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CERTIFICATE OF APPROVAL No 5/6A/62 CANCELLED 0/2

This is to certify that the patterns of the

Gilbarco T166AA Driveway Flowmeter

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: 25 June 1976

The patterns are described in Technical Schedule No 5/6A/62, and in drawings and specifications lodged with the Commission.

The approval is subject to review on or after 1 June 1981.

All instruments conforming to this approval shall be marked with the approval number "NSC No 5/6A/62".

Signed

Executive Officer

9/3/77

CANCELLED

NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 5/6A/62

Pattern: Gilbarco T166AA Driveway Flowmeter

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

Date of Approval: 25 June 1976

All instruments conforming to this approval shall be marked "NSC No 5/6A/62".

Description:

The pattern (see Figures 2 and 3) is a Gilbarco Single Trimline Driveway Flowmeter Model T166AA for the delivery of petrol at flow rates between 15 and 55 litres per minute. The component parts of the driveway flowmeter are listed in Figure 1. Figure 4 is an hydraulic diagram of the instrument.

The approval includes the following models of driveway flowmeters for the delivery of petrol at flow rates between 15 and 55 litres per minute. The single models comprise one set of the components listed in Figure 1; the dual models comprise two sets of the components listed in Figure 1 in one housing:

Single Trimline Models T166AB, T166AC and T166AD (see Figures 2 and 3);
Dual Trimline Models T167AA, T167AB, T167AC and T167AD (see Figures 5 and 6);
Single Round Models T180AA, T180AB, T180AC and T180AD (see Figures 7 and 8); and
Dual Round Models T181AA, T181AB, T181AC, and T181AD (see Figures 9 and 10).

The suffixes denote:

1. AA - manual reset;
2. AB - electric reset;
3. AC - manual reset and fitted with a pulse transmitter(s) which provides data to peripheral devices which are not a part of the measuring instrument.* These devices, which may only 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.

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 pump interlock of each driveway flowmeter is provided by:

1. Manual-reset driveway flowmeters — a starting handle which prevents the nozzle from being placed on its hang-up bracket, or what appears to be its hang-up bracket, without stopping the pump motor and engaging an interlock which prevents the motor from being restarted until the computer is reset to zero (see Figures 11 and 12).

2. Electric-reset driveway flowmeters — a starting lever which prevents the nozzle from being placed on its hang-up bracket without stopping the pump motor and engaging an interlock which prevents the motor from being restarted until the computer is reset to zero (see Figures 13 to 16). A bracket prevents the starting lever from being lifted up beyond its "on" position (see Figure 17).

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

FIGURE 3/6A/62 - 1

1	2	3				4			
		Single Driveway Flowmeters				Dual Driveway Flowmeters			
	Components	T1166A A	T1166A[2] B	T1180A[1] A	T1180A[2] B	T1167A[1] A	T1167A[2] B	T1181A[1] A	T1181A[2] B
	Pump T258AD	*	*	*	*	*	*	*	*
	Float chamber T257AC	*	*	*	*	*	*	*	*
	Meter T262AK	*	*	*	*			*	*
	Meter T262AJ					*	*		
	Computer VR 101	*	*	*	*	*	*	*	*
	Non-return valve T260AF	*	*	*	*	*	*	*	*
	Back-pressure valve DK00660-001	*	*	*	*	*	*	*	*
	Sight glass T261AC			*	*			*	*
	Sight glass T261AD	*	*			*	*		
	Nozzle STM 363	A	A	A	A	A	A	A	A
	Nozzle T250H	A	A	A	A	A	A	A	A
	Nozzle OPW 1A	A	A	A	A	A	A	A	A
	Nozzle ZVA Slimline	A	A	A	A	A	A	A	A
	Nozzle EMCO 200A	A	A	A	A	A	A	A	A
	Nozzle hang-up — 200 mm			*				*	
	Nozzle hang-up — 240 mm	*				*			
	Electric reset unit		*		*		*		*
	Pump interlock — starting lever		*		*		*		*
	Pulse-transmitter unit T173-0037 on computer quantity and/or price shaft	†	†	†	†	†	†	†	†
	Gas-separation test valve T166-0170	*	*	*	*	*	*	*	*
	Data plate "approved for petrol"	B	B	B	B	B	B	B	B
	Data plate "approved for Benzol"	B	B	B	B	B	B	B	B
	Final filter	†	†	†	†	†	†	†	†

* - indicates required component
A - indicates alternative components, one of which is required
B - as for A
† - indicates optional component

Footnotes: [1] Suffix AC indicates Pulse transmitter(s) fitted
[2] Suffix AD indicates Pulse transmitter(s) fitted

