



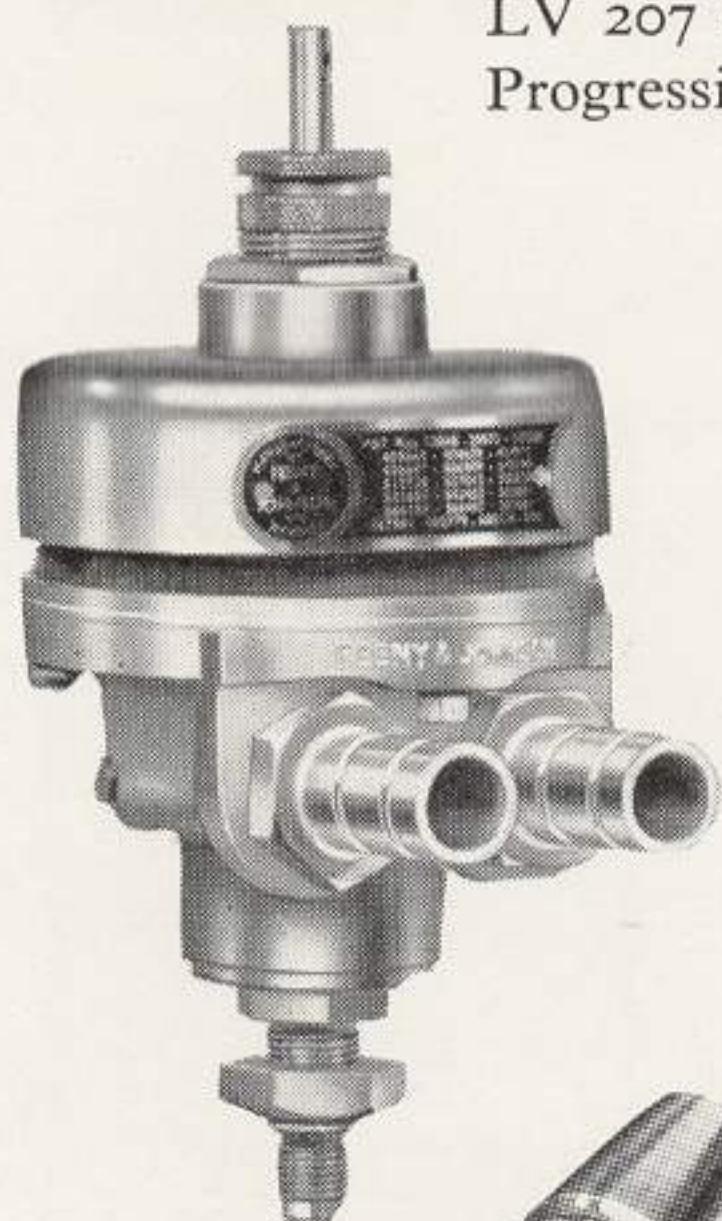
# VACUUM TRAILER BRAKE CONTROLS

## For Hand, Foot or Dual Operation

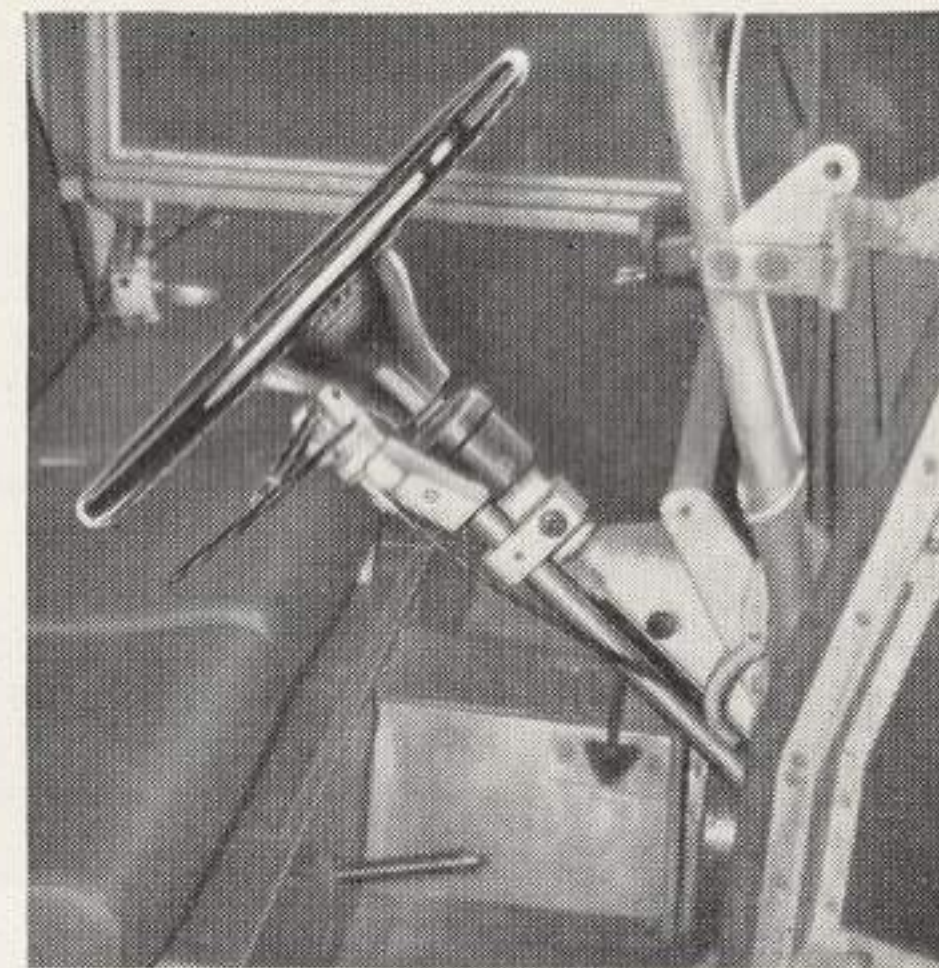
