2002	2003	2004	2005
DETROIT DIESEL MODEL: SERIES 50, 6047-MK28 DIESEL FUEL No. 1 No. CYLINDERS: 4 DISPLACEMENT: 519 in. ³ (8.5 L) RATING: 275 BHP @ 2100 RPM	A	A	---	---	---	---	---
DETROIT DIESEL MODEL: SERIES 50, 6047-MK28 DIESEL FUEL No. 2 No. CYLINDERS: 4 DISPLACEMENT: 519 in. ³ (8.5 L) RATING: 275 BHP @ 2100 RPM	B	B	---	---	---	---	---
DETROIT DIESEL MODEL: SERIES 50G, 6047-TKG8 COMPRESSED NATURAL GAS No. CYLINDERS: 4 DISPLACEMENT: 519 in. ³ (8.5 L) RATING: 275 BHP @ 2100 RPM	C	C	C	---	---	---	---
CUMMINS ENGINE COMPANY, INC. MODEL: ISB 175 DIESEL FUEL No. 2 No. CYLINDERS: 6 DISPLACEMENT: 359 in. ³ (5.9 L) RATING: 175 BHP @ 2500 RPM	D	D	D	---	---	---	---

(Continued)

Seventh Character (continued)

ENGINE TYPE	CODE						
	1999	2000	2001	2002	2003	2004	2005
CUMMINS ENGINE COMPANY, INC. MODEL: B5.9-195G COMPRESSED NATURAL GAS No. CYLINDERS: 6 DISPLACEMENT: 359 in. ³ (5.88 L) RATING: 195 BHP @ 2800 RPM	E	E	E	---	---	---	---
CUMMINS ENGINE COMPANY, INC. MODEL: L10-280G COMPRESSED NATURAL GAS No. CYLINDERS: 6 DISPLACEMENT: 611 in. ³ (10 L) RATING: 280 BHP @ 2100 RPM	F	F	---	---	---	---	---
CUMMINS ENGINE COMPANY, INC. MODEL: ISM 330 DIESEL FUEL No. 1 or 2 No. CYLINDERS: 6 DISPLACEMENT: 661 in. ³ (10.8 L) RATING: 330 BHP @ 2100 RPM	G	G	G	---	---	---	---
CUMMINS ENGINE COMPANY, INC. MODEL: ISM 280 DIESEL FUEL No. 1 or 2 No. CYLINDERS: 6 DISPLACEMENT: 661 in. ³ (10.8 L) RATING: 280 BHP @ 2100 RPM	H	H	H	---	---	---	---
DETROIT DIESEL SERIES 30 MODEL: T-444-E (A230C) H.T. DIESEL FUEL No. 1 No. CYLINDERS: 8 DISPLACEMENT: 444 in. ³ (7.3 L) RATING: 230 BHP @ 2300 RPM (USED IN HYBRID ELECTRIC BUS)	J	J	J	---	---	---	---
CUMMINS ENGINE COMPANY, INC. MODEL: ISC 280 DIESEL FUEL No. 1 or 2 No. CYLINDERS: 6 DISPLACEMENT: 506 in. ³ (8.3 L) RATING: 280 BHP @ 2200 RPM	---	K	K	---	---	---	---

(Continued)

Seventh Character (continued)

ENGINE TYPE	CODE						
	1999	2000	2001	2002	2003	2004	2005
JOHN DEERE MODEL: 6081 COMPRESSED NATURAL GAS No. CYLINDERS: 6 DISPLACEMENT: 494 in. ³ (8.1 L) RATING: 280 BHP @ 2200 RPM	---	L	L	---	---	---	---
DETROIT DIESEL SERIES 50 MODEL: EGR, 6047-MK2E DIESEL FUEL No. 1 No. CYLINDERS: 4 DISPLACEMENT: 519 in. ³ (8.5 L) RATING: 275 BHP @ 2100 RPM	---	M	M	---	---	---	---
DETROIT DIESEL SERIES 50 MODEL: EGR, 6047-MK2E DIESEL FUEL No. 2 No. CYLINDERS: 4 DISPLACEMENT: 519 in. ³ (8.5 L) RATING: 275 BHP @ 2100 RPM	---	N	N	---	---	---	---
CUMMINS ENGINE COMPANY, INC. MODEL: ISB 275 DIESEL FUEL No. 1 or 2 No. CYLINDERS: 6 DISPLACEMENT: 359 in. ³ (5.9 L) RATING: 275 BHP @ 2500 RPM	---	P	P	---	---	---	---

0006

Eighth Character

BRAKE SYSTEM	CODE						
	1999	2000	2001	2002	2003	2004	2005
COMPRESSED AIR, DRUM TYPE, NO ANTI-LOCK DEVICES INSTALLED, REAR AXLE SPRING PARK BRAKE.	1	1	1	---	---	---	---
COMPRESSED AIR, DRUM TYPE, ANTI-LOCK DEVICES INSTALLED ON BOTH AXLES, REAR AXLE SPRING PARK BRAKE.	2	2	2	---	---	---	---
COMPRESSED AIR, FRONT DISC AND REAR DRUMS, NO ANTI-LOCK DEVICES INSTALLED, REAR AXLE SPRING PARK BRAKE.	3	3	---	---	---	---	---
COMPRESSED AIR, FRONT DISC AND REAR DRUMS, ANTI-LOCK DEVICES INSTALLED ON BOTH AXLES, REAR AXLE SPRING PARK BRAKE.	4	4	4	---	---	---	---
COMPRESSED AIR, FRONT & REAR DISC, ANTI-LOCK DEVICES INSTALLED ON BOTH AXLES, REAR AXLE SPRING PARK BRAKE.	---	5	5	---	---	---	---

Ninth Character

CHECK DIGIT	CODE						
	1999	2000	2001	2002	2003	2004	2005
AS CALCULATED	---	---	---	---	---	---	---

Tenth Character

MODEL YEAR	CODE						
	1999	2000	2001	2002	2003	2004	2005
DATE CODE	X	Y	1	2	3	4	5

Eleventh Character

PLANT OF MANUFACTURE	CODE						
	1999	2000	2001	2002	2003	2004	2005
MISSISSAUGA, ONTARIO, CANADA	5	5	5	---	---	---	---
ORISKANY, NEW YORK, USA	6	6	6	---	---	---	---

Twelfth Through Seventeenth Characters

SEQUENTIAL PROD. NO.	CODE						
	1999	2000	2001	2002	2003	2004	2005
AS REQUIRED	---	---	---	---	---	---	---

0008