Fuel Dispenser Numbering Guide Ver 1.5

25 Jul 19

[Hyperlink] Fuel Dispenser Numbering Guide

Document History

Ver	Reason/Details	Date
1.0	Initial release	15 Mar 16
1.1	 NMI 5/6A/229 – C Series and NMI 5/6A/229 – L series added. Document history added. 	5 Jul 16
1.2	 Provided additional detail on the numbering of 5/6A/208 where hoses are located on the column. 	25 Aug 16
1.3	 NMI 5/6A/235 added – pending advice from manufacturer for serial number details. Updated details for NMI No 5/6A/229 to provide additional detail relating to numbering for both sides of the dispenser. 	10 May 17
1.4	NMI 5/6A/232 added.	29 Apr 19
1.5	NMI 5/6A/227 numbering guide updated.	25 Jul 19

Contents

Document History	2
Introduction	5
Identification Rules	5
Rule 1	5
Rule 2	5
Rule 3	5
Manufacturer Protocols	6
NMI 5/6A/84	6
NMI 5/6A/84A	15
NMI 5/6A/85	23
NMI 5/6A/85A	28
NMI 5/6A/86	33
NMI 5/6A/86A	35
NMI 5/6A/90	36
NMI 5/6A/91	43
NMI 5/6A/92A	51
NMI 5/6A/97	52
NMI 5/6A/97A	53
NMI 5/6A/202	56
NMI 5/6A/204	57
NMI 5/6A/204	58
NMI 5/6A/208	59
NMI 5/6A/208 (with hoses on the column)	60
NMI 5/6A/209	61
NMI 5/6A/212	62
NMI 5/6A/218	64
NMI 5/6A/219	65
NMI 5/6A/220	66
NMI 5/6A/222	67
NMI 5/6A/227	68
NMI 5/6A/229 – C Series	69
NMI 5/6A/229 – L Series	70
NMI 5/6A/231	71
NMI 5/6A/231	72
NMI 5/6A/232	73
NMI 5/6A/235	74
NMI 5/6M/2	75

NMI	10/1/13	76
NMI	10/1/13	77
NMI	10/1/13	78
NMI	10/1/13	79
NMI	10/1/13	80
NMI	10/1/14	81
NMI	10/1/14	82
	10/1/14	
NMI	10/1/15	84

Introduction

The National Measurement Institute (NMI) uses data provided by Servicing Licensees and Inspectors to maintain a data base of instruments used for trade. This data is used by the NMI for reporting, identifying instrument performance trends and planning inspection activities.

To maintain an accurate and reliable measuring instrument data base, there needs to be consistency in the recording of measuring instrument serial numbers by verifiers and inspectors. While fuel and LPG dispensers can include a single or multiple delivery hose for inspection purposes each delivery hose is considered to be a separate measuring instrument.

The NMI requests all personnel inspecting or verifying a fuel or LPG dispenser record the serial number according to the manufacturers numbering system detailed in this document.

As new fuel dispenser models enter the market place, NMI will contact the manufacturers with the aim of continually updating this guide. If users of this guide believe there is a need to clarify the identification of serial numbers for fuel and LPG dispensers, please contact the NMI.

The NMI thanks the fuel and LPG dispenser manufacturers for providing the information in this guide.

Identification Rules

Each delivery hose in a fuel dispenser is considered to be a separate fuel dispenser (measuring instrument) for the purposes of verification and recording in the Trade Measurement data base which shall be identified with a unique serial number. Where possible the serial number will align with manufacturer protocols as detailed in this document. For fuel dispensers approved prior to 1 January 2000 which are not specifically mentioned in this document, the serial number shall be defined using the following rules.

Rule 1

Fuel dispensers with a single hose, the instrument serial number will be the measuring instrument serial number.

Rule 2

Fuel dispensers with two hoses, where it is significantly obvious with the hoses in the hang up positions that one hose is closest to the data plate, the lowest serial number will be allocated to that hose (measuring instrument). Where the serial number is a single number a suffix A and B shall differentiate the hoses (measuring instruments).

Examples

- 1. 12345/46 on data plate 12345 is for the hose closest to data plate when in the hang up position.
- 2. 1720 on data plate 1720A is for the hose closest to data plate and 1720B is for the hose furthest from the data plate when in the hang up positions.

Rule 3

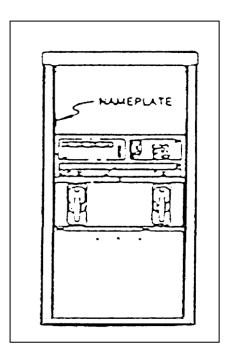
Fuel dispensers not covered by rules 1 or 2, when looking directly (face on) at the data plate, the hose in its hang up position closest to the person when they move in a clockwise direction around the dispenser shall be the lowest serial number.

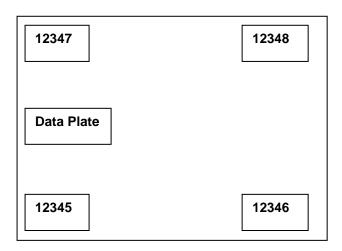
Manufacturer Protocols

NMI 5/6A/84

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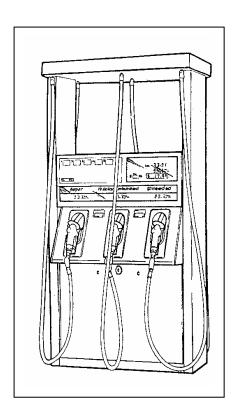
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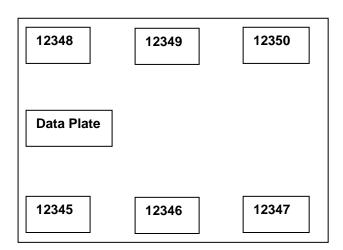




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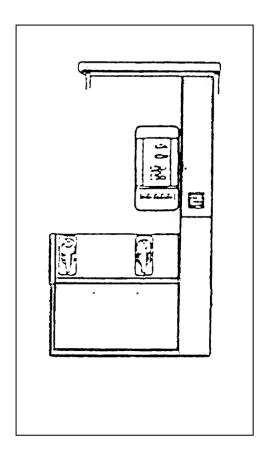
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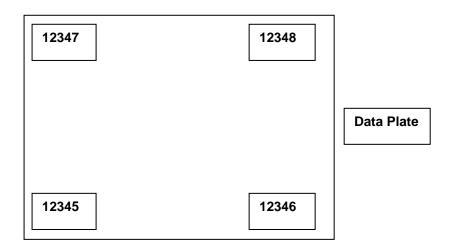




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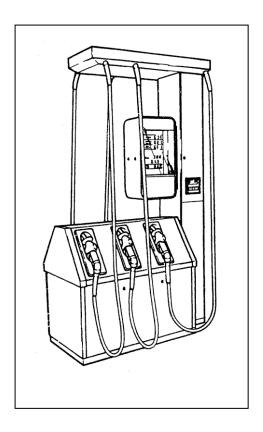
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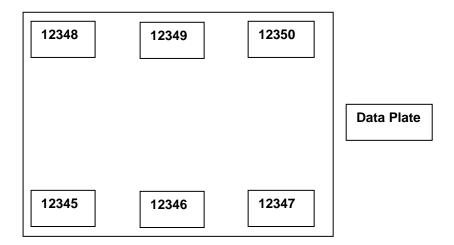




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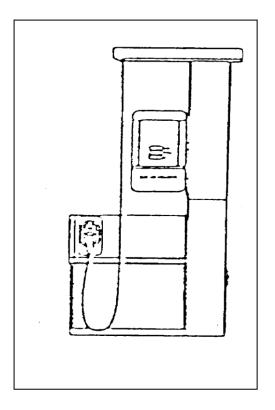


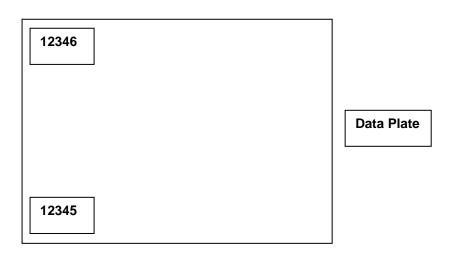


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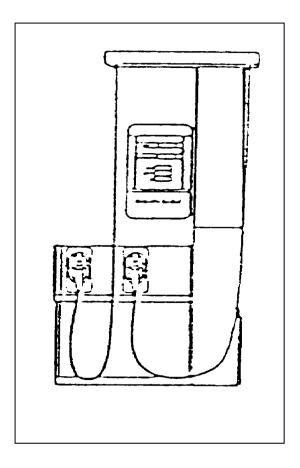
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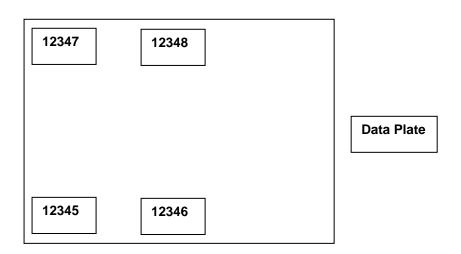




