BRITISH LEYLAND

# TECHNICAL INFORMATION

SERVICE DIVISION

REMOVAL AND REPLACEMENT OF

DOOR LOCK MECHANISM

Before attempting to remove any part of the door lock mechanism because of faulty operation, check that the condition is not caused by any faults such as:-

Incorrect remote control rod adjustment.
Lock face distortion - door edge pressing convex - distorting back-plate of lock.
Over-tightening causing distortion
Looseness causing mis-alignment
Mis-alignment outside door handle to lock
Striker plate maladjusted.

Attention is drawn to the instructions which describe remote control alignment, connecting rod adjustment and striker adjustment.

The mechanism cannot be set in the locked position while the door is open.

For data on Four-door Models - refer to Technical Information Bulletin 1C 32.

1. Removal of door fittings:

For removal of door fittings see appropriate Workshop Manual.

2. Removal of Lock Mechanism:

(a) Detaching remote control rods. - Release retaining clips and pull adjustable ends of release rod 'A' and lock control rod 'B' out of the bushes.

(b) Remote Control - Unclip control rods, pull plastic guides from inner door panel. Remove the four screws 'C' with their respective plain and shakeproof washers. Remove control with control rods still attached. Rod 'B' is pulled out of top of locking lever and rod 'A' pulled down out of plastic connector 'D'.

(c) Detaching key operated lock bush from push button unit - Remove circlip 'E' which retains top of link to dowel on push button operating arm.

(d) Removing lock unit - Remove the three retaining screws 'F'.

(e) Removing lock push button unit - Remove large spring clip 'G' inside door. Withdraw unit from outside.

(f) Striker Plate - This is secured to an adjustable tapping plate inside the door pillar by three screws 'H'.

(g) Outside handle - The handle has no connection with lock operation and need not be removed except to fit a replacement. It is secured with two screws, shakeproof and plain washers, accessible through the large aperture in the inner door panel.

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3. Fitting Lock Mechanism:

(a) Locking push button unit - Ensure fibre washer is located under head, insert unit in specially shaped aperture in door panel with its lock operating arm inclined away from shut face and fit large spring clip 'C' from underneath.

(b) Lock Unit - Ensure key operated lock link is fitted in locking lever 'J' through the centre of the three holes provided and retained by a starlock washer. A plastic bush and spring clip is inserted in release lever 'K' towards outer door panel with spring clip sandwiched. The one in locking slide 'L' is fitted towards inner door panel. Position lock with links through slots provided in door shut face. Fit and tighten the three retaining screws 'F'.

(c) Attaching Key-operated lock link to push button unit - Locate top of link on push button operating arm dowel and secure with circlip 'E'.

(d) Connecting Control Rods to remote control unit - Press end of rod 'A' upwards into plastic block 'D' attached to the remote control. Rod 'B' is pressed into the bush in lever 'M'.

(e) Remote Control - Locate control rods in plastic guides and pass end of both rods inside the door through large aperture in the inner door panel. Attach remote control to inner door panel with four screws 'C' plain washers and shake-proof washers. Note - the two rear-most screws should be fitted first.

(f) Setting Lock in Closed Position - Check lock release and locking operation with mechanism in fully locked position. A loose striker or screwdriver shaft of suitable diameter can be used to load the lock.

4. Adjusting and Connecting Lock Release rod to Lock Unit -

Move release lever 'K' towards the lock up against its stop 'N' then adjust the screwed end pivot on release rod until it can be fitted freely into the bush in release lever (from the front) and close the retaining clip.

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5. Adjusting and Connecting Lock Control Rod to Lock Unit -

Set locking lever 'K' and locking slide 'L' forwards into the unlocked position (i.e. away from the lock). Adjust screwed end pivot on control rod until it fits freely into bush in locking slide 'L' (from the back) and clip in position. With the lock in the closed position operation of locking lever and key can be checked.

