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Rover Service News Letter No. 98

December, 1958

TO ALL DISTRIBUTORS AND DEALERS

Dear Sirs,

The changes and developments set out below have taken place during the past month.

SECTION I

POLICY

Item 450 SUBJECT:

LAND-ROVER PROGRAMME

REMARKS:

See Item 451 in this News Letter for information on the introduction of the 2½ litre engine on the Land-Rover 88 model.

SECTION II

WORKSHOP AND PARTS INFORMATION

Item 451 SUBJECT:

LAND-ROVER PROGRAMME

MODELS:

1959 Land-Rover 88 Petrol.

MODIFICATION:

Introduction of the 2½ litre petrol engine on the Land-Rover 88 models.

COMMENCING
NUMBERS:

Vehicles numbered:

88 Petrol Basic Home R.H.D. 141900001 onwards
88 Petrol Basic Export L.H.D. 144900001 onwards
88 Petrol Basic Export R.H.D. 142900001 onwards
88 Petrol C.K.D. Export L.H.D. 145900001 onwards
88 Petrol C.K.D. Export R.H.D. 143900001 onwards

PART NUMBER:

Front exhaust pipe 1 501206

REMARKS:

Land-Rover 88 models are now being fitted with the 2½ litre petrol engine as used on the 109 model, in place of the 2 litre sloping head engine.

The only completely new part introduced with the change of engine is the front exhaust pipe Part No. 501206. All other parts, in the Land-Rover Series II Parts Catalogue Part No. 4187, detailed for the 2½ litre model are applicable to the 1959 Land-Rover 88.

Item 452 SUBJECT:

CYLINDER HEAD

MODELS:

1959 Land-Rover Diesel.

MODIFICATION:

Introduction of modified hot plug to reduce noise level.

PART NUMBER:

Hot plug for cylinder head 4 502615

COMMENCING
NUMBERS:

Engines numbered:

88 Diesel models from 146900523 onwards
109 Diesel models from 156900286 onwards

REMARKS:

All stocks of replacement Diesel engine cylinder heads supplied as from November 1st will be of the latest type with modified hot plugs. Any cylinder heads Part No. 504588 which Distributors and Dealers may have had in stock prior to November 1st and which are not identified by a splash of red paint must be modified by fitting four new hot plugs Part No. 502615.

Service replacement hot plugs will be the latest type only; they can be identified by the "pimpled" effect inside the plug and must be fitted in sets of four when used on earlier Diesel engines.

The recommended timing for the Diesel engine with the latest type cylinder head with modified hot plug is 16° B.T.D.C.

Whilst the original timing of 17° B.T.D.C. is satisfactory due to the considerable reduction in light load smoke, it is now possible to use the more retarded timing, gaining about 1 to 1½% torque and reducing black smoke in the lower speed range.

- Item 453** SUBJECT: **INJECTOR PUMPS**
 MODELS: Land-Rover Diesel.
 REMARKS: Checking and testing the C.A.V. injector pump as fitted to the Land-Rover Diesel models is most important and should normally be carried out by C.A.V. Agents.
 However, for those Distributors and Dealers who have the necessary facilities for carrying out this work, we are making available, on application to The Rover Company, Technical Service Department, copies of Test Data Sheets covering the D.P.A. injector pump.
 It must be emphasised that these test figures are of no use at all unless the necessary special equipment is available and that they should be requested only by those Distributors and Dealers who are capable of using them.
- Item 454** SUBJECT: **WATER OUTLET PIPE, THERMOSTAT TO RADIATOR**
 MODELS: 1959 Diesel and 2¼ litre petrol.
 MODIFICATION: Introduction of cast iron water outlet pipe, replacing aluminium to prevent possibility of corrosion.
 PART NUMBER: Water outlet pipe, thermostat to radiator 1 501931
 COMMENCING NUMBERS: Engines numbered:
 2¼ litre Petrol models from 151902865 onwards
 88 Diesel models from 146900457 onwards
 109 Diesel models from 156900267 onwards
 REMARKS: Early and late type water pipes are completely interchangeable.
- Item 455** SUBJECT: **ACCELERATOR CONTROLS**
 MODELS: 1959 105
 MODIFICATION: Introduction of improved accelerator controls, progressive linkage, to give smoother throttle opening.
 PART NUMBERS: Carburetter, front 1 501519
 Carburetter, rear 1 501520
 Eye for accelerator pedal 1 501357
 Accelerator lever 1 501359
 Control rod, accelerator lever to countershaft 1 503145
 Control rod, switch to lever 1 501364
 Compression rod, countershaft to carburetter 1 503143
 Lever, countershaft to dash 1 501358
 Lever, countershaft to carburetter 1 501570
 Lever for carburetter, front 1 501374
 REMARKS: A kit of accelerator controls to convert earlier 105 S models, complete with Fitting Instructions, can be obtained from our Parts Department under Part No. 510310.
- Item 456** SUBJECT: **REAR NUMBER PLATE**
 MODELS: Rover 3 litre.
 REMARKS: The rear number plate on the 3 litre models can be easily removed to enable individual numbers to be fitted. This should be done in preference to fitting another conventional number plate on top of the existing one.

Yours faithfully,
 for THE ROVER COMPANY LIMITED,

M. Brewster

Publications Editor,
 Technical Service Department.