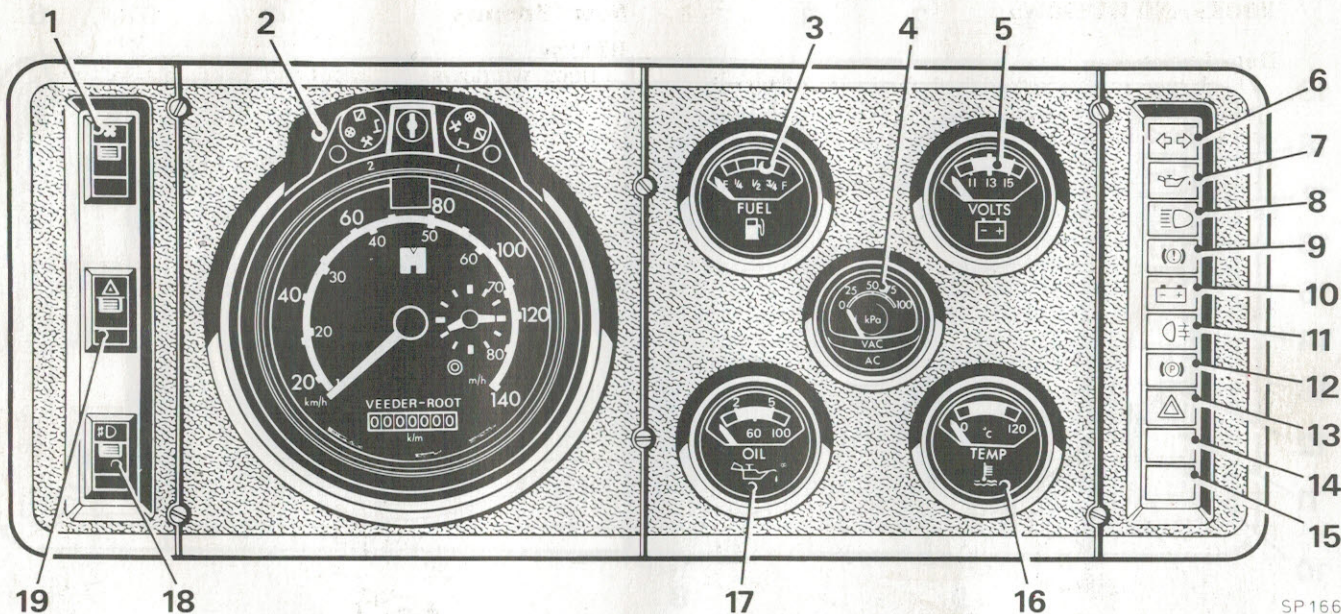


SP 165

1. Voltmeter (option)
2. Vacuum or air gauge
3. Fuel gauge
4. Tachograph or speedometer
5. Blower switch
6. Hazard warning switch
7. Rear fog lamp switch
8. Temperature gauge
9. Oil pressure gauge (option)
10. Blank

11. Blank
12. Hazard warning
13. Parking brake & low air/vacuum
14. Rear fog light
15. No charge warning
16. Brake fluid level warning
17. Headlamp main beam
18. Oil pressure warning
19. Direction indicators

R.H.D. MODELS



1. Blower switch
2. Tachograph or speedometer
3. Fuel gauge
4. Vacuum or air gauge
5. Voltmeter (option)
6. Direction indicators
7. Oil pressure warning
8. Headlamp main beam
9. Brake fluid level warning
10. No charge warning

11. Rear fog light
12. Parking brake & low air/vacuum
13. Hazard warning
14. Blank
15. Blank
16. Temperature gauge
17. Oil pressure gauge (option)
18. Rear fog lamp switch
19. Hazard warning switch

