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CERTIFICATE OF APPROVAL No 5/6A/24

VARIATION No 4

CANCELLED

0/2

This Certificate replaces Certificate of Approval No 5/6A/24 - Variation Nos 1, 2 and 3 dated 9 May 1974, 14 June 1974 and 13 April 1976, which were cancelled on 25 June 1976.*

This is to certify that the following modifications of the patterns of the

Gilbarco Driveway Flowmeters Model T166A and Others

approved in Certificate No 5/6A/24 dated 27 October 1971

submitted by Gilbarco Australia Ltd,
16-34 Talavera Road,
North Ryde, New South Wales, 2113,

have been approved under the Weights and Measures (Patterns of Instruments) Regulations as being suitable for use for trade.

Date of Approval: Modifications Nos 1 to 6: 25 June 1976
Modifications Nos 7 and 8: 17 December 1976

The approved modifications, described in Technical Schedule No 5/6A/24 - Variation No 4 and in drawings and specifications lodged with the Commission, provide for:

1. Gilbarco T173-0037 pulse transmitter(s)
2. Gas-separation test valve
3. EMCO 200A automatic hose nozzle
4. ZVA Slimline automatic hose nozzle
5. T167L dual Trimline driveway flowmeter
6. Conversion of all driveway flowmeter models to indicate in metric units in accordance with Appendix 14 of the General Specifications for Measuring Instruments to be Used for Trade
7. A modified nozzle hang-up holster and starting-lever linkage
8. Relocation of the final filter

The approval in Certificate of Approval No 5/6A/24 dated 27 October 1971 of driveway flowmeter models which are not fitted with a gas-separation test valve is cancelled as from 31 December 1977, after which date all new instruments shall be fitted with a test valve.

The approval is subject to review on or after 1 June 1979.

All instruments conforming to this approval shall be marked with the approval number "NSC No 5/6A/24".

Signed

Executive Officer

* Certificate of Approval No 5/6A/24 - Variation Nos 1, 2 and 3 may be destroyed.

10/3/77

CANCELLED Cert. No 2

COMMONWEALTH OF AUSTRALIA

NATIONAL STANDARDS COMMISSION

Weights and Measures (National Standards) Act 1960-1966

Weights and Measures (Patterns of Instruments) Regulations

Certificate of Approval

CERTIFICATE NUMBER 5/6A/24

This Certificate replaces Certificate No 5/6A/24 dated 6th April, 1970.*

In respect of the pattern of

Gilbarco Trimline Single Driveway Flowmeter Model T166A and Variants.

Submitted and manufactured by: Gilbarco Australia Ltd.,
16-34 Talavera Road,
North Ryde,
New South Wales. 2113.

This is to certify that the pattern and variants of the instrument illustrated and described in this Certificate have been examined by the National Standards Commission under the provisions of the abovementioned Regulations and have been approved as being suitable for use for trade.

The pattern and one variant were approved on 27th June, 1968, and further variants were approved on 9th September, 1968, 28th October, 1969, 2nd April, 1970, and 19th October, 1971.

Approval of the pattern and the variant tabulated in Column 7 of Figure 18, and approval of the variants which include Component

* NOTE: Figures 5/6A/24 - 1, 2 and 4 to 17 of the previous issue form part of the Certificate and must be retained.

Cont'd over

No 11 was withdrawn on 2nd April, 1970.

Approval was granted on condition that all instruments made in conformity with this Certificate:

1. are appropriately marked NSC No 5/6A/24; and

2. comply with the General Specifications for Weighing and Measuring Instruments to be Used for Trade.

This Certificate comprises:

Pages 1 to 9 dated 27th October, 1971.
Figure 5/6A/24 - 3 dated 27th October, 1971.
Figures 5/6A/24 - 2, 4, 5 and 7 to 11 dated 5th November, 1969.
Figures 5/6A/24 - 1, 6 and 12 to 17 dated 6th April, 1970.
Figures 5/6A/24 - 18 to 22 dated 27th October, 1971.

Date of issue 27th October, 1971.

Signed

A person authorised by the Commission to sign Certificates under the abovementioned Regulations.

*DESCRIPTION OF PATTERN

The pattern (see Figure 1) is of a driveway flowmeter which comprises the components tabulated in Column 5 of Figure 18, which when assembled in a steel cabinet and arranged as shown in Figure 2 is known as the Gilbarco Trimline Single Driveway Flowmeter Model T166A.

The hydraulic diagram is illustrated in Figure 3 and the maximum flow rate is 12 gallons per minute.

DESCRIPTION OF VARIANTS

1. The components tabulated in Column 6 of Figure 18, assembled in a housing and with the components arranged as in the pattern (see Figure 2), make up variants known as the Gilbarco Trimline Single Driveway Flowmeter Model T166A.

   The hydraulic diagram is illustrated in Figure 3 and the maximum flow rate is 12 gallons per minute.

2. Two sets of the components tabulated in Columns 7* or 8 of Figure 18, assembled in a housing and with the components arranged as shown in Figure 7, make up variants which comprise two flowmeters in a single housing, known as the Gilbarco Trimline Dual Driveway Flowmeter Model T167A (see Figure 6).

   The hydraulic diagram is illustrated in Figure 8 and the maximum flow rate is 12 gallons per minute.

3. The components tabulated in Column 9 of Figure 18, assembled in a housing and with the components arranged as in the pattern (see Figure 2), make up variants known as the Gilbarco Trimline Single Driveway Flowmeter Model T166M.

   The hydraulic diagram is illustrated in Figure 3 and the maximum flow rate is 12 gallons per minute.

4. Two sets of the components tabulated in Column 10 of Figure 18, assembled in a housing and with the components arranged as in

* Approval of the lead-and-wire sealing withdrawn 2nd April, 1970.

variant 2 (see Figure 7), make up variants, which comprise two flowmeters in a single housing, known as the Gilbarco Trimline Dual Driveway Flowmeter Model T167K.

The hydraulic diagram is illustrated in Figure 8 and the maximum flow rate is 12 gallons per minute.

5. One set of the components tabulated in Column 8 and one set of the components tabulated in Column 10 of Figure 18, assembled in a housing and with the components arranged as in variant 2 (see Figure 7), make up variants, which comprise two flowmeters in a single housing, known as the Gilbarco Trimline Dual Driveway Flowmeter Model T167J.

The hydraulic diagram is illustrated in Figure 8 and the maximum flow rate is 12 gallons per minute.

6. The components tabulated in Column 11 of Figure 18, assembled, with the exception of the pump which is remotely located, in a housing and with the components — with the exception that the pump is removed, a gas separator is fitted, and the liquid pipe from the float chamber is taken to the suction side of the remote pump (see Figure 10) — arranged as in the pattern (see Figure 2), make up variants known as the Gilbarco Trimline Single Driveway Flowmeter Model T171B. The remote pump is operated by the starting handle.

The hydraulic diagram, other than as noted above, is the same as the pattern (see Figure 3) and the maximum flow rate is 12 gallons per minute.

7. Two sets of the components tabulated in Column 12 of Figure 18, assembled, with the exception of the pumps which are remotely located, in a housing and with the components — with the exception that the pumps are removed, gas separators are fitted, and the liquid pipes from the float chambers are taken to the suction side of the remote pumps (see Figure 10) — arranged as in variant 2 (see Figure 7), make up variants, which comprise two flowmeters in a single housing, known as the Gilbarco Trimline Dual Driveway Flowmeter Model T172B. The remote pumps are operated by the starting handles.

The hydraulic diagram of each flowmeter, other than as noted

above, is the same as the pattern (see Figure 3), and the maximum flow rate is 12 gallons per minute.

8. The components tabulated in Column 13 of Figure 18, assembled in a round housing and with the components arranged as shown in Figure 14, make up variants, known as the Gilbarco Round Single Driveway Flowmeter Model T180A or Model T180B (see Figure 12).

   The hydraulic diagram is illustrated in Figure 3 and the maximum flow rate is 12 gallons per minute.

9. Two sets of the components tabulated in Column 14 of Figure 18, assembled in a round housing and with the components arranged as shown in Figure 17, make up variants, which comprise two flowmeters in a single housing, known as the Gilbarco Round Dual Driveway Flowmeter Model T181A or Model T181B (see Figure 16).

   The hydraulic diagram of each flowmeter is illustrated in Figure 3 and the maximum flow rate is 12 gallons per minute.

10. The components tabulated in Column 15 of Figure 18, assembled in a housing and with the components, with the exception of the pump interlock and electric reset unit (see Figure 21), arranged as in the pattern (see Figure 2), make up variants known as the Gilbarco Trimline Single Driveway Flowmeter Model T166P.

    The hydraulic diagram is illustrated in Figure 3 and the maximum flow rate is 12 gallons per minute.

DESCRIPTION OF COMPONENTS

1. Pump, positive displacement rotary pump, with integral gas separator — Gilbarco T258GD (see Figure 4), in which gas separation is achieved by reducing the velocity of the liquid by passing it through a mesh strainer. The gas and a small proportion of the liquid are forced by pump pressure through an orifice to the float chamber.

2. Pump, positive displacement rotary pump, with integral gas separator — Gilbarco T258GE, Component No 1 with the connections to the meter and float chamber moved from the bottom

of the gas separator to the top.

3. Pump — positive displacement.

4. Gas separator — Gilbarco T257M as described in Certificate No 5/6A/7.

5. Float chamber — Gilbarco T257R, similar to the T257N as described in Certificate No 5/6A/7, but with the top rotated 90°. The gas discharges through a $\frac{1}{4}$ inch OD tube to the upper extremity of the hose-nozzle holster.

6. Float chamber — Gilbarco T257Q, Component No 5 with the top rotated 180°.

7. Meter — Gilbarco T262X, similar to the T262G as described in Certificate No 5/6A/7, except that the cylinder covers are made of sheet metal instead of die casting, the internal valve seal retainer is an integral part of the meter body instead of a separate fitting, and the meter-body cover is repositioned with respect to the meter body.

8. Meter — Gilbarco T262S, Component No 7 with the meter-body cover not repositioned.

9. Meter — Gilbarco T262AD, Component No 7, except that an O-ring is changed from rubber to Viton A and the meter covers are painted red and marked in white "warning Benzol — use Viton A parts only".

10. Meter — Gilbarco T262AC, Component No 8 with an O-ring changed from rubber to Viton A.

*11. Meter sealing — lead-and-wire seal as described in Certificate No 5/6A/7.

12. Meter sealing — lead-plug seal. A cap over the meter adjustment (see Figure 11) is held in place by a screw which is located beneath the lead sealing plug in an undercut hole in the sealing cup.

13. Computer — Veeder-Root 1613 as described in Certificate No 5/6A/6.

* Approval of the lead-and-wire sealing withdrawn 2nd April, 1970.

14. Computer — Veeder-Root VR 101 as described in Certificate No 5/6A/30.

15. Computer — Veeder-Root 1611, converted to decimal currency, as described in Certificate No 5/6A/11.

16. Non-return valve — Gilbarco T260Y, with integral pressure-relief valve.

17. Non-return valve — Gilbarco T260Z, with integral pressure-relief valve.

18. Non-return valve — Gilbarco T260AD, Component No 16, with a valve disc changed from rubber to Viton A.

19. Non-return valve — Gilbarco 260AE, Component No 17, with a valve disc changed from rubber to Viton A.

20. Sight glass — Gilbarco T261X, by-pass type, as described in Certificate No 5/6A/7.

21. Sight glass — Gilbarco T261AC, by-pass type (see Figure 13).

22. Back-pressure valve — Gilbarco T162-6, located downstream of the meter, between the inlet and outlet pipe of the partial-flow sight glass; it ensures that liquid flows through the sight glass by creating a pressure difference between the inlet and outlet pipe.

23. Hose — external retractable $\frac{3}{4}$ inch bore.

24. Hose — Gilbarco T249-0116, "deVilbiss" external retractable $\frac{3}{4}$ inch bore, thiokol-lined and fabric-reinforced.

25. Swivel hose coupling — fitted between the nozzle and the hose to allow the nozzle to rotate about the axis of the hose.

26. Nozzle — STM 363 automatic hose nozzle as described in Certificate No 5/6A/7.

27. Nozzle — Gilbarco T250H manual hose nozzle as described in Certificate No 5/6A/7.

28. Nozzle — OPW 1A or 1AM automatic hose nozzle, as described in Certificate No 5/6A/7.

29. Nozzle — Gilbarco T250AR, Component No 27, with two valve discs changed from rubber to Viton A.

30. Pump interlock — in returning the starting handle to the "stop" position, the motor is stopped and the interlock which prevents it from being restarted is engaged, when or before the upper face of the lever arm between the boss and the palm piece is in a horizontal position (see Figure 5).

31. Pump interlock — in returning the starting handle to the "stop" position, the motor is stopped and the interlock which prevents it from being restarted is engaged, when or before the outer corner of the palm piece adjacent to the pump casing is at a height of $9\frac{1}{4}$ inches above the top of the lug of the nozzle hang-up bracket (see Figure 9).

32. Pump interlock — Component No 31 except that the interlock occurs at a height of $7\frac{3}{4}$ inches above the top of the lug of the nozzle hang-up bracket (see Figure 15).

33. Final filter — as described in Certificate No 5/6A/1/3.

34. Dial face — on each side of the housing behind a glazed window is a white dial face with black markings.

35. Dial face — on each side of the housing behind a glazed window is a grey dial face with white markings.

36. Dial face — on each side of the housing behind a glazed window is a black dial face with white markings.

37. Nameplate — marked "approved for petroleum $\leqq$ 1 cSt", which means that the pattern is approved for liquid petroleum of viscosity not more than 1 cSt.

38. Nameplate — marked "approved for Benzol", which means that the pattern is approved for Benzol.

39. Pump interlock — the starting handle is replaced by a hinged starting lever located in the holster (see Figure 19), which

prevents the nozzle being placed on its hang-up bracket without stopping the pump motor and engaging an interlock which prevents the pump motor from being restarted (see Figure 20).

