

SURVIVAL FACTORS ATTACHMENT 1

Motorcoach Specifications

Palm Springs, CA

HWY17MH005

(8 pages)

REPORT #: WAR001 (P) WARRANTY
08/09/00 MCI FINAL VEHICLE RECORD PAGE: 1

3:59 PM ______

MODEL * 102D3 *

SALES ORDER RELEASE NO. US967994

SALES ORDER RELEASE NO. US967994 UNIT #: 48674 ADDENDUMS TO ABOVE ORDER RELEASE NO. DATE #5 96/06/18							
	V.I.N. NO.	! FLEET I !	NO.				
	INSPECTED BY						
06/12/96	-	! 2-53:					
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*** REGULAR ITEMS ***	MAKE	!MODEL,TYPE,B/M,BRAND! SERIAL#					
ENGINE	DETROIT DDEC	!6067GK28 (8L-1-502)	!06R0296639				
	ALLISON	!B500R	!6610011842				
	ROCKWELL	!61143WX-210	!NKA96040194				
DIFF. CARRIER (STATE RATIO)	ROCKWELL	!4.30:1	!NKC96027523				
FRONT AXLE	ROCKWELL	!17101WX-299	!NKA96034858				
MONITORS	REI	!700182	!311066/306885				
MONITORS	REI	!700182	!306892/306916				
	REI	!700182	!311078/299166				
AIR COMPRESSOR	BENDIX	!109426	!2C2096T				
	G&O MANUFACT	!6L-1-223	!46406 RAD				
	YOUNG	!6L-1-194	!2746068 CAC				
	!	!EXIDE	!				
	CARRIER	!6GAA004B1035	!1196J02455				
	CARRIER	!16J-4-1	!D9600181				
	CARRIER	!EM-16	!27-000226				
	RELIANCE	!16J-9-1	!V77B5943AC-RY				
	RELIANCE	!	!V77B5943AC-NY				
	RELIANCE	!16L-8-5	!W78P3990AC-RY				
	DELCO	!1117863	!96E07				
	DELCO	!1118447	!96D29				
	DELCO	!1990418	!96D24				
	NATIONAL	!4210-A	!				
	NATIONAL	!93-В	!				
	HOLDS. VIGOR		!A416XA				
	ALL WHITE	!	!				
	FIRESTONE	!27833NC	!				
	FA0853	!	!				
		!32142	:				
	S.G.	!14-Е !	!!				
	PANASONIC	: !700469	: !17187				
	REI	!700251	1323552				
	REI	!700189	150705839				
	REI	1700227	!312704				
	REI	1700227	114992				
=======================================							
*** ADDITIONAL ITEMS ***	MAKE	!MODEL,TYPE,B/M,BRAND! SERIAL#					
DIDLIC ADDRESS	========= ! REI	======================================					
		!6L-6-371	!314340 !1770343 RH				
	HORTON		!1770343 RH !1770391 LH				
	HORTON	!	!1770391 LH !XZA PR 16				
TIRE MANUFACTURER	MICHELIN	:	: ALA PK 10				