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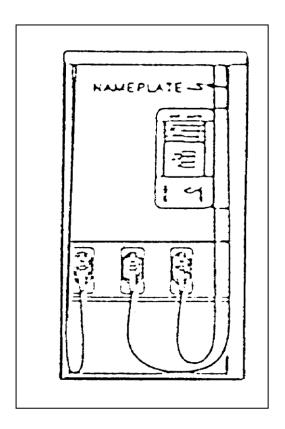
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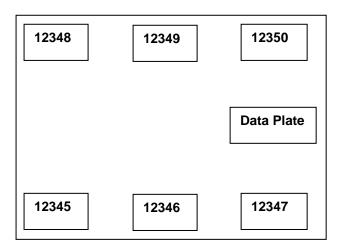




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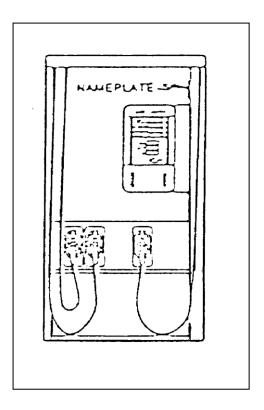
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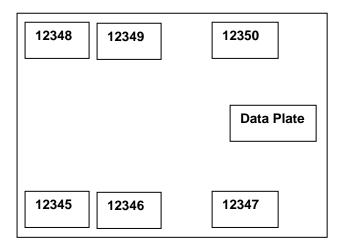




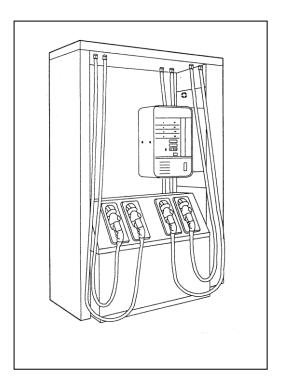
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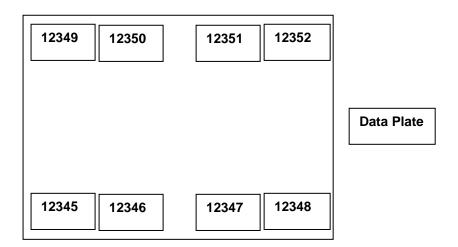
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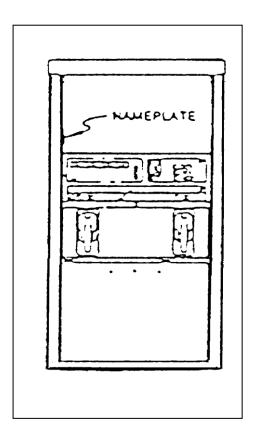
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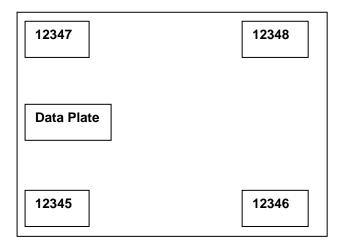




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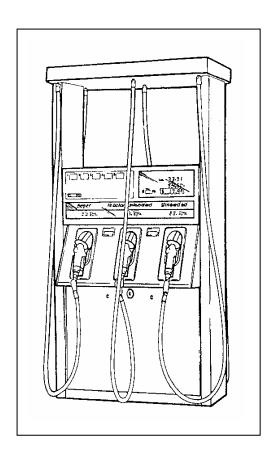
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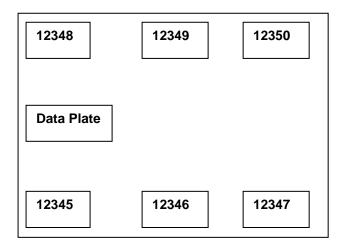




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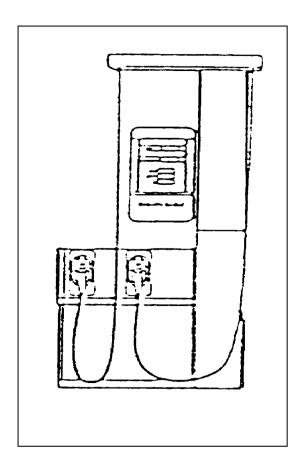
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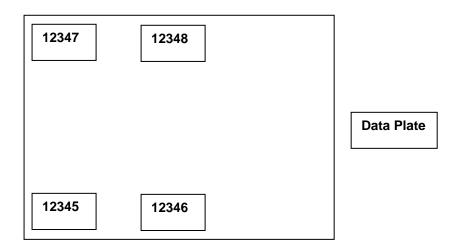




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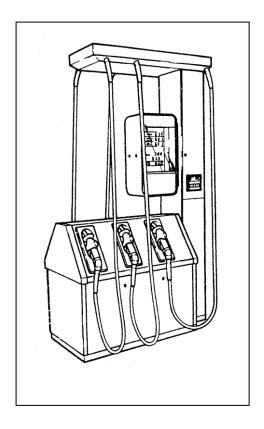
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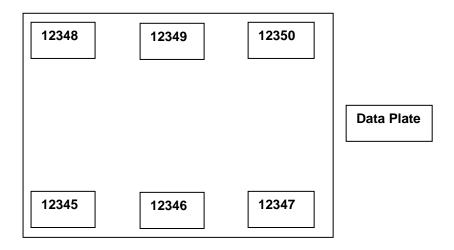




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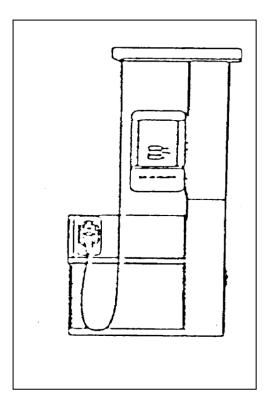


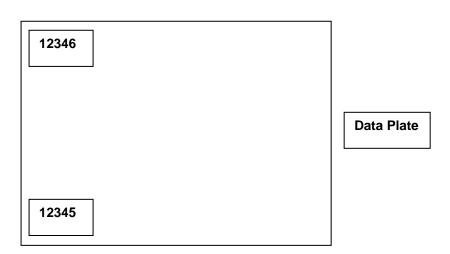


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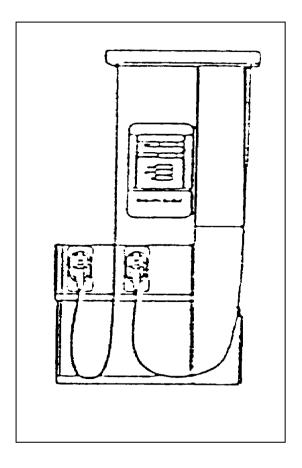
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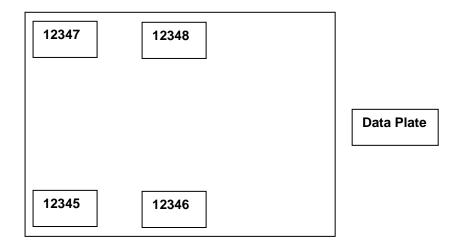




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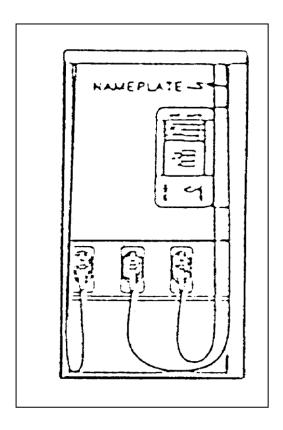
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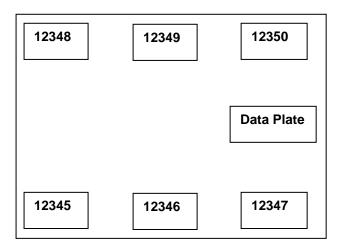




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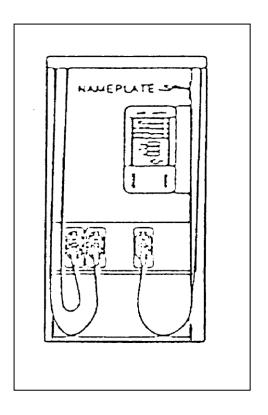
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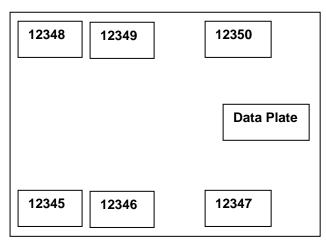




