

Bulletin
Number 5043

Issue 1

Date 23.2.49

Sheet 1 of 2 Sheets

MODELS AFFECTED

LAND-ROVER

UNIT AFFECTED

BRAKES

COMPLAINT

FRACTURE OF REAR BRAKE PIPE

SUBJECT

This complaint may be reported as:—

1. Brake failure
- or 2. Fracture of a rear brake pipe at the point where it passes between the shock absorber and rear axle check strap.

CAUSE.

Under normal conditions the flexible check strap is slack; movement of the rear axle may allow the strap to chafe on the brake pipe, ultimately causing a fracture and consequent brake failure.

REMEDY.

Renew the brake pipe and fit a suitable shield between the check strap and brake pipe on each side of the vehicle (see below for details).

ACTION TO BE TAKEN.

Examine all vehicles in your territory immediately and rectify them as found necessary.

Suitable shields (illustrated in position at Fig. 1) are obtainable free of charge from our Spares Department, the part numbers being L.H. 232089 and R.H. 232088.

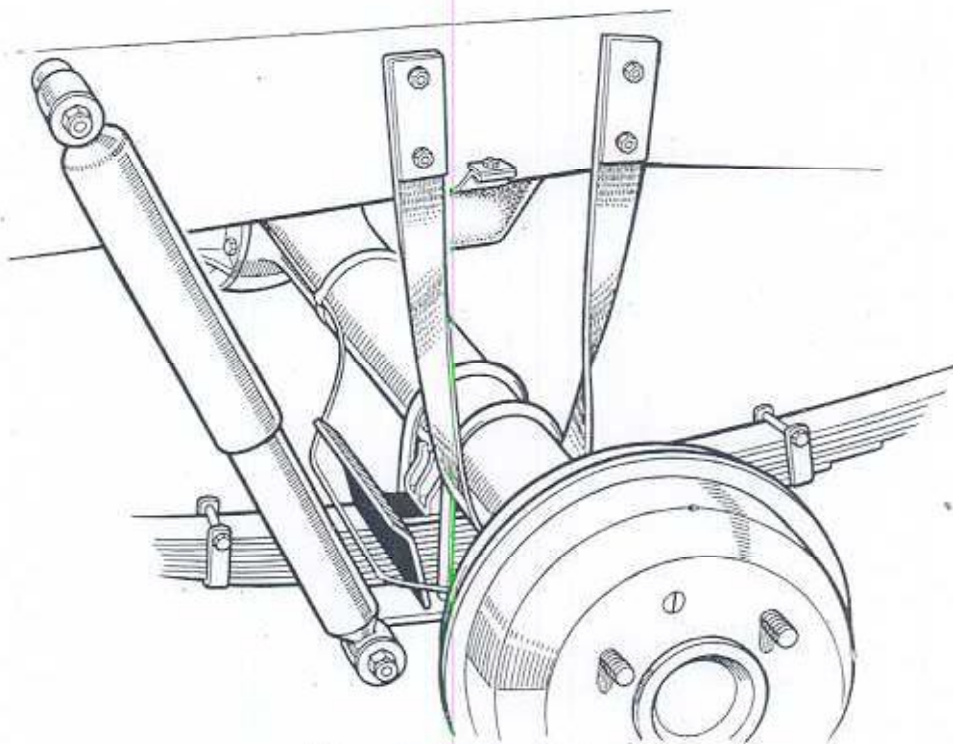


Fig. 1. Shield for rear brake pipe.

This sheet replaces that already in your file which bears the SAME bulletin and sheet numbers, but of a LOWER issue number. The old copy should be removed and destroyed.

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Sheet 2 of 2 Sheets

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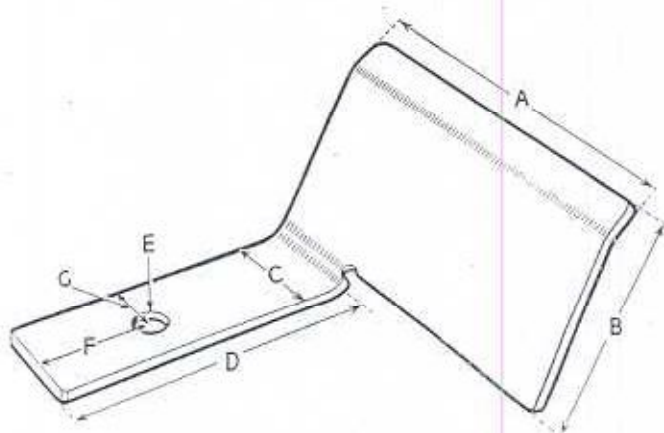
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Alternatively the shields may be made locally from the dimensions given at Fig. 2.



- A — 5 in. (127 mm.)
- B — 3 in. (76 mm.)
- C — 1 $\frac{7}{8}$ in. (44,5 mm.)
- D — 4 $\frac{1}{2}$ in. (104 mm.)
- E — $\frac{1}{2}$ in. (13 mm.) hole.
- F — 2 in. (51 mm.)
- G — $\frac{1}{8}$ in. (22,25 mm.)

Fig. 2. Details of R.H. brake pipe shield.

Each shield should be fitted between the rear axle casing and the road spring, with the hole located on the spring dowel; the protecting flange should be to the front between the check strap and the pipe. Ensure that there is ample clearance between the shield and pipe or preferably secure the pipe as described below.

Vehicles produced in future will be equipped with shields on assembly. In addition, each brake pipe will be secured to the shield by means of a clip Part No. 56666, rubber bush Part No. 06860 and drive screw Part No. 72626.

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