40. Electric-reset unit (see Figure 21) — the VR 101 computer, Component No 14, has its semi-automatic reset mechanism replaced by an automatic electric-reset unit.

Referring to Figures 21 and 22, removing the nozzle from the hang-up bracket allows the starting lever to rise and, through a pinned non-adjustable linkage, turn cams 1 and 2 in the electric-reset box. Cam 1 contacts the spring on lever 3, causing lever 4, which pivots on lever 3, to close the reset-motor microswitch. The reset motor, through a series of gears, drives cam 5 which, through an extended shaft, resets the computer to zero.

Lever 6, on which is pivoted the latch lever 7, rises as cam 5 turns, allowing the spring-operated latch lever 7 to rise and hook over lever 8. As cam 5 continues to turn, lever 6 and thus lever 7 are moved downward by the increasing profile of the cam. Lever 7, which has hooked over lever 8, causes it to move down, closing the pump-motor microswitch; simultaneously, the other end of lever 8 contacts lever 4, pivoting it, allowing the reset-motor microswitch to open, stopping the reset motor and cam 5.

Replacing the nozzle on the hang-up bracket pushes the starting lever down and, through the linkage, turns cams 1 and 2. Cam 2 trips the latch lever 7, allowing lever 8 to rise, opening the pump-motor microswitch and stopping the pump motor. Cam 1 rotates, allowing the spring and lever 3 to fall and lever 4 to move away from the reset-motor microswitch.

The pump motor will not restart until the entire sequence is repeated, that is, until the reset motor has reset the computer to zero.

GENERAL NOTES

A valved T-piece is provided in the pump suction pipe on Benzol dispensers to permit flushing Benzol from the dispenser.

A correction has been made to Figure 3.

NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 5/6A/24

VARIATION No 4

Pattern: Gilbarco Driveway Flowmeters Model T166A and Others approved in Certificate No 5/6A/24 dated 27 October 1971

Submittor: Gilbarco Australia Ltd,
16-34 Talavera Road,
North Ryde, New South Wales, 2113.

Certificate of Approval No 5/6A/24 - Variation Nos 1, 2 and 3 were cancelled and their Technical Schedules* withdrawn on 25 June 1976. Certificates of Approval No 5/6A/24 - Variation No 4 and No 5/6A/47 and their Technical Schedules incorporate the patterns cancelled.

The approval in Certificate of Approval No 5/6A/24 dated 27 October 1971 of driveway flowmeter models which are not fitted with a gas-separation test valve is cancelled as from 31 December 1977, after which date all new instruments shall be fitted with a test valve.

Dates of Approval: 25 June 1976 and 17 December 1976

The modifications described in this Schedule apply to the patterns described in Certificate No 5/6A/24 dated 27 October 1971.

All instruments conforming to this approval shall be marked "NSC No 5/6A/24".

Description:

The approved modifications provide for:

1. A Gilbarco T173-0037 pulse transmitter (see Figure 24) on the quantity and/or price drive shafts of the Veeder-Root VR 101 computer in each of the approved driveway flowmeter models. The aperture in the dial face through which the first element of the price and quantity indicators are viewed is widened to allow two numbered graduation lines to be seen. A Gilbarco

* Certificate of Approval No 5/6A/24, including Figures 1 to 22, and Figures 23, 25 to 28, 31 and 32 of Technical Schedule Variation Nos 1, 2 and 3, should be retained.
The text of Technical Schedule No 5/6A/24 - Variation Nos 1, 2 and 3 and Figures 24, 29 and 30 should be destroyed.

T166-0178 gas-separation test valve is fitted.

The output from the pulse transmitter(s) may be used to provide data to peripheral devices which are not a part of the measuring instrument.* These devices, which may only be provided with the authorisation of the Weights and Measures Authority of the State, may, for example, print receipts or store and process the data, etc. The use of such peripheral equipment will not affect the operation of the driveway flowmeter.

2. A Gilbarco T166-0178 gas-separation test valve in the liquid-return pipe from the float chamber to the pump suction in all driveway flowmeter models.

3. An EMCO 200A automatic hose nozzle (see Figures 25 and 26).

4. A ZVA Slimline automatic hose nozzle (see Figures 31 and 32).

5. The arrangement of two sets of the components of the T166P single driveway flowmeter in one housing, known as the Gilbarco T167L dual driveway flowmeter (see Figures 27 and 28).

6. Converting all driveway flowmeter models to indicate in metric units in accordance with Appendix 14 of the General Specifications for Measuring Instruments to be Used for Trade.

7. The holster of the Gilbarco T166P driveway flowmeter fitted with a bracket which prevents the starting lever being lifted up beyond its "on" position (see Figure 33). The linkage connecting the starting lever to the cams in the electric reset unit is illustrated in Figure 34.

8. A "final filter" unit fitted on the side of the cabinet between the back-pressure valve and the hose, or between the hose and the nozzle.

Special Tests:

Gas-separation Test Valve — The gas-separation test valve should be

* The measuring instrument examined and approved by the Commission is limited to those devices which determine the value of a physical quantity, control the measurement, and indicate the result of the measurement on a non-permanent visual display, for example, a seven-segment indicator or Veeder-Root computer.

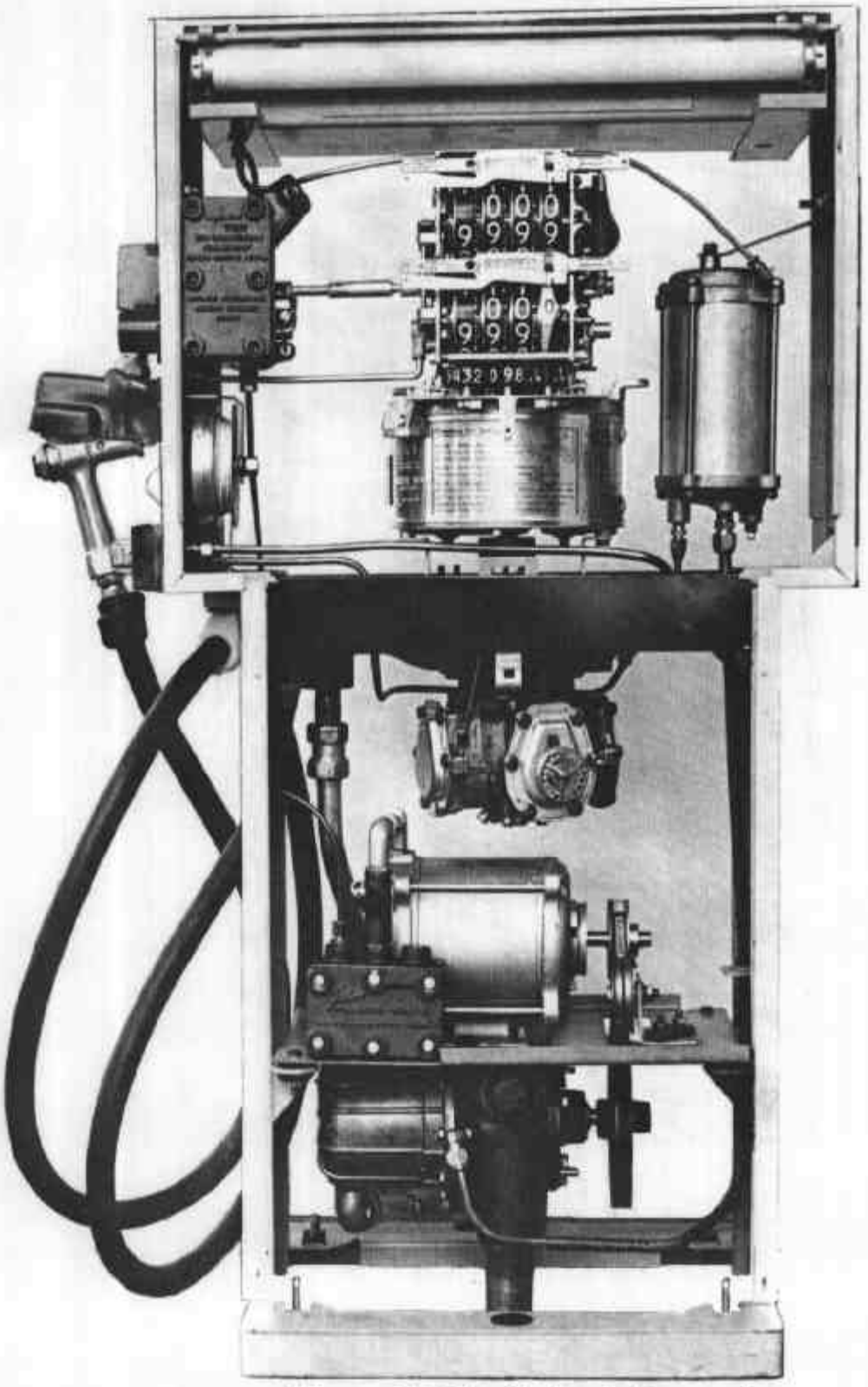
opened progressively to allow the flow rate to be reduced to, say, 90%, 80%, 70%, etc., of full flow rate, until below the minimum of 15 litres per minute or until the flow stops due to the pump losing prime. Prior to reaching the opening of the gas-separation test valve at which the flow rate is less than 15 litres per minute or the delivery stops due to the pump losing prime, the effect of air admitted on the accuracy of measurement should not exceed 0,5% of the quantity measured.