L.H.D. MODELS

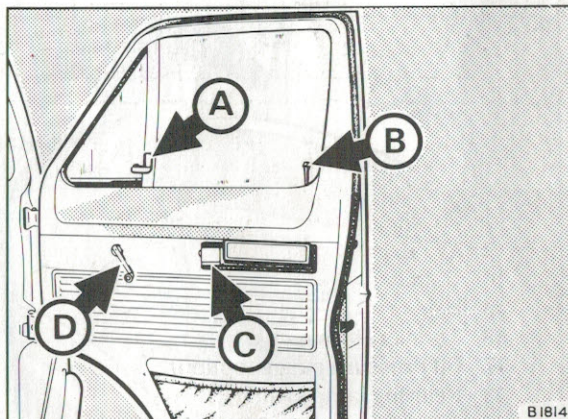
SP 166

DOORS AND WINDOWS

Door Locks

Each door can be locked from the inside of the cab by depressing the locking catch 'B'. Alternatively both doors can be locked from the outside by means of the key.

Pulling the recessed door handle 'C' will automatically release the door lock.



Door Windows

Window

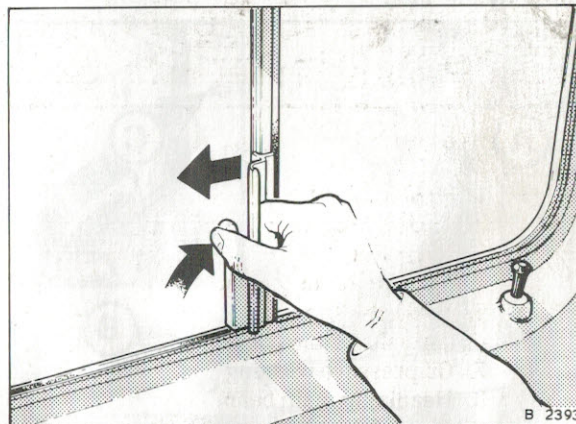
Door windows are regulated by means of the window regulator handles 'D'

Quarter Light

To open the quarter light, lift the catch 'A' and rotate upwards.

Sliding Windows (high capacity van)

Depress the locking lever and slide the window forward. When closed ensure that the locking mechanism engages.



Van Rear Doors

An additional key is provided for locking the rear doors. The lock will not operate unless the outside handle has been returned to the secure position.

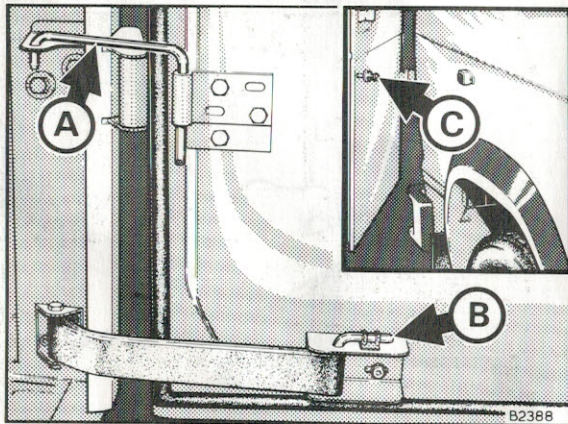
To retain the doors in the open position, locate the door stay (A) in the eye which is mounted on the door pillar.

The doors can be folded fully back against the sides of the van body after the door strap anchor pins (B) have been removed. Ensure that the catch pin (C) locates firmly in its retainer on the side of the van.

Do not drive the vehicle with the doors in this position. Reconnect the check straps before closing doors.

Cab Door Stays

Each door is fitted with a two stage door opening check catch operating at approximately 30° and 70° to the body side line.



SEATS

Fore and Aft Adjustment

To move the seat either backwards or forwards operate the lever (C) sideways and push the seat to the desired position.

Passenger seat(s) are not adjustable.