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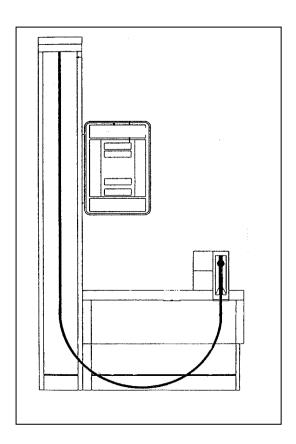
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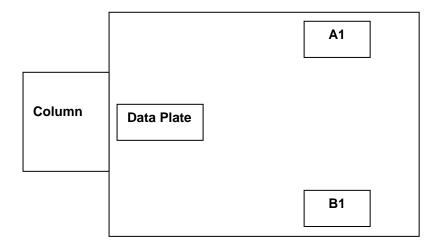




Email Petroleum Systems

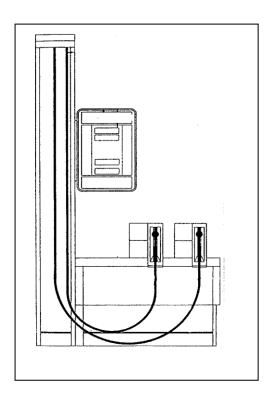
MPP2

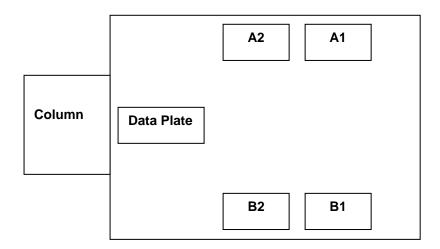




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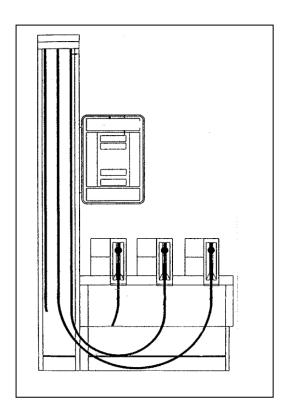
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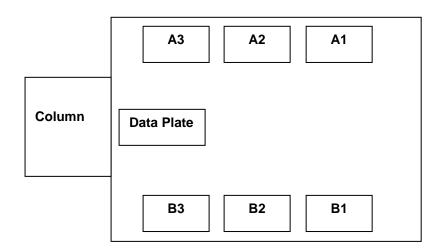




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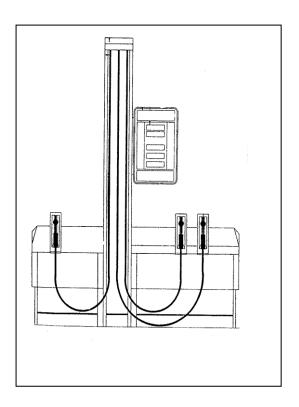
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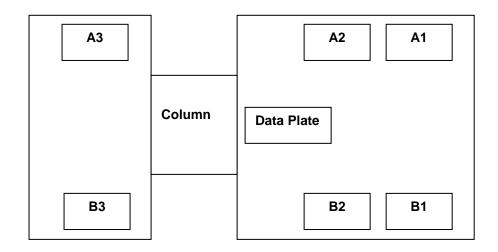




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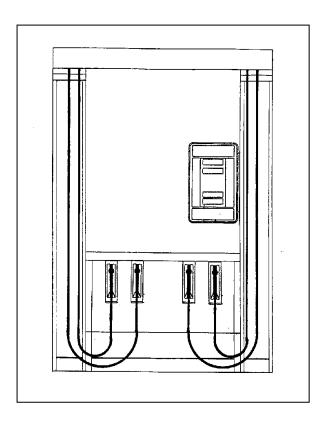
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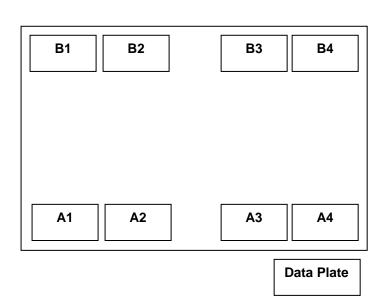




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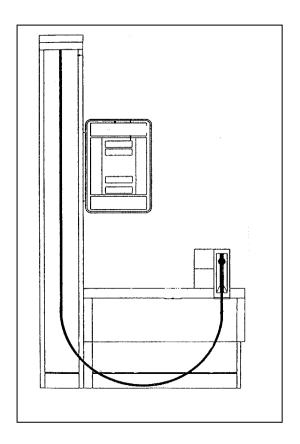
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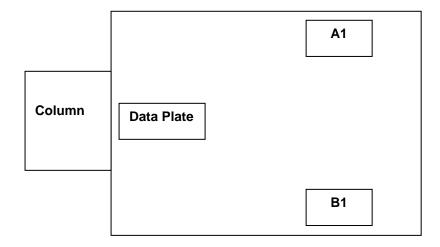




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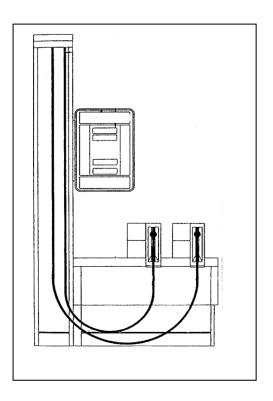
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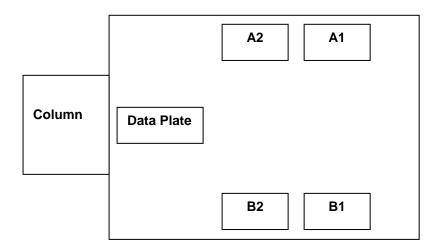




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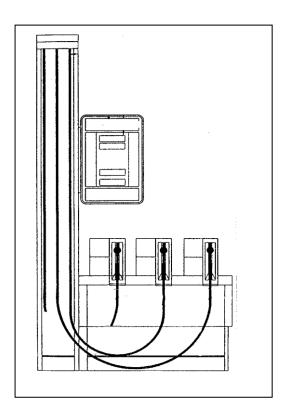
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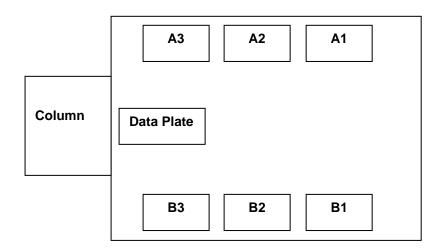




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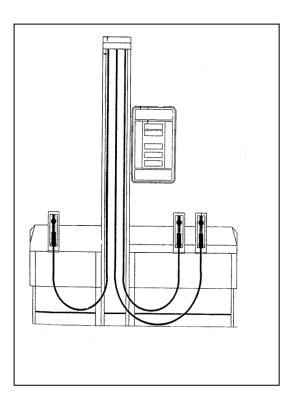
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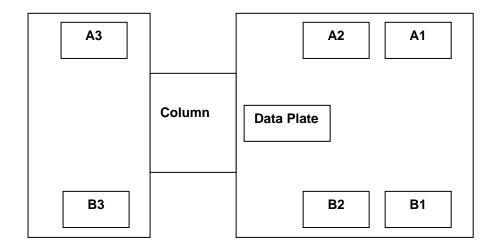




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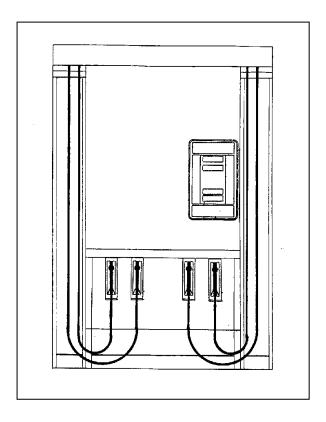
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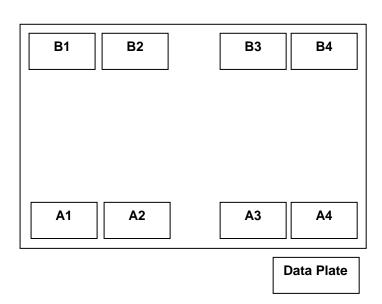




Email Petroleum Systems

MPP8

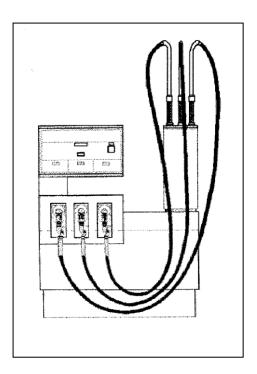


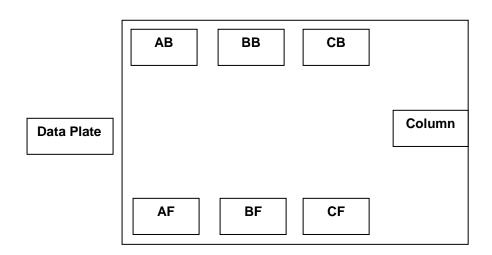


PEC/Production Engineering

MULTIPEC 8000

Where the serial number on the data plate is 939884, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 939884AF