FIGURE 5/6A/24 - 1

Gilbarco T166A

6/4/70

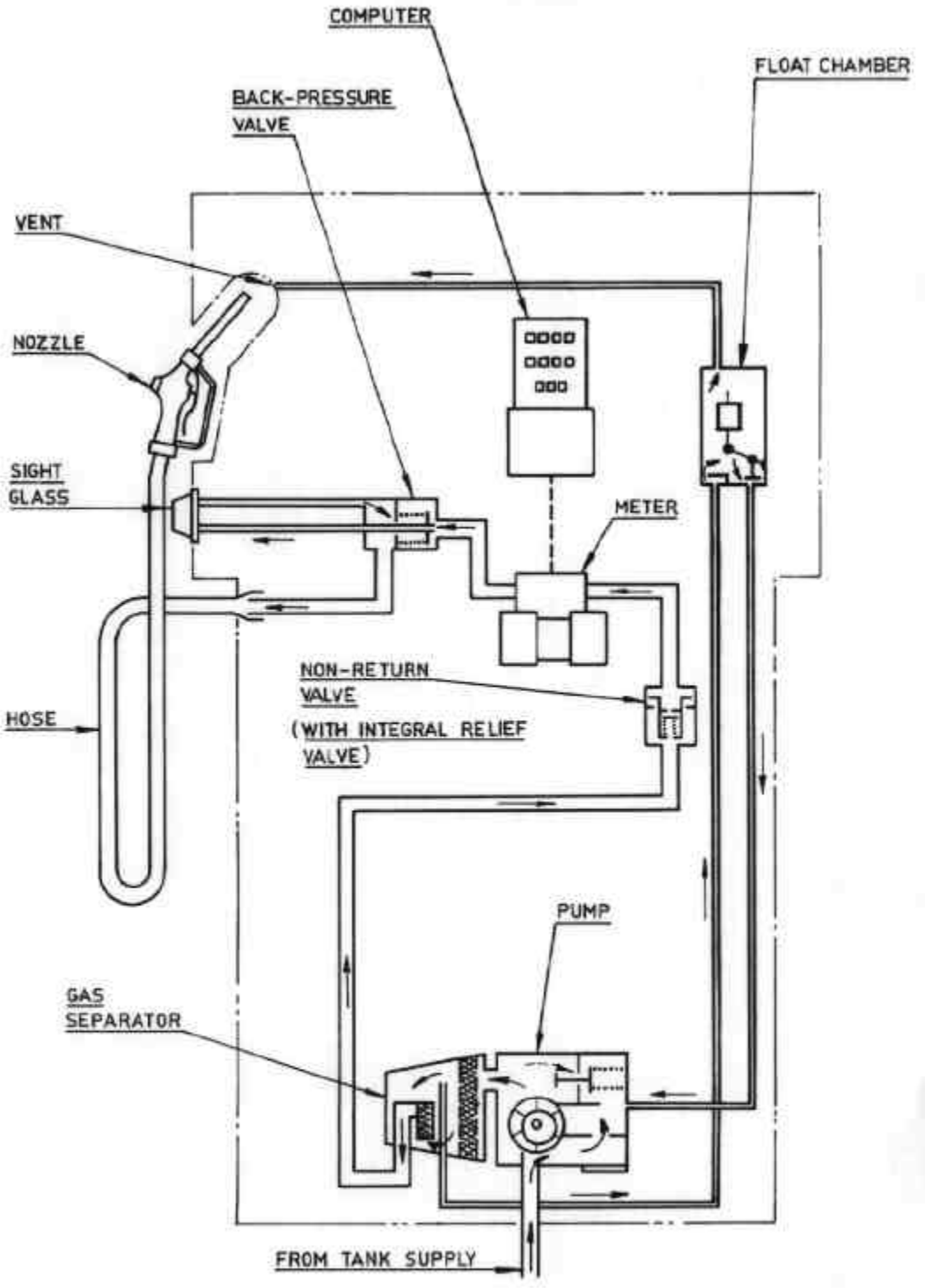
FIGURE 5/6A/24 - 2



Gilbarco T166A with Panels Removed

5/11/69

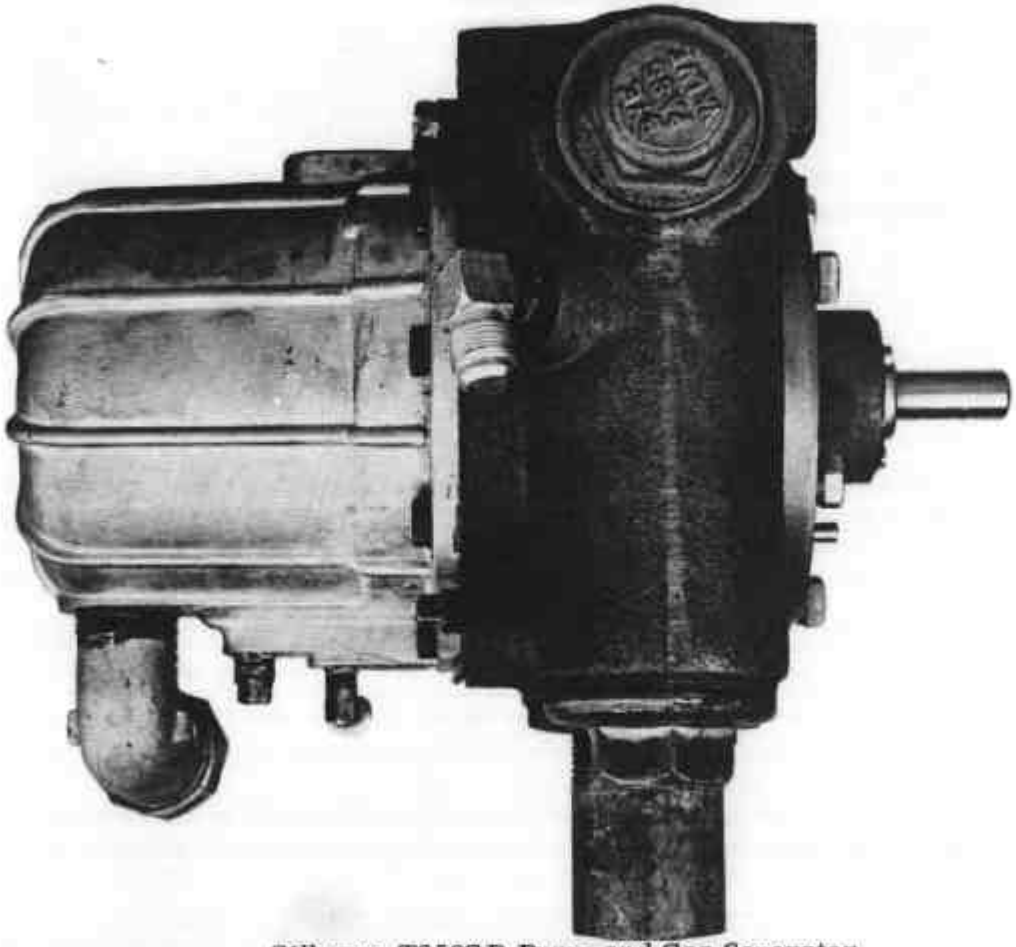
FIGURE 5/6A/24 - 3



Gilbarco T166A — Hydraulic Diagram

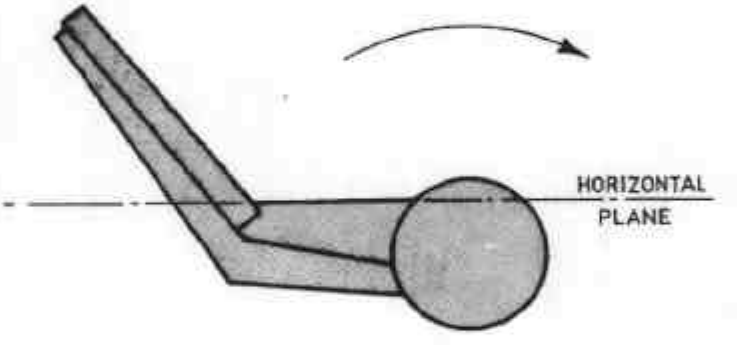
27/10/71

FIGURE 5/6A/24 - 4



Gilbarco T258GD Pump and Gas Separator

FIGURE 5/6A/24 - 5



Gilbarco T166A - Starting Handle,
Interlock Position

5/11/69

FIGURE 5/6A/24 – 6

Gilbarco T167A

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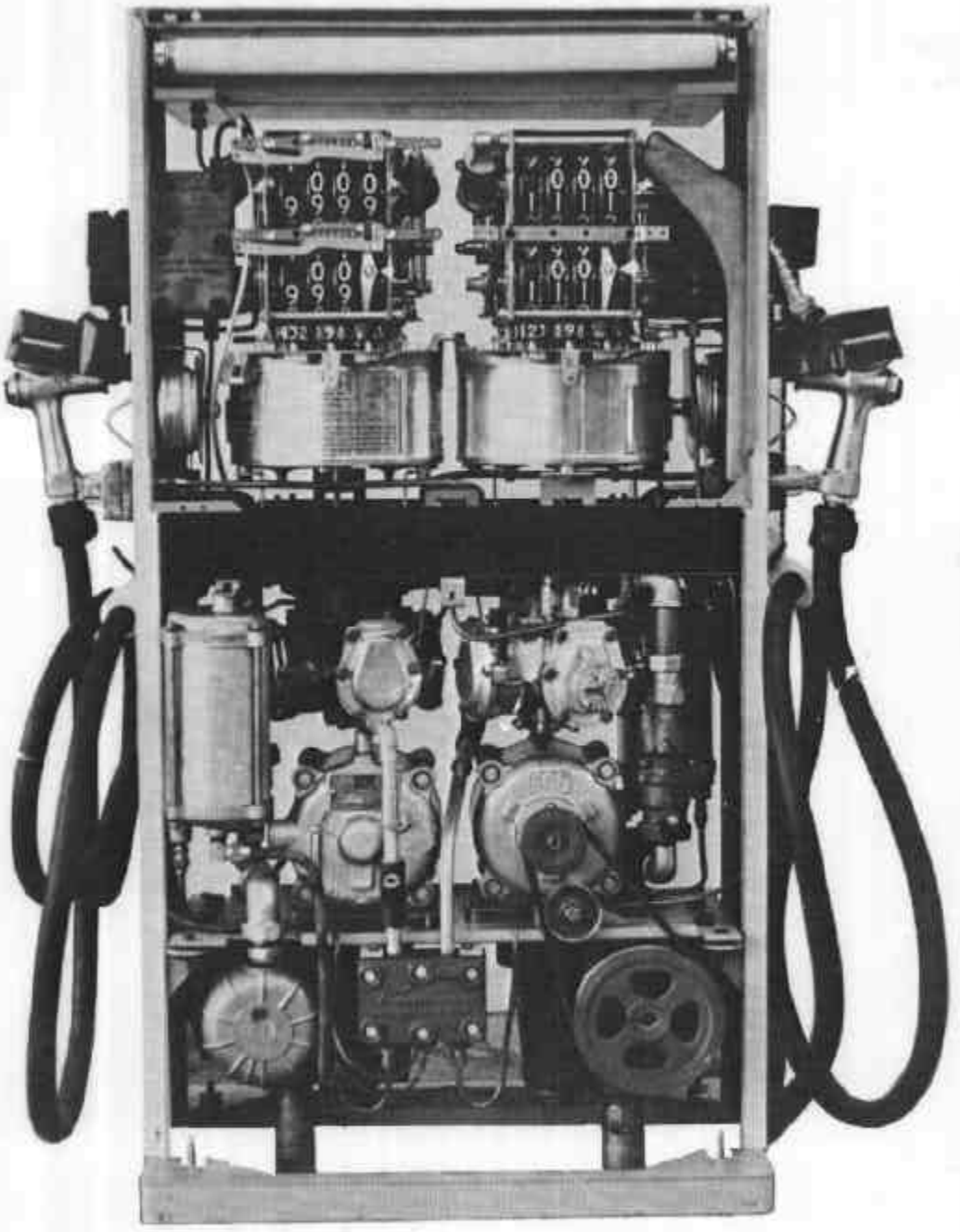
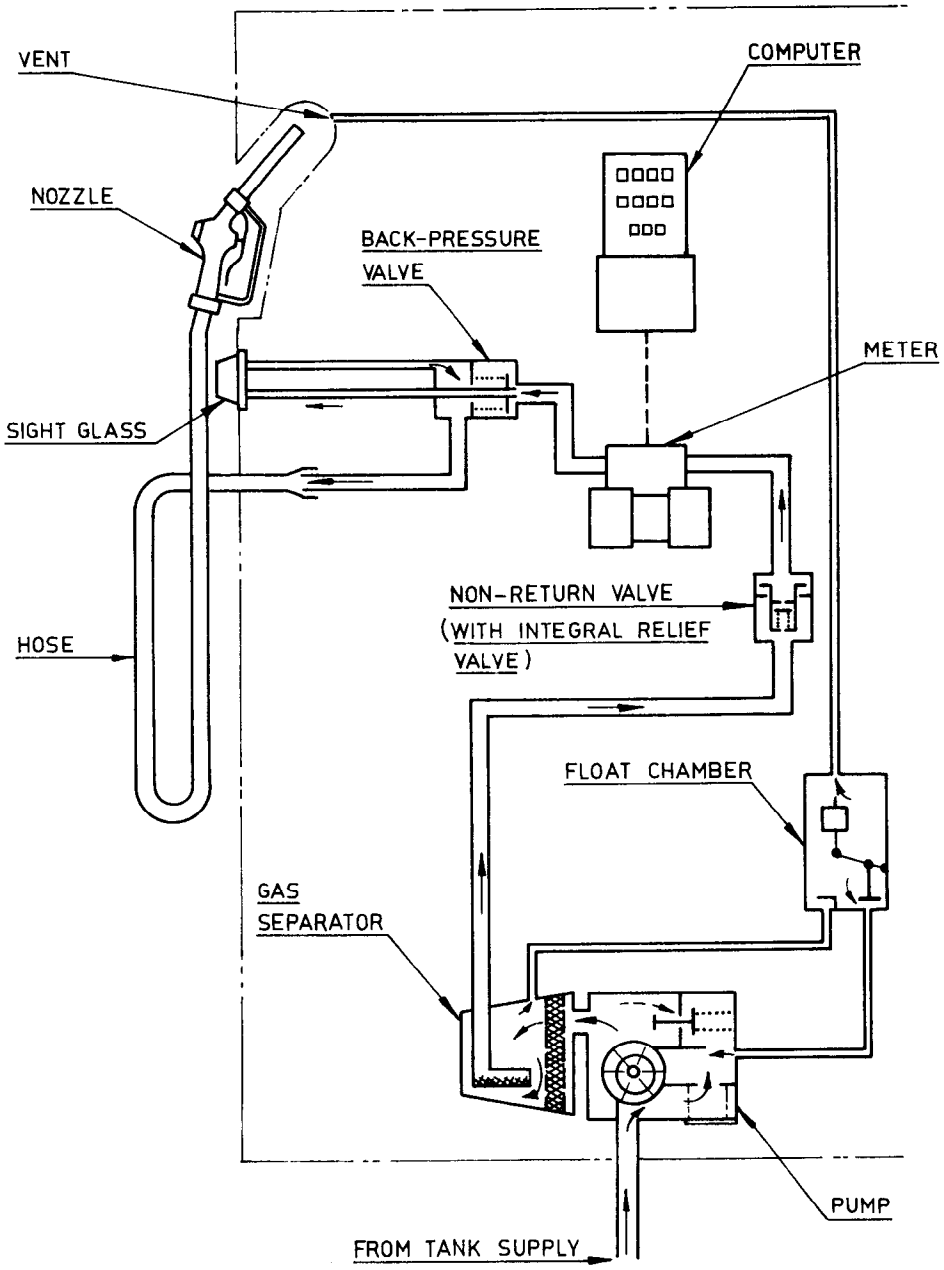
FIGURE 5/6A/24 - 7



