



Consumer and
Corporate Affairs Canada

Legal Metrology

Consommation
et Corporations Canada

Métrieologie légale

APPROVAL No. · N° D'APPROBATION

S.WA-1031 Add. 3

AUG 24 1984

NOTICE OF APPROVAL

Company: Gilbarco Canada Limited
1360 California Avenue
Brockville, Ontario

Type of Device: Gasoline dispensers with integral electronic computing register, model Highline 111B.

Application: Retail gasoline trade, either self-serve or attendant-served installations.

Description: These dispensers utilize the liquid handling components of the Gilbarco "hydraulic tree", which is covered by Notice of Approval S.WA-867, with some configuration changes to permit use of a compact enclosure.

Additionally, the meter drive shaft is modified so that a pulser together with a mechanical totalizer can be directly driven by the meter. Alternately, if the pulser model number T12672-G2 (Failsafe) is used a mechanical totalizer is not required.

The dispenser register (C.D. module) is the full electronic type incorporating a microprocessor which receives input from the meter-driven pulser unit and provides a digital display of money and volume registration by means of seven-segment gas discharge tubes.

For attendant-served and self-served installations the system's capabilities and operations are as described in Notices of Approval S.WA-964, S.WA-1030, S.WA-1031, S.WA-1080, S.WA-1081 and S.WA-1039 as applicable.

AVIS D'APPROBATION

Société: Gilbarco Canada Ltd.
1360 California Avenue
Brockville, Ontario

Appareil: Distributeurs d'essence munis d'un totalisateur électronique solidaire, modèle Highline 111B.

Utilisation: Vente de l'essence au détail dans les stations libre-service ou ordinaire.

Description: Les présents distributeurs utilisent les bâtis et les composants hydraulique discuter dans l'avis d'approbation S.WA-867, quelque changements dans leurs configurations permet d'utiliser un petit cabinet.

De plus, l'arbre d'entraînement du compteur a été adapté de façon que le pulseur de même que le totalisateur mécanique soient entraînés par le compteur. Lorsque le pulseur modèle T12672-G2 (Failsafe) est utiliser un totalisateur mécanique n'est pas nécessaire.

L'enregistreur des distributeurs est de type entièrement électronique et comprend un microprocesseur qui reçoit les impulsions du pulseur commandé par le compteur et qui assure l'affichage numérique du prix et du volume enregistrés, grâce à des tubes à décharge à sept segment d'affichage.

Dans le cas de stations libre-service et de stations ou le service est assuré par un préposé, les caractéristiques et modes de fonctionnement sont décrits dans les avis d'approbation S.WA-964, S.WA-1030, S.WA-1031, S.WA-1080, S.WA-1081 et S.WA-1039 selon le cas.

Gilbarco CANADA LTD ENGINEERING DEPARTMENT	NUMBER 99	REVISION 82	PAGE 1 OF 1
	EFFECTIVE DATE THIS DATE	DATE REVISED 23 NOV., 1978.	
	APPROVED <i>E.W.G. Morgan</i> E.W.G. MORGAN.		

SUBJECT HIGHLINE 111B MODEL NUMBER CODE.

NOTE: TO COMPLETE CODE SEE SHEET NUMBER 98, COMPUTER/DISPLAY (C.D.) MODULE CODE, AND ADD G-- NUMBER IN NINTH, TENTH AND ELEVENTH POSITION OF MODEL NUMBER REQUIRED.

ECB

- E CANADA.
- C ELECTRONIC GAS PUMP/DISPENSER.
- B NORTH AMERICAN.

ECBX

- A DISPENSER, STANDARD GALLONAGE.
- B PUMP, STANDARD GALLONAGE.
- C DISPENSER, HIGH GALLONAGE.
- D PUMP, HIGH GALLONAGE

ECBXX

- A SINGLE.
- B DUAL ONE PRODUCT.
- C DUAL TWO PRODUCT.