Compatibility Table for Components Described in the Technical Schedule

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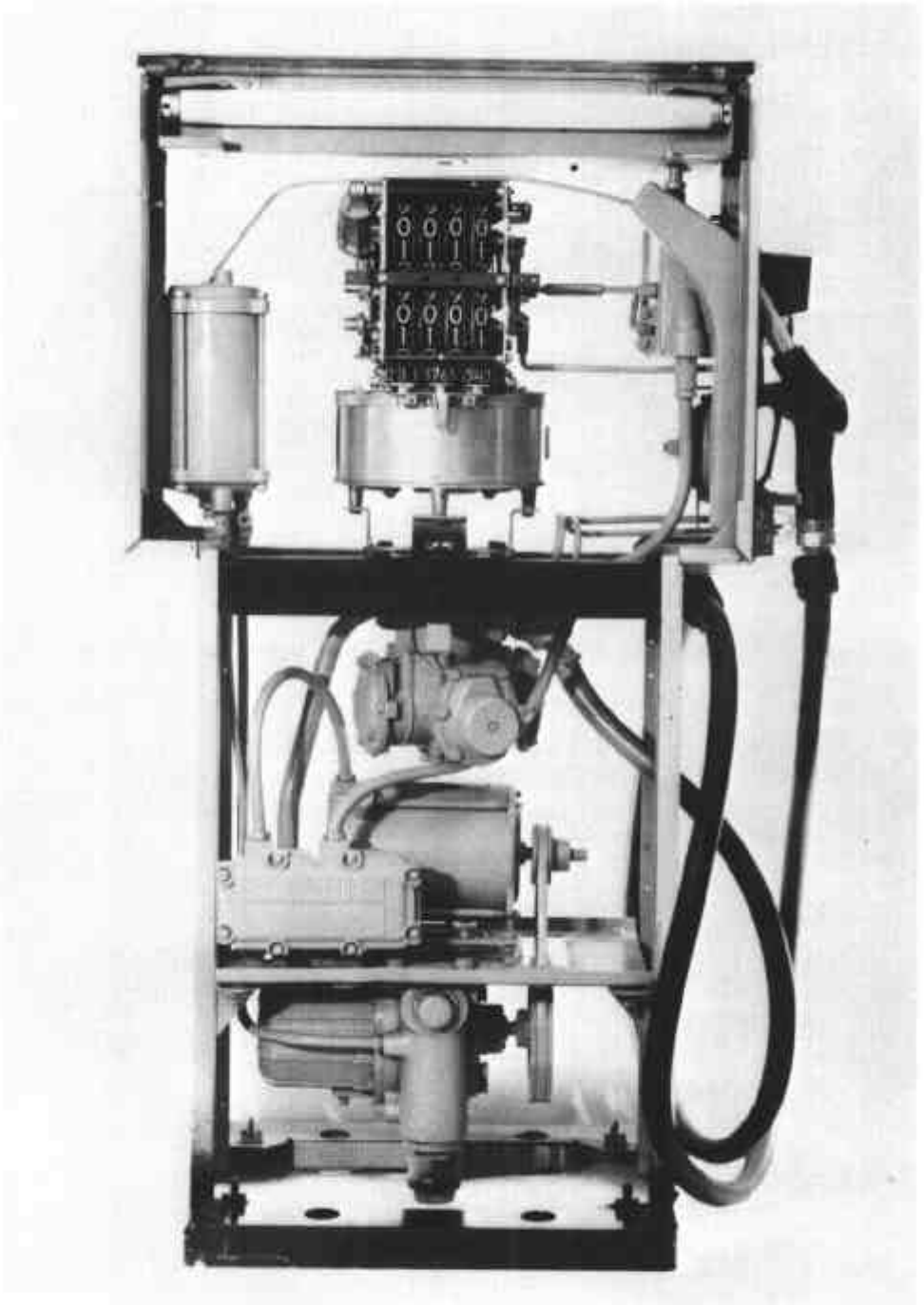
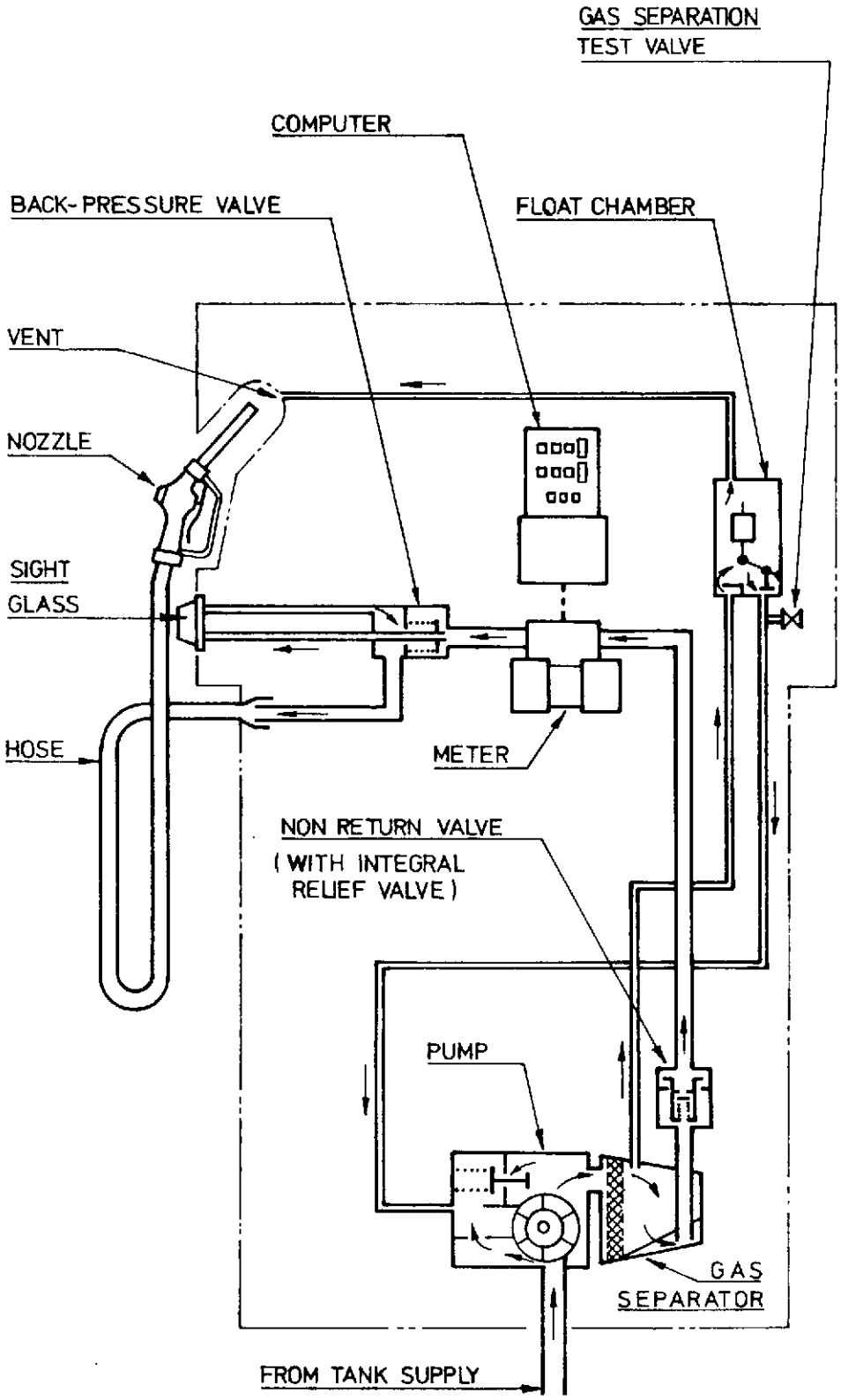
Gilbarco T166AA