Gilbarco T167A with Panels Removed

5/11/69

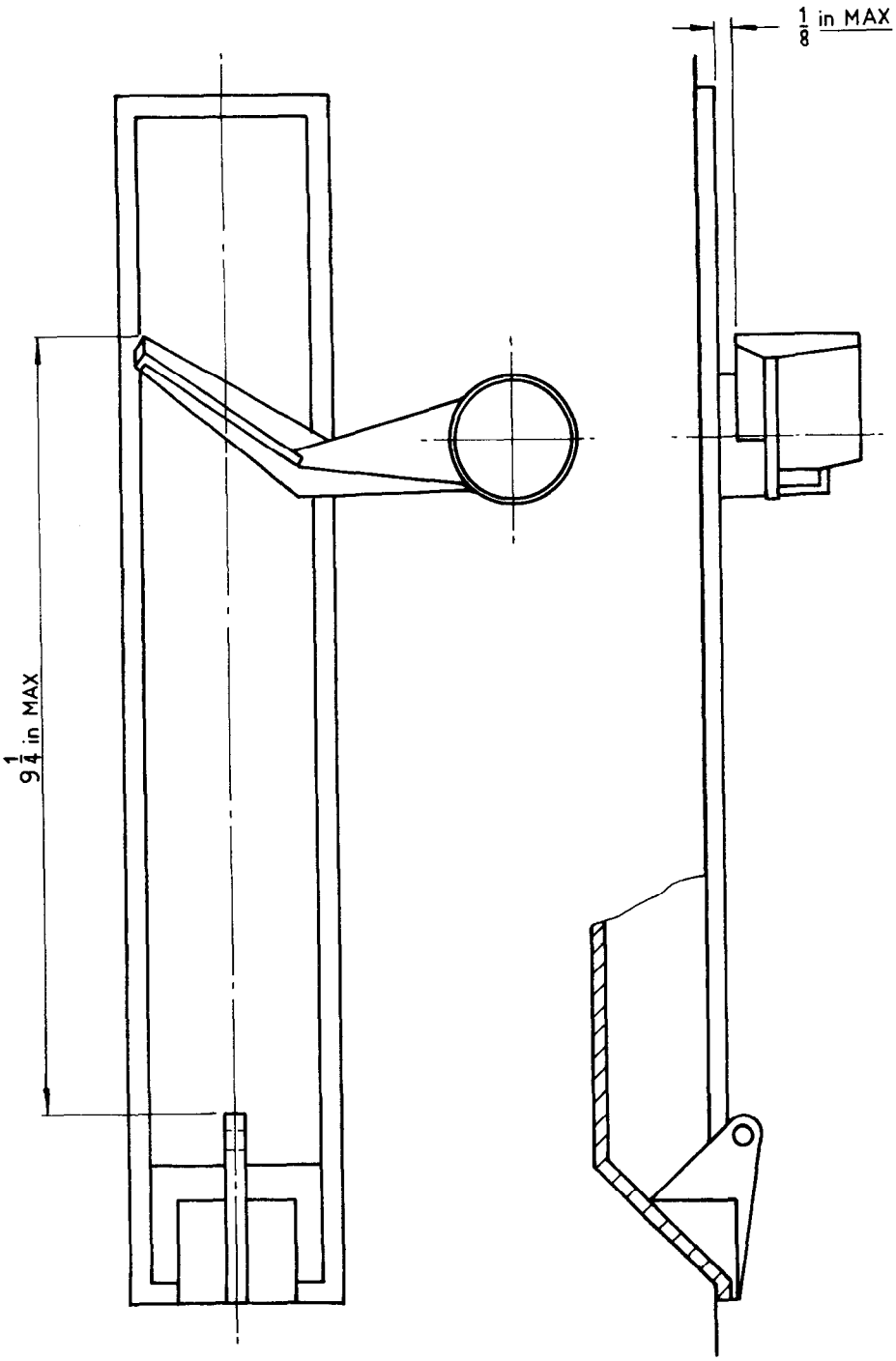
FIGURE 5/6A/24 - 8



Gilbarco T167A -
Hydraulic Diagram of One-half of Instrument

5/11/69

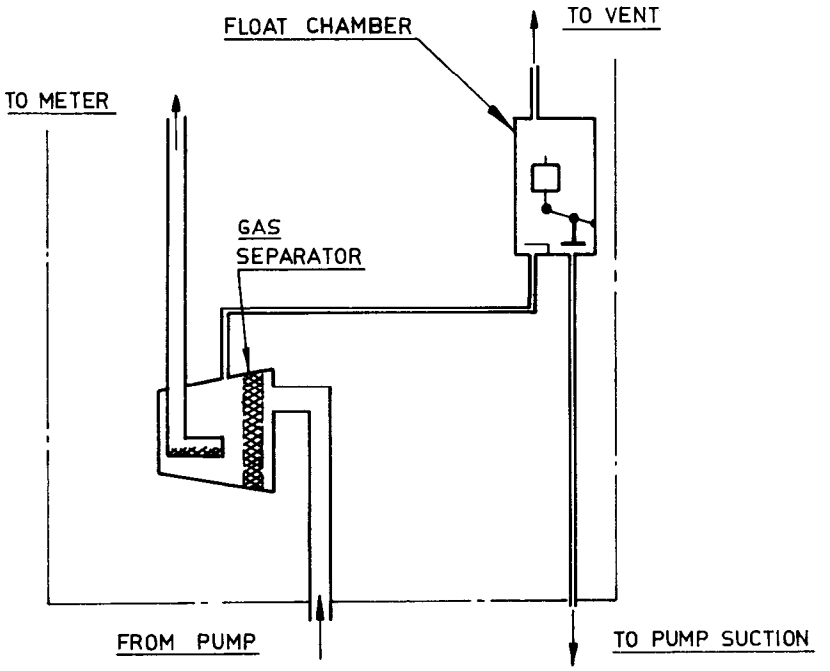
FIGURE 5/6A/24 - 9



Gilbarco T166M - Starting Handle,
Interlock Position

5/11/69

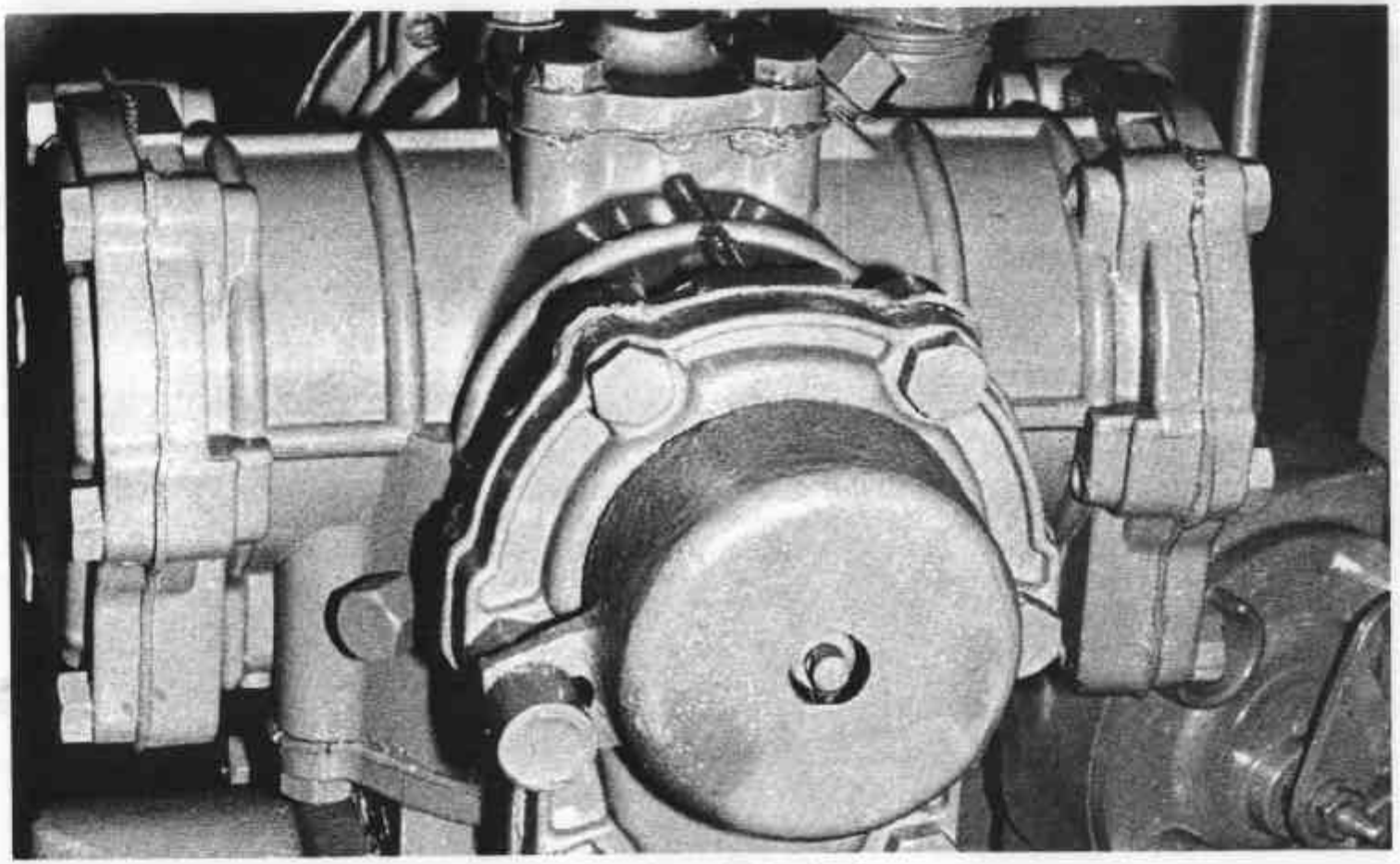
FIGURE 5/6A/24 - 10



Gilbarco T171B - Gas Separation Arrangement

5/11/69

FIGURE 5/6A/24 - 11



Cap and Lead Plug Seal

FIGURE 5/6A/24 - 12

Gilbarco T180A Single Round Pump

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FIGURE 5/6A/24 - 13

Gilbarco T261AC Sight Glass

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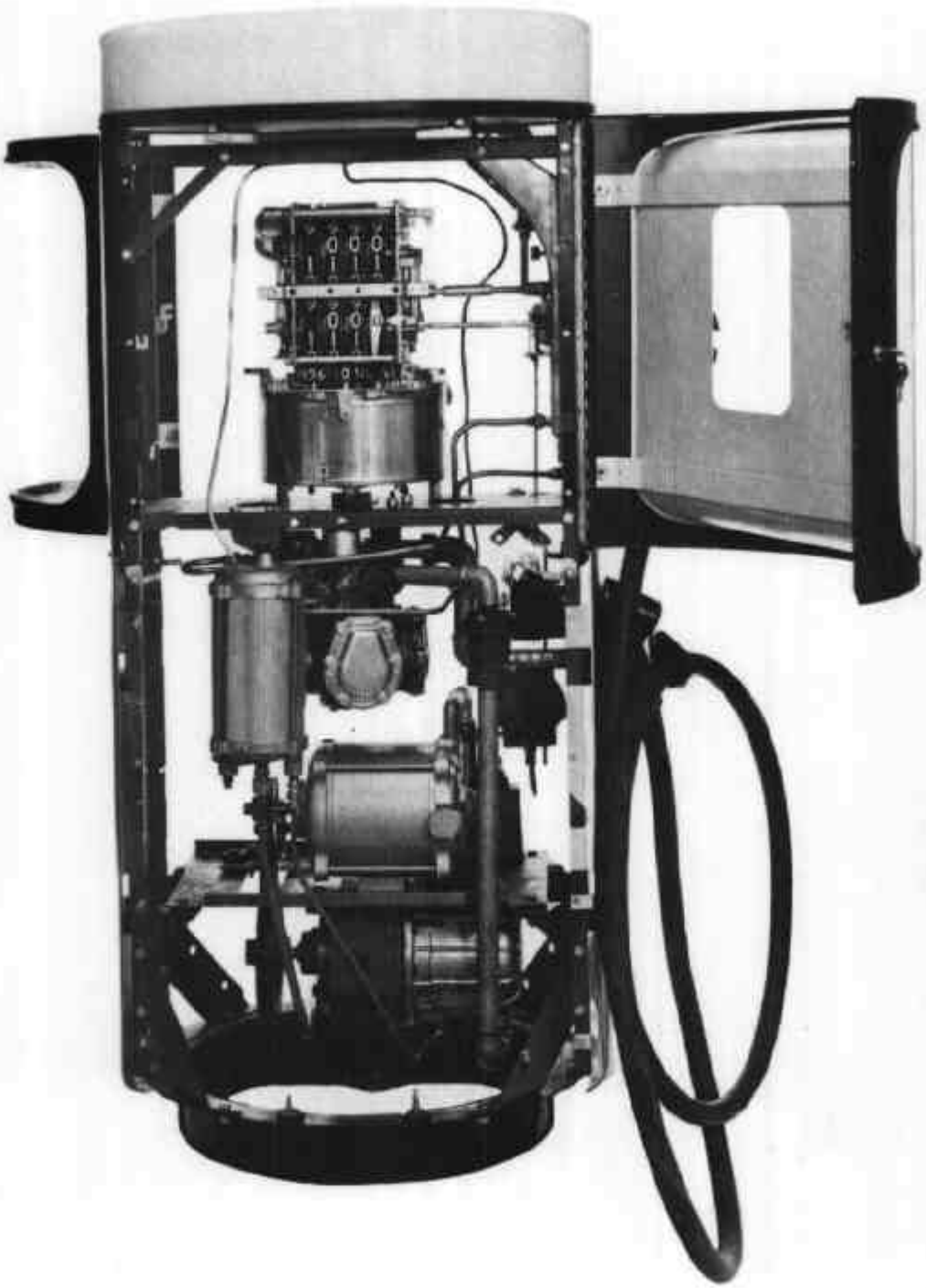
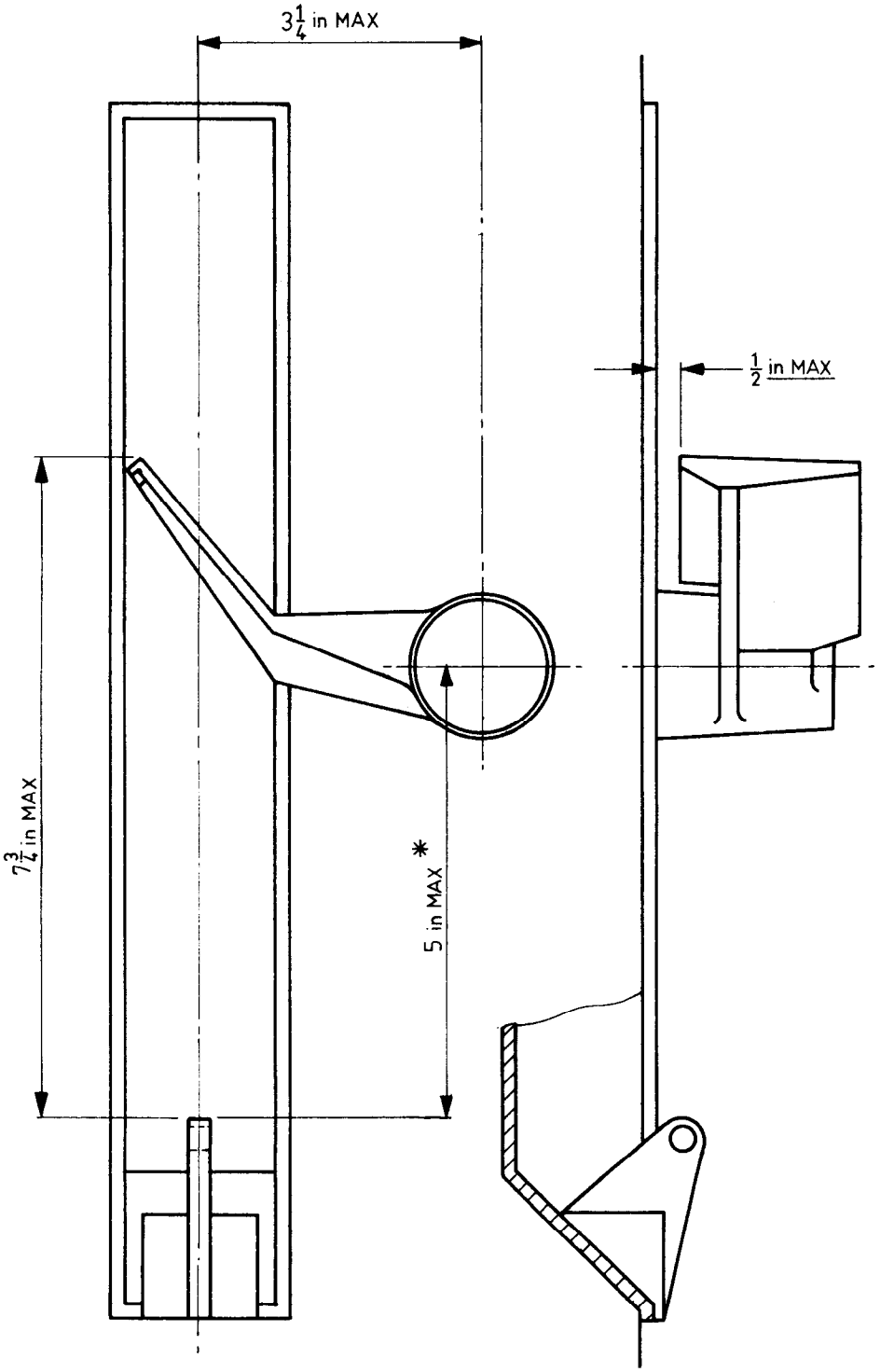
FIGURE 5/6A/24 - 14