ECBXXX

- E STANDARD NOZZLE BOOT-- WITH TOTALIZER, IMP.GAL.
- G STANDARD NOZZLE BOOT - WITH TOTALIZER, METRIC.

ECBXXXX

- A FULL SERVICE AND FILL UP - SINGLE PULSING - LESS V.D.I.
- B PRESET - SINGLE PULSING - LESS V.D.I.
- C FULL SERVICE AND FILL UP - SINGLE PULSING - WITH V.D.I.
- D PRESET - WITH V.D.I.

ECBXXXXX


- O ORIGINAL RELEASE (HIGHLINE 111A)
- A FIRST MAJOR REVISION (HIGHLINE 111B)

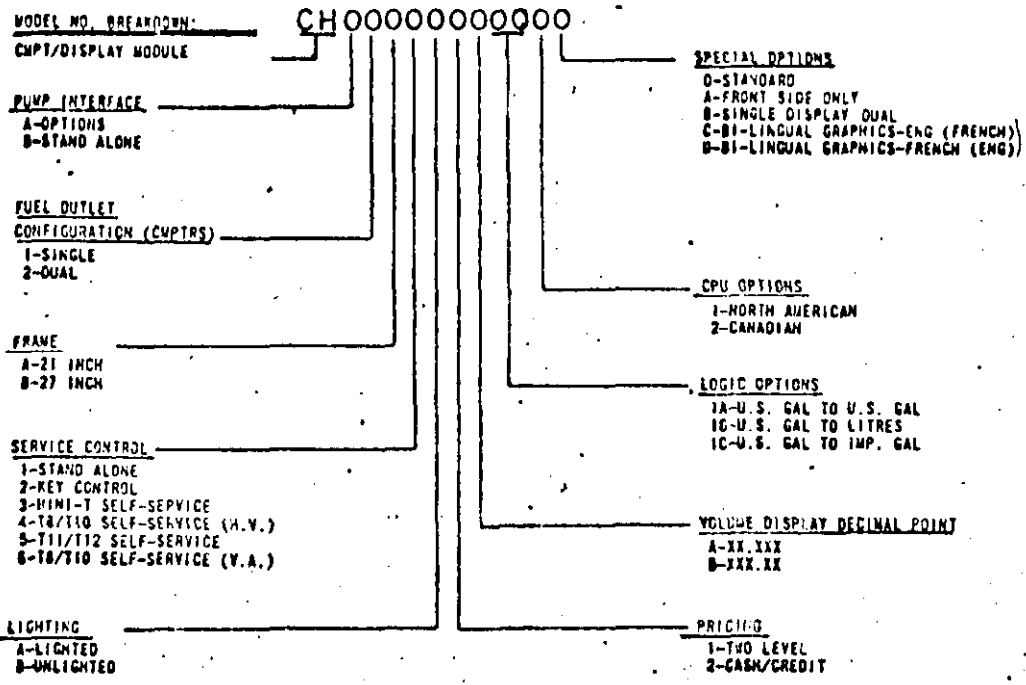
ECBXXXXXXXX

- G-- C.D. MODULE 'G' CODE NUMBER. SEE ABOVE NOTE.

ECBXXXXXXXXXX

- 00 MINOR VARIATIONS
- 0A PAINTED LOWER PANELS, LESS LOCKS.
- 0B STAINLESS STEEL LOWER PANELS, LESS LOCKS.
- 0C PAINTED LOWER PANELS, WITH LOCKS.
- 0D STAINLESS STEEL LOWER PANELS, WITH LOCKS.

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	EFFECTIVE DATE	8 NOVEMBER 1978		DATE OF REVISION			
	APPROVED BY		<i>E. W. G. Morgan</i>		E. W. G. MORGAN.		
	SUBJECT COMPUTER DISPLAY MODULE (C.D.MODULE) CODE. USED IN CONJUNCTION WITH HIGHLINE 111B SERIES OF PUMPS AND DISPENSERS.						