Gilbarco T166AA

FIGURE 5/6A/62 - 4



Gilbarco T166AA, T167AA, T180AA and T181AA —
Hydraulic Diagram

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FIGURE 5/6A/62 - 5

Gilbarco T167AA

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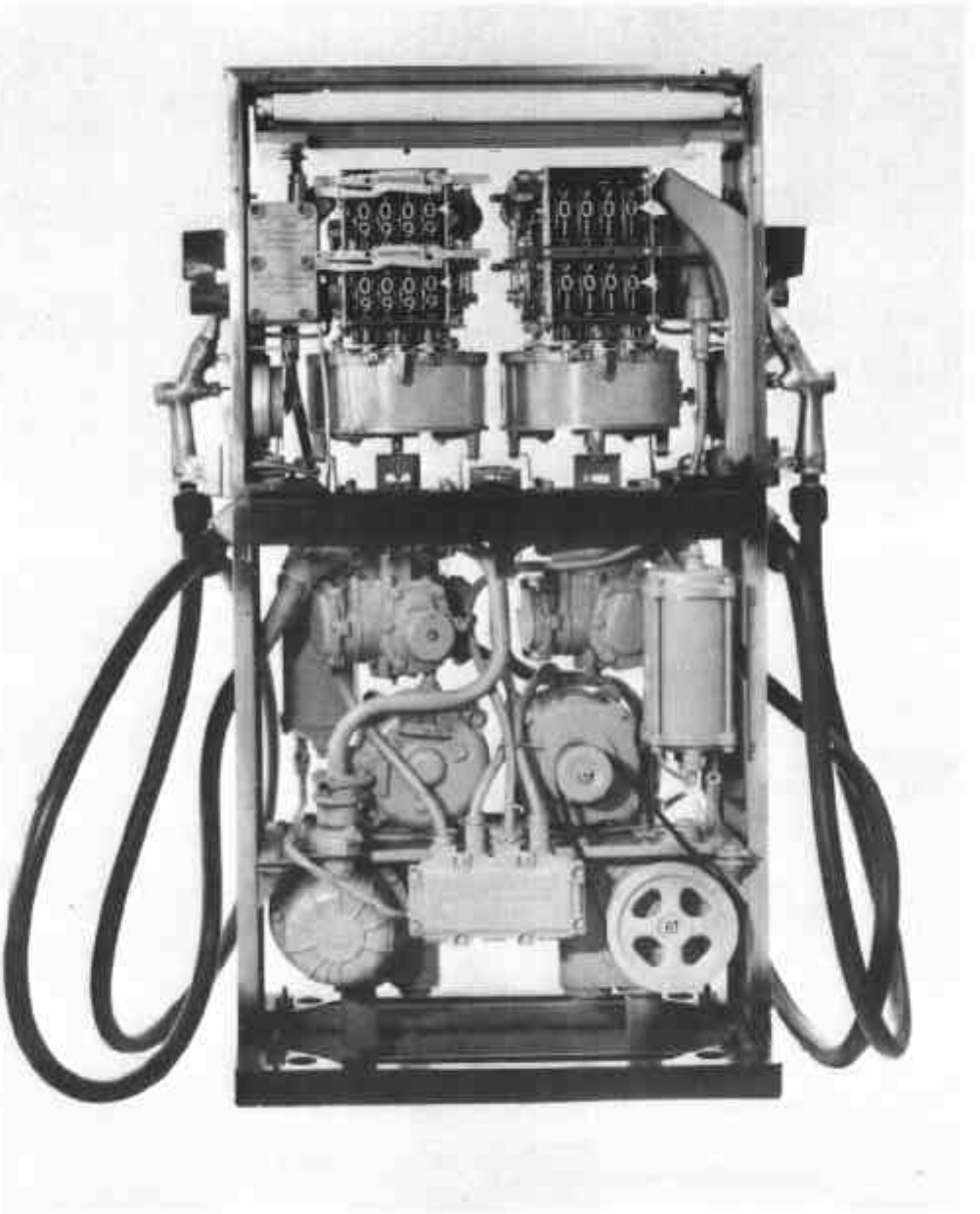
FIGURE 5/6A/62 - 6