Gilbarco T180A with Panels Removed

6/4/70

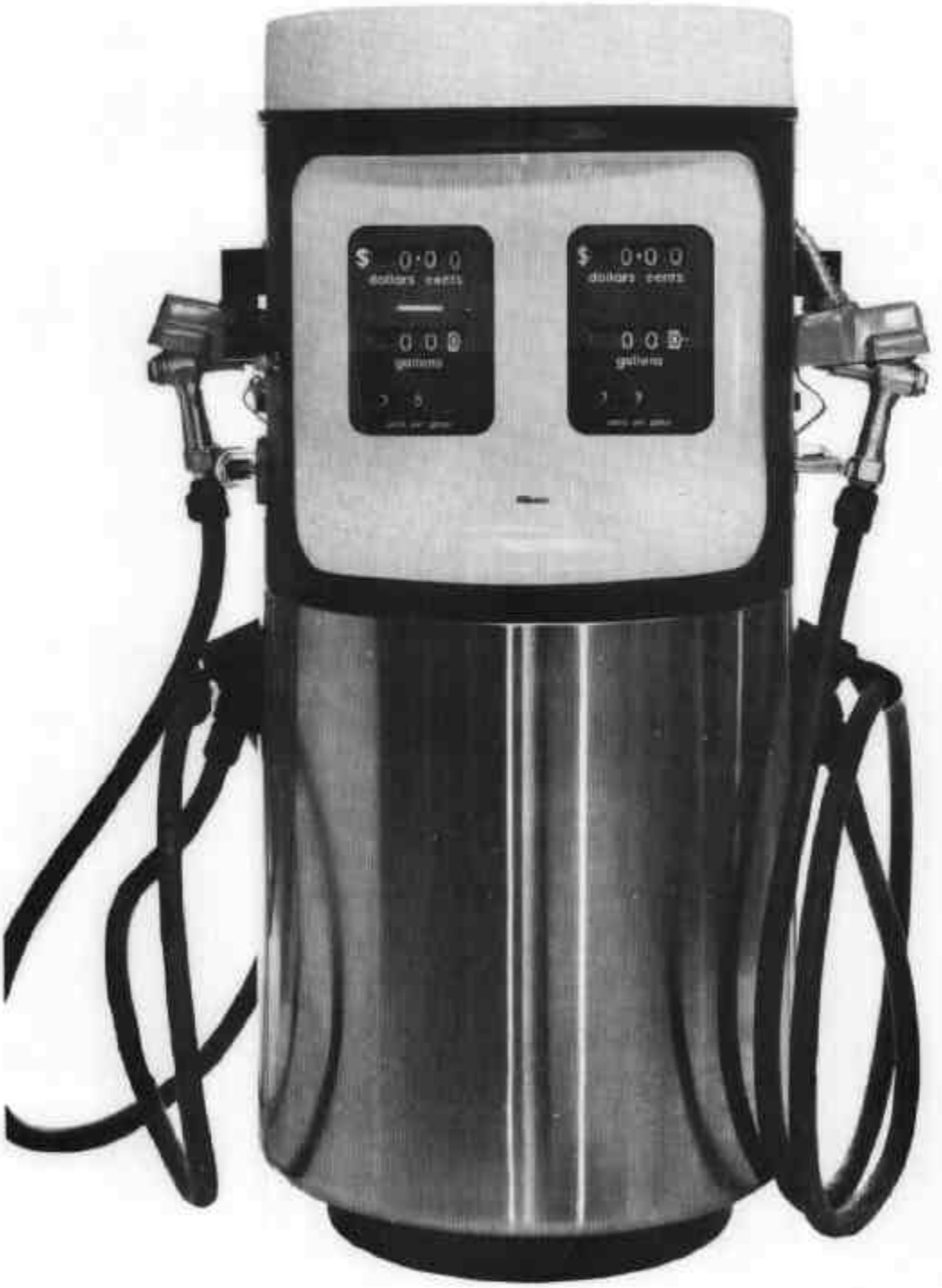
FIGURE 5/6A/24 - 15



Gilbarco T180A - Starting Handle, Interlock Position
(* 8 inches in Figure 9)

6/4/70

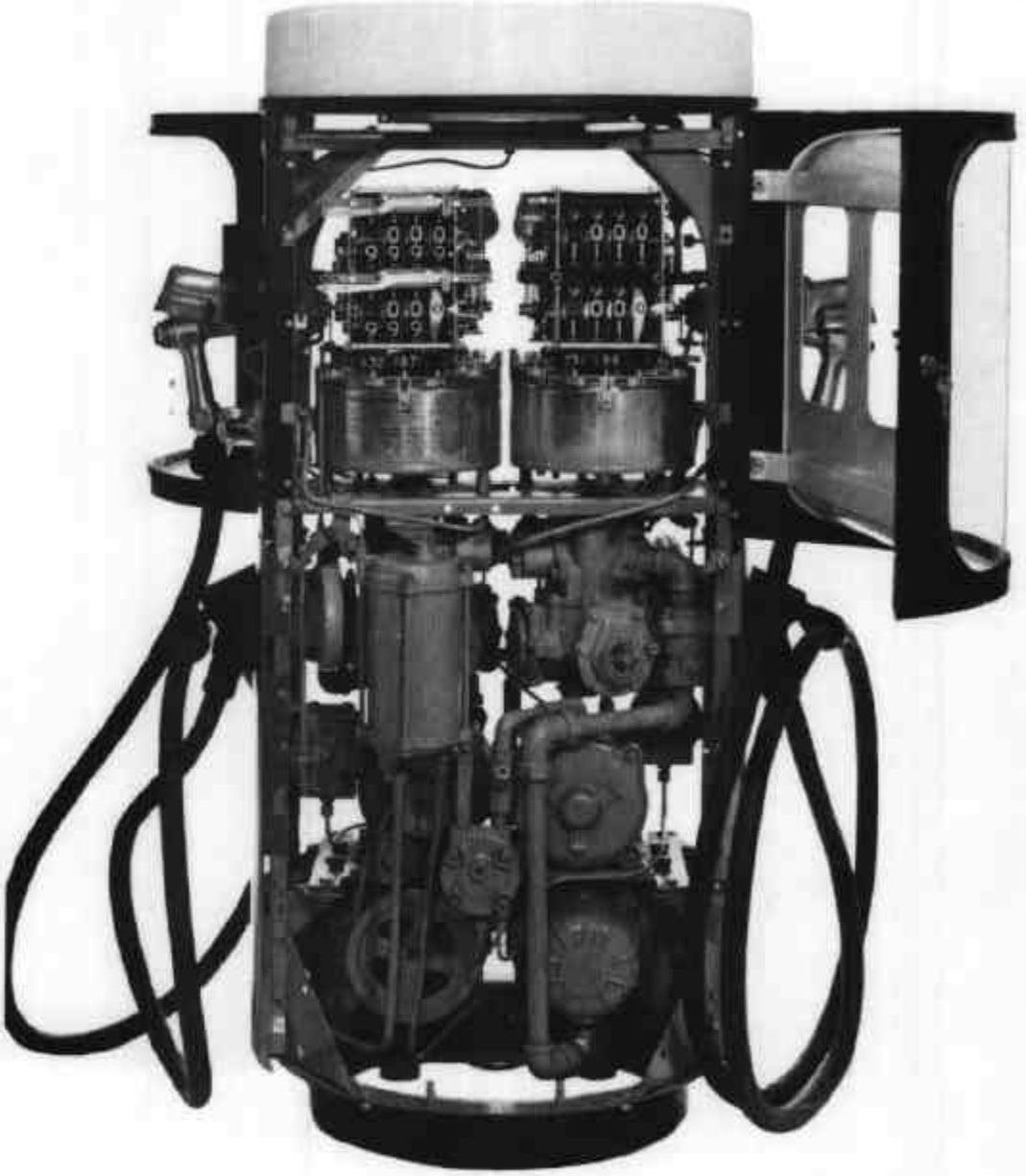
FIGURE 5/6A/24 - 16



Gilbarco T1 81A Dual Round Pump

6/4/70

FIGURE 5/6A/24 - 17



Gilbarco T181A with Panels Removed

6/4/70

FIGURE 5/6A/24 - 18

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	COMPONENTS	DATE APPROVED	FOOTNOTES	[PATTERN T166A]	VARIANTS									
					T166A	[T167A]	T167A	T166M	T167K	T171B	T172B	T180A or B	T181A or B	T166P
1	Pump, Gilbarco T258GD	27 JUN 68		*	*			*				*	*	*
2	Pump, Gilbarco T258GE	27 JUN 68				*	*		*					
3	Pump, positive displacement [illegible]	28 OCT 69								*	*			
4	Gas separator, Gilbarco T257M	28 OCT 69								*	*			
5	Float chamber, Gilbarco T257R	27 JUN 68		*	*			*		*		*	*	*
6	Float chamber, Gilbarco T257Q	27 JUN 68				*	*		*		*			
7	Meter, Gilbarco T262X	27 JUN 68		*	*					*		*		*
8	Meter, Gilbarco T262S	27 JUN 68				*	*				*		*	
9	Meter, Gilbarco T262AD	28 OCT 69						*						
10	Meter, Gilbarco T262AC	28 OCT 69							*					
11	[Seal, lead-and-wire]	27 JUN 68	1	[*]	[A]	[*]	[A]	[A]	[A]	[A]	[A]	[A]		
12	Seal, stamping plug	28 OCT 69			A		A	A	A	A	A	A	*	*	*
13	Computer, VR 1613	27 JUN 68		*	D	*	D	D	D	D	D	D	D	
14	Computer, VR 101	3 FEB 70	2		D		D	D	D	D	D	D	D	*
15	Computer, VR 1611 (converted to $c)	2 APR 70			D		D	D	D	D	D	D	D	
16	Non-return valve, Gilbarco T260Y	27 JUN 68		*	*					*	*			*
17	Non-return valve, Gilbarco T260Z	27 JUN 68				*	*					*	*	
18	Non-return valve, Gilbarco T260AD	28 OCT 69						*						
19	Non-return valve, Gilbarco T260AE	28 OCT 69							*					
20	Sight glass, Gilbarco T261X	27 JUN 68		*	*	*	*	*	*	*	*			*
21	Sight glass, Gilbarco T261AC	2 APR 70										*	*	
22	Back-pressure valve, Gilbarco T162-6	27 JUN 68		*	*	*	*	*	*	*	*	*	*	*
23	Hose, $\frac{3}{4}$ inch bore	27 JUN 68		*	*	*	*			*	*	*	*	*
24	Hose, Gilbarco T249-0116, $\frac{3}{4}$ inch bore	28 OCT 69						*	*					
25	Swivel hose coupling, Gilbarco	2 APR 70										‡	‡	
26	Nozzle, STM 363	27 JUN 68		*	B	*	B			B	B	B	B	B
27	Nozzle, T250H	9 SEP 68			B		B			B	B	B	B	B
28	Nozzle, OPW1A	9 SEP 68			B		B			B	B	B	B	B
29	Nozzle, Gilbarco T250AR	28 OCT 69						*	*					
30	Pump interlock, starting handle horizontal	27 JUN 68		*		*								
31	Pump interlock, starting handle at $9\frac{1}{4}$ inches	28 OCT 69			*		*	*	*	*	*			
32	Pump interlock, starting handle at $7\frac{3}{4}$ inches	2 APR 70										*	*	
33	Final filter	9 SEP 68			‡	‡	‡			‡	‡			‡
34	Dial face, white	27 JUN 68		*	C	*	C	C	C	C	C			C
35	Dial face, grey	9 SEP 68			C		C	C	C	C	C			C
36	Dial face, black	2 APR 70										*	*	
37	Nameplate "approved for petroleum ≦ 1 cSt"	27 JUN 68			*	*	*			*	*	*	*	*
38	Nameplate "approved for Benzol"	28 OCT 69						*	*					
39	Pump interlock, starting lever at bracket	19 OCT 71												*
40	Electric-reset unit	19 OCT 71												*