A/. THE ABOVE CODE, 13 DIGIT ALPHANUMERICAL, IS TO BE USED WHEN ORDERING C.D.MODULES NOT ASSEMBLED WITH HIGHLINE 111B UNITS.

B/. THE FOLLOWING G --- CODE IS TO BE USED IN NINTH, TENTH AND ELEVENTH PLACES OF FULL HIGHLINE 111B MODEL NUMBER ON DATA PLATE AT ASSEMBLY IN PLANT, OR WHEN ORDERING COMPLETE HIGHLINE 111B FROM GREENSBORO.

'G' CODE

- | | | |
|------------------------|------------------------|-------------------------|
| G13.....CHB1A1A1A1C20. | G37.....CHB1A1A1B1C20. | G56.....CHA2A3A1A1C20. |
| G14.....CHB2A1A1A1C20. | G38.....CHB2A1A1B1C20. | G57.....CHA2B3A1A1C20. |
| G15.....CHA1A4A1A1C20. | G39.....CHA1A4A1B1C20. | G58.....CHA1A3A1B1C20. |
| G16.....CHA2A4A1A1C20. | G40.....CHA2A4A1B1C20. | G59.....CHA2A3A1B1C20. |
| G17.....CHA1A6A1A1C20. | G41.....CHA1A6A1B1C20. | G60.....CHA2B3A1B1C20. |
| G18.....CHA2A6A1A1C20. | G42.....CHA2A6A1B1C20. | G193.....CHA2B3A1A1C2B. |
| G19.....CHA1A5A1A1C20. | G43.....CHA1A5A1B1C20. | G194.....CHA2B3A1B1C2B. |
| G20.....CHA2A5A1A1C20. | G44.....CHA2A5A1B1C20. | G195.....CHA1A4A1A1C2B. |
| G21.....CHB1B1A1A1C20. | G46.....CHA2B4A1B1C20. | G196.....CHA1A4A1B1C2B. |
| G22.....CHA2B4A1A1C20. | G47.....CHA2B6A1B1C20. | G197.....CHA2A4A1A1C2B. |
| G23.....CHA2B6A1A1C20. | G48.....CHA2B5A1B1C20. | G198.....CHA2A4A1B1C2B. |
| G24.....CHA2B5A1A1C20. | G55.....CHA1A3A1A1C20. | G199.....CHA2B4A1A1C2B. |

(CONTINUED)



CANADA LTD

ENGINEERING DEPARTMENT

NUMBER 98	REVISION 83	PAGE 2 OF 2
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APPROVED BY		

SUBJECT

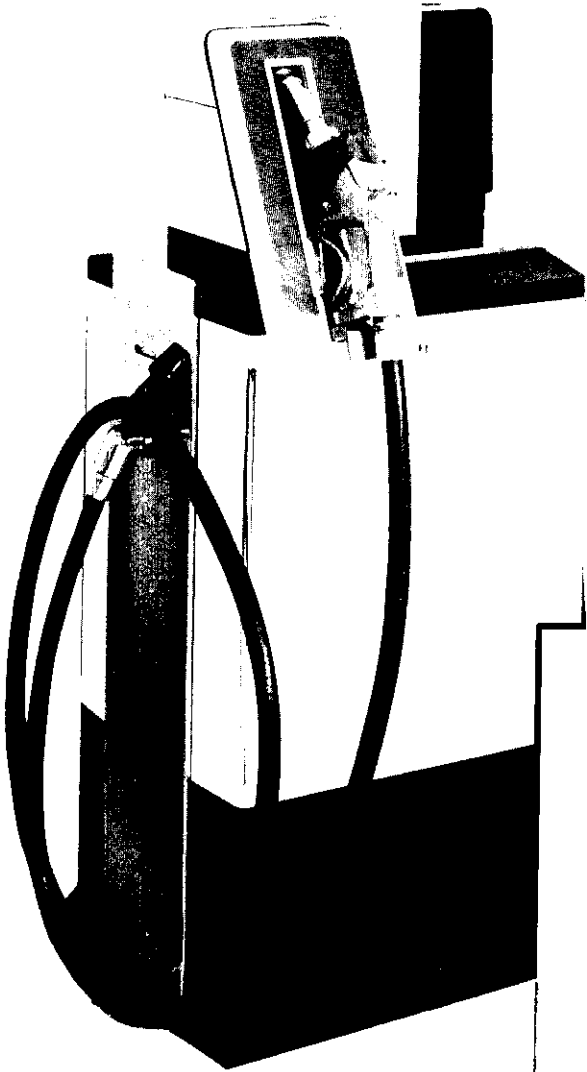
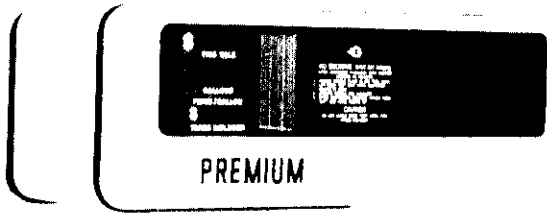
CONTINUED FROM SHEET 1.

