

LAND - ROVER

KODIAK MK III

FRESH - AIR HEATER



FIG.1

Large defrost outlets provide full and efficient defrosting. The trunking has been designed with passenger comfort and leg room in mind. In addition to the normal air flow to the passenger's feet, a further outlet is provided for and controllable by the passenger.

THE ROVER MOTOR COMPANY OF NORTH AMERICA LIMITED now introduces the Kodiak Mark 111 Fresh Air Heater, a further development of the Land-Rover heater, with increased heating and de-icing capacity, plus improved air circulation, which is designed and built in Canada for applications in extreme winter conditions. This rugged, efficient unit is now being supplied by Land-Rover dealers throughout North America.

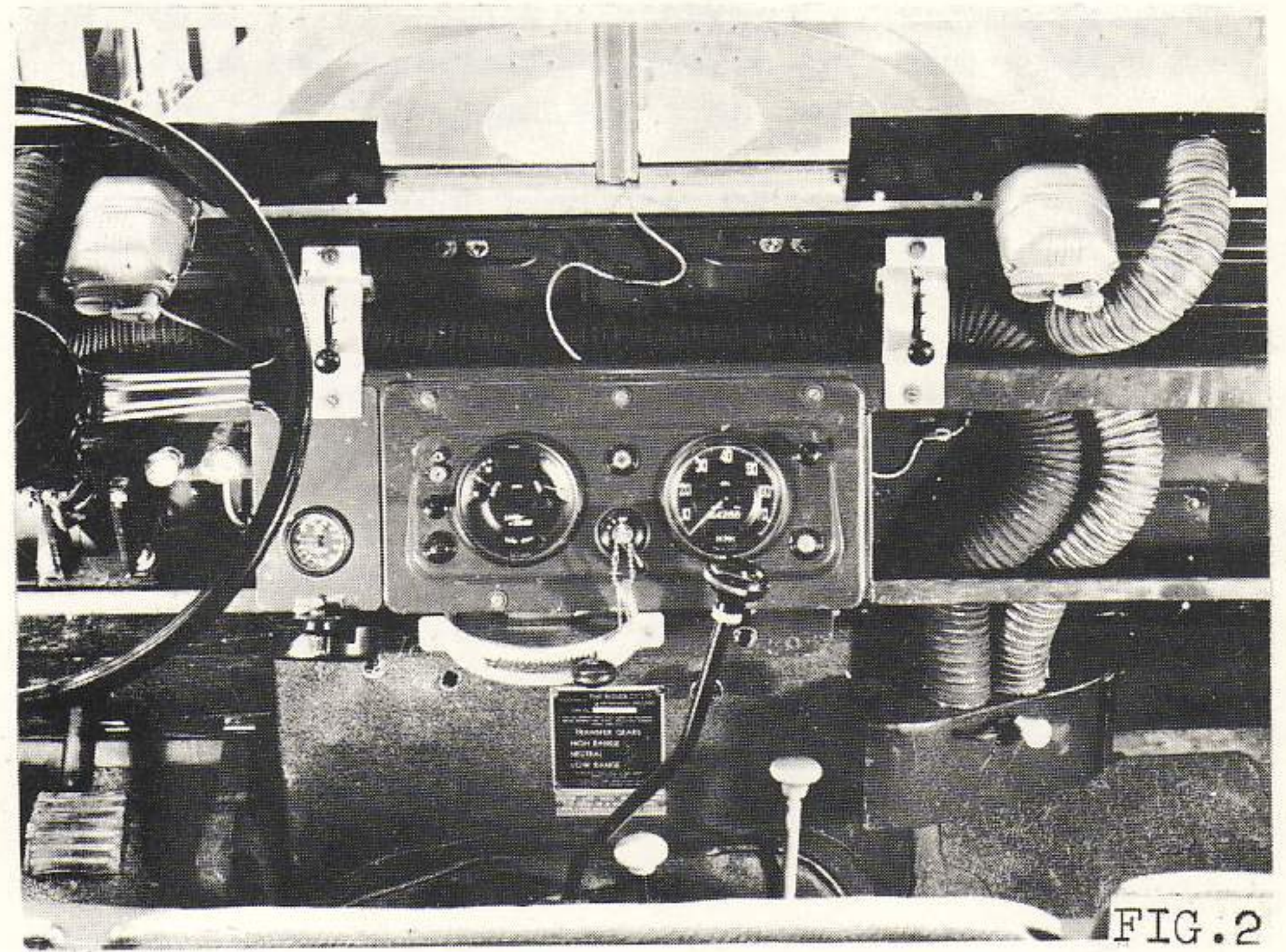


FIG.2

The control of the two speed electric motor and the coolant flow is effected by two push-pull switches mounted on the dash panel in front of the driver.

Output-----17,500 B. T. U. s/hr.
Air Flow----- 190 C. F. M.