As approved by the Rover Co. Ltd. for use with the



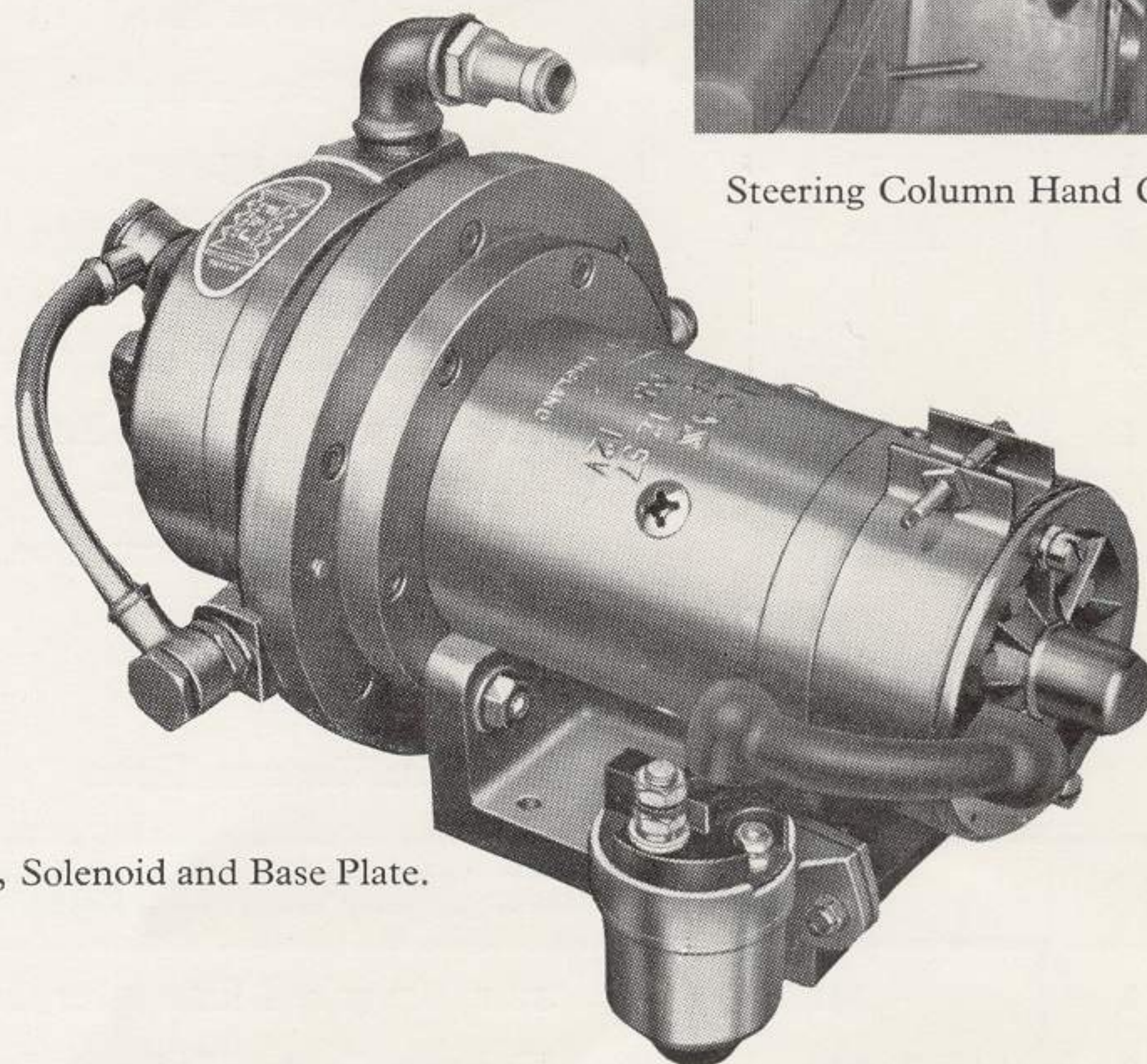
LV 207 Dual Control, Progressive Valve Unit.