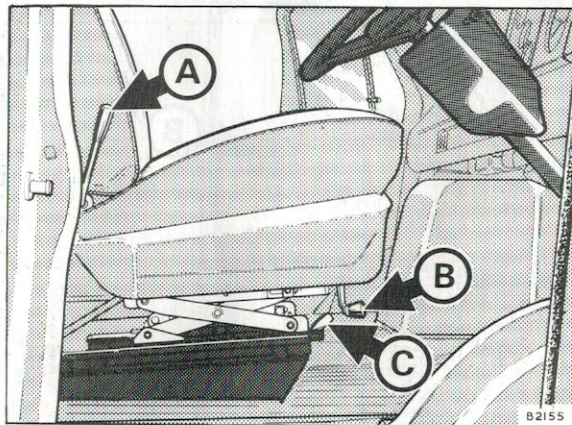
Height Adjustment - Fully Adjustable Drivers' Seat

To raise or lower the seat rotate the handle (B) located at the front of the seat frame.

Back Rest (Rake Adjustment)

The angle of the back support can be adjusted by operating the lever (A) at the side of the squab.

Dual passenger seats are not adjustable for this movement.



ENGINE ACCESS

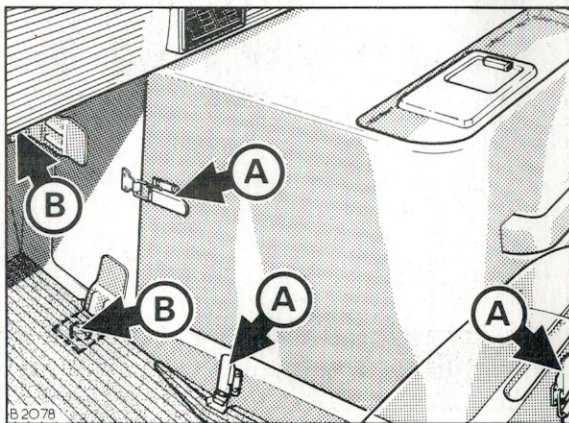
From above

All service operations carried out from within the cab will necessitate removal of the engine cover.

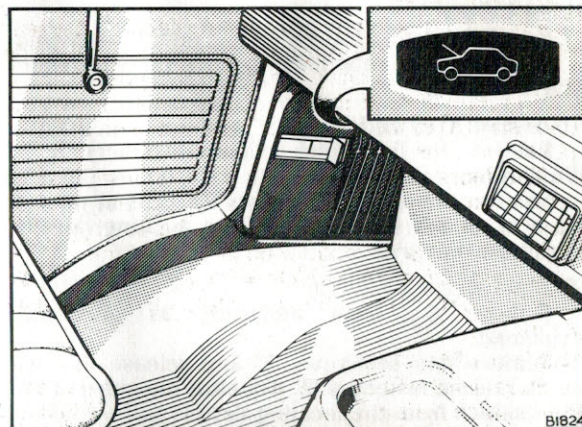
When removing, release the toggle catches (A) securing the rear engine cover to the floor and front cover.

Additional access to the engine from the cab can be gained by removing the four set screws (B) securing the front cover.

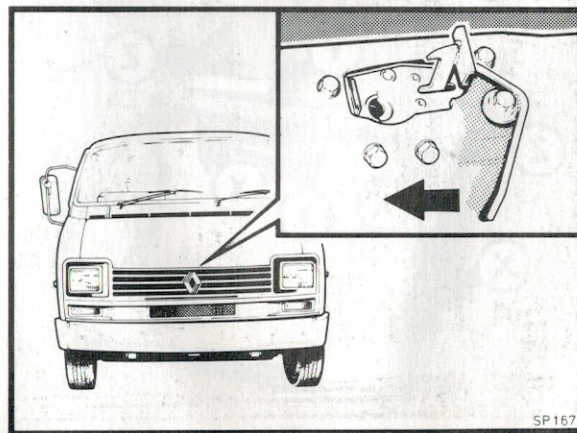
For access to the front of the engine, pull the remote bonnet release beneath the passenger fascia, press the bonnet catch lever, lift the bonnet and retain it by its stay.