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!12. 0 R 22.5 !
TIRE SIZE
______
*** TIRES *** !MAKE/TYPE!TIRE SERIAL # !MILEAGE SERIAL#
______
RIGHT FRONT
                           !GDZ55299L
                     !MICH
LEFT FRONT
                     !MICH
                           !GDZ55392L
R.H. IN DUAL
                     !MICH
                           !GDZ55068L
R.H. OUT DUAL
                     !MICH
                           !GDZ55209L
L.H. IN DUAL
                     !MICH
                           !GDZ55348L
 REPORT #: WAR001
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MODEL * 102D3 *
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UNIT #: 48674 ADDENDUMS TO ABOVE ORDER RELEASE NO. DATE #5 96/06/18
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OPERATOR
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 HEBARAGI/LEMI BUS INC.
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                  ! INSPECTED BY
DATE DELIVERED
                                      ! OPERATOR'S NO.
      06/12/96
                                      ! 2-53-
                     !
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                     !MAKE/TYPE!TIRE SERIAL # !MILEAGE SERIAL#
______
L.H. OUT DUAL
                     !MICH
                           !GDZ55550L
R.H. TRAILING
                     !MICH
                           !GDZ55448L
L.H. TRAILING
                     ! MTCH
                           !GDZ55275I
                     !MICH
SPARE
                           !GDZ55280L
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MODEL * 102D3 *
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                                      ! OPERATOR'S NO.
DATE DELIVERED
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   06/12/96
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                      DESCRIPTION
OPTIONS/SPECIALS
______
P1.1.2.1
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P1.1.8
        AUXILIARY RETENTION TANK
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   REPORT #: WAR001 (P) WARRANTY
   08/09/00
                                           MCI FINAL VEHICLE RECORD
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MODEL * 102D3 *
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                                                    ! V.I.N. NO.
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   HEBARAGI/LEMI BUS INC.
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 DELIVERED ! INSPECTED BY ! OPERATOR'S NO. 06/12/96 ! 2-53-
  DATE DELIVERED
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 OPTIONS/SPECIALS
                                                      DESCRIPTION
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 P6.9.1.3539 HEADREST FACE-HOLDS. VIGOR A416XA LG SPRAY CAN EFFECT
 P6.9.3.3542 SIDEBOXING-HOLDSWORTH VIGOR A426XA MOTTLED GREY PLAIN WITH PINK, PURPLE
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COACH SPECIFICATIONS

August 2000 Date

Intro-1 Page

GENERAL DATA

The data below includes only general information on coach models covered by this manual.

VEHICLE LENGTH: (102DL3) Over Bumpers	45'-6 ¹ / ₄ " (13.87 m)
VEHICLE LENGTH: (102D3) Over Bumpers	40'-6 ³ / ₈ " (12.35 m)
VEHICLE HEIGHT: (102D3 & 102DL3) Top of Roof Hatch	136.92" (3477.8 mm)
VEHICLE HEIGHT: (102DLS3) Top of Roof Hatch	139.92" (3554 mm)
VEHICLE WIDTH: (102D3 & 102DL3)	102" (2590.8 mm)
TURNING RADIUS: (102DL3)	
RH TURN (At Front Bumper)	
LH TURN (At Front Bumper)	
RH TURN (At Tire) LH TURN (At Tire)	
TURNING RADIUS: (102D3)	,
RH TURN (At Front Bumper)	
LH TURN (At Front Bumper)	
RH TURN (At Tire) LH TURN (At Tire)	40′-9″ (15.37 m)
WHEELBASE: (102DL3) Front Axle to Drive Axle Centers	
WHEELBASE: (102D3) Front Axle to Drive Axle Centers	
FRONT AXLE TRACK:	,
REAR AXLE TRACK: (Center of Dual Wheels)	76.6" (1946 mm)
TRAILING AXLE TRACK:	85.6" (2174 mm)
GROSS VEHICLE WEIGHT: (102D3 & 102DL3)	,400 lbs. (20,139.8 kg)
APPROXIMATE PAYLOAD CAPACITY: (102DL3)	2,750 lbs. (12358.3 kg)
APPROXIMATE PAYLOAD CAPACITY: (102D3)	1,500 lbs. (12358.3 kg)
FUEL CAPACITY: (Standard Tank)	Gal. U.S. (726.7 liters)
COOLING SYSTEM CAPACITY: (With Series 60, Caterpillar or Cummins Installations) 2	8 Gal. U.S. (106 liters)
STEERING SYSTEM CAPACITY:	.5 Qts. U.S. (7.1 liters)
TIRE SIZE: (Minimum)	"H" Rated

See the capacity schedule in Section 10 for further information on engine, transmission and rear axle lube capacities.