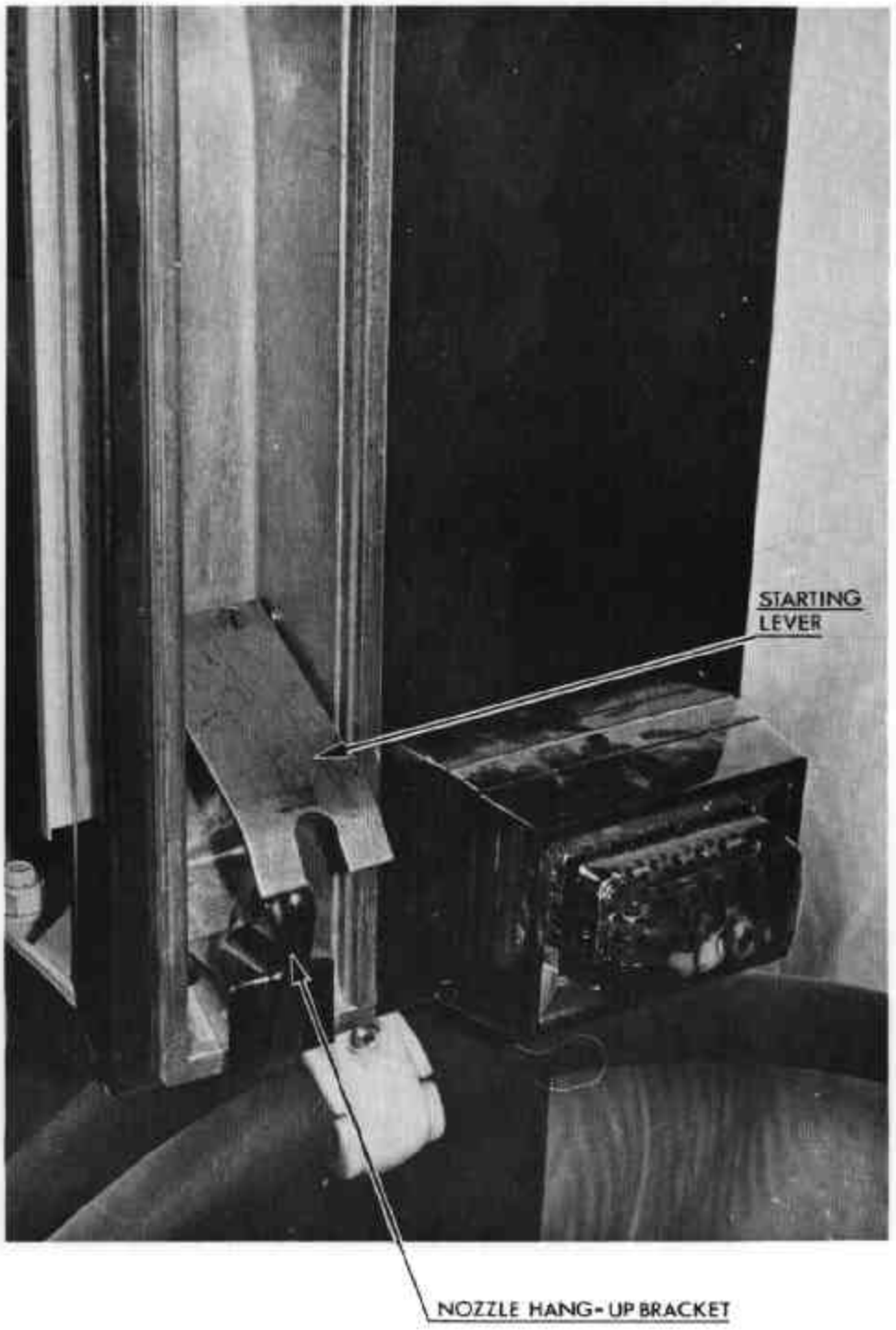
* - indicates required component
A - indicates alternative component, one of which is required
B to D - as for A
‡ - indicates optional components
[ ] - withdrawn

FOOTNOTES

1 - approval withdrawn 2nd April, 1970
2 - approved in Certificate No 5/6A/30

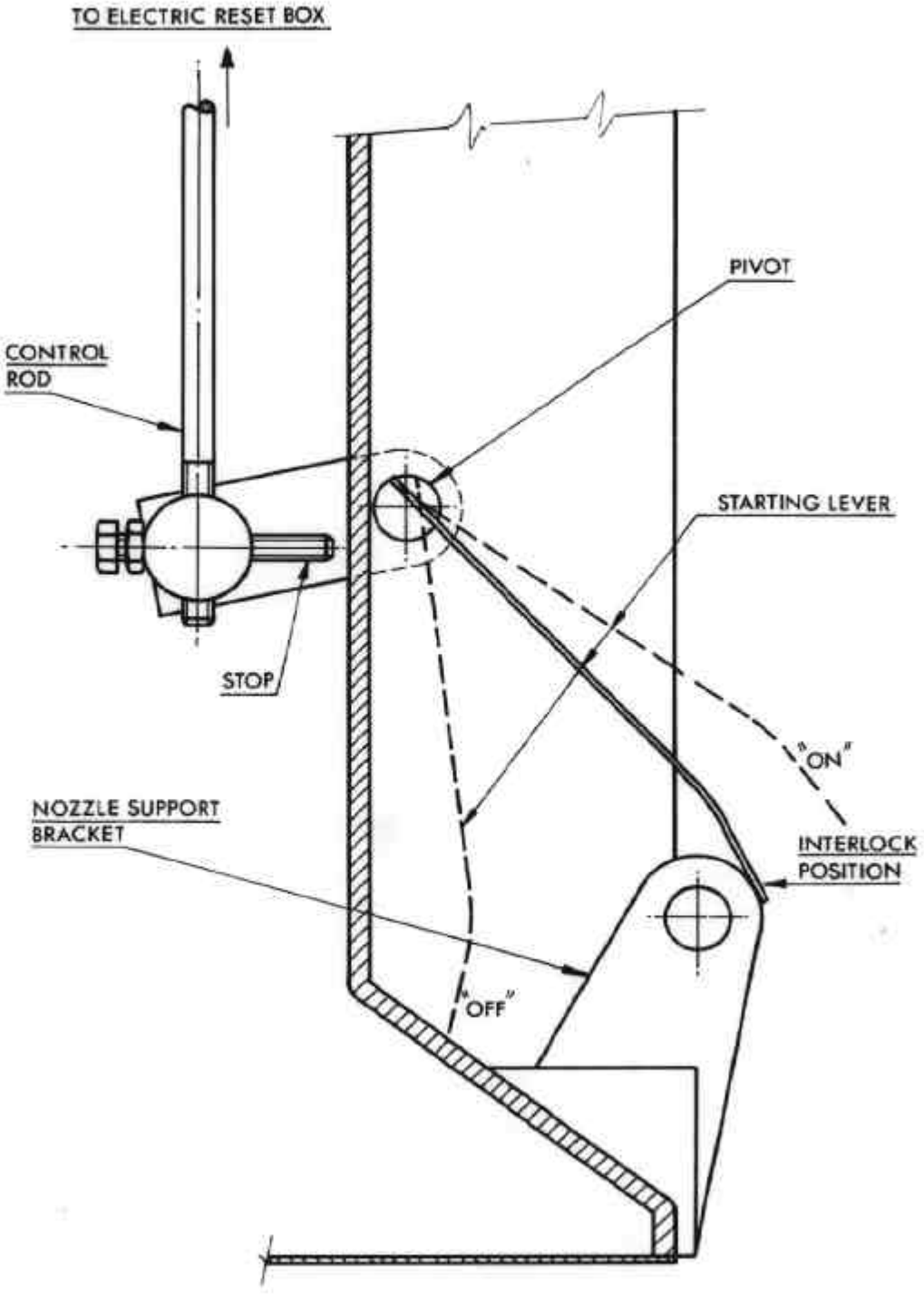
Compatibility Table for Components Described in this Certificate

27/10/71



Gilbarco T166P, Nozzle Hang-up Bracket and Starting Lever
27/10/71

FIGURE 5/6A/24 - 20



Gilbarco T166P Nozzle Hang-up

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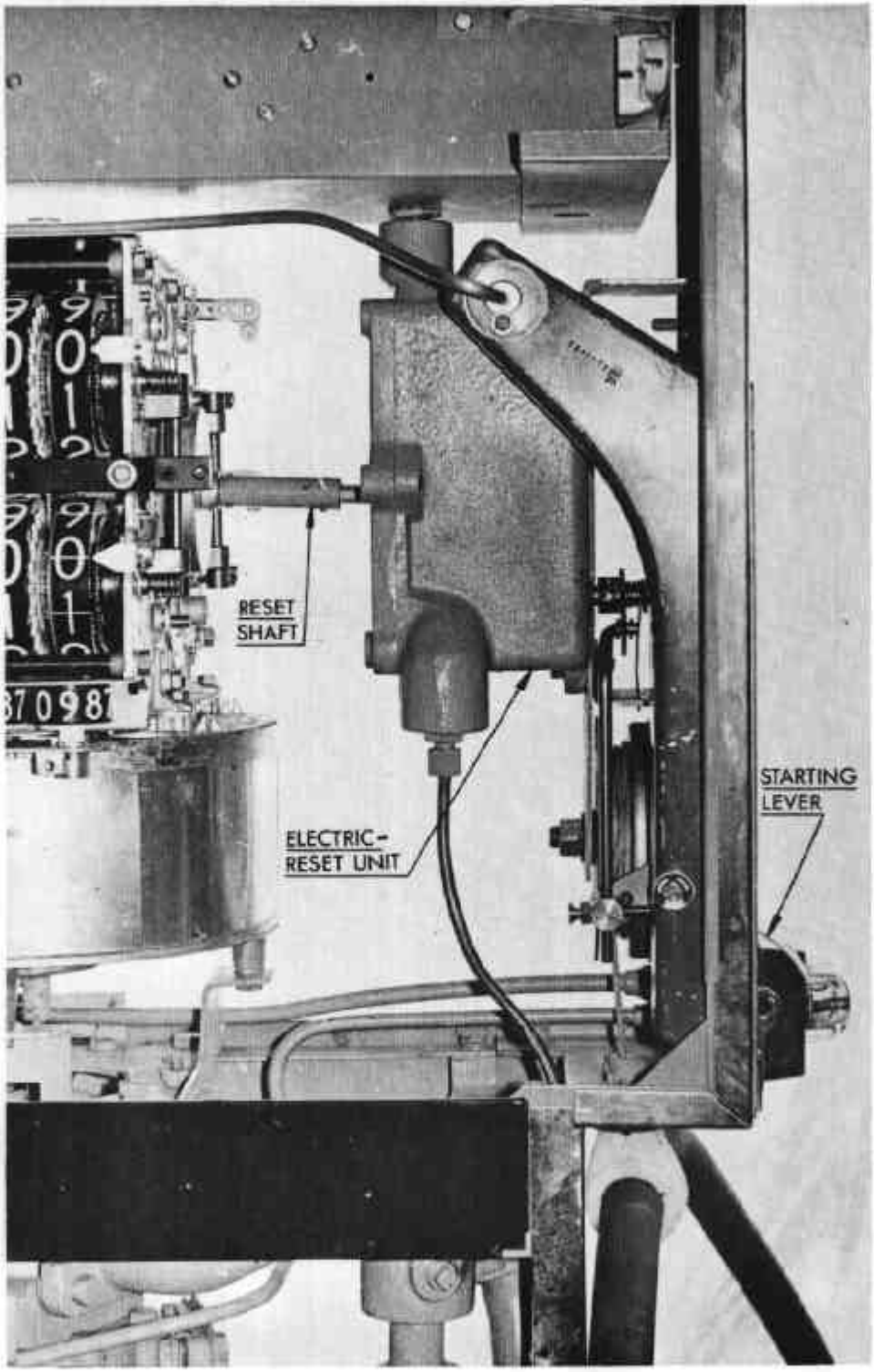
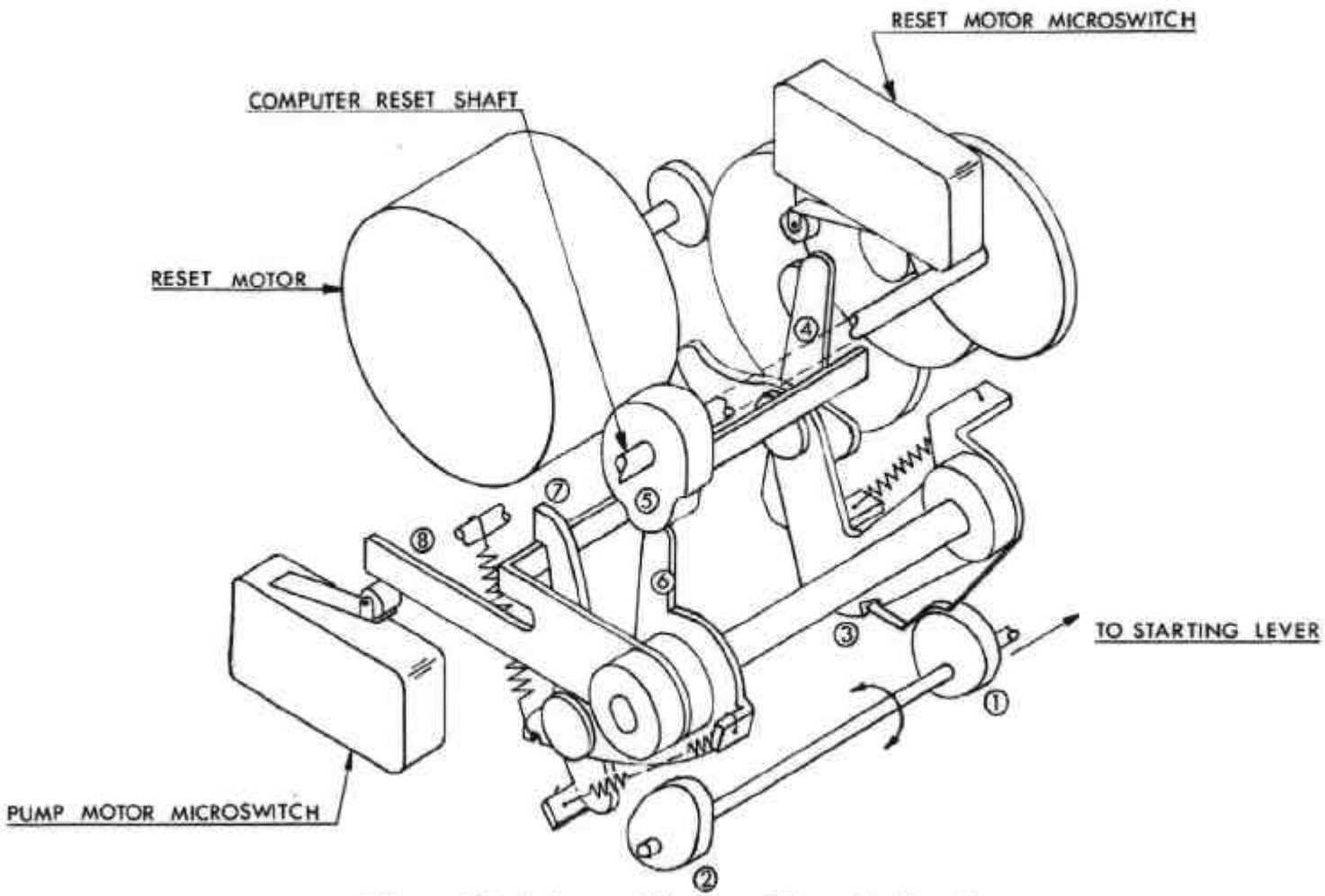
FIGURE 5/6A/24 - 21