Gilbarco T167AA

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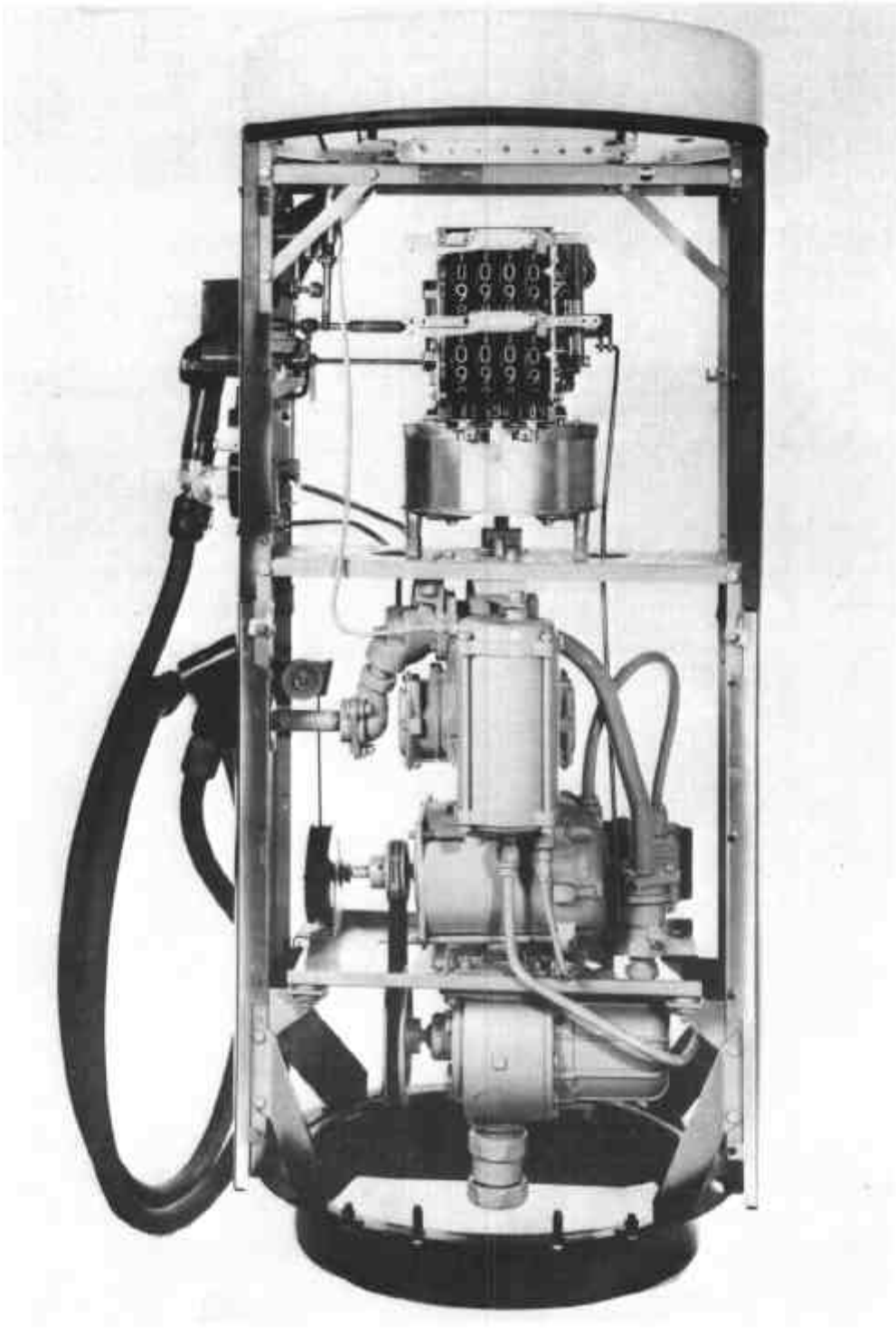
Gilbarco T180AA



Gilbarco T180AA

FIGURE 5/6A/62 - 9

Gilbarco T181AA

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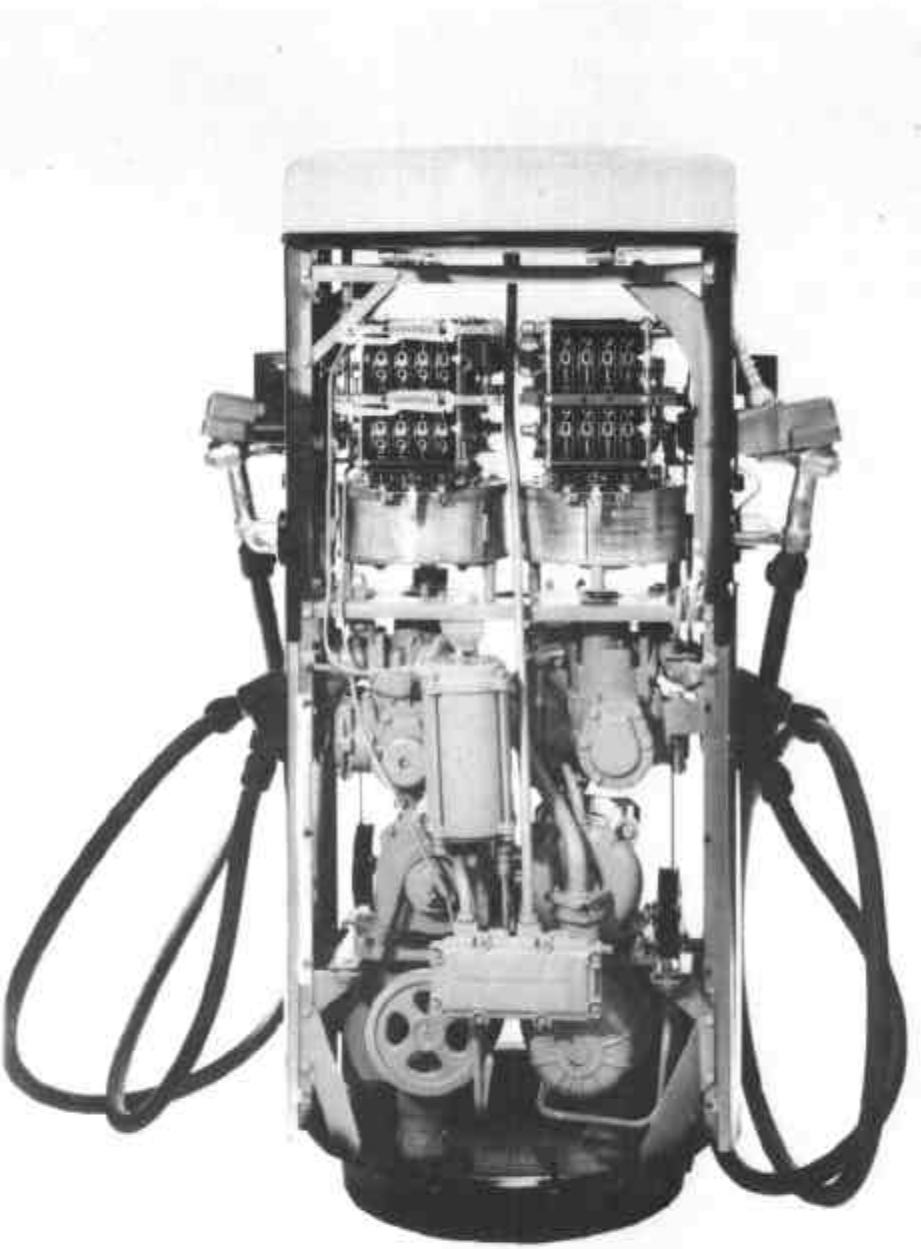
FIGURE 5/6A/62 - 10