ENGINE DATA

Model	Series 60	Cummins	Caterpillar
Type	4 Cycle	4 Cycle	4 Cycle
No. of Cylinders	6	6	6
Bore (Inches)	5.12	4.92	4.92
Bore (mm)	130	125	125
Stroke (Inches)	6.3	5.78	5.5
Stroke (mm)	160	147	140
Compression Ratio (Turbo)	15:1	16:1	16:1
Total Displacement (Cubic Inches)	775	661	628
Total Displacement (Liters)	12.7	10.8	10.3
No. of Main Bearings	7	7	7



COACH SPECIFICATIONS

August 2000 Date

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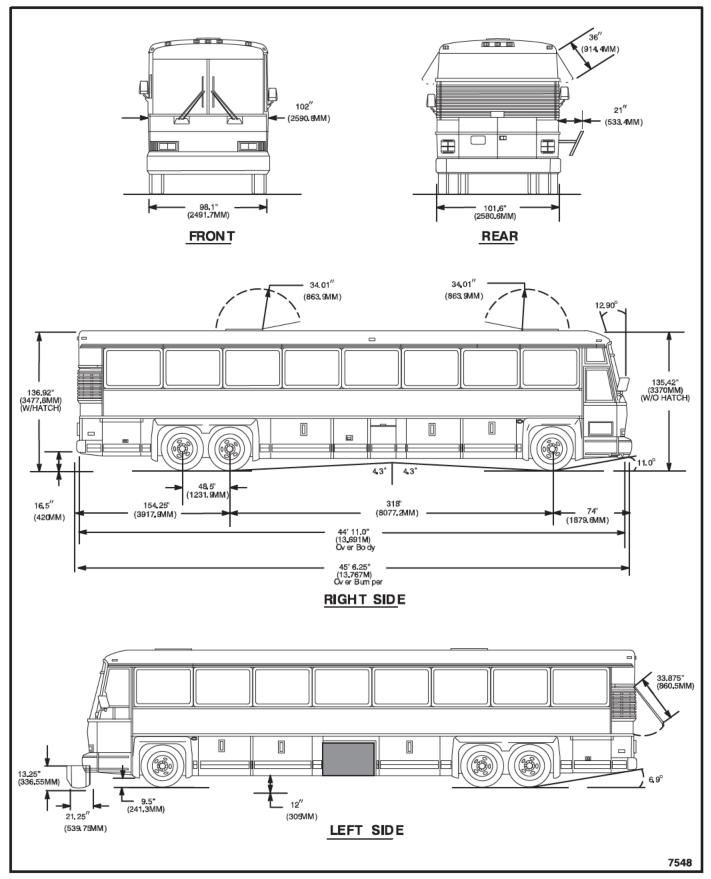


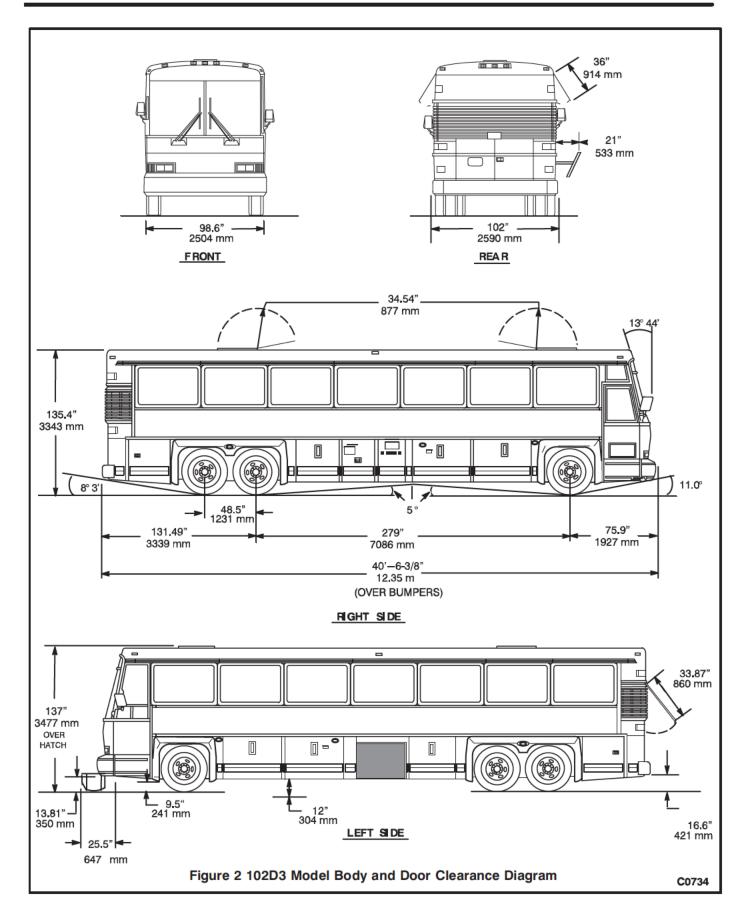
Figure 1 102DL3 Model Body and Door Clearance Diagram



