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01-22-N11B-2245

May 2nd, 1986

ORIGINAL

The Administrator,
National Highway Safety Administration
400 Seventh Street, S. W.
Washington, D.C.

8 pgs.

ATTN: V.I.N. ADMINISTRATOR

Dear Sir,

Pursuant to the requirements under Section 6 of Standard Number 115, Paragraph 571.115, please find attached an updated complete package of information related to our various product lines.

Our new product lines of Niagara Parks People Mover (Pages 3 and 4), and Orion/Ikarus (Page 5) have only been delivered in Canada, however, are being included for your information should future deliveries occur in the United States.

Our previous submission was made 23 January 1984.

Yours truly,

Bob Trimble,
Engineering Supervisor

cc: P. Bigwood
G. Quinn

Att.



JUNE 24, 1985.

TO: P. Bigwood
M. Marlatt
J. Riet
R. Kullmann
L. Burgess
G. Clark

THE ATTACHED IS AN UP-DATE TO THE VEHICLE IDENTIFICATION NUMBER INFORMATION PUBLISHED IN A FOUR PAGE DOCUMENT WITH A COVERING LETTER DATED 5 MARCH 1985.

PLEASE DISCARD THE INFORMATION SUPPLIED ON 5 MARCH, 1985 AND REPLACE WITH THE ATTACHED.

PAGES 1 & 2 GIVE THE METHOD OF DETERMINING THE V.I.N. FOR ALL BUSES MANUFACTURED AT O.B.I. AND B.I.A. IT DOES NOT APPLY TO BUS TRAILER MANUFACTURE.

PAGE 3 SHOWS AN EXAMPLE OF A NIAGARA PARKS TRACTOR V.I.N. NUMBER. THE INFORMATION WAS OBTAINED FROM THE INFO CONTAINED IN PAGES 1 AND 2

PAGE 4 SHOWS AN EXAMPLE OF A NIAGARA PARKS TRAILER V.I.N. NUMBER. THE INFORMATION IS NOT THE SAME AS USED IN THE BUS V.I.N., AND CAN ONLY BE OBTAINED FROM THE INFORMATION LISTED BELOW THE V.I.N. NUMBER EXAMPLE.

PAGE 5 SHOWS AN EXAMPLE OF AN ORION/IKARUS.

PAGE 6 SHOWS EXISTING AND FUTURE SEQUENCE NUMBER BLOCKS AS THEY APPLY TO VARIOUS ORION PRODUCTS.



R. TRIMBLE
ENGINEERING ADMINISTRATION

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VEHICLE IDENTIFICATION NUMBERS

THE FOLLOWING INFORMATION APPLIES TO V.I.N. NUMBERS FOR ALL BUSES MANUFACTURED BY ONTARIO BUS INDUSTRIES AND BUS INDUSTRIES OF AMERICA, BUT EXCLUDES BUS TRAILERS.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
 2 B 1 1 1 9 1 7 F 5 0 0 1 0 5 6

DIGIT

- | | | |
|--------|-----------------------------|---|
| 1 | <u>COUNTRY OF ORIGIN</u> | 2 = CANADA |
| 2
3 | <u>ASSIGNED BY M.V.M.A.</u> | B1 = ONTARIO BUS INDUSTRIES
ORION BUS

BA = ONTARIO BUS INDUSTRIES
ORION M.P.V. |
| 4 | <u>MODEL</u> | 1 = MODEL 01 (ORION I)
2 = MODEL 02 (ORION II)
3 = MODEL 03 (ORION/IKARUS)
4 = MODEL 04 (N.P.C. Tractor) |
| 5 | <u>SERIES</u> | 1 = 30 FOOT
2 = 35 FOOT
3 = 36 FOOT
4 = 25 FOOT
5 = 21 FOOT
6 = 40 FOOT
7 = 60 FOOT
8 = 38 FOOT (N.P.C. Tractor) |
| 6 | <u>BODY TYPE</u> | 4 = SPECIAL
5 = MOTOR HOME
7 = AMBULANCE
8 = SUBURBAN
9 = TRANSIT |
| 7 | <u>ENGINE TYPE</u> | 1 = DDA 6V71TA
2 = DDA 6V71N
3 = DDA 6V53T DR.
4 = DDA 6V53T
5 = DDA 6V53 C40
6 = DDA 6V53 C45
7 = DDA 6V92TA
8 = GM 8.2L 145 HP
9 = CUMMINS NHHTC-290
A = CUMMINS 4BT 3.9
B = CUMMINS 4BTA 3.9
C = FORD LGS 870-6003C |

