

January 1967

THIS INSTRUCTION MUST BE HANDED TO THE OWNER, WHO SHOULD BE MADE AWARE THAT IT IS ILLEGAL TO DRIVE A MOTOR VEHICLE WITHOUT SAFETY HARNESS FITTED. THIS APPLIES TO NEW VEHICLES SOLD IN THE UNITED KINGDOM ON AND AFTER APRIL 1st, 1967.

SUBJECT: FITTING FRONT SEAT SAFETY HARNESS TO RIGHT- OR LEFT-HAND SIDE ANCHORAGE POINTS ALREADY FITTED.

MODELS: Land-Rover 'Regular', 'Long', Station Wagon and Forward Control.

BRIEF DESCRIPTION

The Irvin safety harness has two main components: a short strap carrying the tongue section of the buckle, and a long combined diagonal shoulder and lap strap on which the mating lug is fitted.

IMPORTANT: This harness has been scientifically designed and tested to meet the requirements of BS 3254 and is the only make of harness officially approved by The Rover Company Limited for their Land-Rovers.

Alterations and additions must NOT be made to this harness.
If in any doubt consult the manufacturers.

The Part number above represents a complete safety harness for one person and can be fitted to either right-hand or left-hand side front seat as applicable.

PARTS

REQUIRED: Front seat safety harness 1 348776

TOOLS

REQUIRED: Spanner sizes: $\frac{7}{16}$ " AF $\frac{11}{16}$ " AF Screwdriver

PROCEDURE:

ENSURE HANDS ARE CLEAN BEFORE HANDLING SEAT STRAPS.

1. Remove the blanking plug from sill bracket, and fit the adjusting buckle 'A' of diagonal strap to bracket with wave washer 'B' and screw 'C', as shown at Fig. 1.

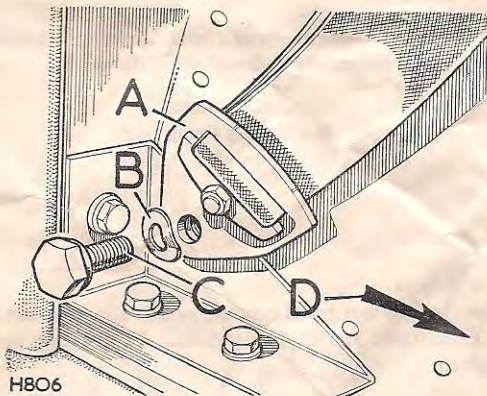


Fig. 1 Showing diagonal strap buckle fitting to sill bracket right-hand illustrated

A—Adjusting buckle C—Screw fixing buckle
B—Wave washer D—To front of vehicle

2. Release the two outer front seat squabs and pull forward giving access to safety harness fixing points.
3. Remove the shackle bolt 'G' from the shackle end 'B' of diagonal shoulder strap 'C' secured with bolt 'A' and locking nut 'D' as illustrated at Fig. 2.

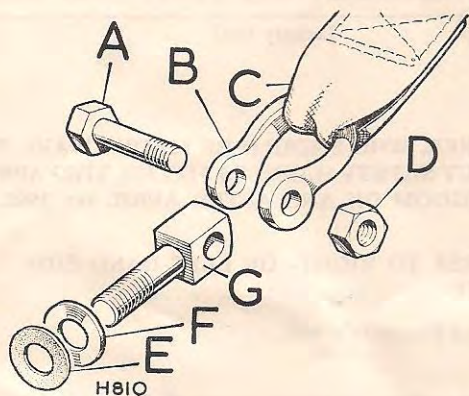


Fig. 2 Shackle end fixings, diagonal and tongue strap ends

- | | |
|-----------|-----------------|
| A—Bolt | E—Rubber washer |
| B—Shackle | F—Plain washer |
| C—Strap | G—Shackle bolt |
| D—Nut | |

4. Screw the shackle bolt into the tapped hole in lower bulkhead panel position using rubber washer and plain washer. Tighten the shackle bolt so that it is located as shown at Fig. 3. The rubber washer allows the shackle bolt to be correctly aligned. Do not over-tighten.
5. Fit the tongue strap shackle to shackle bolt and secure with bolt and nut, as shown in Fig. 3.