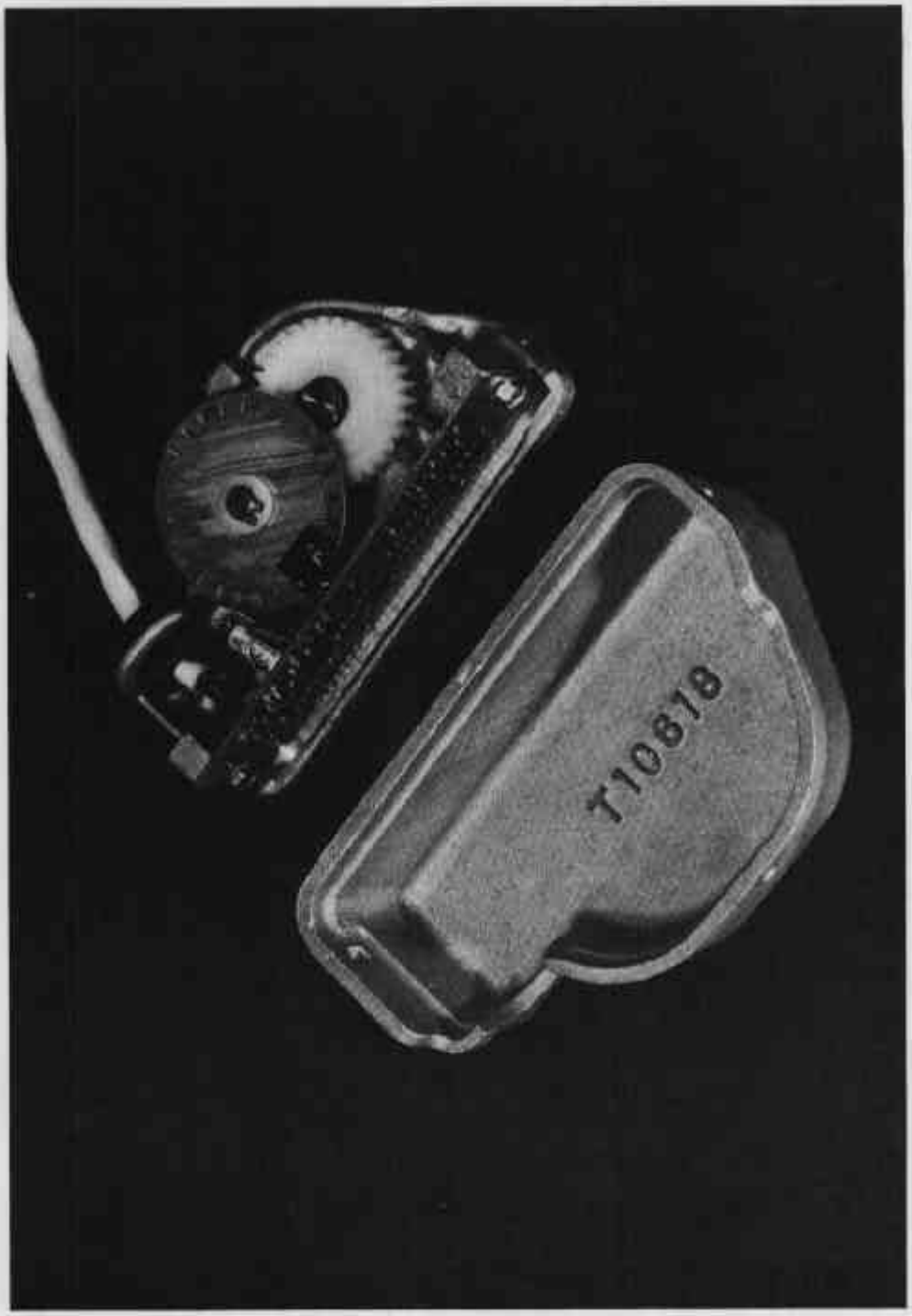
Gilbarco T166P

27/10/71



Gilbarco Electric-reset Unit — Schematic Drawing

FIGURE 5/6A/24 - 23



Gilbarco T173-0037 Pulse-transmitter Unit

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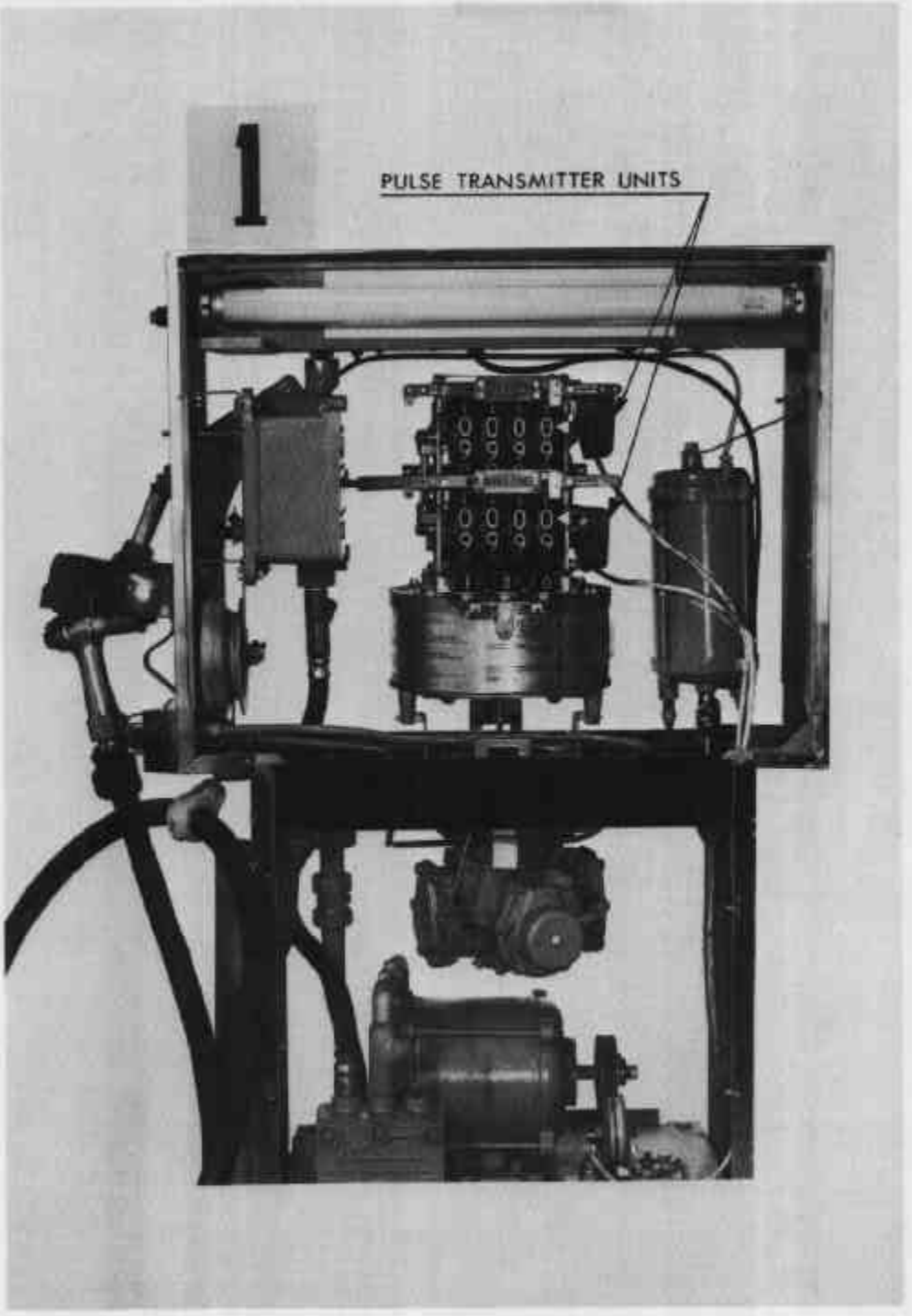
FIGURE 5/6A/24 - 24



? PULSE TM ?

Gilbarco T166S Driveway Flowmeter

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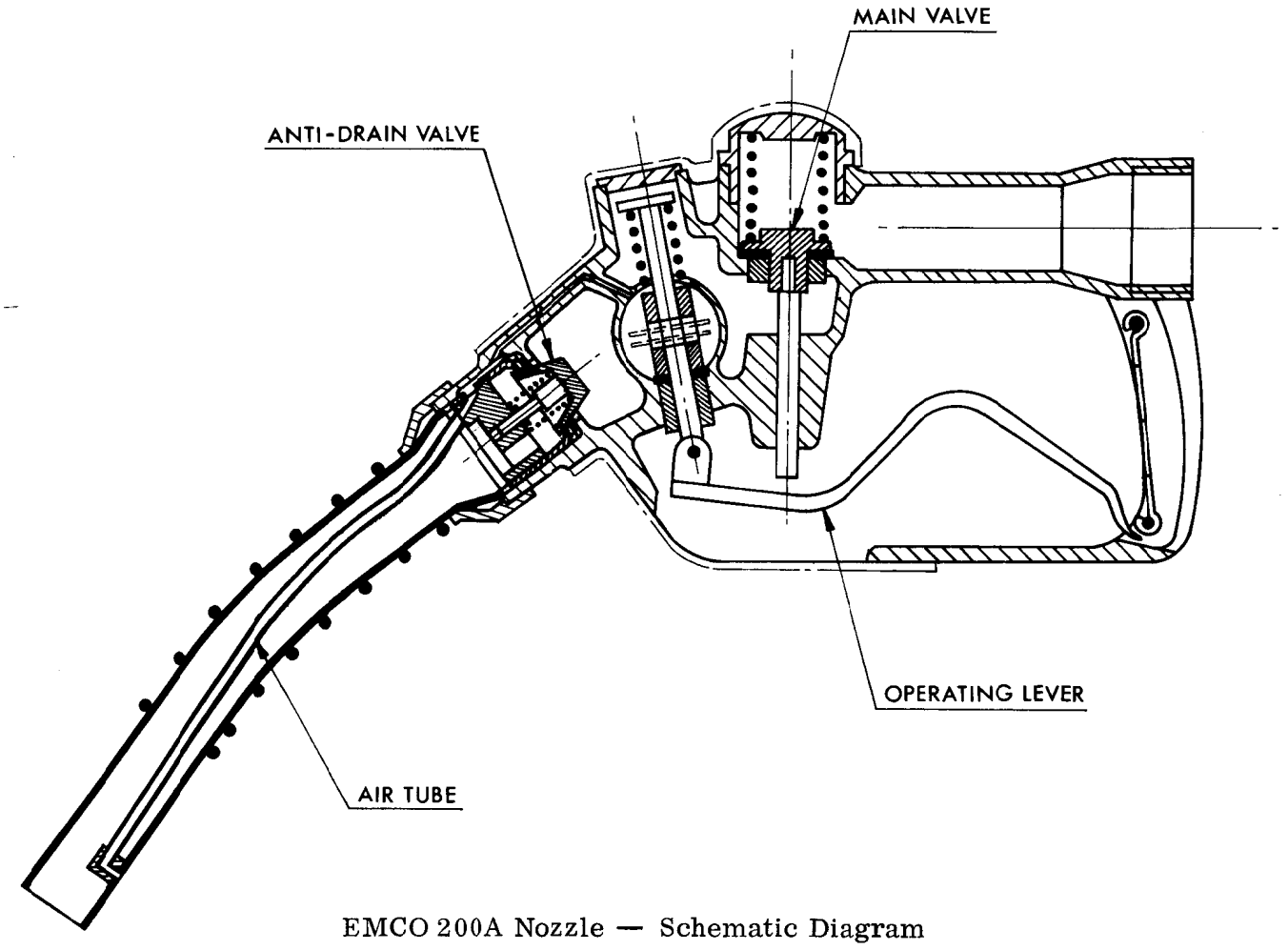
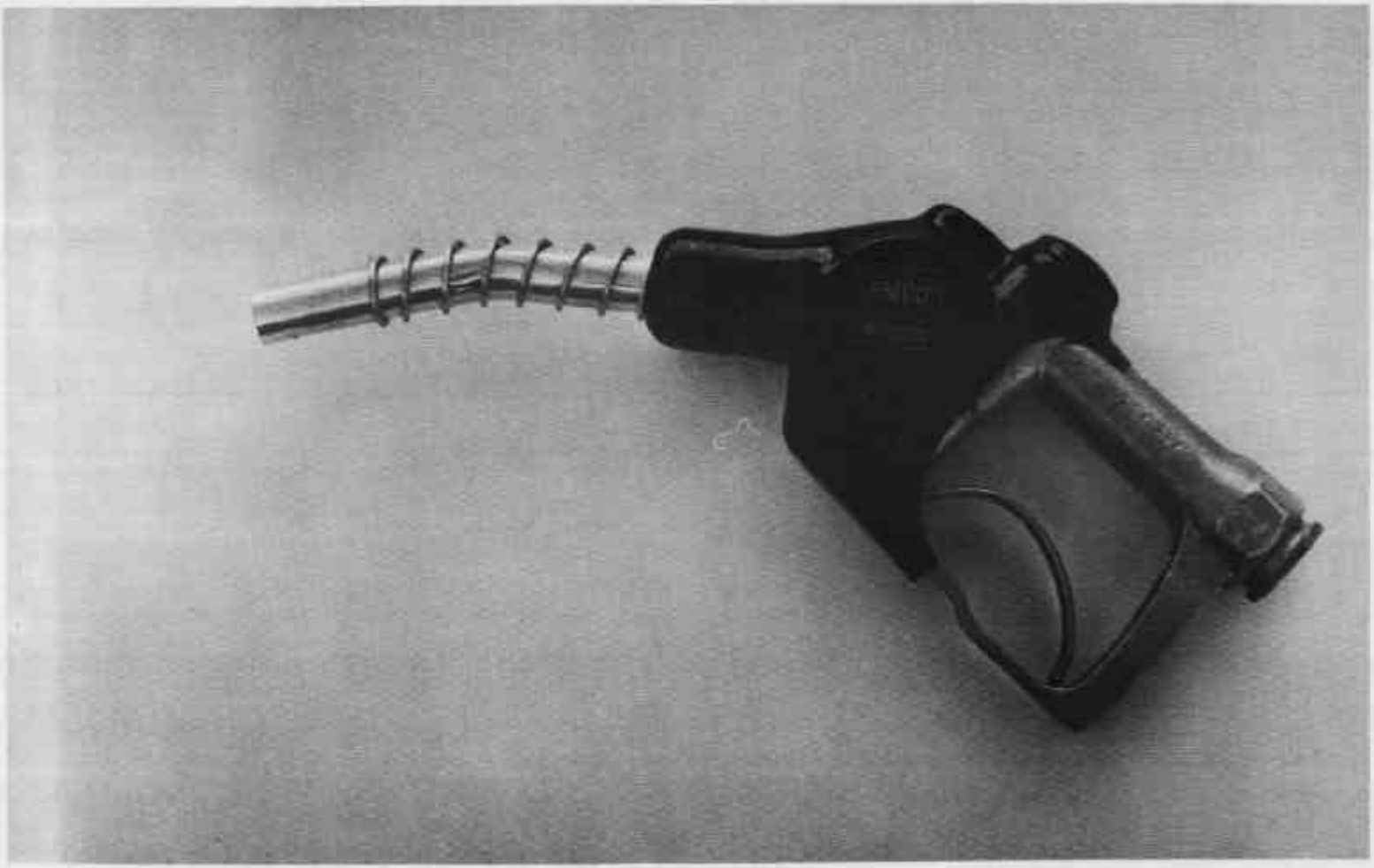
FIGURE 5/6A/24 - 25