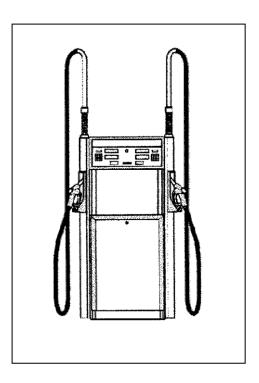


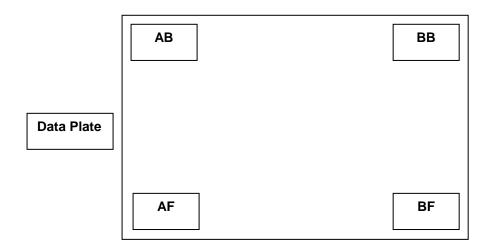


PEC/Production Engineering

Model: CEEPEC 1000

Where the serial number on the data plate is 921246, hose AF becomes serial number 921246AF

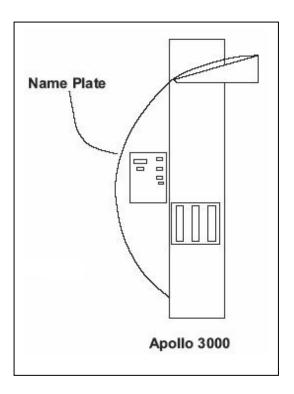


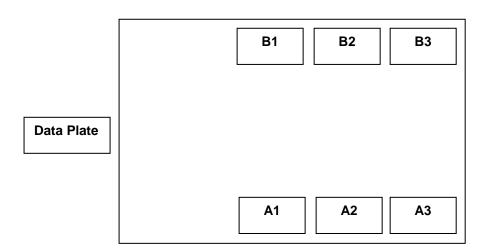


PEC/Production Engineering

MULTIPEC 8000

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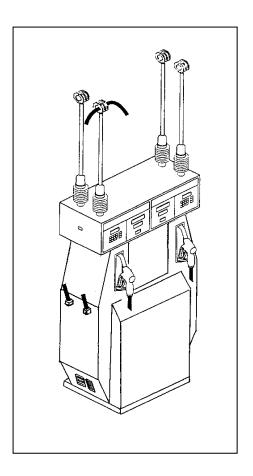


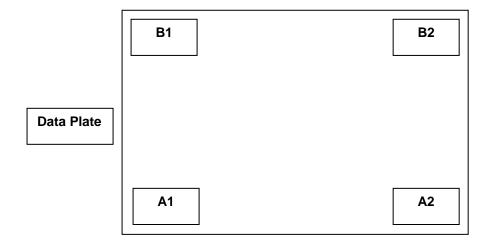


Compac Industries Pty Ltd

CC Version

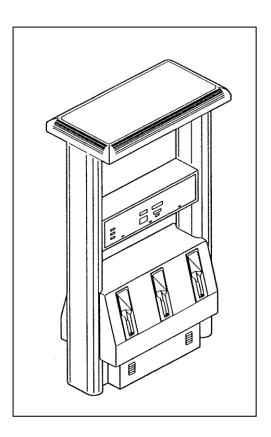
Loline - MHD4

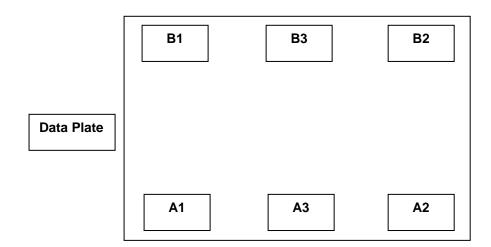




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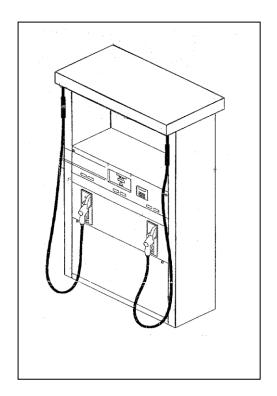
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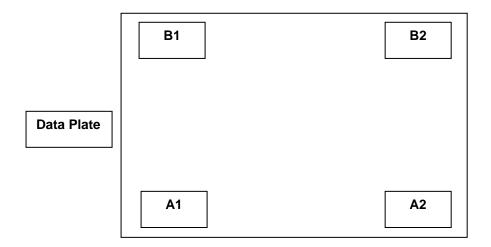




Compac Industries Pty Ltd

Hiline - MHP4A





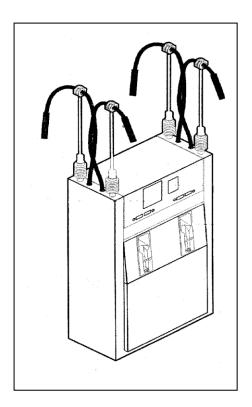
Compac Industries Pty Ltd

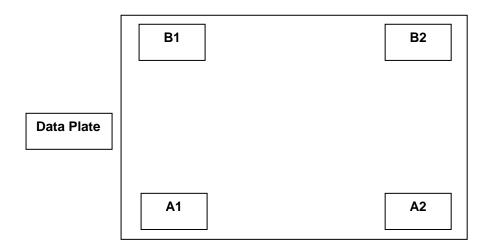
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Hiline - MHQD4A

Hiline - MHQP4

Hiline - MHQP4A

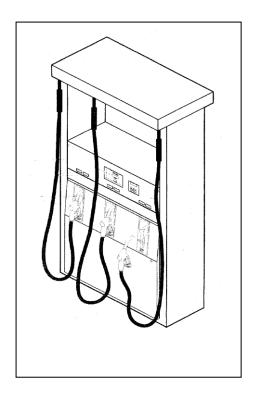


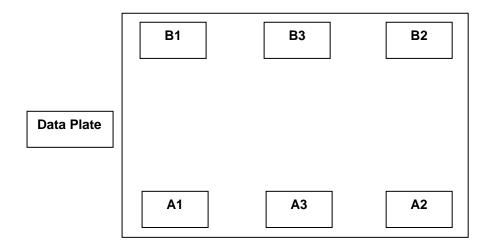


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Hiline - MHD6A

Hiline - MHP6A

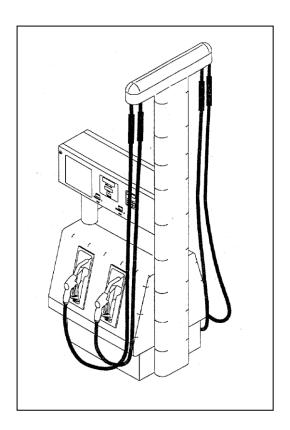


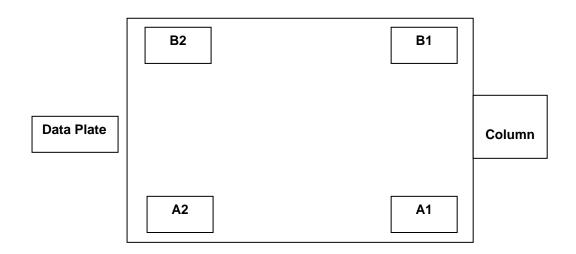


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MHD4A

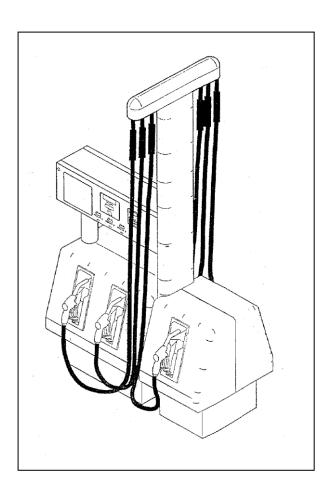
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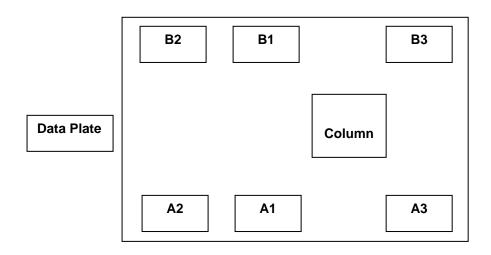




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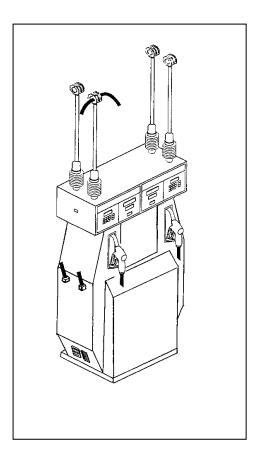
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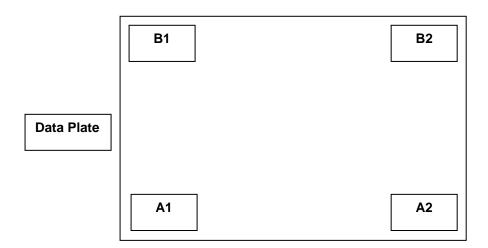