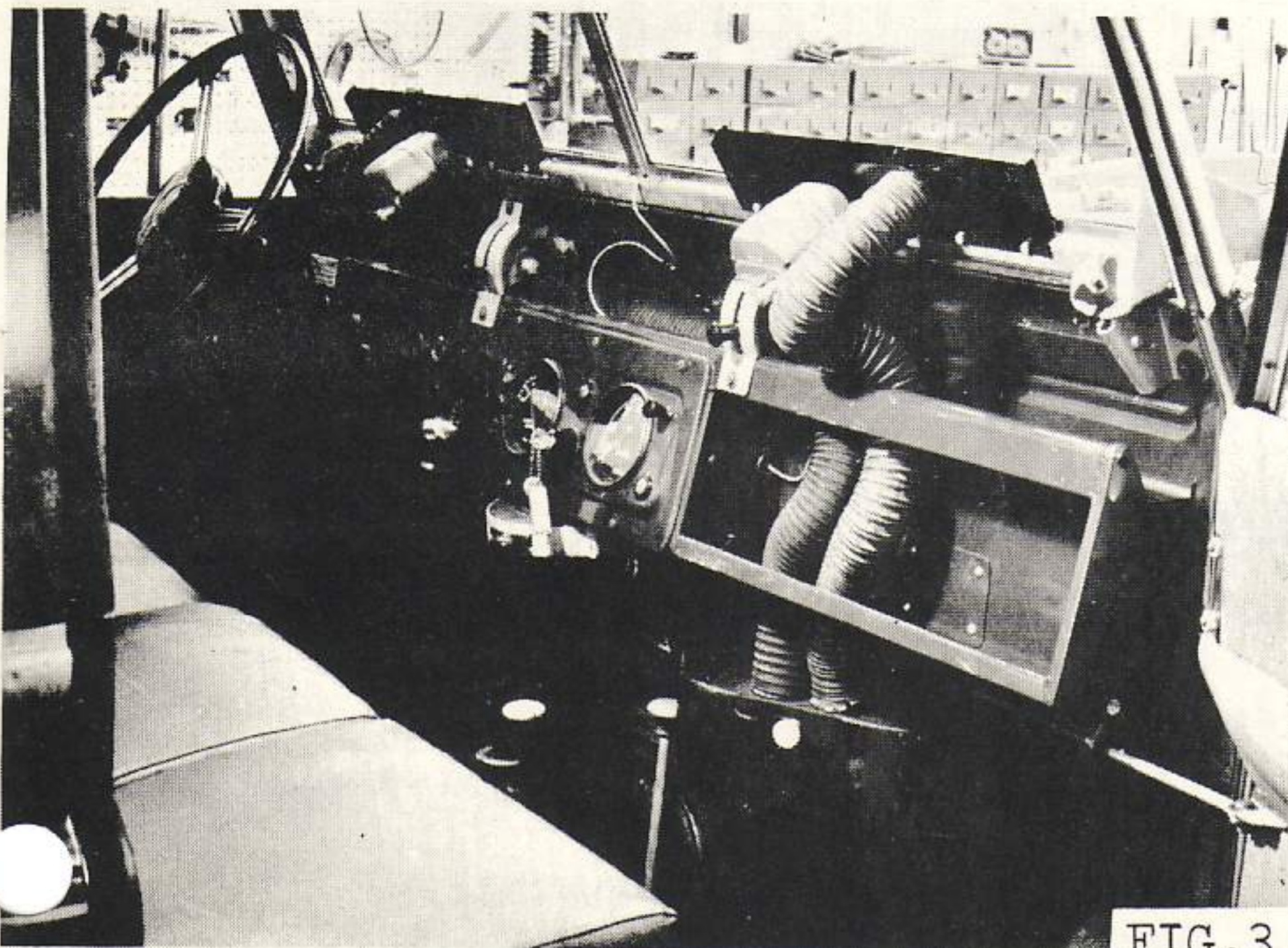


FIG.3



THE ROVER MOTOR COMPANY
OF NORTH AMERICA LIMITED

MOBILE DRIVE • TORONTO 16 • ONTARIO
156 WEST SECOND AVENUE • VANCOUVER 10 • B. C.
DOMINION SQUARE BUILDING • MONTREAL 2 • QUE.

405 LEXINGTON AVENUE • NEW YORK 17 • N. Y.
36-12 37TH STREET • LONG ISLAND CITY 1 • N. Y.
373 SHAW ROAD • SOUTH SAN FRANCISCO • CALIFORNIA

INSIDE VEHICLE

1. Mount defroster outlets as shown in fig. 2.
2. In top parcel shelf, 1" to right of windshield wiper connecting socket, punch two 2-3/8" dia holes as shown in fig. 2 (see list of tools required). In lower shelf of glove compartment, punch two similar holes to align with heater duct outlets.
3. On the driver's side, mount control panel between steering column and instrument panel as shown in fig. 2. To accommodate the control cable, it is necessary to drill one 5/16" hole through the fire wall which at this point is a hollow section.

OUTSIDE VEHICLE

4. Remove front hood, air cleaner and the diagonal body stay between the fire wall and the upright chassis bracket on the passenger side. Drain radiator.
5. With a hack-saw cut back the top of the vertical chassis bracket as shown in fig. 4.
6. Remove the four rivets locating the cover plate, nearest to the engine, on top of the footwell. fig. 4.
7. Increase the existing rectangular hole to 3 1/2" by cutting towards the second covering plate and 5" long by cutting 1" upwards. (N.B. - it is important to make a neat job of this, otherwise the meeting faces of the heater unit and internal ducting will not be flush).
8. In the right front fender, make a small centering hole 5 1/2" forward of the fender fire wall joint and 4 1/4" below the top surface of the fender. With a hole cutter (obtainable locally), cut a 4" hole.
9. On the inside of the fender, mount wire mesh screen and circular flange, locate with metal screws as shown fig. 5.
10. Mark position for 3rd mounting stud and drill 5/16" hole. Mount rubber intake hose to heater and mount heater in position on the vehicle. Drill 5/16" hole for heater location strap, and locate bolt.
11. Cut 1 1/2" from top of control tap mounting bracket and mount close under rain channel, 5 1/2" from regulator mounting bracket screw to centre of tap.