Gilbarco T181AA

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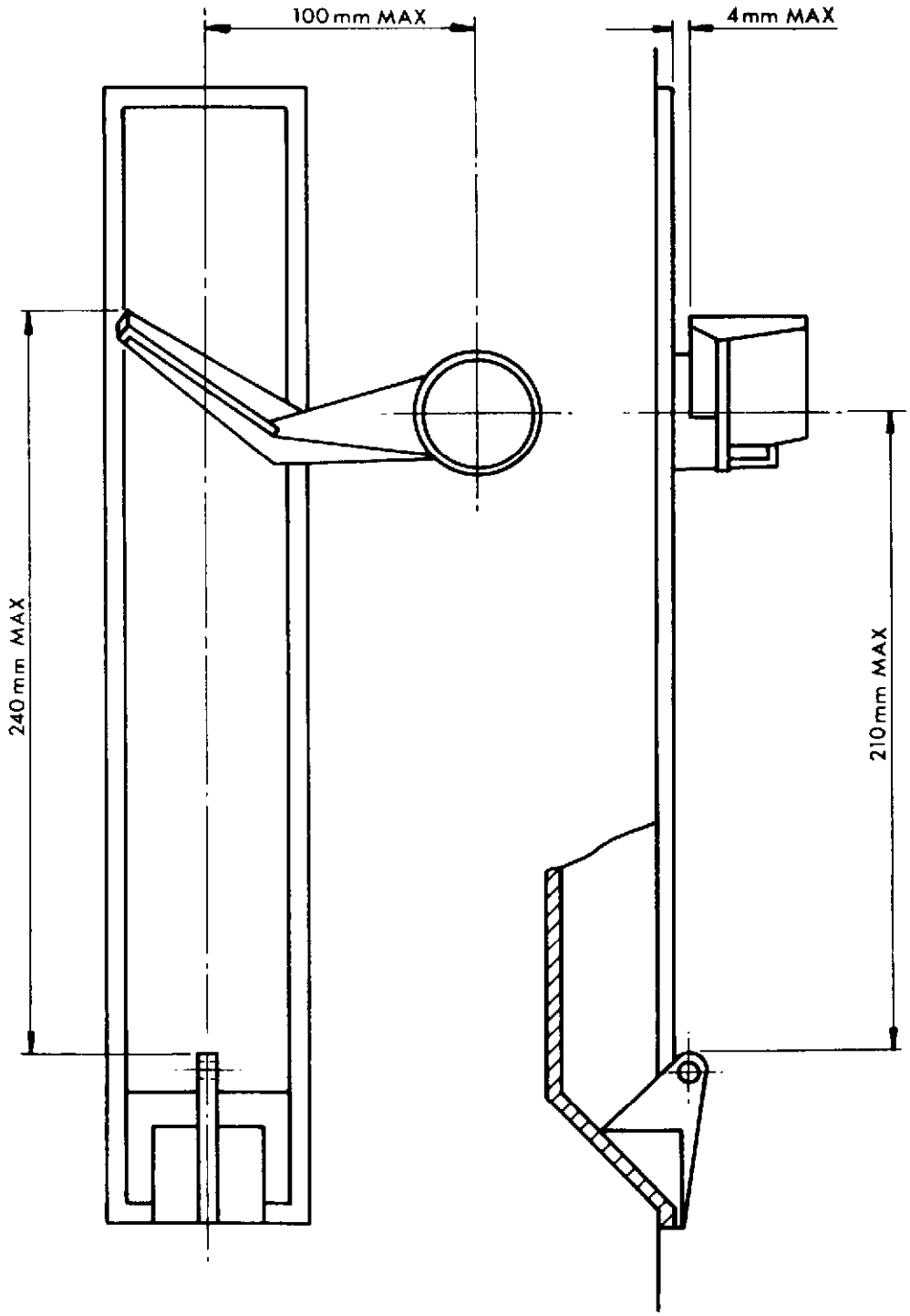