EMCO 200A Nozzle — Schematic Diagram

FIGURE 5/6A/24 - 26



EMCO 200A Nozzle

FIGURE 5/6A/24 - 27

Gilbarco T167L

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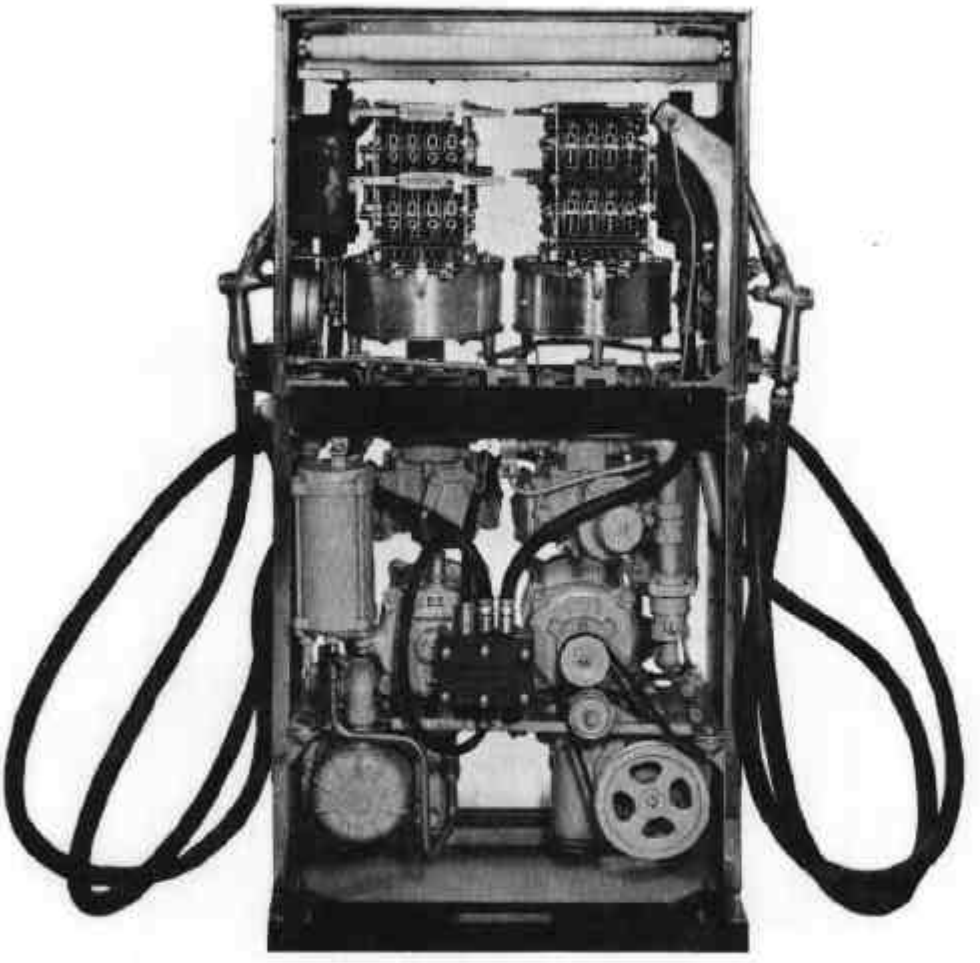
FIGURE 5/6A/24 - 28



Gilbarco T167L

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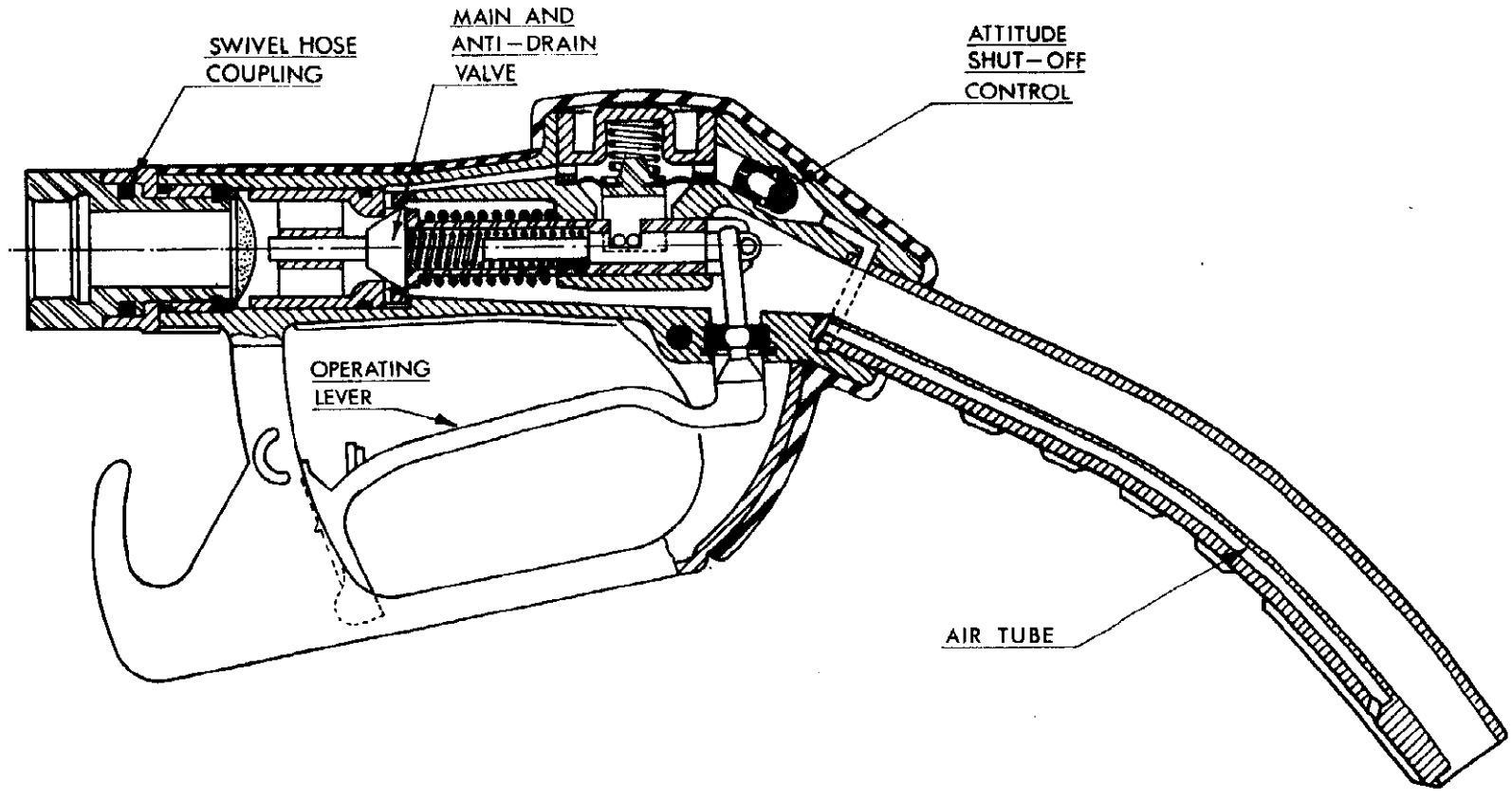
FIGURE 5/6A/24 - 31

ZVA Slimline Automatic Hose Nozzle

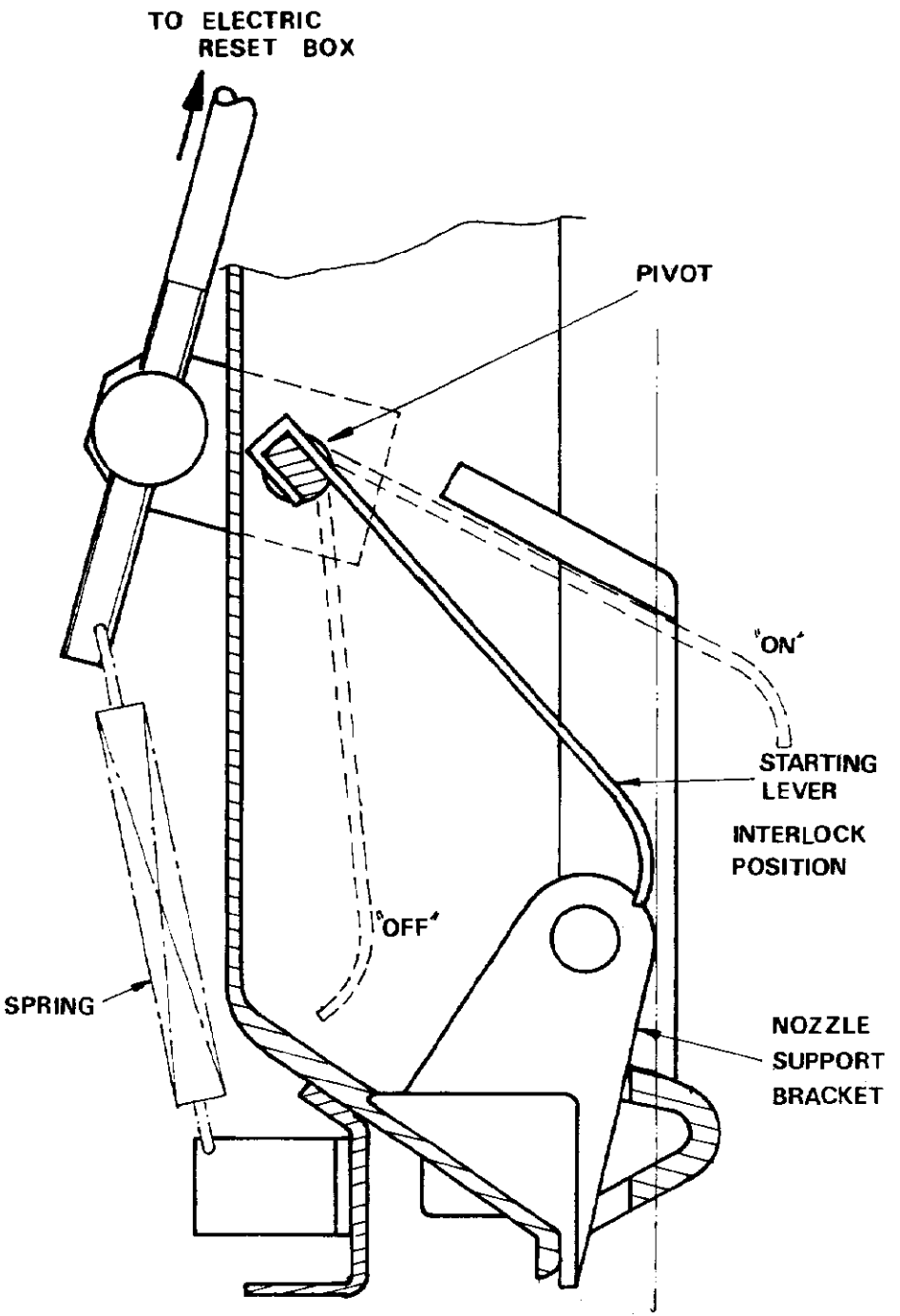
FIGURE 5/6A/24 - 32



ZVA Slimline Automatic Hose Nozzle

Hang-up Bracket

FIGURE 5/6A/24 - 34



Hang-up for Gilbarco Driveway Flowmeter Model T166P

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