6 cylinder and T/C engine cover



Bonnet release



Safety catch

From below

Sound insulation trays are fitted under the engine.

Undertrays are retained by quick release fasteners and set screws.

To remove front undertray

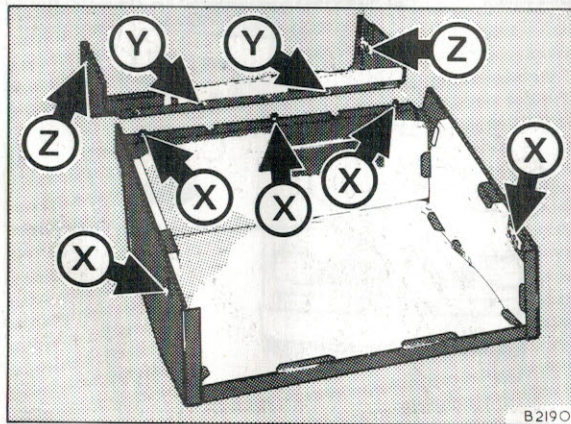
Release the five quick release fasteners 'X' in illustration.

Squeeze the sides of the tray inwards at the top front to detach the tray from the locating dowels. Withdraw the tray.

To remove rear undertray

Remove the front undertray as previously explained.

Remove two setscrews 'Y' and release the two quick release fasteners 'Z'. Squeeze the sides of the tray, detach from the locating dowels and withdraw the tray.



Rear undertray

SOUND INSULATION

Legislation

Sound insulation is fitted to your vehicle to ensure that its noise level remains within the legal limits.

Under no circumstances should the vehicle be operated without these panels.

Remember that badly contaminated insulation is a fire risk.

SAFETY BELTS

Inertia Reel Type (Driver and Single Seat Passenger)

To Fasten the Belt

Pull on the belt tongue at the upper attachment and position the belt, over the shoulder and hip, across the body. Push the belt tongue into the buckle stalk that is near the wearer until a positive click is heard, locking the tongue in position.

To Release the Belt

Depress the catch marked 'PRESS' on the buckle stalk and the belt will automatically be released and rewind itself into the reel.

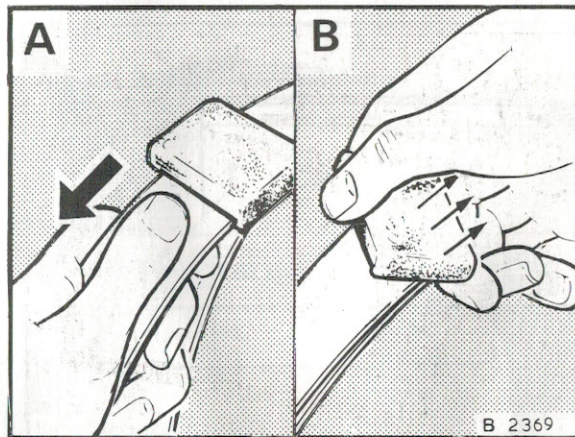
Lap Type (Centre Passenger)

When a dual passenger seat is fitted the tongue portion of the lap type belt provided for the centre passenger will be found lying on the seat. The buckle stalk for this belt is located next to the seat.

To fasten or release the belt proceed as described for the inertia reel type.

To shorten the belt, pull the top portion of webbing (illustration A) through the adjuster. The correct tension should allow the hand to be inserted between the belt and the bony part of the hip.

To lengthen the belt, lift the adjuster (as illustrated in B) to approximately 45° thus allowing the webbing to pass through it.