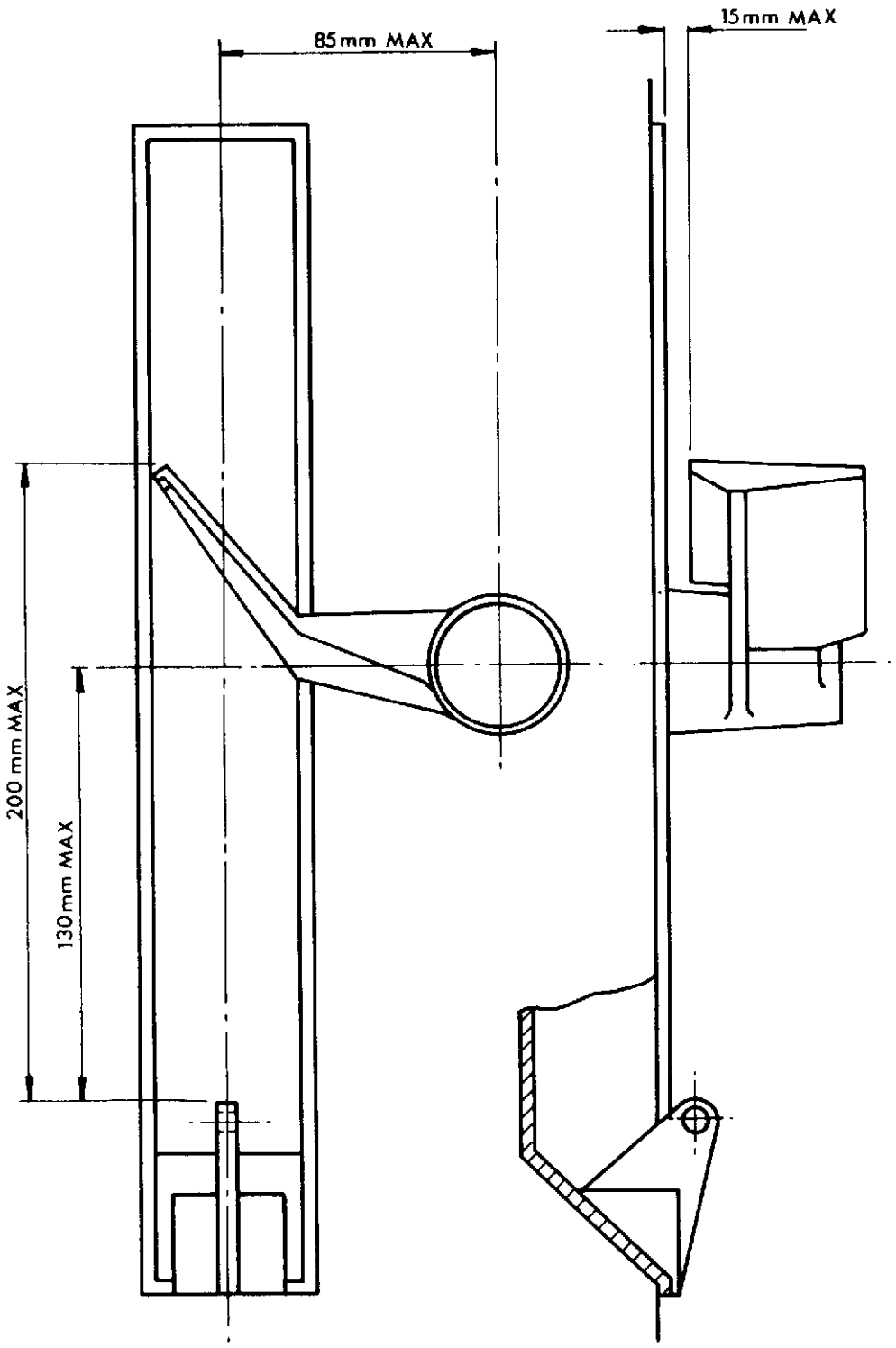
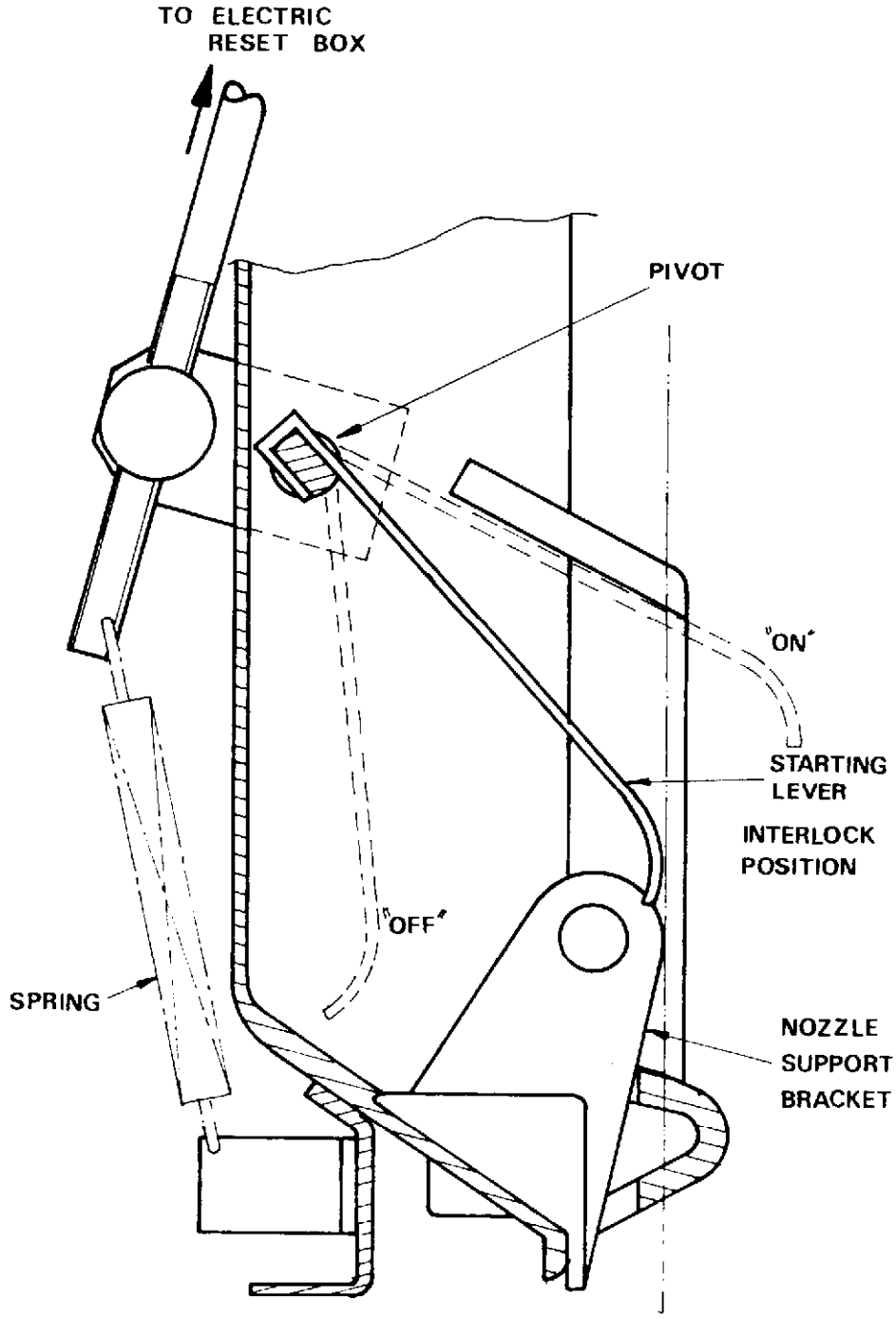