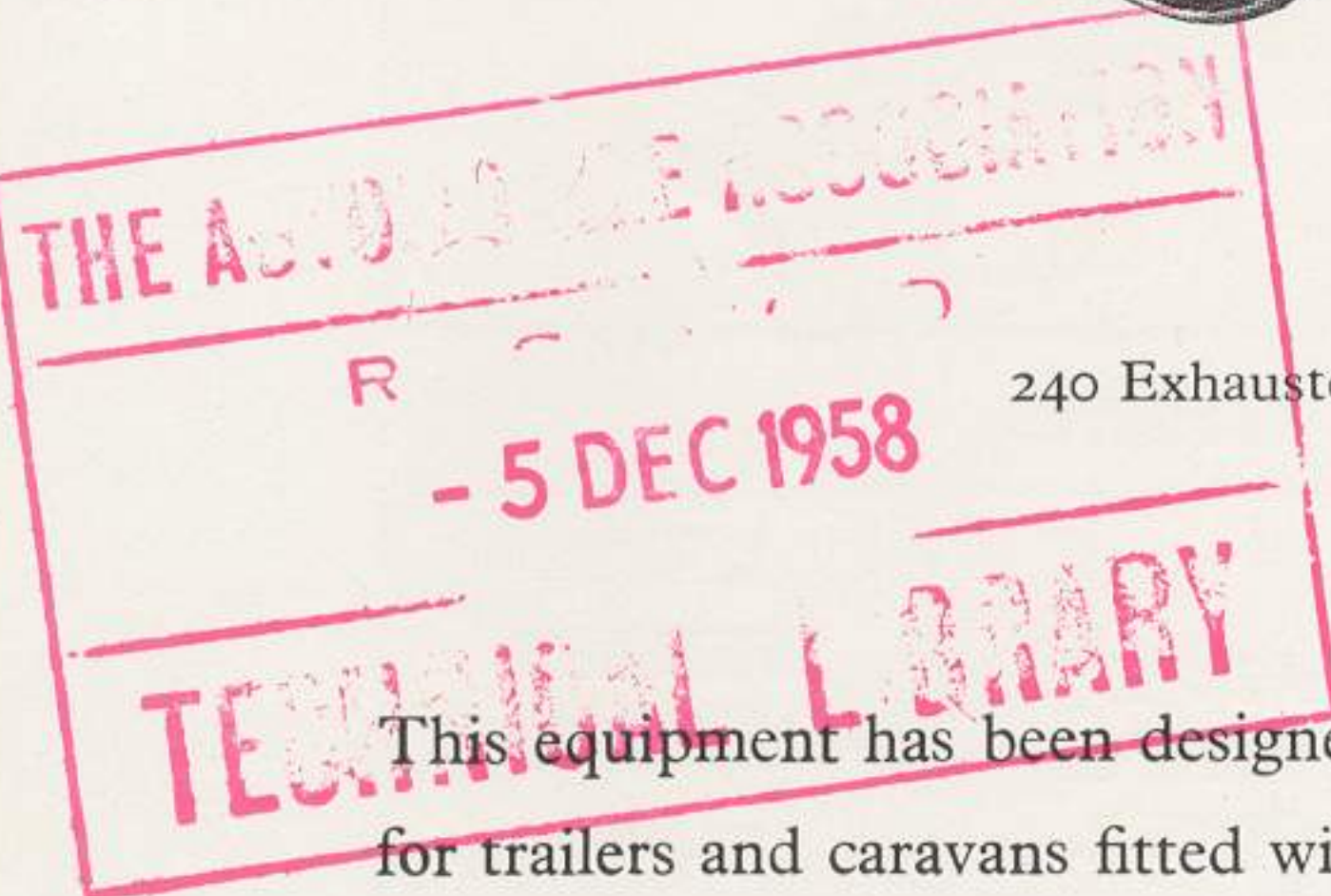
Combined Airline Coupling and Auto Switch when used on Diesel Models.