Lap type safety belt

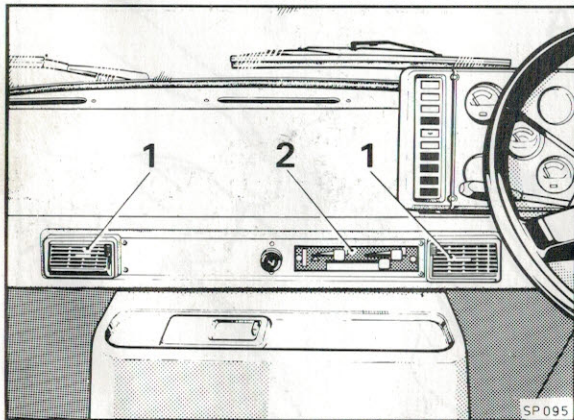
B 2369

HEATING AND VENTILATION

The heating and ventilation system is designed to provide fresh air to the screen, cab, face or feet at varying temperatures, regulated to individual requirements.

The system has the following controls:-

- Air distribution – screen (Demist)
- Air distribution – cab interior
- Temperature
- Face level vents
- Foot level vents
- Heater blower switch



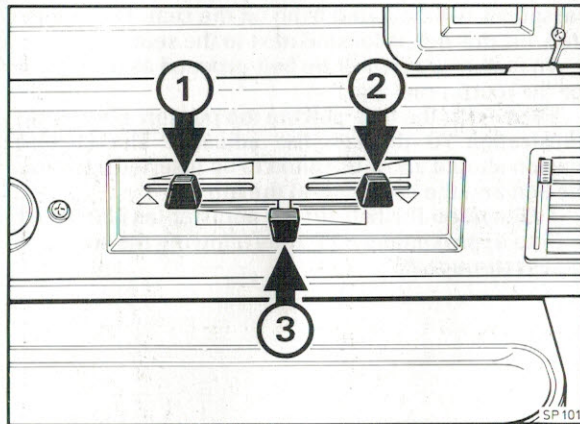
1 – Face vents 2 – Heater controls

Distribution Controls (1 and 2)

The controls located on the facia panel regulate air flow rate to the screen and cab interior.

Temperature Control (3)

Regulates the temperature of the air entering the cab, depending on its position between hot and cold positions.



Heater and air controls

Face Level Vents

Controllable face level vents are located at each side of the heater control panel.

They direct a selected rate of unheated air flow to suit individual requirements.

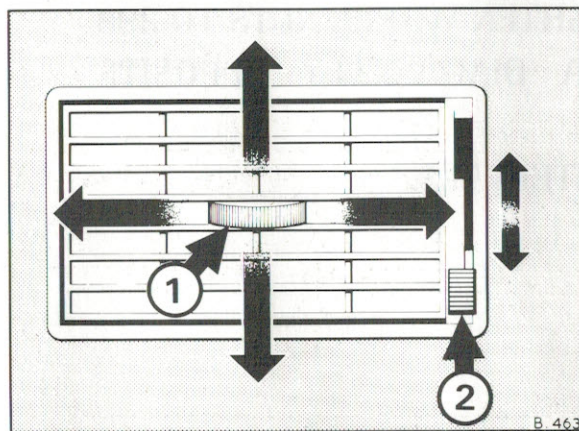
Operating the vertical moving lever (2) controls air flow volume whilst the centrally positioned button (1) controls direction.

The heater blower may be used to boost the flow.

NOTE. For additional ventilation use the quarter lights (see under "Windows").

Blower Switch

The rocker type switch is mounted at the side of the instrument panel and is pressed when low or high boosted air flow is required for heating or ventilation.

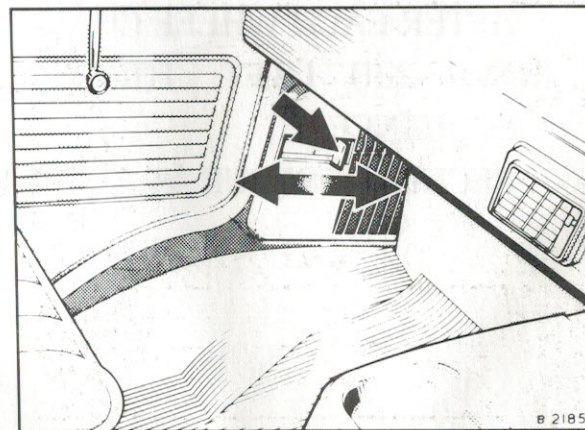


Face level vents

Foot Level Vents

These are located in the outer side panels of the foot wells.