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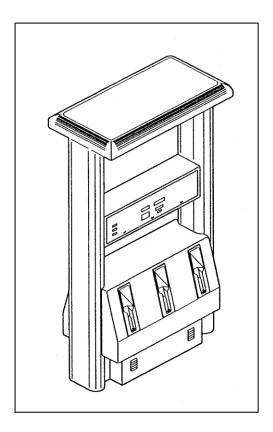
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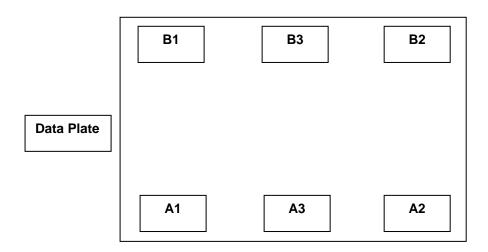




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Loline - MHD6

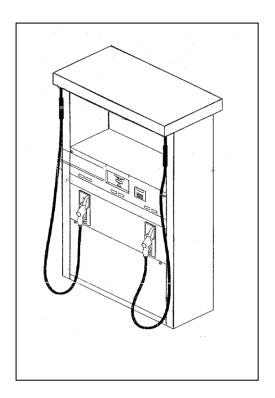


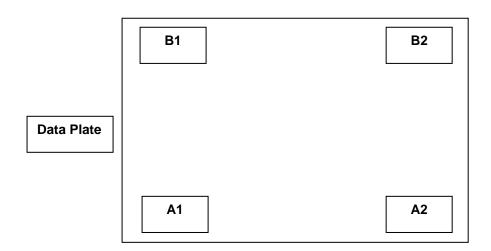


Compac Industries Pty Ltd

Hiline - MHD4

Hiline - MHP4

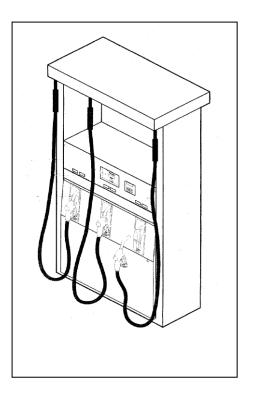


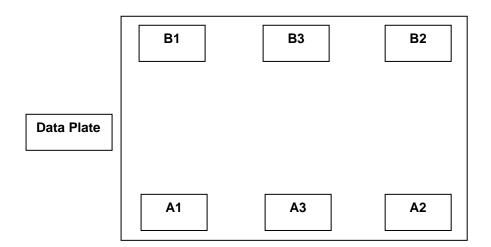


Compac Industries Pty Ltd

Hiline - MHD6

Hiline - MHP6

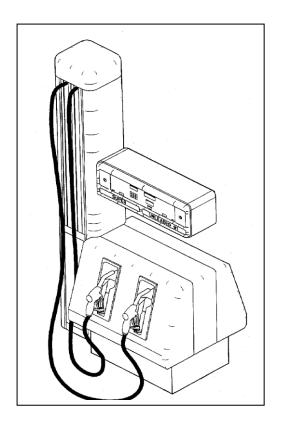


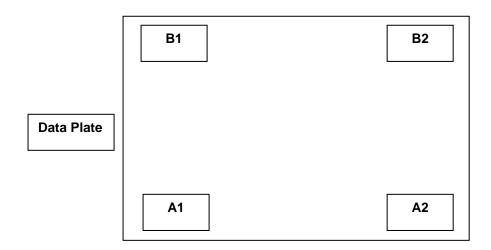


Compac Industries Pty Ltd

E- MHD4A

E – MHP4A

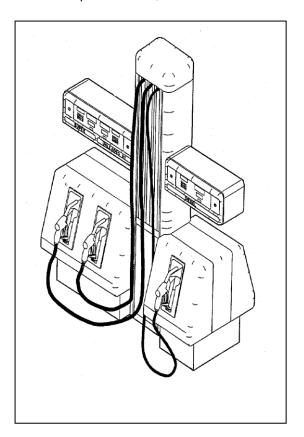


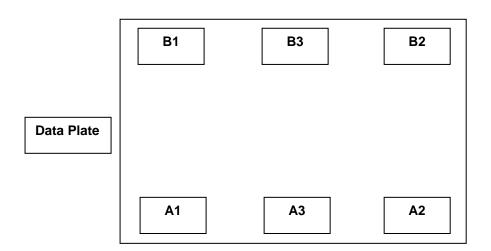


Compac Industries Pty Ltd

E- MHD6A

E – MHP6A

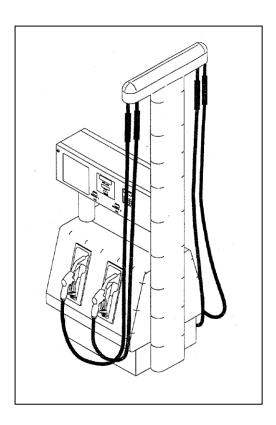


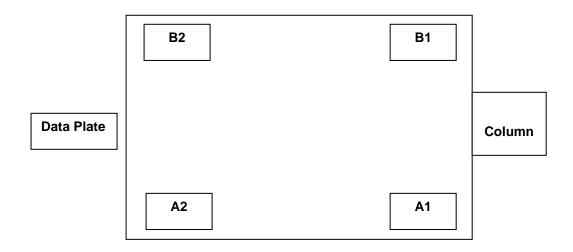


Compac Industries Pty Ltd

MHD4

MHP4

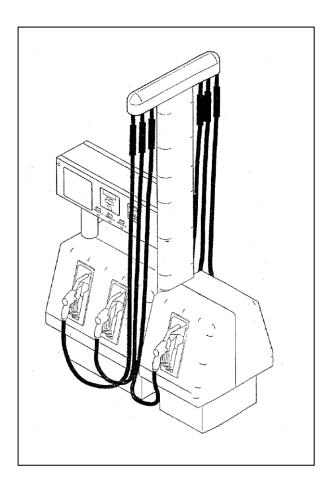


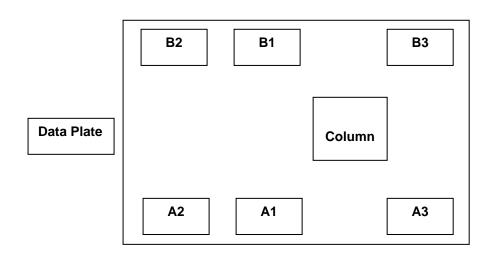


Compac Industries Pty Ltd

Hiline - MHD6

Hiline - MHP6



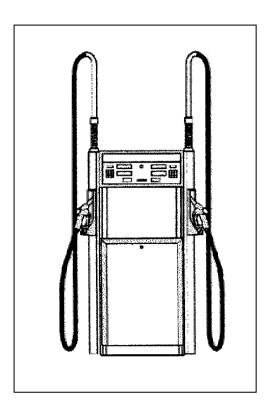


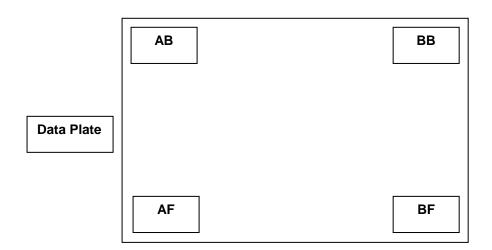
NMI 5/6A/92A

PEC/Production Engineering

Model: 1401P

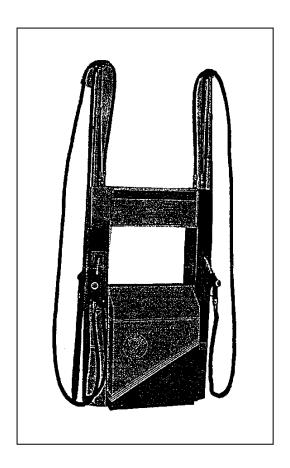
Where the serial number on the data plate is 921246, hose AF becomes serial number 921246AF

