

## 25 Gear Selection

25 11 000	Removing and fitting selector lever . . . . .	Page 25 - 11/1
011	Renewing rubber rings in selector lever . . . . .	11/2
041	Renewing ball cups for selector lever . . . . .	11/2
081	Renewing gaiter for selector lever. . . . .	11/3
200	Removing and fitting bracket with stay for selector lever mounting . . . . .	11/3
25 16 050	Removing and fitting selector lever — with bearing block . . .	16/1
061	Renewing handle for selector lever . . . . .	16/3
211	Renewing pivot bush for selector rod . . . . .	16/5
581	Renewing bearing bush for selector lever . . . . .	16/6

## 25 11 000 Removing and fitting gear lever

Version with cylindrical pin:

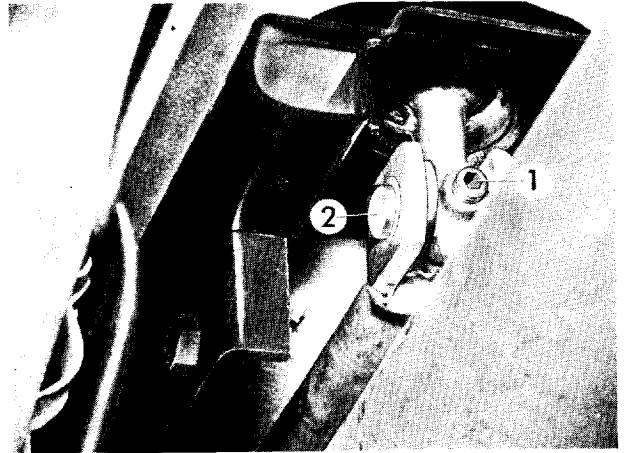
Unscrew threaded pin (1) for clamping cylindrical pin (2) from lower section of selector lever.

Unscrew cylindrical pin (2).

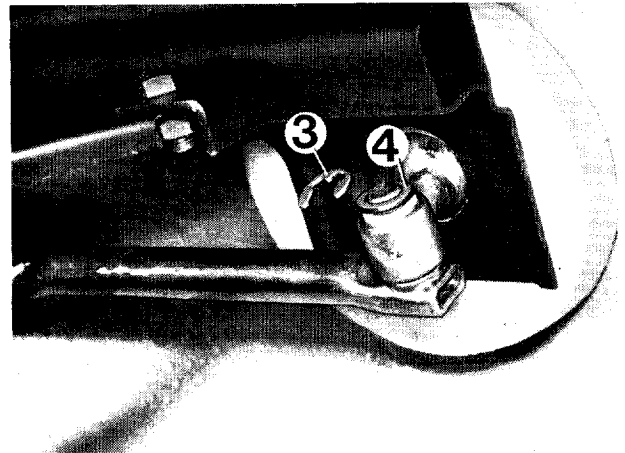
**Fitting instruction:** Insert cylindrical pin so that the recess faces the threaded pin.

Grease cylindrical pin with Longterm 2.

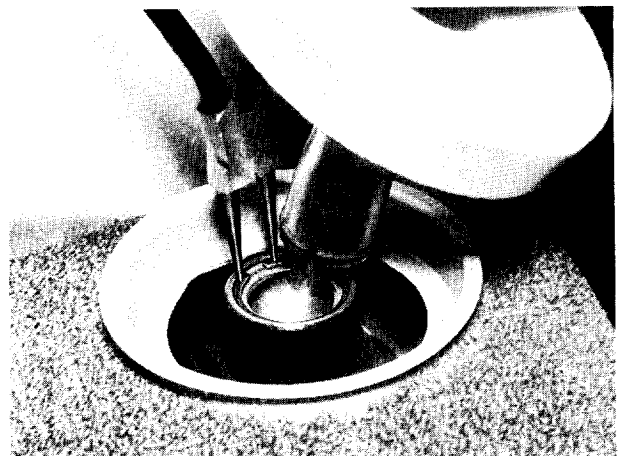
Check plain bushes for wear and renew if necessary. ■



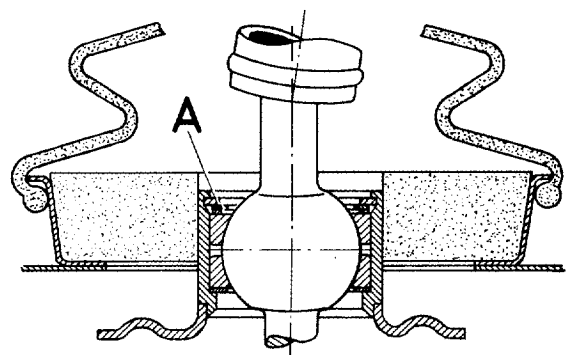
Remove the circlip (3) and take off the washer.  
Pull out the selector rod. ■