Regulate the shutter type control to admit air flow to suit individual requirements.



Foot level vents

WHEEL FITTING INSTRUCTIONS

THIS VEHICLE IS FITTED WITH SPHERICAL SEAT WHEELS.
THE STUD THREADS ARE LEFT HAND ON THE LEFT SIDE AND
RIGHT HAND ON THE RIGHT SIDE.

AFTER EACH WHEEL CHANGE, TIGHTEN WHEEL NUTS TO 298
Nm. 220 LB.FT. TORQUE IN A DIAGONALLY OPPOSITE
SEQUENCE.

RECHECK TORQUE AT REGULAR INTERVALS.

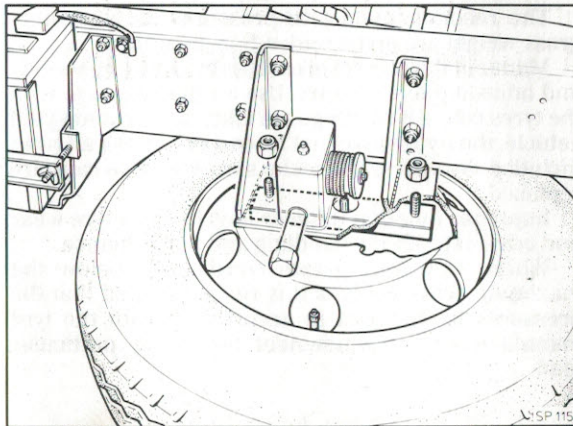
WHEELS

Tool Location

The wheelbrace, tommy bar and jack-operating lever are located on clips at the rear of the cab. The jack is located behind the drivers seat.

To Remove Spare Wheel - Truck Model

1. Using the spanner provided, remove the two nuts which secure the spare wheel to the chassis mounted bracket.
2. Wind down the spare wheel using the wheelbrace.

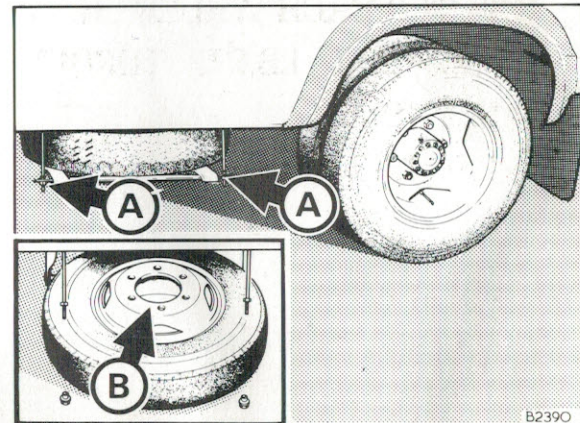


Truck Model

Spare Wheel - Van Model

To release the spare wheel remove the large nuts (A) illustrated and allow the carrier to hinge downwards.

Note that the wheel is fitted in the carrier with its stud holes uppermost (B).



Van Model

Changing the Wheel

- 1 Apply the parking brake and, if removing a rear wheel, chock the front wheels.
- 2 Release the wheelnuts half a turn.
- 3 Raise the jack until the wheels just clear the ground. Remove the wheelnuts and wheel. Lightly oil the stud threads to prevent corrosion.

To Tighten Wheelnuts

- 1 Ensure that the mating surfaces on the nut and wheel are free of foreign matter. Failure to observe this point will mean that the nuts will not seat properly and could slacken off during service.
- 2 Fit the spare wheel.
- 3 Tighten the nuts a few turns at a time in a diagonally opposite sequence ensuring that the wheel sets squarely and evenly on the hub.