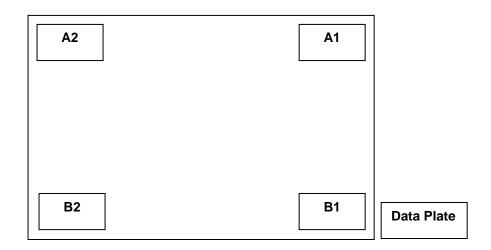




Email Petroleum Systems

VNP4



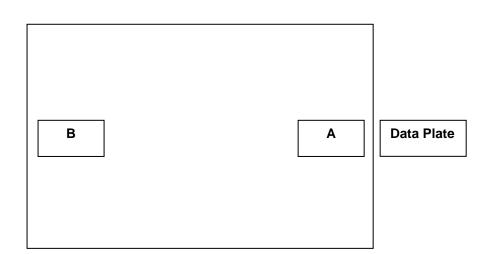


NMI 5/6A/97A

Fuelquip Pty Ltd

VNP2PD-K-E



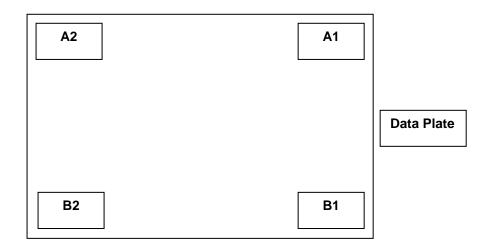


NMI 5/6A/97A

Fuelquip Pty Ltd

VNP2PD-K-E



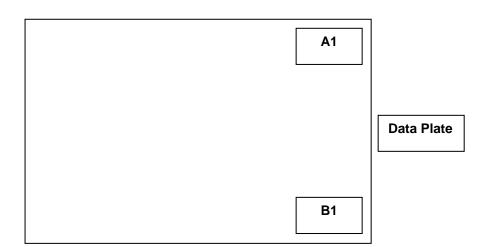


NMI 5/6A/97A

Fuelquip Pty Ltd

VNP2PD-K-E

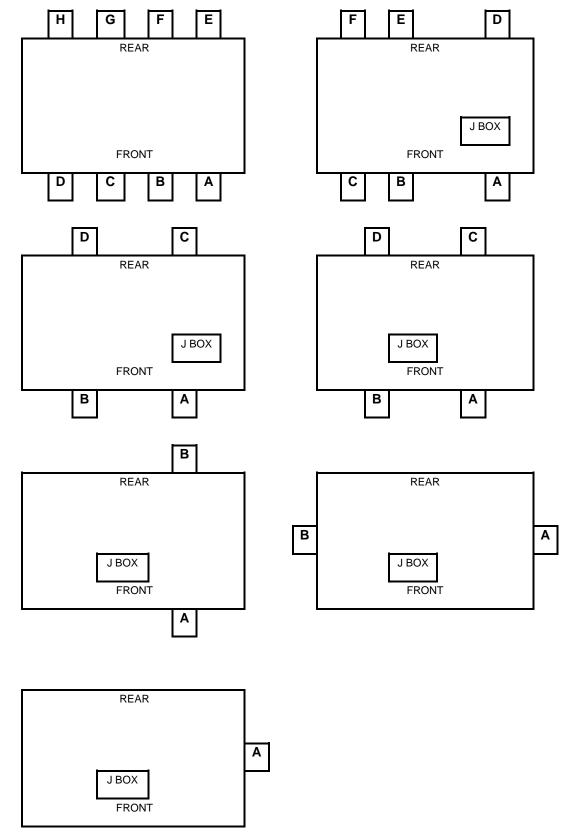




Gilbarco Australia Pty Ltd

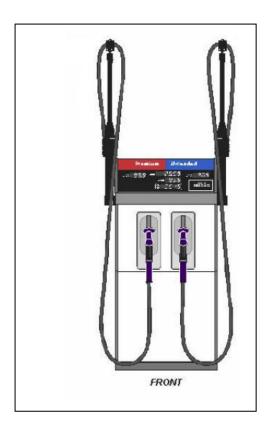
Model T18XYZ - X can be 5, 6 or 7; Y can be P or D; Z can be 1 to 8

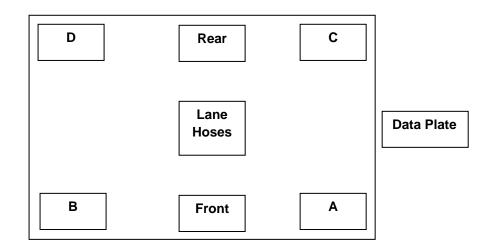
Where the serial number on the data plate is 7000000, hose A becomes 7000000A



Gilbarco Australia Pty Ltd

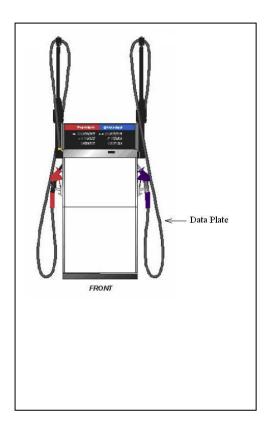
Where the serial number on the data plate is 12345, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 123456A

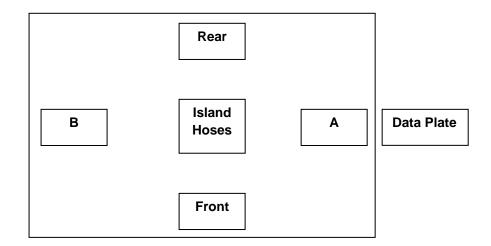




Gilbarco Australia Pty Ltd

Where the serial number on the data plate is 12345, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 123456A

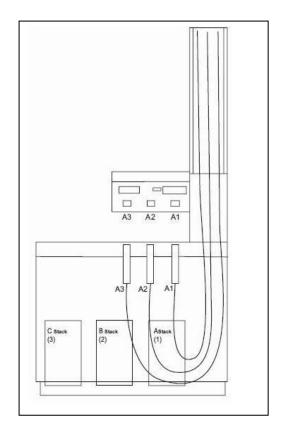


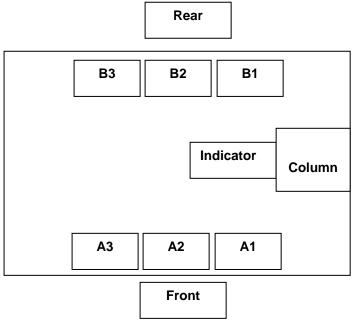


PEC/Production Engineering

Model 9000 and H9000

Where the serial number on the data plate is 39884, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 39884A1





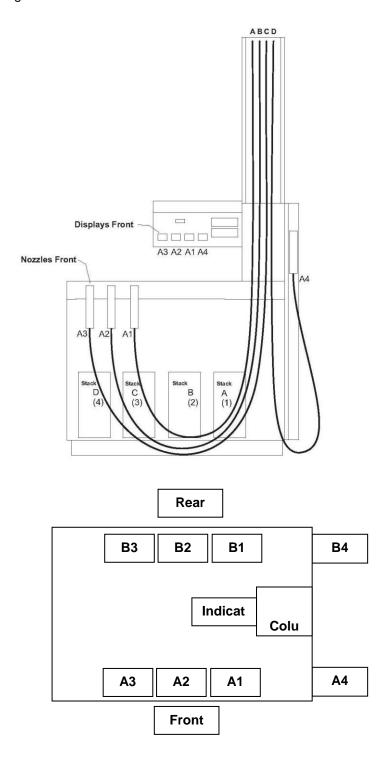
NMI 5/6A/208 (with hoses on the column)

PEC/Production Engineering

Model 9000 and H9000 with hoses on the hose column.

Where the serial number on the data plate is 39884, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 39884A1.

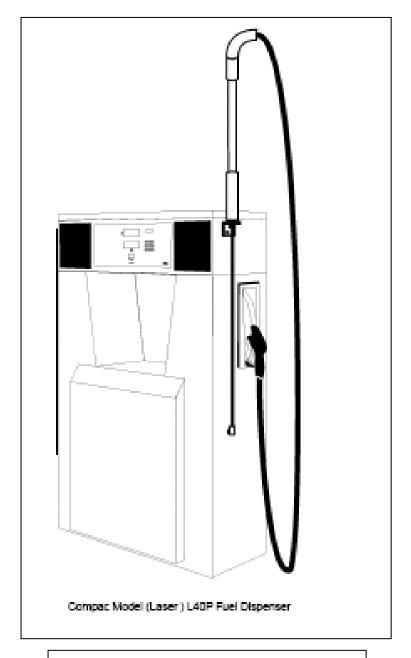
The suffix to the serial number (e.g. A1) is based on the number of hoses the driveway flowmeter has. If the example below only had 3 hoses on each side the numbering would be A1, A2, A3 and B1, B2 B3, with A3 and B3 being the hoses on the column.