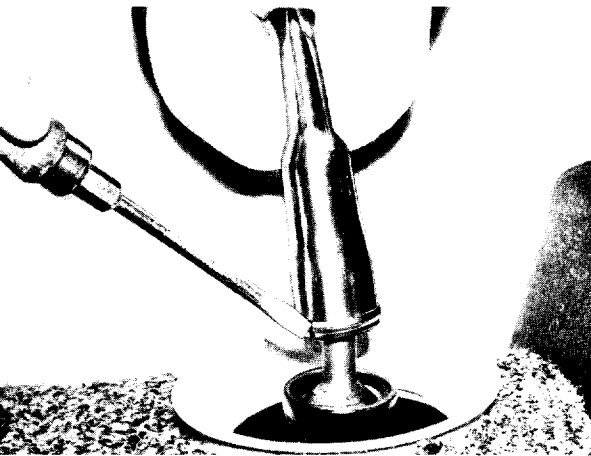


Push gaiter and filling piece upwards.  
Lift out circlip.  
Take out selector lever. ■



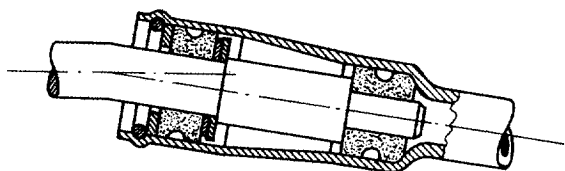
**Fitting instruction:** The thickness of shim (A) must be chosen so that the selector lever can be moved easily without play. ■



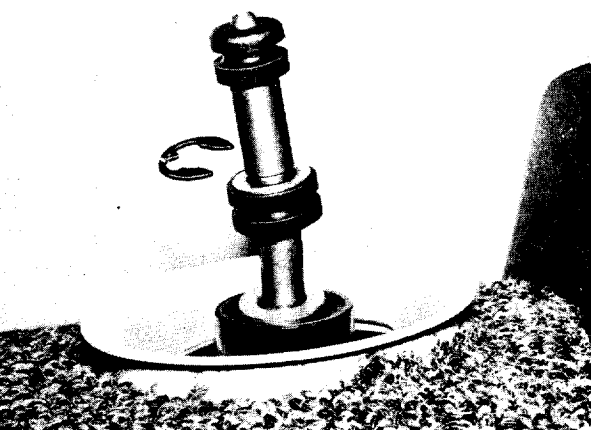


## 25 11 011 Renewing rubber rings in gear lever

Push gaiter upwards.  
Lift out wire snap ring.

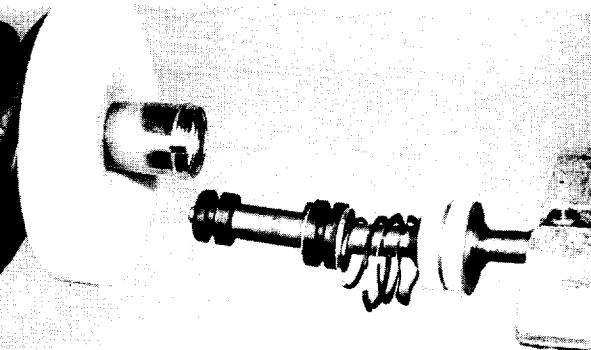


Pull gear lever away from lower section.



Remove circlip.  
Take off rubber rings.

**Fitting instruction:** Upper rubber ring with curvature facing upwards.



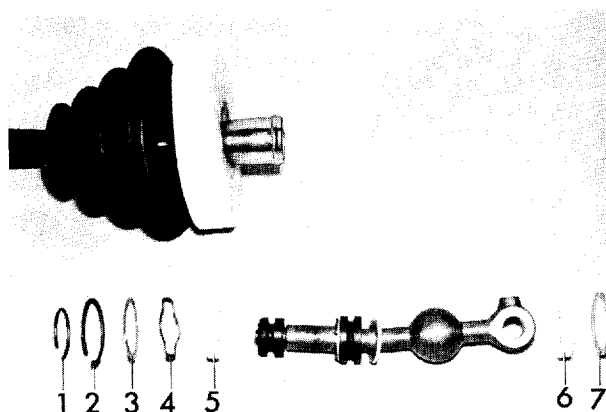
## 25 11 041 Renewing ball cups for gear lever

Remove gear lever – 15 11 000.  
Lift out wire snap ring.  
Pull gear lever away from lower section.



