



Service Department:

**THE ROVER COMPANY LIMITED**

SOLIHULL  
WARWICKSHIRE  
ENGLAND

LAND-ROVER SERVICE NEWS LETTER  
No. 19

February 1962

**Item 96** SUBJECT: **HYDRAULIC WINCH (Policy item)**

MODELS: Land-Rover '88' and '109' Series II and IIA.

REMARKS: The Land-Rover hydraulic winch is designed and intended to be used for self recovery purposes only. That is it should be used to recover a Land-Rover to which it is attached when the vehicle becomes bogged down or to recover another vehicle or equipment similarly immobile.

If it is desired to use the winch as a hoist, which incidentally is not approved by the Rover Company, owners must be warned that they are liable to comply with various Acts and Regulations as follows:—

Docks regulation 1934, Section 18A and 22A.

Factory acts 1937-59, Section 24, "Cranes and other lifting machines".

Building regulation 1948-58, Part 3, "Raising and lowering".

It becomes therefore, the responsibility of the operator to make himself conversant with the regulations governing the use of the hydraulic winch for hoisting purposes, before the Land-Rover is used in this way.

**Item 97** SUBJECT: **CYLINDER BLOCKS**

MODELS: All.

PART NUMBERS:	Stud kit for cylinder block	....	....	1	535707	Land-Rover 1948-58 1.6 and 2 Litre Petrol.
	Stud kit for cylinder block	....	....	1	535709	Land-Rover 1957-61 2 Litre Diesel and Series IIA 2¼ Litre Diesel. Land-Rover 1958-61 and Series IIA 2¼ Litre Petrol.

REMARKS: With effect from 1st February, 1962, all Land-Rover cylinder blocks will be despatched less the studs, dowels, plugs and washers, which were previously supplied tied to the cylinder block in a linen bag.

For the models listed above the studs and dowels, etc., can be obtained in Kit form under the part numbers shown. However, for earlier models they must be ordered as individual items. To assist Distributors and Dealers to obtain the correct parts for any particular cylinder block a chart is available from the Technical Service Department giving full details of part number and quantity required for each item.

- Item 98 SUBJECT: TRANSMISSION DAMPER FOR GEAR BOX**
- MODELS:** Land-Rover '109' 2½ Litre Diesel.
- MODIFICATION:** Deletion of the gear box transmission damper. This component has been found to be unnecessary with the 2½ Litre engine.
- FINISHING NUMBER:** Gear boxes numbered: Land-Rover '109' Diesel up to 27600880.
- REMARKS:** As the transmission damper is no longer necessary, gear box Part No. 277914 which is less the transmission damper, should be used as a replacement on all Land-Rover Series IIA '109' Diesel Models. The Transmission damper may be removed from earlier models in this range without any detrimental effect, however, when taking this action it will be necessary to remove the fitting bolts from the driving flange and replace them with the shorter fitting bolt, Part Number 217564.
- Investigation into this matter with the 2 Litre Diesel engine used on Series II '109' Diesel models indicates that, with the improved performance which has taken place on this engine since its inception, the transmission damper can be dispensed with. This is particularly so in cases where there has been failure of the rubber in the damper. Again the fitting bolt must be changed when the transmission damper is removed.
- In view of the above, Service Department will supply only gear box Part No. 277914 for replacements on all Series II and IIA models, when stocks of Part No. 275772 gear box with transmission damper are exhausted.
- NOTE.** If the dowels are removed from the driving flange when the transmission damper is discarded, or a flange with dowel holes is used as a replacement on models not fitted with the damper, ensure that the holes in the flange and the brake drum do not correspond, to prevent ingress of water.
- Deletion of the transmission damper also affects gearbox and engine numbering as follows:
- Gearbox numbers in the range 25100001a will now be used for all gearboxes, '88' and '109', Petrol and Diesel.
- Engine numbers in the range 27100001a will now be used for all Diesel engines '88' and '109'.

- Item 99 SUBJECT: FRONT AXLE AND STEERING LEVERS**
- MODELS:** Land-Rover Series IIA.
- MODIFICATION:** Introduction of  $\frac{7}{16}$  in. (12 mm) studs for the steering levers in place of the  $\frac{3}{8}$  in. (9 mm) studs used previously.
- PART NUMBERS:**
- |   |      |    |        |        |  |
|---|------|----|--------|--------|--|
| Front axle assembly, 4.7 ratio  | .... | 1  | 532059 | R.H.D. | } 88 standard                            |
| Front axle assembly, 4.7 ratio  | .... | 1  | 532061 | L.H.D. |  |
| Front axle assembly, 4.7 ratio  | .... | 1  | 532089 | R.H.D. | } 88 reinforced type optional equipment  |
| Front axle assembly, 4.7 ratio  | .... | 1  | 532090 | L.H.D. |  |
| Front axle assembly, 4.7 ratio  | .... | 1  | 532060 | R.H.D. | } 109 standard                           |
| Front axle assembly, 4.7 ratio  | .... | 1  | 532062 | L.H.D. |  |
| Front axle assembly, 4.7 ratio  | .... | 1  | 532091 | R.H.D. | } 109 reinforced type optional equipment |
| Front axle assembly, 4.7 ratio  | .... | 1  | 532092 | L.H.D. |  |
| Housing assembly for swivel pin, R.H.                                   | .... | 1  | 531005 |        |  |
| Housing assembly for swivel pin, L.H.                                   | .... | 1  | 531004 |        |  |
| Special stud, $\frac{7}{16}$ in. (12 mm) for steering lever and bracket | .... | 4  | 531043 |        |  |
| Stud, $\frac{7}{16}$ in. (12 mm) for steering lever                     | .... | 12 | 531003 |        |  |



Swivel pin and steering lever complete, R.H. ....	1	530988	R.H.D.
Swivel pin and steering lever complete, L.H. ....	1	530989	R.H.D.
Swivel pin and steering lever complete, R.H. ....	1	530990	L.H.D.
Swivel pin and steering lever complete, L.H. ....	1	530991	L.H.D.
Swivel pin and bracket complete	2	530992	
Shim .003 in. ....		As reqd.	530984
Shim .005 in. ....	} For swivel pin bearing	As reqd.	530985
Shim .010 in. ....		As reqd.	530986
Shim .030 in. ....		As reqd.	530987
Locker for swivel pin nuts		8	531001
Nut ( $\frac{7}{16}$ in. B.S.F.)....	16	2836	

COMMENCING NUMBERS:

'88' R.H.D. models from 24101876a onwards.  
 '109' R.H.D. models from 25101786a onwards.  
 '109' L.H.D. models from 25400867a onwards.

REMARKS:

The latest type complete axle with  $\frac{7}{16}$  in. (12 mm) studs can be used on any earlier Land-Rover Series II or IIA model. All other parts are not interchangeable, and both early and late types must be serviced.

A swivel pin stud conversion kit Part No. 532329 is available from our Parts Department should it be considered desirable to modify earlier axles with non-pendent ball joints, to the  $\frac{7}{16}$  in. (12 mm) stud type. See Land-Rover News Letter No. 18, Item 92 for further details.

**IMPORTANT.** The spigot length of the new steering levers has been modified so that the use of shims at the bottom position is no longer necessary. Adjustment for resistance to rotation of the steering levers should be carried out by adding or subtracting shims at the top position only.

A smear of suitable sealing compound should be applied to bottom face of the swivel pin housing and to the steering lever before assembly.

This instruction does not apply when fitting the swivel pin stud conversion kit referred to above.