Compac Industries Pty Ltd

Laser Frame

Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1

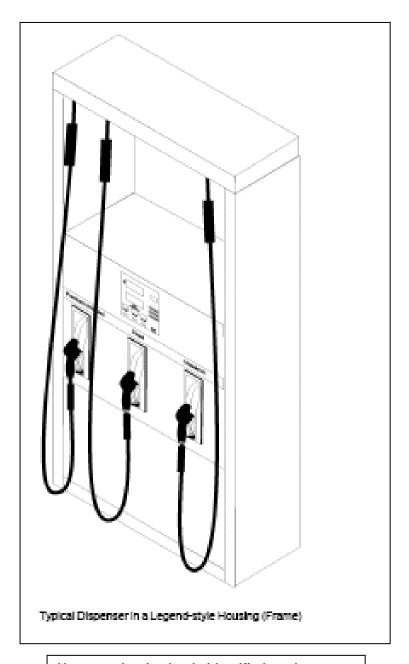


Hose number is clearly identified on the meter

Compac Industries Pty Ltd

Laser Frame

Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1

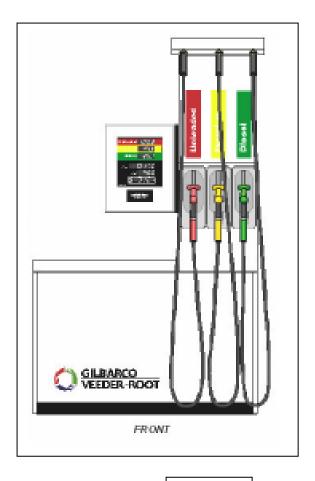


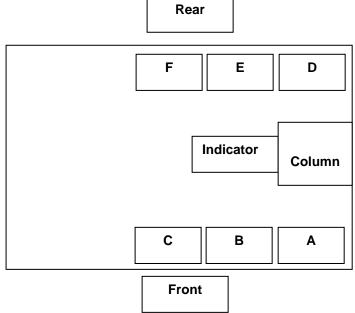
Hose number is clearly identified on the meter

Gilbarco Australia Pty Ltd

Lowline MK3

Where the serial number on the data plate is 12345, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 123456A



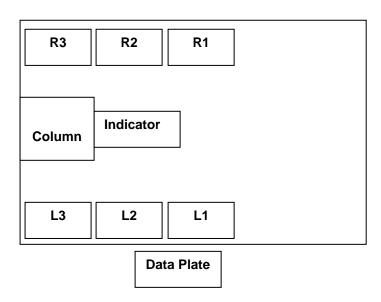


Wayne Dresser

Model: Global Star

Where the serial number on the data plate is 39884, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 39884L1





Wayne Dresser

Model: Global Star

Where the serial number on the data plate is 39884, the hose closest to the data plate is hose A and the hose furthest from the data plate is hose B. Where the housing serial number is 39884, HOSE A is serial number 39884A and hose B is serial number 39884B.

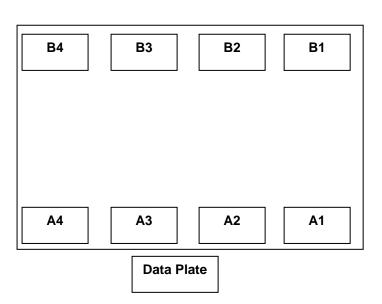


Wayne Dresser

Model: Global Vista

Where the serial number on the data plate is 939884, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 939884A2



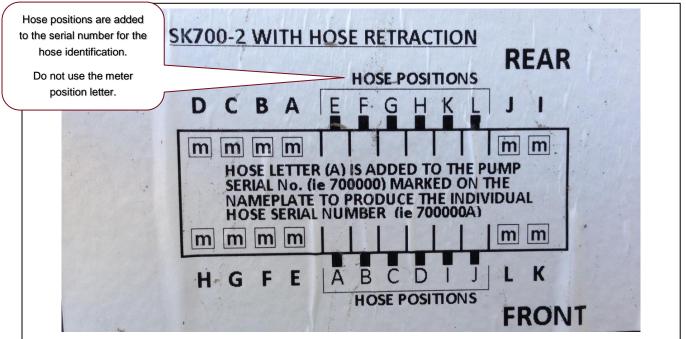


Gilbarco Australia Pty Ltd

SK700 Series

The numbering guide is on the J Box inside the metering cabinet on the same side as the data plate. The allocated suffix for a hose is as per the numbering guide, for example a 4 hose dispenser is numbered 12345A, 12345B, 12345E and 12345F.



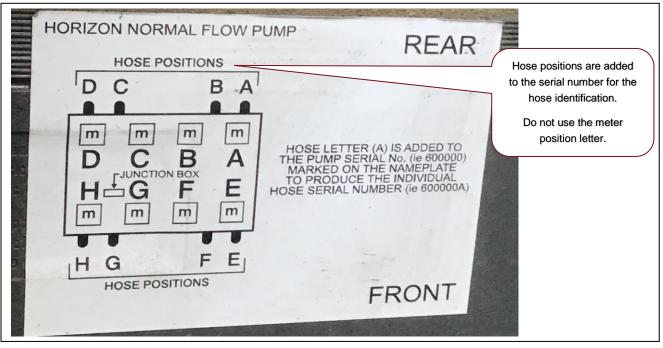


Gilbarco Australia Pty Ltd

Horizon series

The numbering guide is on the J Box inside the metering cabinet. The allocated suffix for a hose is as per the numbering guide, for example an 8 hose dispenser is numbered 12345A, 12345B, 12345C, 12345D, 12345E and 12345F, 12345G, 12345H.





NMI 5/6A/229 - C Series

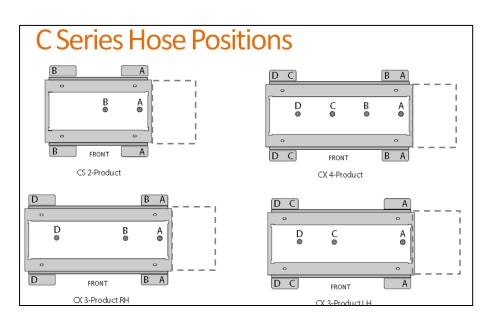
Gallagher Fuel Systems Ltd

Pulse Model C Series

To determine the front of the dispenser, stand in front of the dispenser and if the lock on the indictor panel (as indicated below) is on your left you are looking at the front of the dispenser.

Where the serial number on the data plate is 939884, hose letters and letters to indicate front or back (F and B) are added to the instrument serial number for individual hose serial numbers e.g. 939884AF, 939884AB, 939884BF, 939884BB, 939884CF, 939884CB etc.





NMI 5/6A/229 - L Series

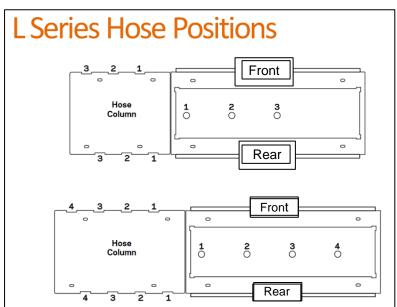
Gallagher Fuel Systems Ltd

Pulse Model L Series

Standing looking at the dispenser with the hose column to your right is the FRONT of the dispenser.

Where the serial number on the data plate is 939884, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 939884F1.



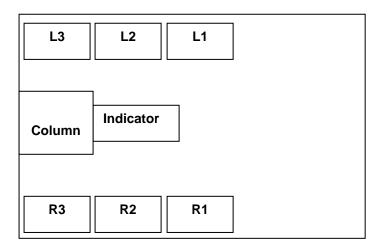


Sanki

Model: Various

Where the serial number on the data plate is 939884, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 939884R1



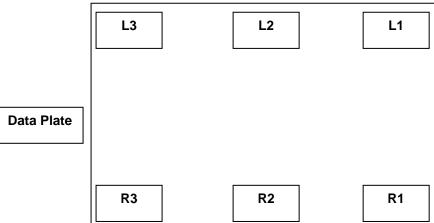


Sanki

Model: Various

Where the serial number on the data plate is 939884, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 939884R1





NMI 5/6A/232

Wayne

Model: Various

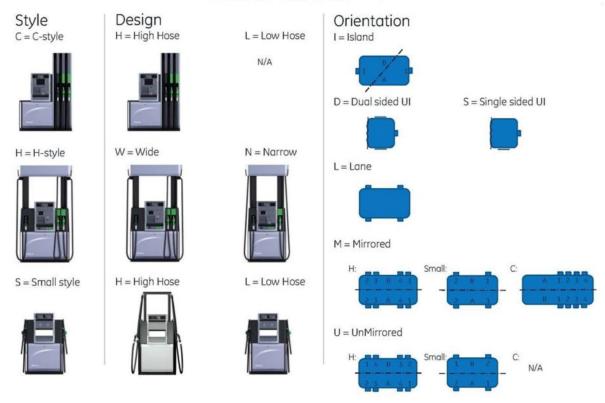
Where the serial number on the data plate is 939884, the side identification (A or B) and hose number are added to the instrument serial number for individual hose serial numbers e.g. 939884A1, 939884B2

A and B side is recognized by removing one of the doors from the hydraulic cabinet and look at the sheet metal support for pumping units (suction-dispensers) or meters (remote-dispensers). There is the letter A or B punched in to the sheet metal as can be seen in the pictures below.



remote pump

FIGURE 5/6A/232 - 6



Shape and Orientation of Wayne Helix Fuel Dispensers Variant 1 (refer Table 1)

NMI 5/6A/235 - pending advice from manufacturer for serial number details.