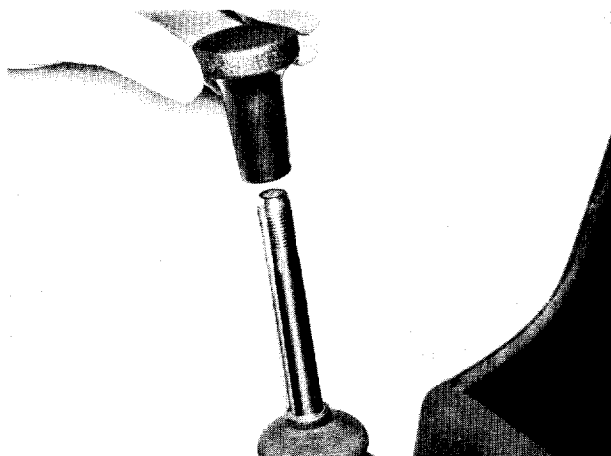
Remove wire snap ring (1), circlip (2), shim (3), corrugated washer (4) and ball cup (6) downwards.

**Fitting instruction:** Grease ball cups with Longterm 2.

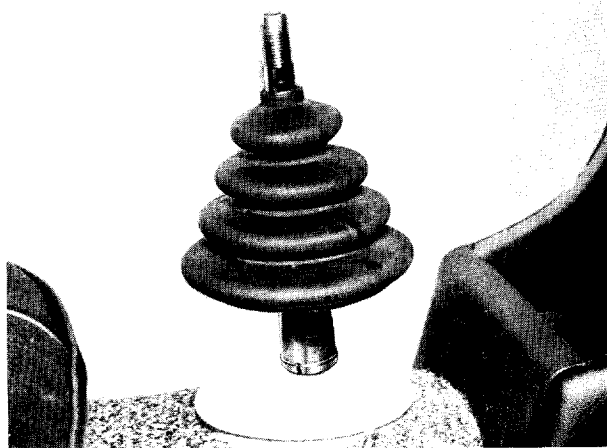


## 25 11 081 Renewing gaiter for selector lever

Unscrew selector lever button.



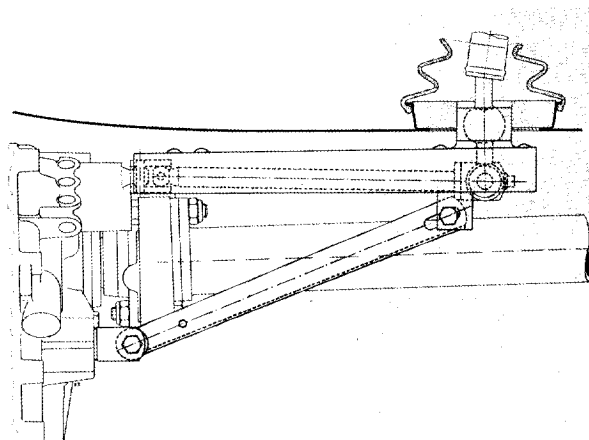
Take off gaiter.

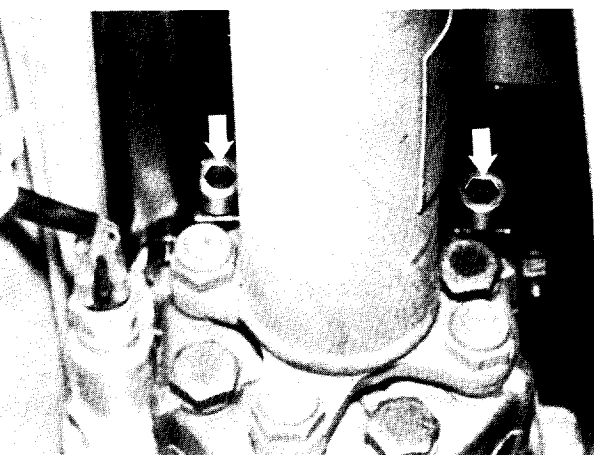


## 25 11 200 Removing and fitting bracket with stay for selector lever mounting

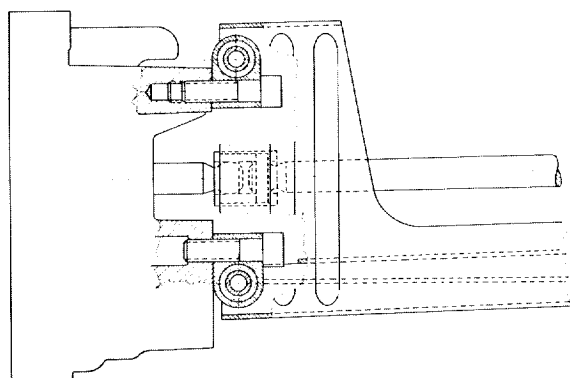
Remove stay with silent bloc.

**Fitting instruction:** Check silent bloc for wear and renew if necessary.





Unscrew socket head cup screws for bracket mounting.  
Take out bracket.