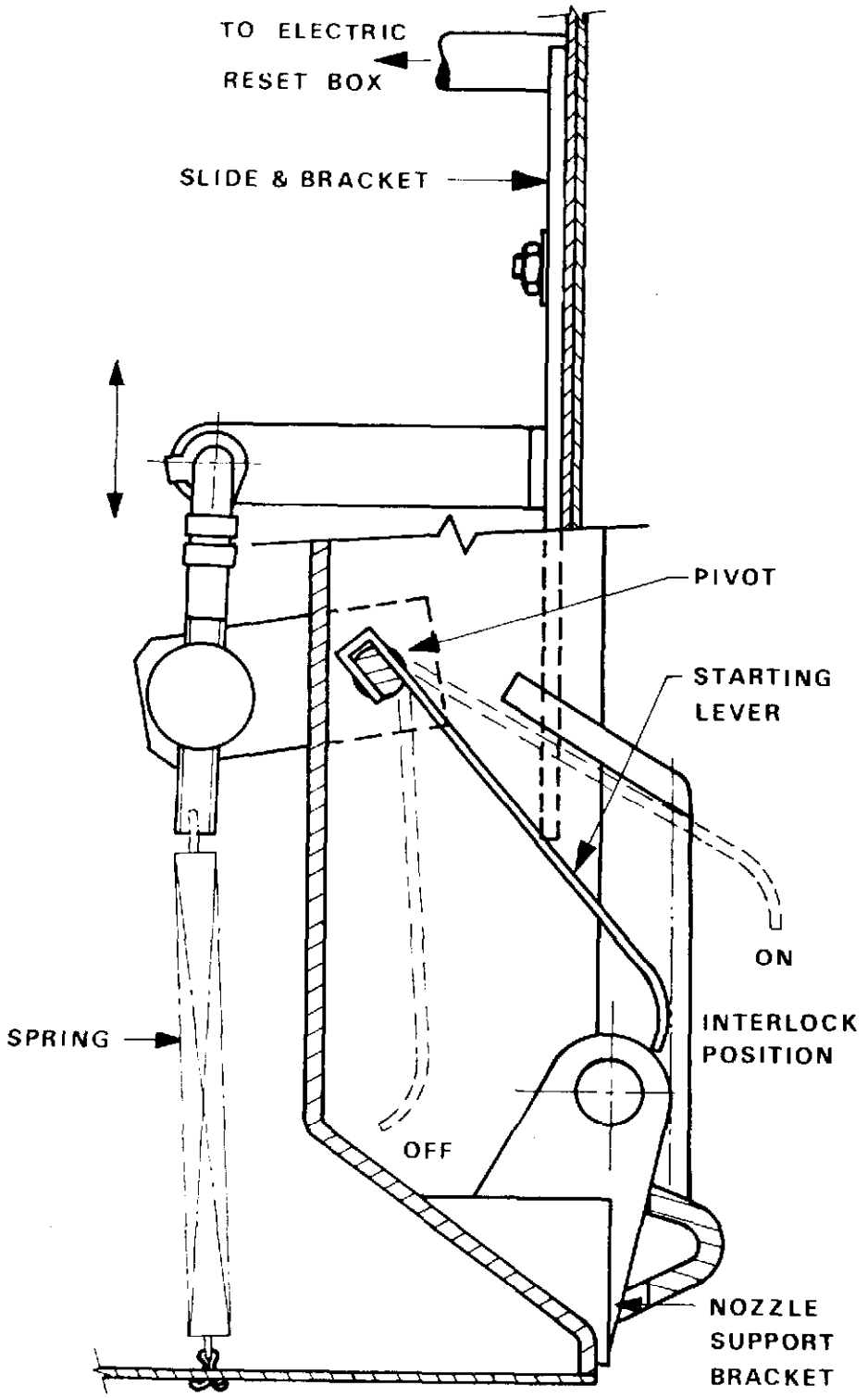
Gilbarco T166AA, T166AC, T167AA or T167AC —
Nozzle Hang-up



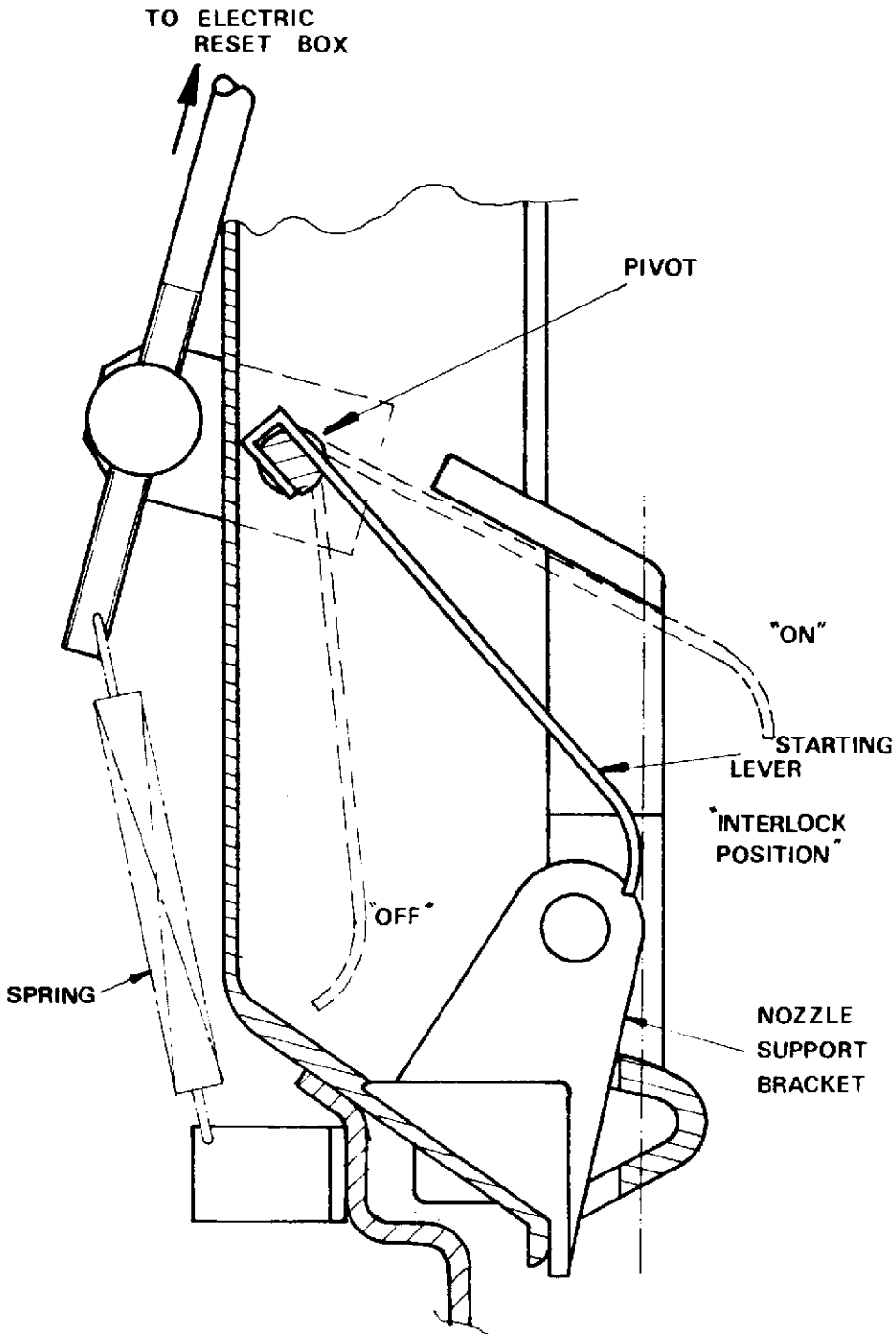
Gilbarco T180AA, T180AC, T181AA or T181AC —
Nozzle Hang-up



