



Service Department:

**THE ROVER COMPANY LIMITED**

SOLIHULL  
WARWICKSHIRE  
ENGLAND

LAND-ROVER SERVICE NEWS LETTER

No. 5

December 1960

- Item 28** SUBJECT: **CONNECTING RODS WITH ROLLED THREAD BOLT**
- MODELS: Land-Rover 2½ litre.
- PART NUMBERS: Connecting rod assembly ..... 4 518809  
 Bolt for connecting rod ..... 8 518468
- MODIFICATION: Introduction of rolled thread connecting rod bolts in place of bolts with machine cut thread. Improved manufacturing method.
- REMARKS: Connecting rods with rolled thread bolts can be identified by means of a drill point at the nut end. When using these bolts it is most important that the nuts are tightened to a torque of only 25 lb ft (3,5 mkg). This lower tightening torque is necessary due to the superior finish on rolled thread bolts compared with the machine cut equivalent, resulting in less friction between bolt and nut. Do not over-tighten as this may result in stretched or broken bolts. The latest type connecting rod can be used on earlier 2½ litre engines but should be fitted in engine sets. However, if one rod only is fitted the bolts in the remainder of the connecting rods should be changed to ensure that all nuts are tightened up to the same torque figure.
- A complete engine set of connecting rod rolled thread bolts can be obtained from our Parts Department under Part No. 522607.
- Item 29** SUBJECT: **STUDS FOR EXHAUST MANIFOLD**
- MODELS: Land-Rover Diesel.
- PART NUMBER: Stud for exhaust manifold ..... 4 252621
- REMARKS: Parkerised studs for the exhaust manifold have been introduced, replacing the zinc plated studs previously used, in order to avoid premature fracture. The parkerised studs can be used on all earlier Diesel Land-Rovers. On reassembly the studs should be smeared with colloidal graphite.
- Item 30** SUBJECT: **HEAT SHIELDS FOR EXHAUST MANIFOLD AND EXHAUST PIPE**
- MODELS: Land-Rover Series II 2½ litre petrol.
- MODIFICATION: Introduction of heat shields on exhaust manifold and exhaust pipe to insulate left-hand toe box from excessive heat due to close proximity of exhaust pipe and manifold.
- PART NUMBERS: Bracket, exhaust manifold flange to heat shield ..... 1 515506  
 Shield for exhaust manifold ..... 1 515597  
 Support strip, heat shield to starter motor fixing ..... 1 515332  
 Heat shield for exhaust pipe at left-hand toe box ..... 1 509582 1960  
 Pipe clamp for heat shield ..... 2 503307 1960

REMARKS: The above parts can be fitted to any earlier Land-Rover 2½ litre petrol model. The various nuts and bolts fixing the above parts have not been included under part numbers above. However, kits of parts complete with fitting instructions for modifying earlier models can be obtained from our Parts Department as detailed below:—

Heat shield kit for exhaust manifold and exhaust pipe .... 1 516496 R.H.D.  
 Heat shield kit for exhaust manifold and exhaust pipe .... 1 516945 L.H.D.

**Item 31 SUBJECT: ROAD SPRINGS, REAR**

MODELS: Land-Rover 88, Series II.

MODIFICATION: Introduction of increased camber rear springs to rectify premature break-up of rear bump rubbers due to insufficient bump clearance when vehicle is fully laden and operating under cross-country conditions.

PART NUMBERS: Road spring, rear, driver's side .... 1 517588  
 Road spring, rear, passenger's side .... 1 517589

COMMENCING NUMBERS: 88 Home, R.H.D. petrol models from 141100190 onwards  
 88 Export, R.H.D. petrol models from 142100096 onwards  
 88 Export, L.H.D. petrol models from 144100148 onwards  
 88 Home, R.H.D. Diesel models from 146100080 onwards  
 88 Export, R.H.D. Diesel models from 147100007 onwards  
 88 Export, L.H.D. Diesel models from 149100019 onwards

REMARKS: As the new road springs, which can be identified by the part number stamped on the underside of the third or bottom leaf, give an increase in camber of ¾" (19 mm) they are not interchangeable as individual items. They can, however, be fitted in pairs to any earlier Land-Rover 88 Series II models

**Item 32 SUBJECT: FUEL FILTER KIT**

MODELS: 1961 Land-Rover 2 litre Diesel.

PART NUMBER: Fuel filter kit complete .... 1 522756

REMARKS: 1961 Land-Rover 2 litre Diesel models can be converted to the twin fuel filter system by fitting all the parts supplied under the fuel filter kit, Part No. 522756. Fitting Instructions are supplied with each kit of parts.

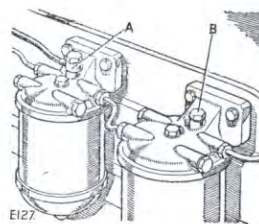


Fig. 1—Twin fuel system

**Item 33 SUBJECT: FROST PRECAUTIONS**

MODELS: Land-Rover.

REMARKS: With effect from Friday, October 28th 1960 and for the duration of the winter months, all vehicles despatched from the Rover factory have had the cooling system filled with a 25% solution of anti-freeze mixture giving frost protection down to 0°F (-18°C).

Each vehicle which has been filled with anti-freeze mixture can be identified by a blue disc which is fastened to the engine and a blue sticky label fixed on the inside of the windscreen at the right-hand side.