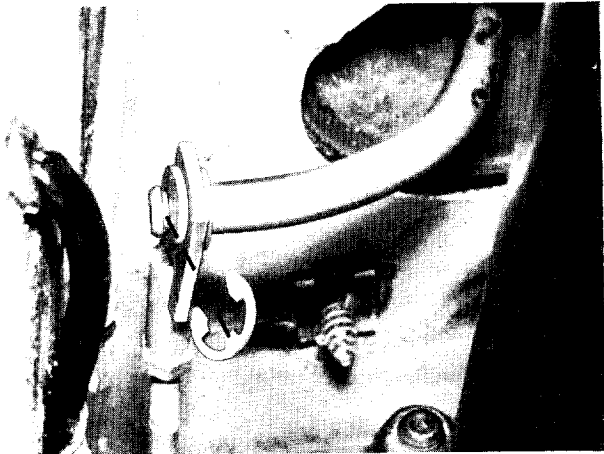
**Fitting instruction:** Check bracket silent bloc for wear and renew if necessary.

Screw bracket and stay together (slot) in such a way that the bracket cannot knock against the tunnel.

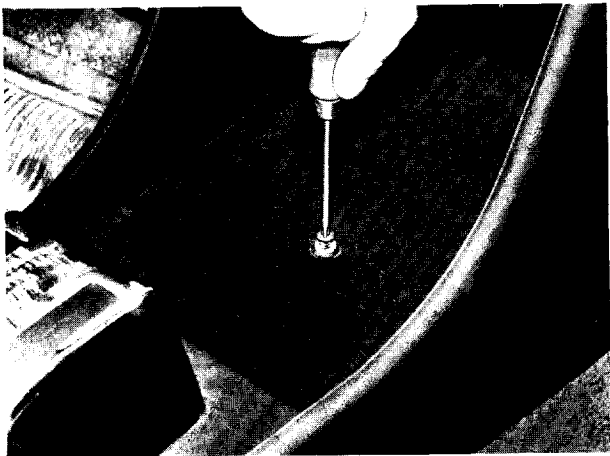


25 16 050 Removing and fitting selector lever  
with bearing block

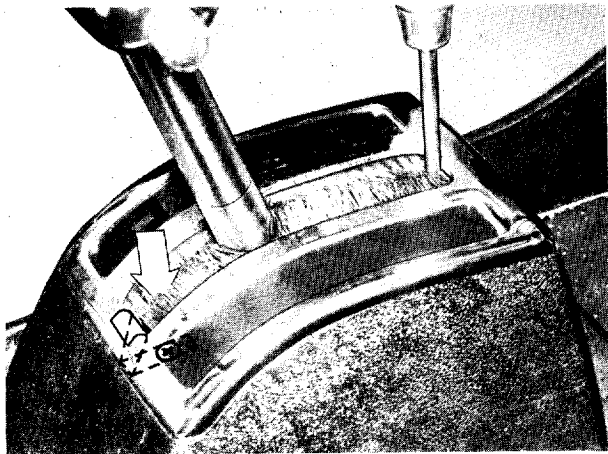
Remove locking washer.  
Detach selector rod.



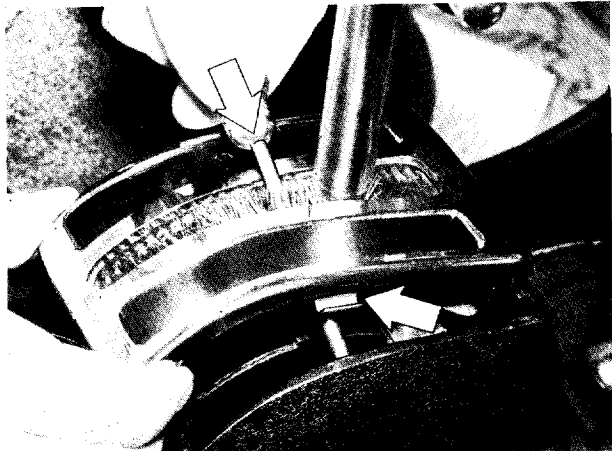
Remove securing screw for storage  
compartment floor.  
Take out storage compartment floor.

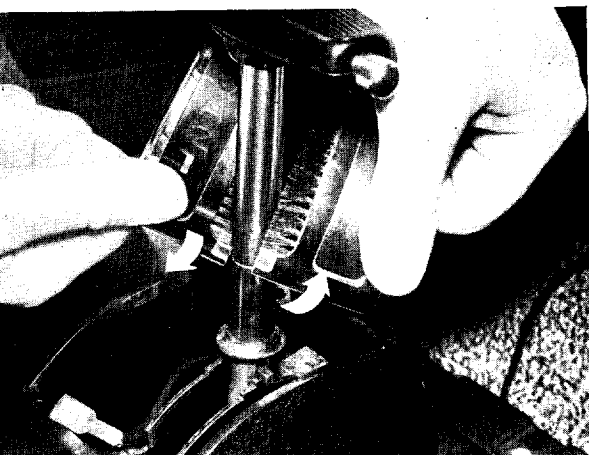


Unscrew embellisher for selector lever.



Lift out embellisher for selector lever.

