



VACUUM TRAILER BRAKE CONTROLS

For Hand, Foot or Dual Operation

As approved by the Rover Co. Ltd. for use with the



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Fig. 1.

This equipment has been developed for use on petrol or diesel engined Land Rovers to cater for the increasing demand for trailers and caravans fitted with single line Vacuum Braking Systems.

The principle is to utilise vacuum taken from the engine (or Vacuum Pump in the case of diesel engines) and feed it via a Non-Return Valve and Reserve Tank to the control valve (see fig. 3). This patented control valve ensures that the power applied to the trailer brake is in proportion to the effort applied to the foot brake. A separate hand lever (see fig. 1) is provided to operate the trailer brakes only. From the Control Valve the vacuum is taken to an air-line coupling incorporating a sealing valve (see fig. 4) fitted at the rear of the towing vehicle.

To provide the vacuum on the diesel engined Models the F. & J. E. 240 belt driven Exhauster Unit has been developed. (see fig. 2)

This unit is mounted on the front left hand side of the engine and is driven from an additional pulley.

Full details and specification are given overleaf.



Fig. 2.

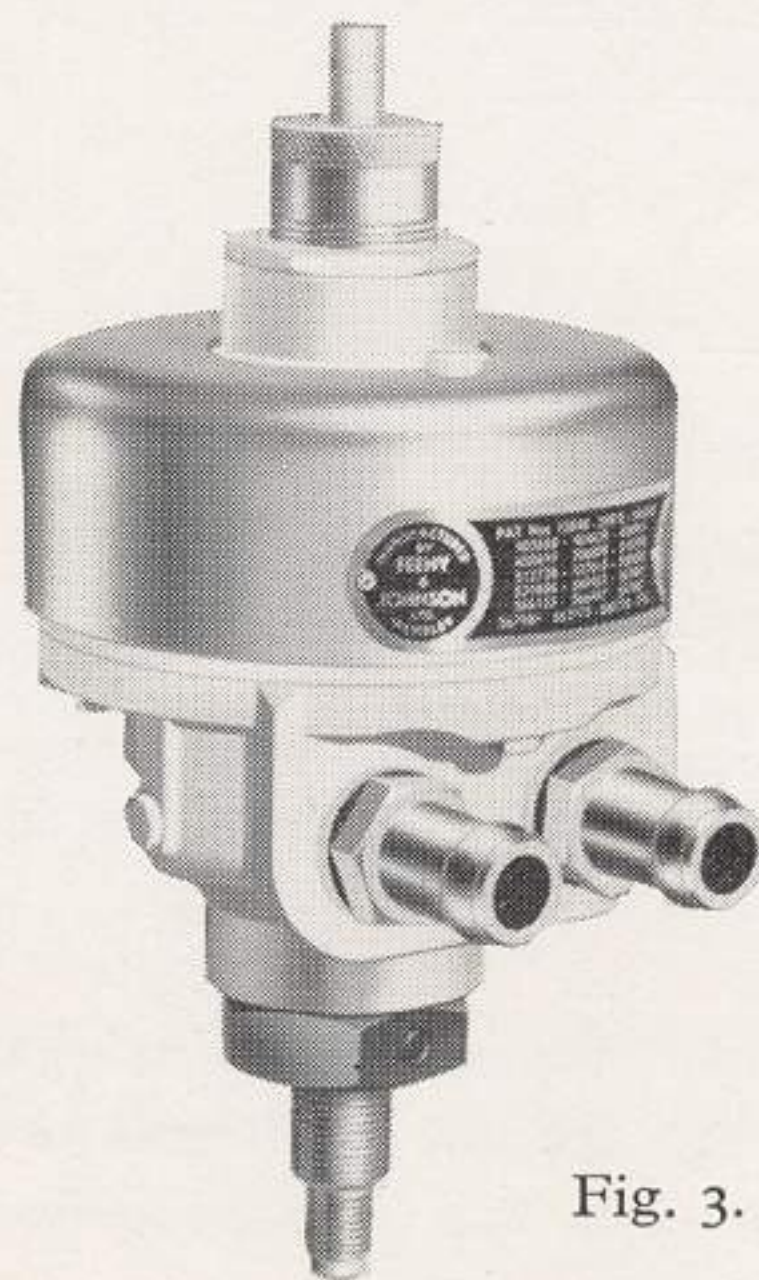


Fig. 3.