COACH SPECIFICATIONS

August 2000 Date

Intro-3 Page





August 2000 Date

Intro-4 Page

REVISIONS & SERVICE INFORMATION BULLETINS

This manual will on occasion be revised in order to add new information, and to update or correct existing information. Please note the bold vertical line (revision bars) that appear to the left of each text column on sample page below (Figure 1). The revision bars indicate changes made since the last printing. The revision bars can be used to show changes made within a specific sentence or paragraph, and in some instances they may extend throughout whole section, if required. The revision bars should allow the reader to quickly identify areas with new or different information. All information contained in this manual is based on the latest product information available at time of publication. Motor Coach Industries reserves the right to make product changes at any time without notice. Service Bulletins are issued, when required, to supplement or supersede information in this manual. Information in the bulletins should be noted and filed for future use.



WELDING CAUTION



Since welding is a procedure which may be carried out either as allowed (explicitly or implicitly) by instructions in this manual or by an independent decision of the coach owner/operator, the following information pertaining to welding should be read before beginning any welding process. The prohibitions and requirements contained therein must be complied with when any coach welding is undertaken. **IMPORTANT:** In order to prevent electronic control component(s) damage during welding, steps 3 thru 5 must be strictly adhered to.

- Welding must be done only by an experienced and qualified person (Minimum Requirements AWS B1.1). All specific instructions or prohibitions of applicable welding procedures must be followed.
- Adequate ground contacts and barriers must be positioned as close as possible to the weld area and as required to protect components (wiring, brake lines, hydraulic lines, etc.) from damage due to heat, contact by weld splatter, arcing or other potentially damaging events associated with welding.
- 3. Turn the main battery disconnect switch to "OFF."
- 4. Protect the Vanner battery equalizer as follows:
 - a. Disconnect the ground at the equalizer first.
 - b. Disconnect the battery leads.
 - c. Reconnect the battery leads first and equalizer ground last.
- Remove the ATEC/WTEC/DDEC power control fuses, and disconnect harnesses from their ECM and ECU units.



DRILLING CAUTION



Due to the close proximity of Electrical/Mechanical lines to the aisle floorboard DO NOT drill any holes in the center tunnel area. This area is 15 inches wide and runs immediately under the coach center aisle for the full length of the coach.

Various other WARNINGS, CAUTIONS and NOTES are contained in this manual. They should be read carefully to minimize the risk of personal injury or the possibility that improper service methods may be used which could damage the coach and render it unsafe. It is important to note that these cautions and notices are not all inclusive. We could not evaluate and advise users of all conceivable ways in which service may be done or of the possible hazardous consequences of each way. We have not attempted to do this. Therefore, anyone who uses a service procedure or tool not recommended by the manufacturer should first satisfy himself that neither his safety nor vehicle safety will be jeopardized by the particular method he selects.