Steering Column Hand Control.



240 Exhauster Unit c/w 12v Motor, Solenoid and Base Plate.



This equipment has been designed 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.

To provide the vacuum on the diesel engined models the motorised (12v electric) Exhauster Unit has been developed, the running of which is controlled automatically by a special switch. This ensures that the Exhauster Unit only operates (a) when the trailer airline coupling is connected to the Land Rover and (b) when the vacuum in the reservoir falls below a predetermined figure by use of the trailer brakes.

*Full details and specification are given overleaf.*

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

Telephone: WEMbley 4801-4802 Cables and Grams: "Feejohn" Wembley

# SPECIFICATION AND DETAILS OF THE F & J VACUUM TRAILER

## *Brake Control Equipment*

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 MODEL

<u>Qty.</u>	<u>Cat. No.</u>		
1	LV 207	Dual Control Hydraulic Reaction Valve complete with Steering Column Hand Attachment.	
1	262/7	Hydraulic Tee complete with pipe assembly and nuts.	
1	1384	Induction Fitting.	*
1	Assy. 'D'	Female Portion Coupling complete with Auto Valve, Bracket and Hose Nipple.	
1	114/7	Coupling Blanking Plug complete with chain.	
1	VT1	24" x 6" x 5" Vacuum Reserve Tank complete with Non-Return Valve, etc.	* *
1	111 A	2" Vacuum Gauge complete.	
	607	$\frac{3}{16}$ " Gauge Piping.	
		Vacuum Hose.	* * *
		Clips for Vacuum Hose.	

NETT  
WEIGHT  
APPROX.  
34 lbs.

### ADDITIONAL EQUIPMENT REQUIRED FOR DIESEL MODEL

1	291	12 v Motorised Exhauster Unit complete.	NETT WEIGHT APPROX. 31 lbs.
1	290	Vacuum Control/Isolator Switch (fitted to Assembly 'D' Coupling mentioned above). (This switch will only work in conjunction with F. & J. Coupling Type 114) (Assembly 'D').	

Cable for wiring motor and switch is not normally supplied as this is a standard specification, which can be obtained from Auto Electricians. See wiring print.

#### 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  $\frac{1}{2}$ " bore required for smaller Caravans. No. 602  $\frac{5}{8}$ " bore required for heavy Caravans and Trailers.

***Land Rover extras required***

***NIL***

***Leaflet LR240-78***