Gilbarco T166AB and T166AD — Nozzle Hang-up



Gilbarco T167AB and T167AD — Nozzle Hang-up



Gilbarco T180AB and T180AD — Nozzle Hang-up

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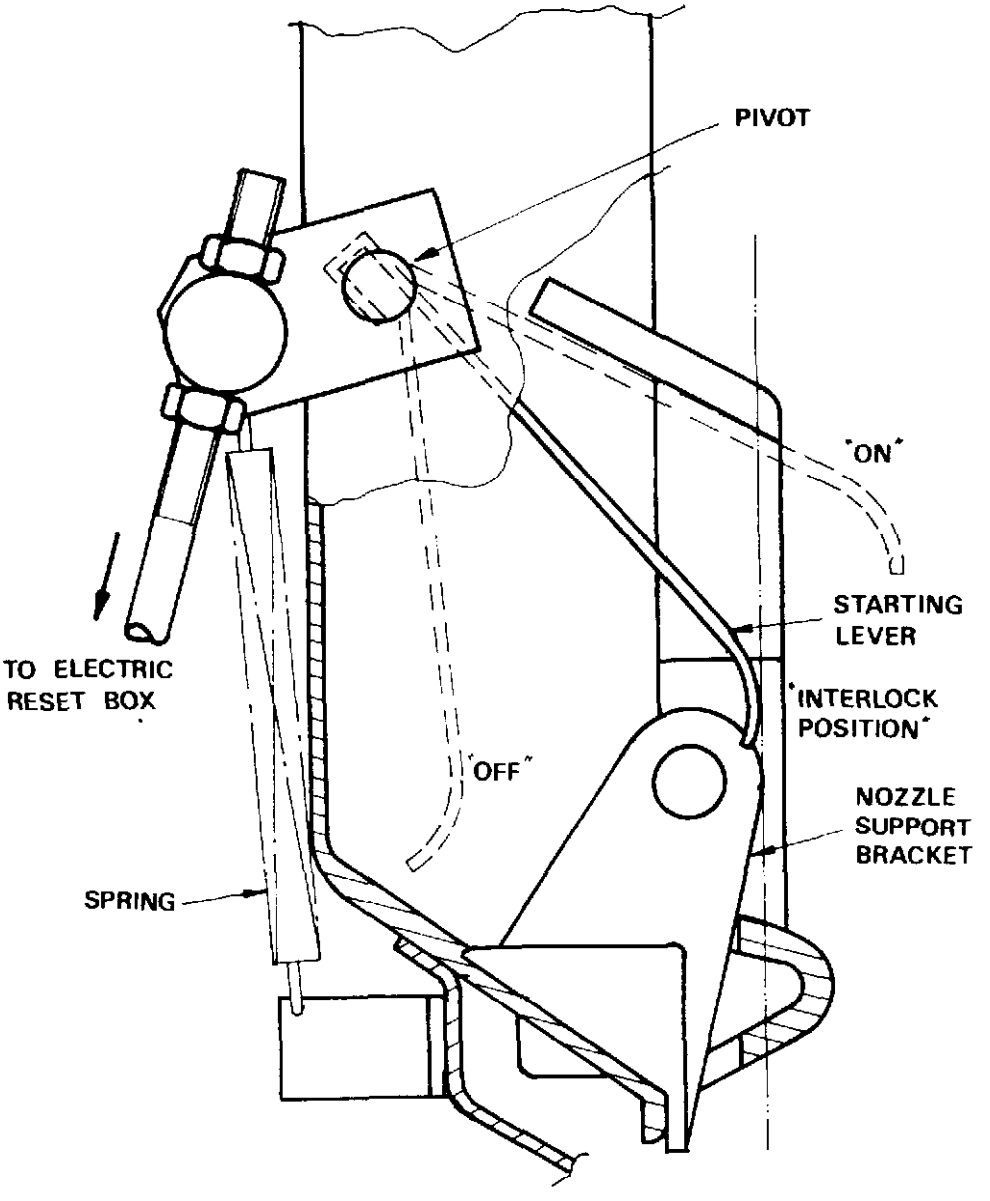

Gilbarco T181AB and T181AD — Nozzle Hang-up

Hang-up Bracket