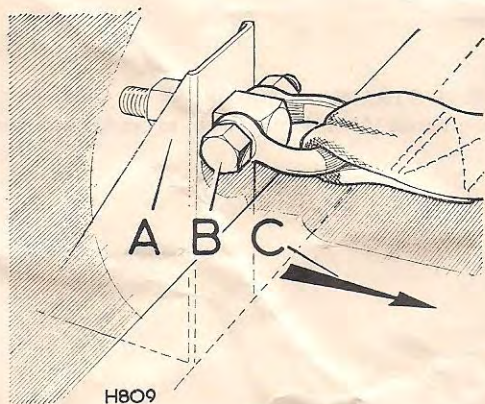


Fig. 3 Tongue strap fixing, lower bulkhead panel, right-hand side illustrated

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|-----------------------|
| A—Gusset bracket |
| B—Shackle fixing bolt |
| C—To front of vehicle |

Early models—Diagonal strap fixing. Item 6. Except Station Wagon.

6. Screw the shackle bolt into the tapped hole in shoulder bracket, rear of seat panel capping using rubber washer and plain washer. Tighten the shackle bolt so that it is located as illustrated at Fig. 4 in full line. The rubber washer allows the shackle bolt to be correctly aligned. Do not over-tighten.

Late models—Diagonal strap fixing. Item 7. Except Station Wagon.

7. Screw the shackle bolt into the tapped hole in top capping of seat panel, using rubber washer and plain washer. Tighten the shackle bolt, so that it is located as shown at Fig. 4 in dotted line. The rubber washer allows the shackle bolt to be correctly aligned. Do not over-tighten.

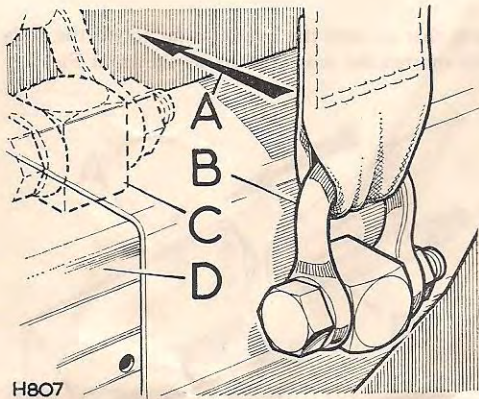


Fig. 4 Diagonal strap fixing, upper bulkhead panel. Except Station Wagon, right-hand side illustrated

- A—To front of vehicle
- B—Shackle position (Early models, in full line)
- C—Shackle position (Late models, in dotted line)
- D—Seat panel capping

Station Wagon—Diagonal strap fixing. Item 8

8. Screw the shackle bolt into the tapped hole in mounting bracket 'B' top of 'BC' post, using rubber washer and plain washer. Tighten the shackle bolt, so that it is located as illustrated at Fig. 5. The rubber washer allows the shackle bolt to be correctly aligned. Do not over-tighten.

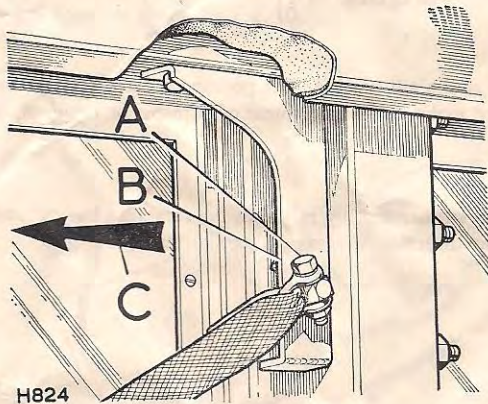


Fig. 5 Diagonal strap fixing 'BC' post. Station Wagon

- A—Shackle fixing bolt
- B—Mounting bracket
- C—To front of vehicle

9. With the occupant seated in the front seat, the diagonal shoulder strap should pass over the outboard shoulder, as shown at Fig. 6. Right-hand position illustrated.

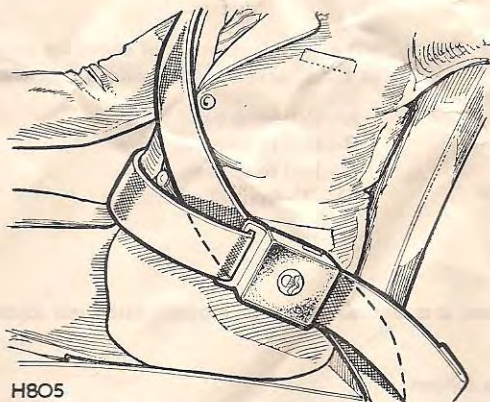


Fig. 6 Showing safety harness in correct position, right-hand position illustrated

10. Adjust the position of tongue strap buckle to the position shown, that is, with the buckle as far round the body as possible without actually fouling the seat, by pulling strap 'B' to shorten the tongue strap, as shown at Fig. 7.