Zhejiang

Model: Knight Series

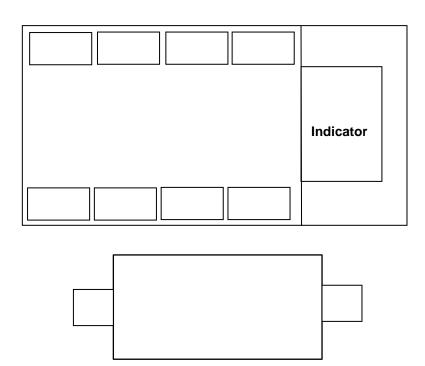
Where the serial number on the data plate is XXXXXXX, hose letters are added to the instrument serial number for individual hose serial numbers e.g. XXXXXXX









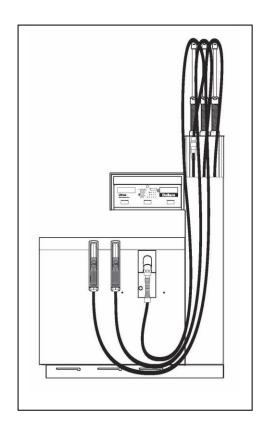


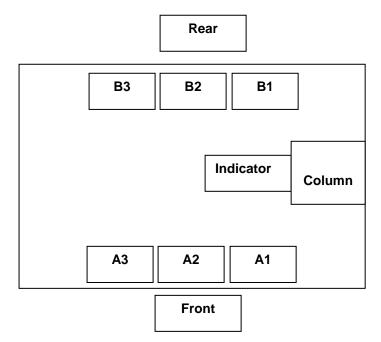
NMI 5/6M/2

PEC/Production Engineering

Model 9000 and H9000

Where the serial number on the data plate is 39884, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 39884A1



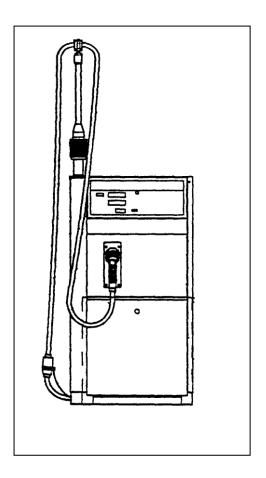


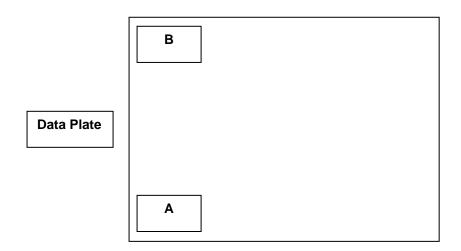
D J Batchen Pty Ltd

Model CII - DWE

Model CII - DWP

Where the serial number on the data plate is 1234, hose A will have the serial number 1234A



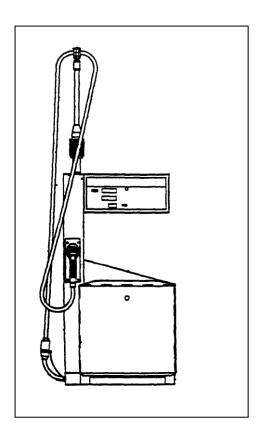


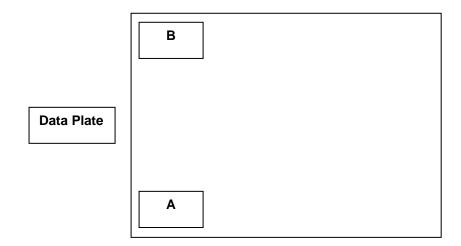
D J Batchen Pty Ltd

Model CII – DCE

Model CII - DCP

Where the serial number on the data plate is 1234, hose A will have the serial number 1234A



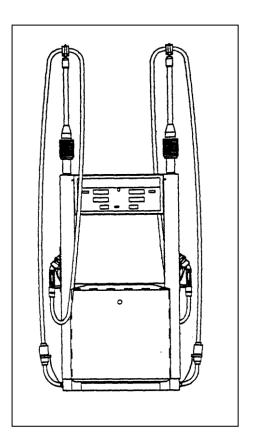


D J Batchen Pty Ltd

Model CII – DTE

Model CII - DTP

Where the serial number on the data plate is DGB2001A/B, hose A will have the serial number DGB2001A



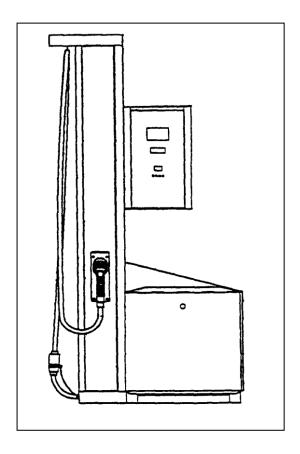
Data Plate B

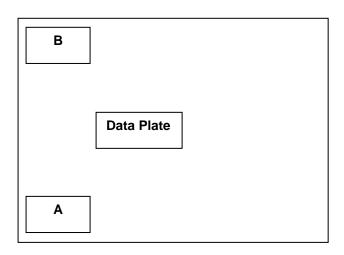
D J Batchen Pty Ltd

Model C2000 - DE

Model C2000 - DP

Where the serial number on the data plate is DGB2001, hose A will have the serial number DGB2001A $\,$



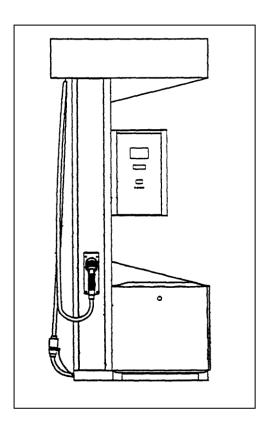


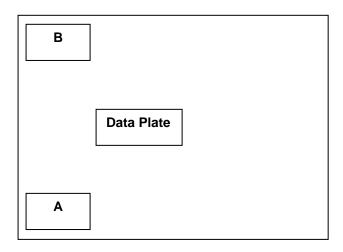
D J Batchen Pty Ltd

Model C2000 - DE

Model C2000 - DP

Where the serial number on the data plate is DGB2001, hose A will have the serial number DGB2001A $\,$

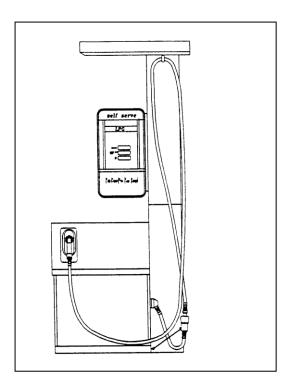


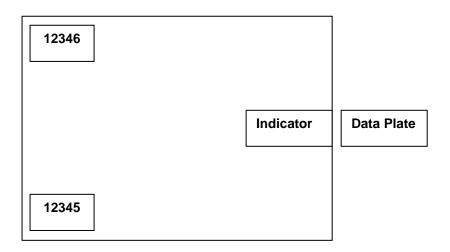


Gilbarco Australia Pty Ltd

T097QD-1

Where the serial number on the data plate is 12345/46, hose 1 is serial number 12345 and hose 2 is 12346

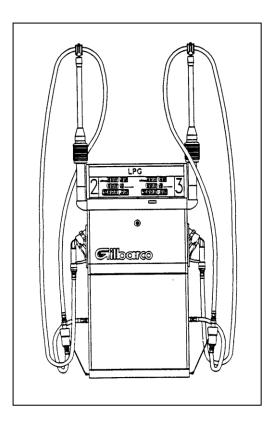


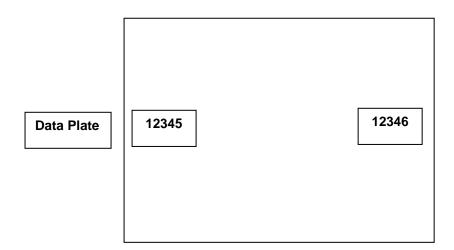


Gilbarco Australia Pty Ltd

T090KD

Where the serial number on the data plate is 12345/46, hose 1 is serial number 12345 and hose 2 is 12346

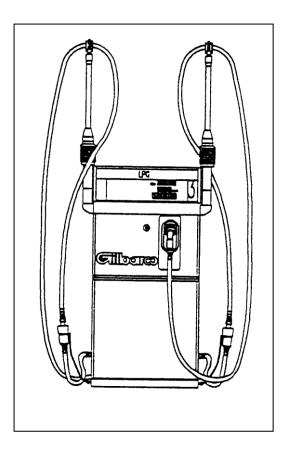


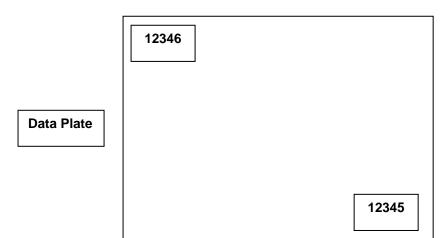


Gilbarco Australia Pty Ltd

T094KD-1

Where the serial number on the data plate is 12345/46, hose 1 is serial number 12345 and hose 2 is 12346





Compac Industries Pty Ltd

Hiline - MHD6Z

Hiline - MHD6ZA

Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1