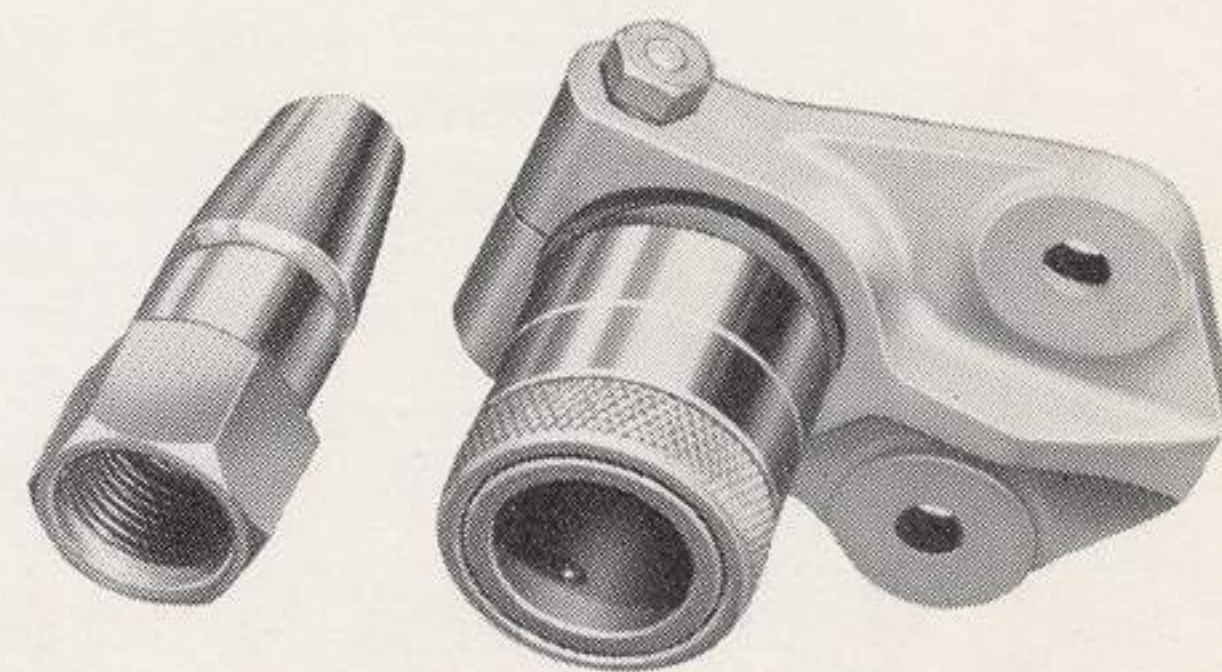


Fig. 4.

Designed and Manufactured by FEENY & JOHNSON LIMITED
134-136 EALING ROAD · WEMBLEY · MIDDLESEX · ENGLAND

Telephone: WEMbley 4801-4802

Cables and Grams: "Feejohn" Wembley

SPECIFICATION

On the petrol engined models, the vacuum is obtained from the induction manifold by fitting the adaptor supplied. When connecting the Control Valve for foot operation a Tee Piece is supplied for insertion into the existing hydraulic pipeline.

EQUIPMENT REQUIRED FOR PETROL MODELS

Qty.	Ref. No.		
I	LV 207	Dual Control Hydraulic Reaction Valve complete with Steering Column Hand Control Attachment.	NETT WEIGHT APPROX. 34 lbs.
I	262/7	Hydraulic Tee complete with nuts and 3/6" pipe assembly.	
I	1384	Induction Fitting. *	
I	Assy. 'D'	Female Portion Coupling fitted complete with Auto Valve, Bracket and Hose Nipple. (To S.M.M. & T. Standard No. 45).	
I	114/7	Coupling Blanking Plug complete with chain.	
I	VTI	24" x 6" x 5" Vacuum Reserve Tank complete with Non-Return Valve, etc.	
I	IIIB	2" Vacuum Gauge complete.	
	607	3/16" Gauge Piping. Vacuum Hose. * * * Clips for Vacuum Hose.	

ADDITIONAL EQUIPMENT REQUIRED FOR DIESEL MODELS

I	E240	Belt Driven Exhauster Unit complete with pulley, hose nipple and air breather.	NETT WEIGHT APPROX. 19 lbs.
I	Std.	Snifter/Relief Valve with connecting Hose and Tee.	
I	5362/1	Exhauster mounting bracket and Vee Belt.	
I	(Subject to Variation.)	Exhauster Drive Pulley.	

PRICES OF THE ABOVE ON APPLICATION

When ordering equipment, as much information as possible should be provided with regard to the equipment already fitted and the purpose for which the vehicle is mainly used.

NOTE

- * NOT required for Diesel Models.
- * * These items are not essential on the petrol model when used for towing the smaller types of Caravan, but must be fitted when towing Commercial Trailers or heavy Caravans and in all cases on the Diesel Models.
- * * * No. 601 1/2" bore required for smaller Caravans. No. 602 5/8" bore required for heavy Caravans and Trailers.

Land Rover extras required

NIL