TYRES

It is advisable to run-in new tyres: this is of course taken care of when the vehicle is new and the normal running-in precautions are taken. When tyres are eventually renewed however, they should be run in at a moderate road speed for at least 150 km (100 miles) before driving at higher speeds.

It is recommended that when replacing tyres, those of a similar specification be used. Fitting tyres of a different size will not only affect the accuracy of speedometer or tachograph readings but could also affect the plated weight. Either cross-ply or radial-ply tyres on all wheels is the correct combination. Under no circumstances may cross-ply and radial-ply tyres be mixed on a vehicle.

Inflation Pressures

The recommended tyre pressures for maximum gross weight are given under 'Specifications'.

Maintain the correct pressures by checking weekly and adjusting if necessary. Use a reliable gauge with the tyres cold – if readings are taken after running the vehicle, the figures will not be correct. Check all tyres included the spare, and make sure the valve caps are replaced.

Improper inflation (high or low) hastens tyre wear and adversely affects handling and performance.

Where vehicles operate consistently below the maximum gross weights it is recommended that the pressures be reduced in accordance with the tyre manufacturers recommendations for a particular load.

WINDSCREEN WIPERS AND WASHERS

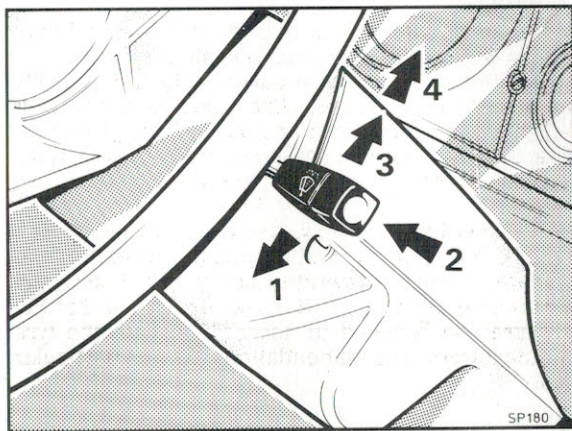
Windscreen Wash/Wipe Switch

The combined washer and wiper switch control is located on the right hand side of the steering column cowl. The switch functions only when the ignition or auxiliaries are switched 'ON'.

Wiper Operation

1. Intermittent wipe
2. Wash and wipe
3. Normal wipe
4. Fast wipe

The washers can be operated in any wipe position.



Windscreen wash/wipe switch

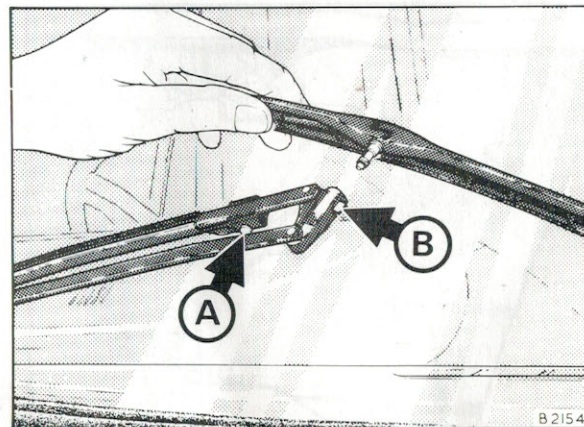
Wipers

The windscreen wiper blades should be renewed annually or as soon as it becomes apparent that they are not working efficiently. Genuine replacements can be obtained from your Dealer.

The drivers' wiper arm assembly is of a pantograph construction and gives a greater screen swept area on this side.

Although both wiper arms are hinged to allow them to be lifted clear of the glass when it becomes necessary to clean the screen, the driver's arm does not lock in this position. Do not pull wipers across the screen as this may damage the mechanism.