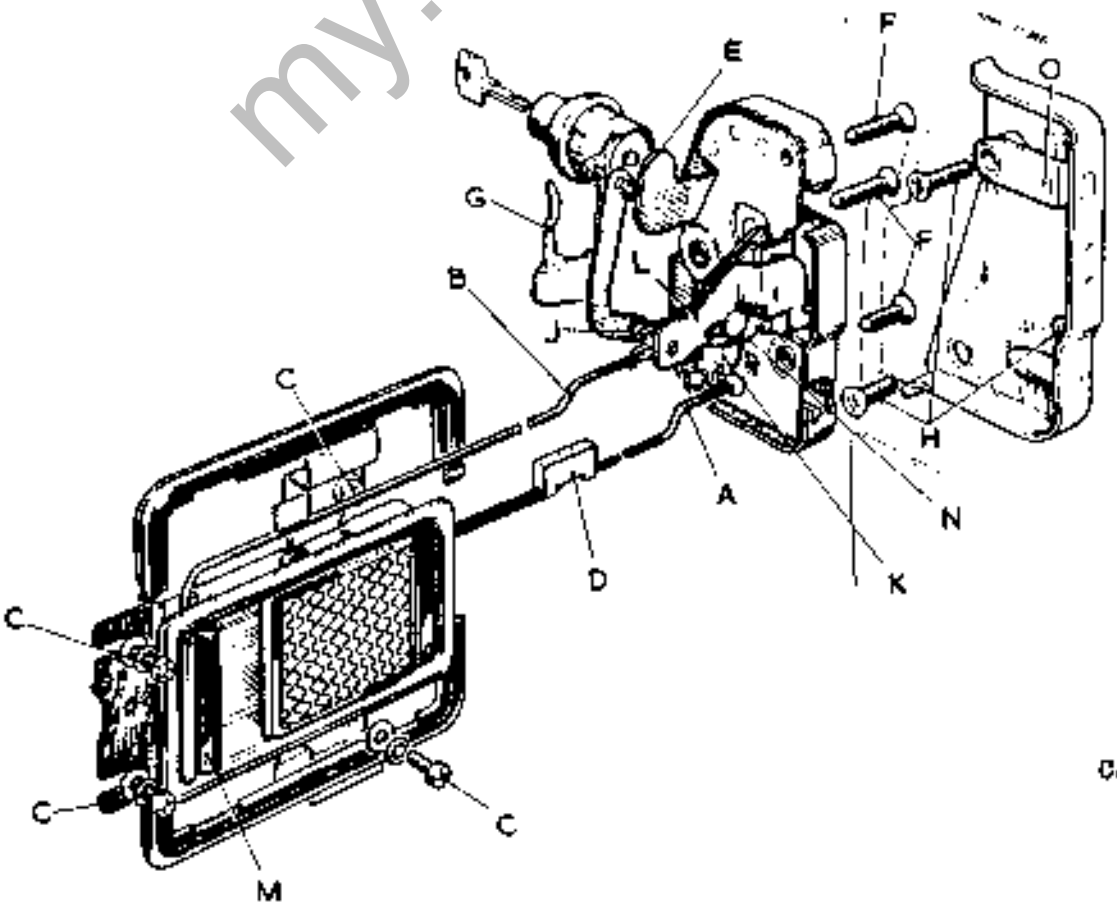
6. Fitting and Adjusting Striker -

Attach striker and appropriate shims loosely with the three screws 'H' to adjustable tapping plate in door pillar. Shims are available in thicknesses .03 ins. (0.8 mm) and .06 ins. (1.6 mm) which ensure that a clearance of 1/32 in. ( .8 mm) to 1/16 in. is maintained between striker and lock faces when door is closed and adequate clearance provided behind latch cam to accommodate anti-burst strap 'O'. Position by trial and error until door can be closed easily without rattling and no lifting or dropping of door is apparent. Ensure that securing screws are finally tightened.

7. Lubrication :

Before fitting door liner ensure that any moving parts are adequately greased. After assembly, introduce a few drops of thin machine oil into the outside key slots and on to the cam inside the lock case. <u>These should be lubricated once a month.</u>

IMPORTANT: The provate lock cylinders must not under any circumstances be lubricated with grease or graphite.

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