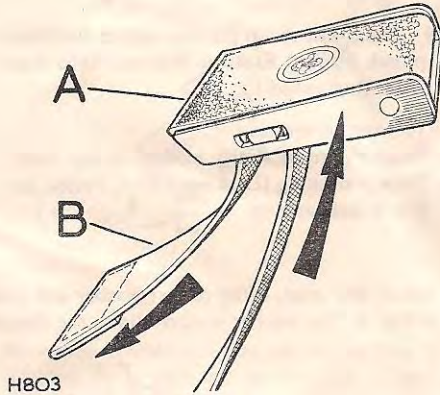


Fig. 7 Showing adjustment of tongue strap

- A—Quick-release buckle. Hold buckle at right-angles to strap and pull in direction of arrow to lengthen
 B—Tongue strap. Pull strap in direction of arrow to tighten

11. Before carrying out the initial adjustment of the diagonal strap at the sill bracket, seat position must be correct for occupant. Try the lap belt round the body for buckle position and make visual assessment of adjustment required, in accordance with instructions at item 10 and Fig. 6.
12. Then adjust the diagonal strap at the adjustment buckle fitted to sill bracket, by relieving the retaining bar 'A' and pulling strap in the direction of arrow 'B' to lengthen, and in the direction of arrow 'C' to shorten. See Fig. 8.

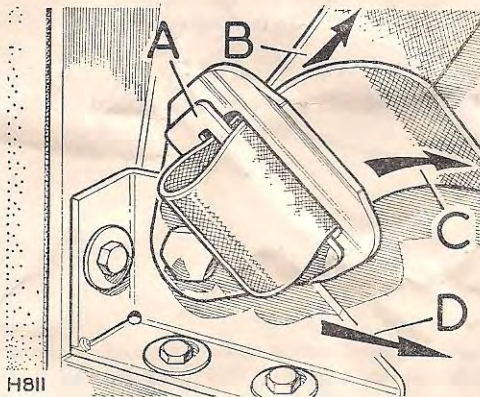


Fig. 8 Showing adjustment of shoulder strap buckle at sill bracket, right-hand illustrated

- A—Retaining bar
 B—Pull to lengthen strap
 C—Pull to shorten strap
 D—To front of vehicle

Day-to-day use of safety harness

To attain the maximum designed protection from the safety harness, it is essential that it be properly fitted and adjusted.

13. With occupant in the front seat, fasten the safety harness as follows:
 Insert diagonal strap lug 'B' into tongue strap buckle 'A' to secure the safety harness. See Fig. 9. Pull strap 'B' to tighten. See Fig. 7.

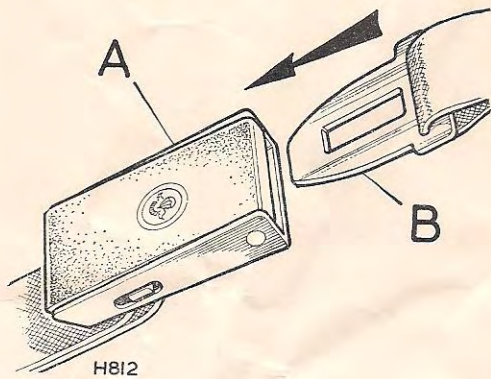


Fig. 9 Showing safety harness connections

A—Quick-release buckle
B—Diagonal strap lug

14. To undo the buckle and leave the seat, simply lift the front of buckle at 'A'. The two sections of harness will instantly fall apart, as shown in Fig. 10.

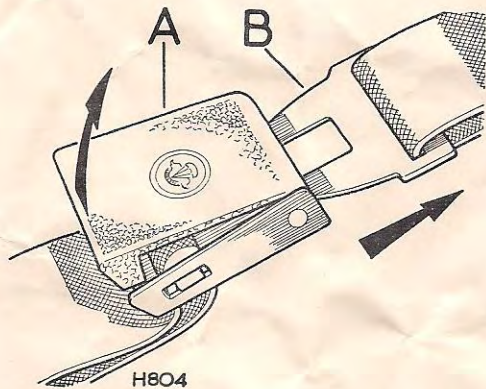


Fig. 10 Releasing safety harness buckle

A—Quick-release buckle. Lift in direction of arrow to release
B—Lug of diagonal strap

15. When the safety harness is not in use, the lug of diagonal strap should be stowed on 'BC' post stowage hook.