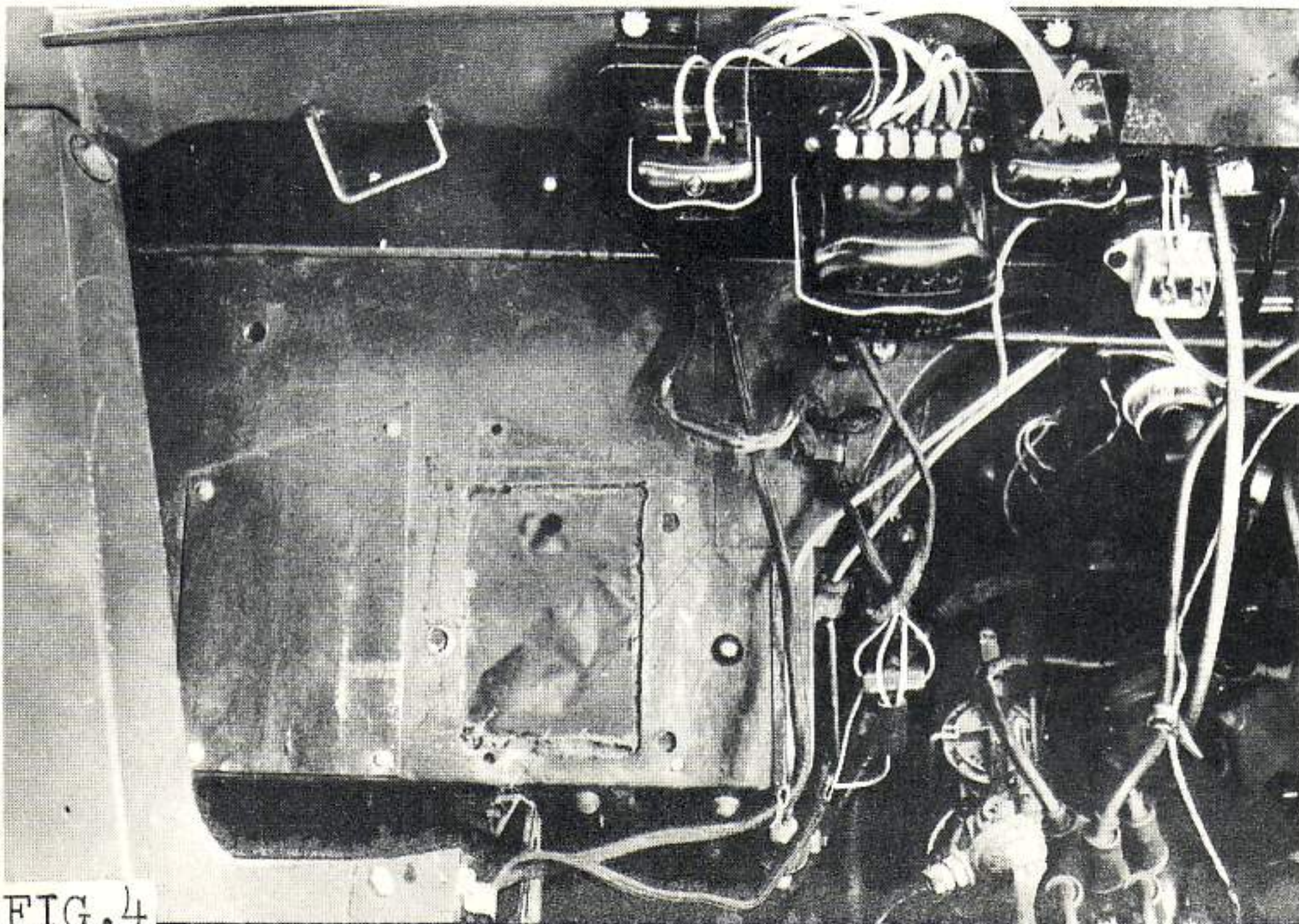


FIG. 4

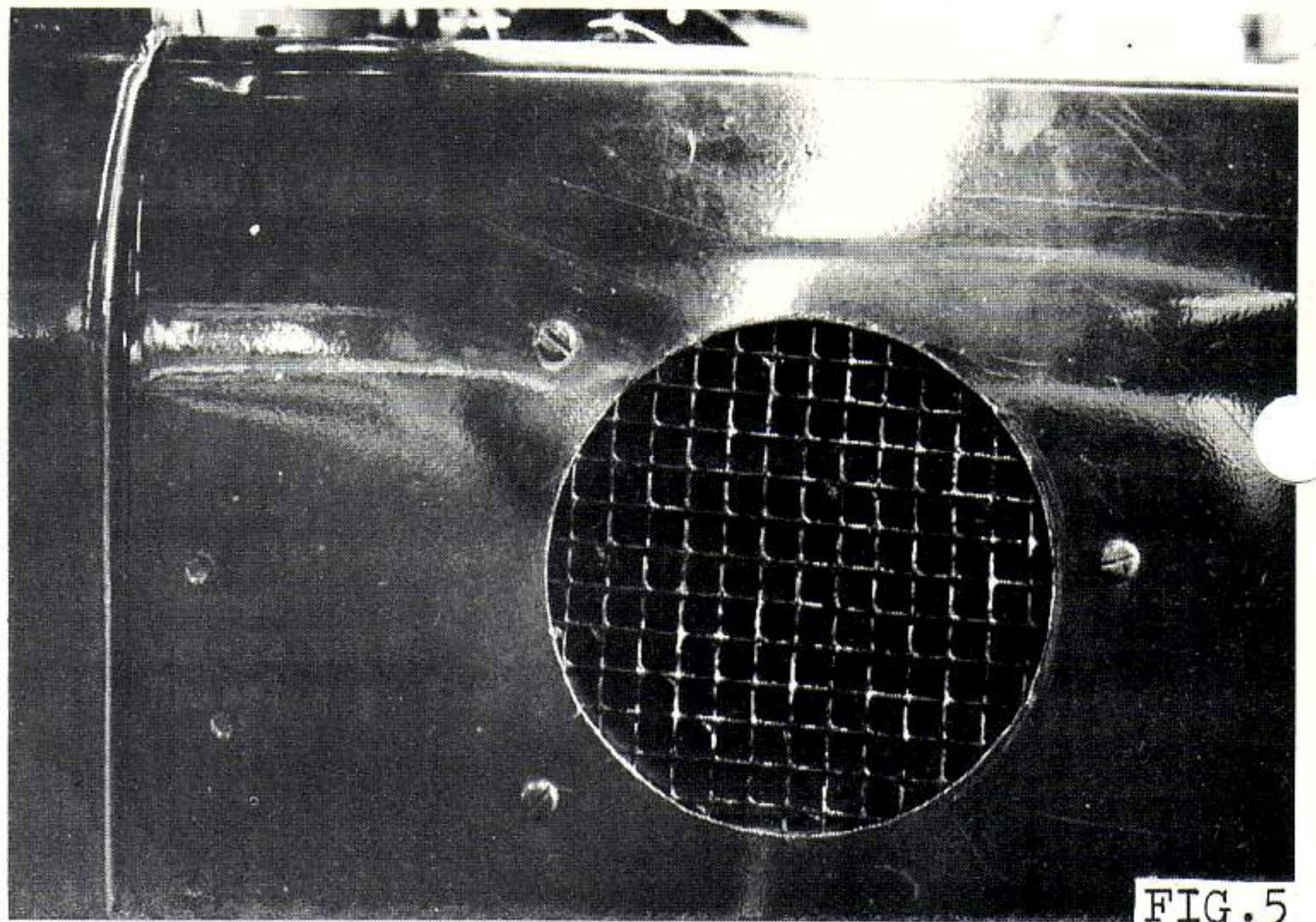


FIG. 5

12. Remove brass hexagon plugs from the front and rear of cylinder head and mount heater adaptors and hose pipes. Fasten all clips. (N.B. - hose from rear of cylinder head to bottom heater outlet.
13. Connect cable to control tap unit and check operation.
14. Fit jumper leads from (a) heater to switch; (b) switch to fuse box. Jumper leads pass through fire wall to switch, drill necessary hole.

INSIDE VEHICLE

15. Offer up the interior air ducting to the heater mounting studs and firmly bolt in position.
16. Mount the 2" defroster hose.
17. Start the engine and test the operation of the unit.
18. It is not usually necessary to bleed the system of air, but top up the radiator after a few minutes operation.

N.B. - For the best performance, a water temperature of 80 degrees C is required.

SPECIAL TOOLS

1. 'Knock-out Punch' for 2" conduit. Obtainable from your Rover depot under part numbers - NA 1567 and NA 5567.
2. Sheet metal hole cutter.

STANDARD WORKSHOP TOOLS

1. One 1/2" and one 1/4" electric drill.
2. Screwdriver.
3. 7/16" socket and ratchet.
4. 5/16" wrench.
5. 1/8", 5/16" and a 3/4" drill with reduced shank.
6. Hacksaw.
7. One flat and one half round file.
8. Hammer.
9. Centre punch.
10. Chisel - 1/2" flat.