VEHICLE IDENTIFICATION NUMBER

NIAGARA PARKS PEOPLE MOVER (TRACTOR)

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

DIGIT

1	COUNTRY OF ORIGIN	2 = CANADA
2		
3	ASSIGNED BY M.V.M.A.	B1 = ONTARIO BUS INDUSTRIES
4	MODEL	4 = MODEL 04
5	SERIES	8 = 38 FOOT
6	BODY TYPE	4 = SPECIAL
7	ENGINE TYPE	C = FORD LSG 870-6003C
8	BRAKES	7 = AIR
9	CHECK DIGIT	
10	MODEL YEAR	
11	PLANT	5 = MISSISSAUGA
12		
THRU		
17	SEQUENCE NUMBER *	
*	INTEGRATED WITH ORION I BUS NUMBERS,	

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ENGINEERING ADMINISTRATION
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VEHICLE IDENTIFICATION NUMBER

NIAGARA PARKS PEOPLE MOVER (TRAILER)

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

DIGIT

1	COUNTRY OF ORIGIN	2 = CANADA
2	ASSIGNED BY M.V.M.A.	B9 = ONTARIO BUS INDUSTRIES
3		
4	TYPE	A = BUS TRAILER
5	TYPE OF MATERIAL	1 = STEEL
6	FRAME	A = STRAIGHT
7	LENGTH	1 = 35'5"
8	AXLES	2 = 2 AXLES
9	CHECK DIGIT	
10	MODEL YEAR	
11	PLANT	5 = MISSISSAUGA
12		
13		
14	ASSIGNED BY M.V.M.A.	028 (THESE DIGITS NEVER CHANGE)
15		
16		
17	SEQUENCE NUMBER *	

* INTEGRATED WITH ORION I BUS NUMBERS, BUT ONLY USING LAST 3 DIGITS OF THE BUS NUMBER. THE LAST SIX V.I.N. DIGITS WILL ALWAYS BE 028 PLUS THE LAST 3 BUS NUMBER DIGITS. e.g. 028186.

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VEHICLE IDENTIFICATION NUMBER

ORION/IKARUS ARTICULATED BUS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2	B	1	3	7	9	9	7		F	5	0	1	0	0	0	1

DIGIT

1	COUNTRY OF ORIGIN	2 = CANADA
2		
3	ASSIGNED BY M.V.M.A.	B1 = ONTARIO BUS INDUSTRIES
4	MODEL	3 = ORION/IKARUS
5	SERIES	7 = 60 FOOT
6	BODY TYPE	9 = TRANSIT
7	ENGINE TYPE	9 = CUMMINS NHHTC-290
8	BRAKES	7 = AIR
9	CHECK DIGIT	
10	MODEL YEAR	F = 1985
11	PLANT	5 = MISSISSAUGA
12		
THRU		
17	SEQUENCE NUMBER *	

* THE FIRST PRODUCTION ORION/IKARUS STARTED AT SEQUENCE NUMBER 010,001 AND FUTURE BUSES WILL PROCEED IN THE 10,000 SERIES.

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 ENGINEERING ADMINISTRATION
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SEQUENCE NUMBER BLOCKS FORALL ORION VEHICLES

ALL ORION I AND NIAGARA PARKS TRACTORS AND TRAILERS	STARTS 000101 ENDS 004999
ALL ORION II	STARTS 005001 * ENDS 009999
* ALL ORION/IKARUS	STARTS 010001

* NOTE: THE FIRST ORION/IKARUS PRODUCED AS A DEMO DID NOT FOLLOW THE SEQUENCE NUMBERING SYSTEM OUT LINED ABOVE (SEQUENCE NUMBER IS 006483). THIS PARTICULAR BUS FALLS WITHIN THE NORMAL ORION II SEQUENCE NUMBERING SYSTEM.