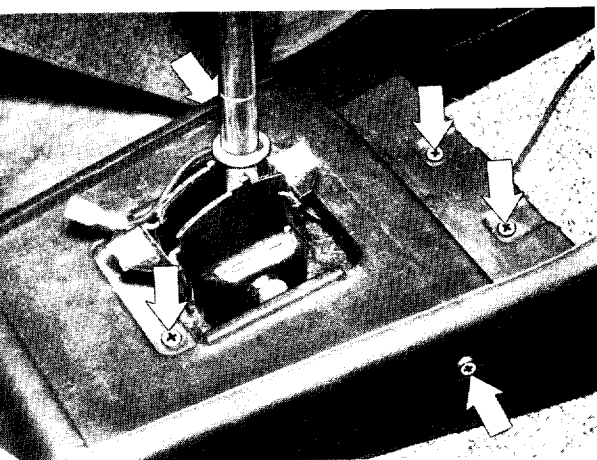




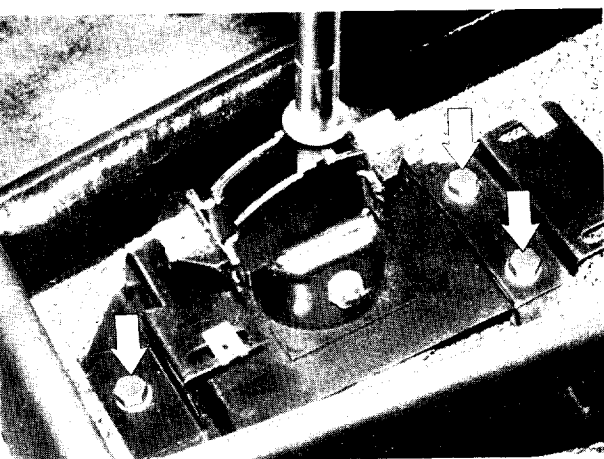
Detach cable for selector lever indicator light.

Remove embellisher for selector lever.

Remove cover for selector lever.

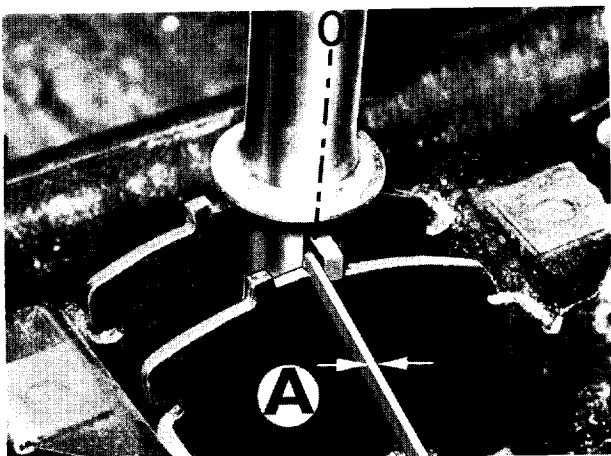


Remove cover embellisher.



Loosen bearing block.

Remove selector lever with bearing block.



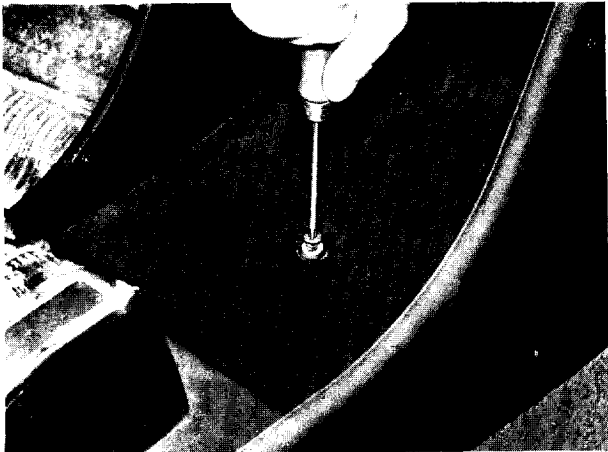
**Fitting instruction:** When securing bearing block note play between stop lug and stop at position O. Play = A 1 mm (0.039").

In the case of the play not being observed, adjust selector rod 24 00 004.