Washer jets (A) are located at the outer extremity of each arm, the supply tube being taped beneath the arm.



A – jet B – Arm release catch

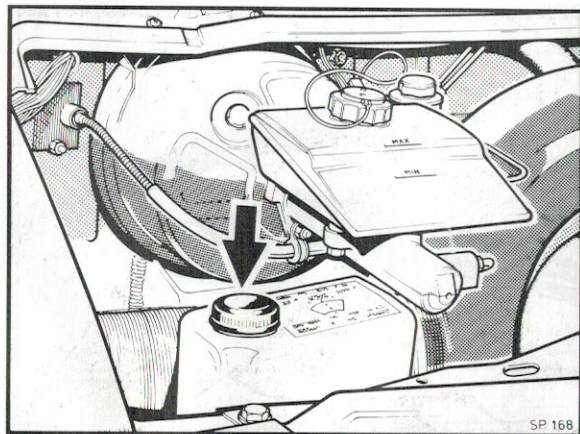
Arc of wipe or position of park may be altered slightly by repositioning the arm assembly on the serrated taper of the drive spindle. Care must be taken not to dislodge the washer jet tube if this is done.

To Fit a New Wiper Blade

- Lift the blade and carrier away from the screen.
- Depress the catch (B) to release the blade carrier and withdraw from the arm.
- Renew the blade or blade and carrier assembly.

Washer Reservoir

The reservoir is situated just behind the radiator.



Washer reservoir

Brake Anti-Freeze Equipment (when fitted)

The brake anti-freeze equipment – or alcohol evaporator, fitted under the bonnet on the left hand side, permits vaporized alcohol to circulate in the air system to safeguard against the possibility of condensate freezing within the system.

During freezing conditions the level of the fluid should be checked daily and replenished if necessary with methyl alcohol.

To replenish the container unscrew the filler plug in the top of the container and fill the evaporator until it is two-thirds full.

SWITCHES

Side and Headlamp Switch (A)

This switch is located on the left hand side of the steering column and has three positions.

Off. Switch up.

- ★ Side, (front and rear) lights on.
Side lights and headlamps on.

Instruments are illuminated when the side and tail lamps are switched 'ON'.

For main and dipping beam, see 'Combination Switch'.

★Dim Dip

This vehicle conforms to Dim Dip regulations. With side lights only switched on:-

If the ignition/starter switch is 'OFF' the side/tail lights are on as normal.

If the ignition/starter switch is 'ON' the side/tail lights are on, in addition a relay is energised which operates the dipped headlamp beam through a resistor to produce a lower intensity.

In the headlamp position, main and dipped beams operate normally.

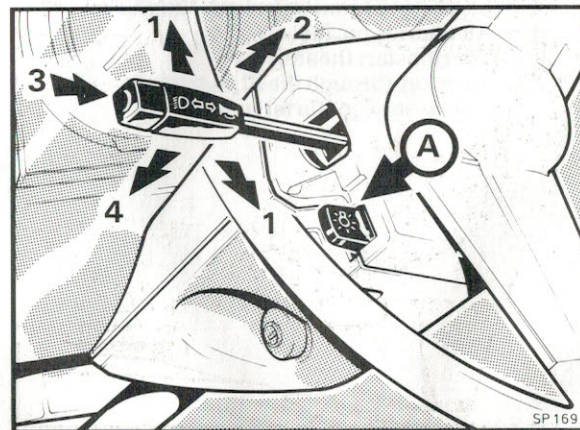
Lights on warning

A warning device operates if the lights are on and the doors are opened.

Dip/Flasher/Horn/Direction Indicator Combination Switch

The combination switch control is located on the left hand side of the steering column cowl. Movement of the stalk controls the following:-

- 1 Left hand and right hand direction indicators.
- 2 Headlamp flasher.
- 3 Horn operation.
- 4 Headlamp main beam.



Lights and combination switch