'G' CODE

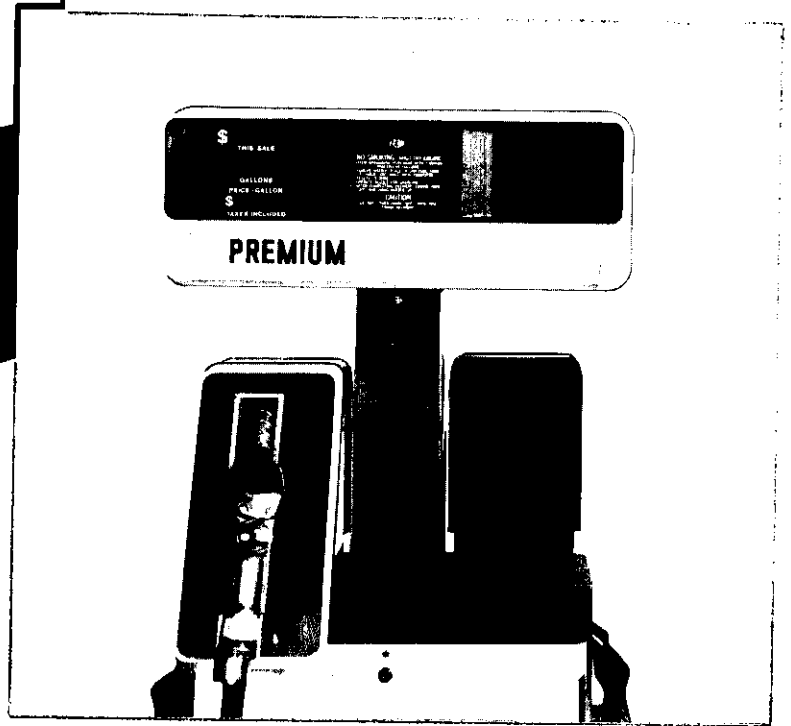
G200....CHA2B4A1B1C2B.	G222....CHA2B5A2B1B2C.	G245....CHA1A3A2B1B2C.
G201....CHA1A5A1A1C2B.	G223....CHA2B5A1B1B2C.	G246....CHA1A3A1B1B2C.
G202....CHA1A5A1B1C2B.	G224....CHA2B5A2B1B2D.	G247....CHA1A3A2B1B2D.
G203....CHA2A5A1A1C2B.	G225....CHA2B5A1B1B2D.	G248....CHA1A3A1B1B2D.
G204....CHA2A5A1B1C2B.	G226....CHA1A6A2B1B2C.	G249....CHA2B3A2B1B2C.
G205....CHA2B5A1A1C2B.	G227....CHA1A6A1B1B2C.	G250....CHA2B3A1B1B2C.
G206....CHA2B5A1A1C2B.	G228....CHA1A6A2B1B2D.	G251....CHA2B3A2B1B2D.
G207....CHA1A6A1A1C2B.	G229....CHA1A6A1B1B2D.	G252....CHA2B3A1B1B2D.
G208....CHA1A6A1B1C2B.	G230....CHA2A6A2B1B2C.	G253....CHA1A4A2B1B2C.
G209....CHA2A6A1A1C2B.	G231....CHA2A6A1B1B2C.	G254....CHA1A4A1B1B2C.
G210....CHA2A6A1B1C2B.	G232....CHA2A6A2B1B2D.	G255....CHA1A4A2B1B2D.
G211....CHA2B6A1A1C2B.	G233....CHA2A6A2B1B2D.	G256....CHA1A4A1B1B2D.
G212....CHA2B6A1B1C2B.	G234....CHA2B6A2B1B2C.	G357....CHA2A4A2B1B2C.
G213....-----	G235....CHA2B6A1B1B2C.	G258....CHA2A4A1B1B2C.
G214....CHA1A5A2B1B2C.	G236....CHA2B6A2B1B2D.	G259....CHA2A4A2B1B2D.
G215....CHA1A5A1B1B2C.	G237....CHA2B6A1B1B2D.	G260....CHA2A4A1B1B2D.
G216....CHA1A5A2B1B2D.	G238....-----	G261....CHA2B4A2B1B2C.
G217....CHA1A5A1B1B2D.	G239....-----	G262....CHA2B4A1B1B2C.
G218....CHA2A5A2B1B2C.	G240....-----	G263....CHA2B4A2B1B2D.
G219....CHA2A5A1B1B2C.	G241....CHA1A3A2B1B2C.	G264....CHA2B4A1B1B2D.
G220....CHA2A5A2B1B2D.	G242....CHA1A3A1B1B2C.	G265....
G221....CHA2A5A1B1B2D.	G243....CHA1A3A2B1B2D.	G266....
	G244....CHA1A3A1B1B2D.	G267....
		G268....