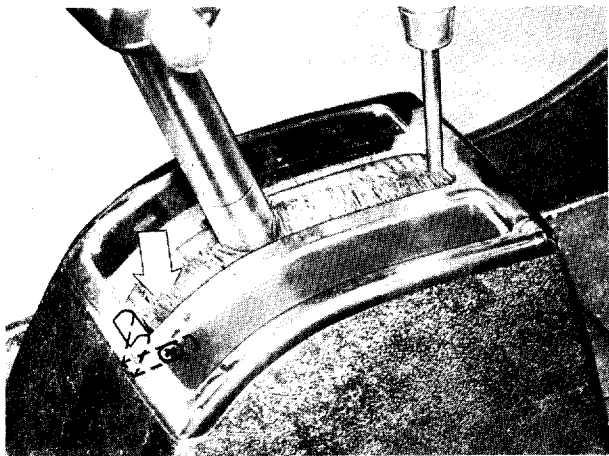


25 16 061 Renewing handle for selector lever

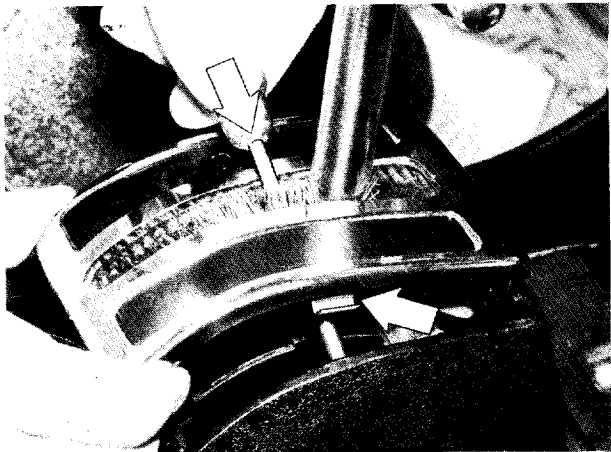
Remove securing screw for storage compartment floor.



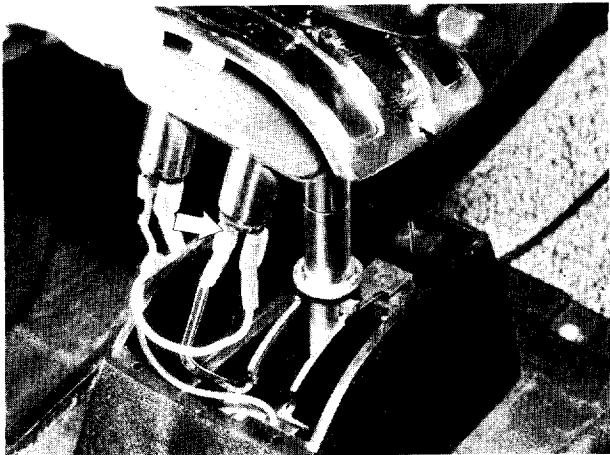
Unscrew embellisher for selector lever.



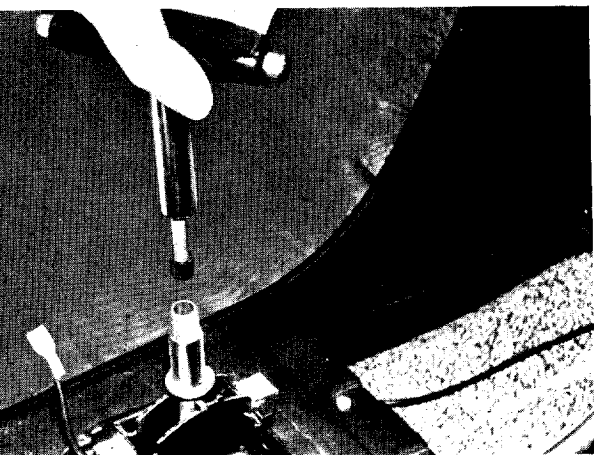
Lift out embellisher for selector lever.



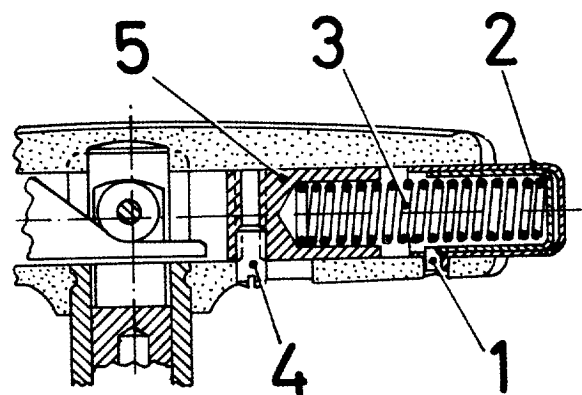
Detach cable for selector lever indicator light.  
Remove embellisher for selector lever.  
Remove cover for selector lever.







Unscrew selector lever handle.



Strip selector lever handle.

Remove dummy button.

Push in spring plate (1).

Take out dummy button (2). Care:

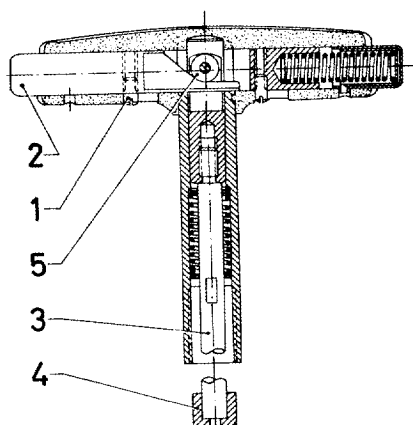
Spring tension.

Take out spring (3).

Unscrew shaft screw (4) for spring retainer.

Take out spring retainer (5).

**Fitting instruction:** The push button can also be fitted on the right-hand side for right-hand drive vehicles.



Remove push button.

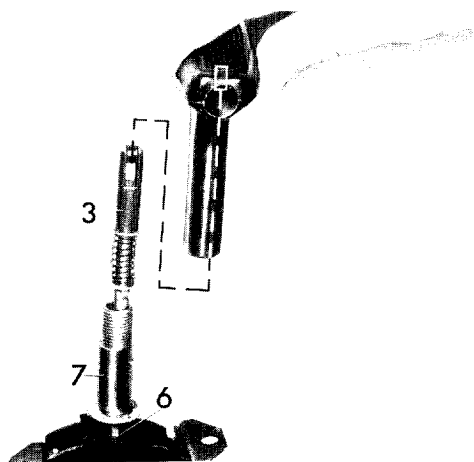
Unscrew shaft screw (1) for push button.

Take out push button (2).

Pull out selector rod (3).

**Fitting instruction:** Check bearing bush (4) for selector lever rod and renew if necessary.

Roller (5) on selector lever rod must turn freely, if necessary grease with Longterm 2.



**Fitting instruction:** Check stop lug (6) for wear and renew if necessary.

Adjust selector lever.

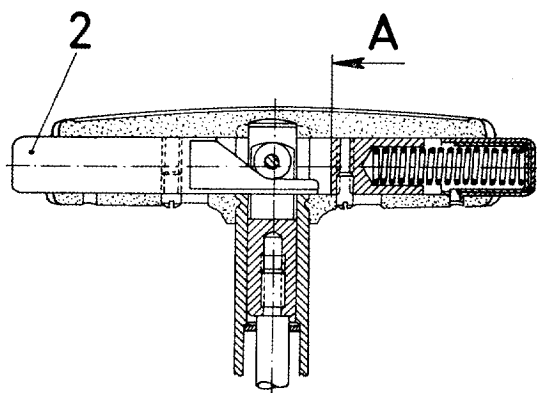
Screw nut (7) downwards with hook spanner.

Push stop lug (6) upwards and screw on selector lever rod (3) so that the roller is at 90° to the direction of travel.

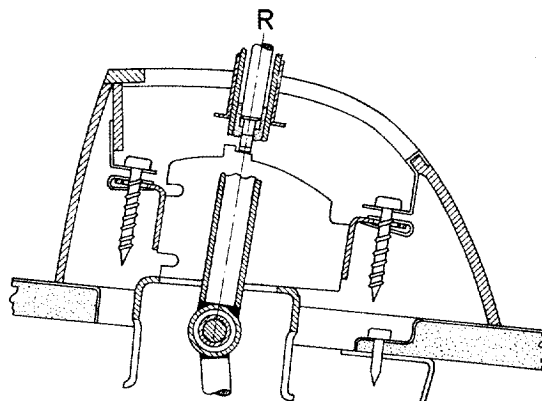
**Note:** Only screw selector lever rod lightly against the stop lug so that the bearing bush is not damaged.



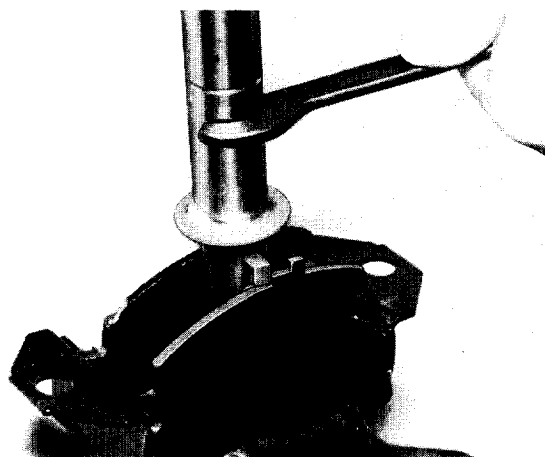
Screw on selector lever handle without push button (2) (dummy button fitted).  
 Insert push button (2).  
 Press push button (2) up to pressure point - travel to point (A).



Alter the height of the selector lever handle (without push button) so that, with the push button inserted in the pressure point position, the stop lug at selector lever position (R) rests without play or pressure on the selector gate.