NOTE: WHEN 'G' CODE EXTENDS BEYOND THREE DIGITS (WITH LETTER 'G'), THEN THE LETTER 'G' IS NOT TO BE INCLUDED WHEN NUMBER IS ENTERED IN HIGHLINE 111B CODE TO COMPLETE IT.

GILBARCO HIGHLINE 111B DISPENSERS



Duel dispenser with nozzle
rests facing front and back



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Purpose of Use: Use in trade is permitted for the purpose of measuring and establishing a charge for the product delivered.

Required Markings: Markings shall be in accordance with the applicable requirements of the Weights and Measures Regulations.

Condition of Approval: Approval is granted under the Weights and Measures Act, S.C. 1970-71-72, chapter 36, and the Weights and Measures Regulations C.R.C.c., 1605 for use in Canada under the general conditions of the said Regulations, and under any special conditions listed above.

Reference No.: G6953-188-9

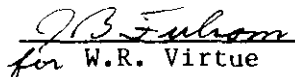
Utilisation: L'utilisation commerciale est autorisée aux fins de mesurage et pour établir le coût total pour le produit livré.

Inscription prescrites: Tous les appareils du types décrits ci-dessus devront porter les inscriptions pertinentes prescrites par le règlement sur les poids et mesures.

Conditions d'approbation: L'approbation est accordée conformément à la Loi sur les poids et mesures S.R.C. 1970-71-72, chapitre 36, et au règlement d'application C.R.C.c. 1605. L'emploi est autorisé au Canada sous réserve des conditions générales dudit règlement et de toutes les conditions particulières formulées dans le présent avis.

N° de référence: G6953-188-9

Chief
Legal Metrology Laboratories


for W.R. Virtue

AUG 2 1984

Chef
Laboratoires de la Métrologie légale