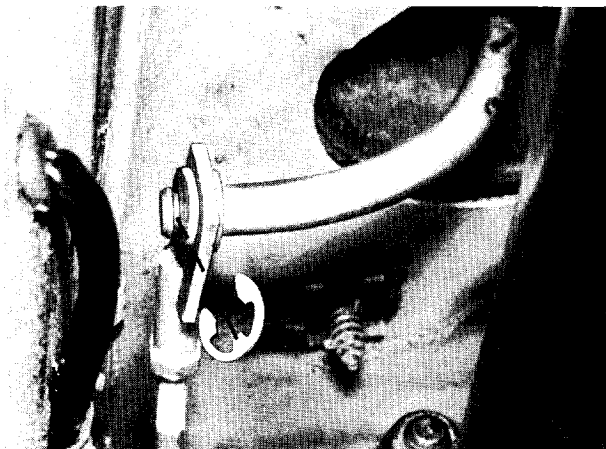


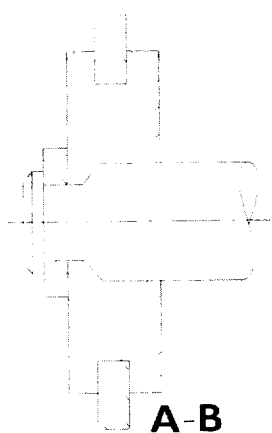
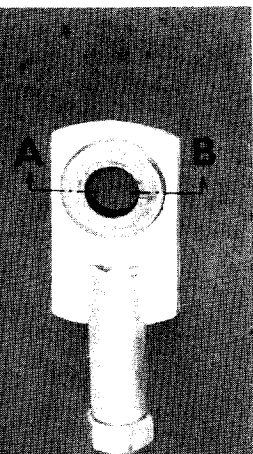
After completing adjustment, tighten nut against selector lever handle with hook spanner.  
 Screw shaft screw into push button.



## 25 16 211 Renewing hinge bush for selector rod

Remove locking washer.  
 Push off selector rod eye.  
 Press hinge bush out of selector rod eye.

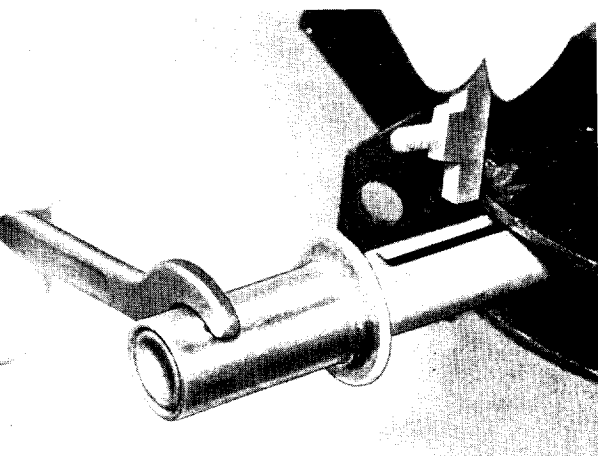




**Fitting instruction:** Note fitted position of hinge bush.

The lug situated in the inner diameter of the hinge bush must face towards the end of the selector lever.

Grease hinge bush with Longterm 2.



### 25 16 581 Renewing bearing bushes for selector lever

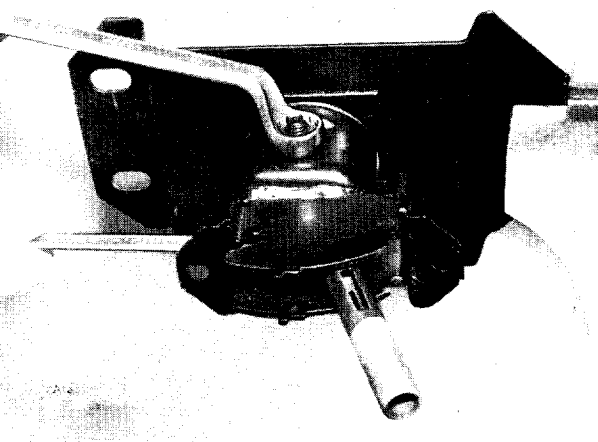
— Selector lever with bearing block removed —

Unscrew selector lever handle.

Screw nut downwards with hook spanner from selector lever.

Take out stop lug.

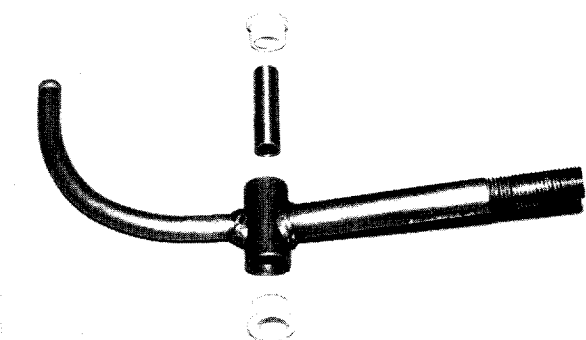
**Fitting instruction:** Adjust selector lever 25 16 061



Remove self-locking nut from bolt for selector lever mounting.

Pull out bolt.

**Fitting instruction:** Tighten self-locking nut with a torque of 1.5 1.9 mkp (10.8 - 13.7 ft/lb).



Take selector lever out of bearing block.

Remove spacer tube.

Press out bearing bushes.

**Fitting instruction:** Lubricate bearing bushes with Longterm 2.

