

Headlamps - Left-hand drive cars other than Rolls-Royce 4 door cars conforming to a USA specification (Key to 9-5)

Component location



002888

Wiring diagram



002889

- 1) Engine compartment earth point - front left-hand side
- 2) Headlamps control module plug 3-way - white
- 3) Headlamps dim/dip resistor block. Only applicable to certain cars conforming to a Canadian or Swedish specification

Caution:

This component by its nature operates at high temperatures. Therefore, before handling, turn the main lighting switch to the OFF position and remove the ignition key from the switchbox. Also, before handling, ensure adequate time is allowed for the component to cool down

- 4) Headlamps main beam warning symbol
- 5) Engine compartment earth point - front right-hand side
- 6) Left-hand outer headlamp socket 3-way
- 7) Left-hand inner headlamp socket 3-way
- 8) Headlamps control module plug and socket 3-way - red. Only connected on certain cars conforming to a Canadian or Swedish specification
- 9) Headlamps control module
- 10) Instruments module socket 26-way - blue
- 11) Main loom to valance loom plug and socket 18-way - left-hand side
- 12) Right-hand inner headlamp socket 3-way
- 13) Right-hand outer headlamp socket 3-way
- 14) Headlamps washers pump plug and socket. For further information reference should be made to the wiring diagrams contained within Section 14
- 15) Headlamps control module plug and socket 7-way
- 16) Splice A
- 17) Headlamps control module plug and socket 12-way
- 18) Headlamps fuseboard - located in the engine compartment
- 19) Splice B
- 20) Headlamps control module earth point
- 21) Main loom to valance loom plug and socket 24-way - left-hand 'A' post
- 22) Main loom to valance loom plug and socket 12-way - left-hand 'A' post
- 23) Main loom to valance loom 60 amp connector - right-hand 'A' post
- 24) Valance loom to engine loom 60 amp connector - right-hand side
- 25) Valance loom to engine loom 60 amp connector - left-hand side
- 26) Fusible link - at alternator
- 27) Splice C
- 28) Alternator connection
- 29) Starter motor
- 30) Splice D
- 31) Main loom to valance loom 60 amp connector - left-hand 'A' post
- 32) Steering column plug and socket 7-way

(OID = <136803_1_1_1> UID = <7207 136803> Dataset = <TSD 6000 06-2008 [English]>)

- 33) Switchbox plug and socket 18-way
- 34) Splice E
- 35) Windscreen wipers control module plug and socket. For further information reference should be made to the wiring diagrams contained within Section 15
- 36) Washer fluid level switch connector. For further information reference should be made to the wiring diagrams contained within Section 15
- 37) Splice F
- 38) Splice G
- 39) Splice H
- 40) Splice I
- 41) Splice J
- 42) Headlamps flash/dip switch
- 43) Lighting switch - switchbox
- 44) Starter switch - switchbox
- 45) Main fuseboard F1, fuse C8, 10 amp
- 46) Main fuseboard F1, fuse A8, 10 amp
- 47) Splice K
- 48) Start relay
- 49) Rear windows isolation relay
- 50) Earth point - left-hand 'A' post
- 51) Left-hand outer headlamp
- 52) Left-hand inner headlamp. Other than Bentley motor cars conforming to a Japanese or USA specification
- 53) Right-hand inner headlamp. Other than Bentley motor cars conforming to a Japanese or USA specification
- 54) Right-hand outer headlamp
- 55) Splice L

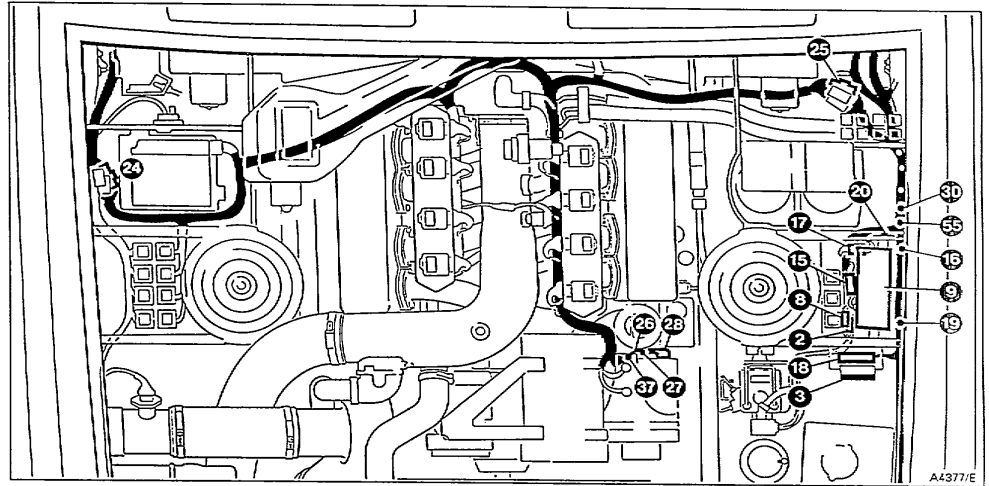
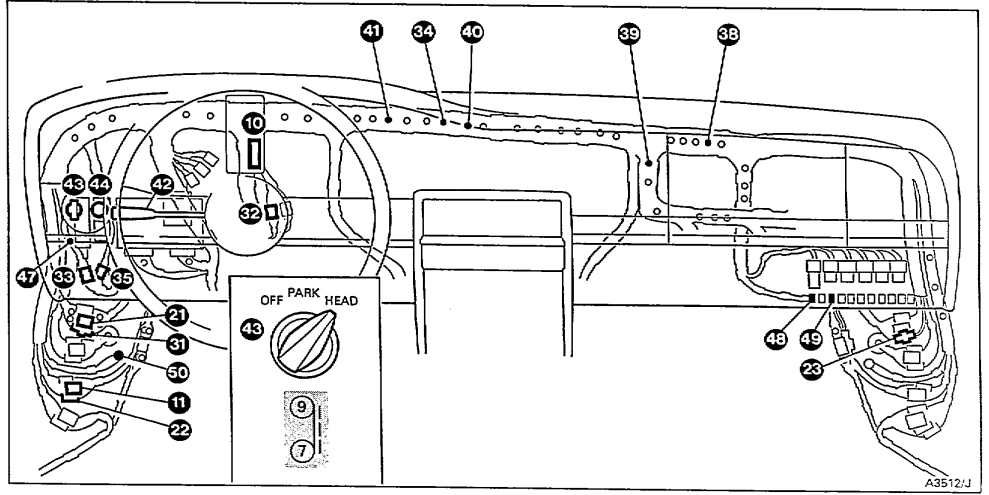
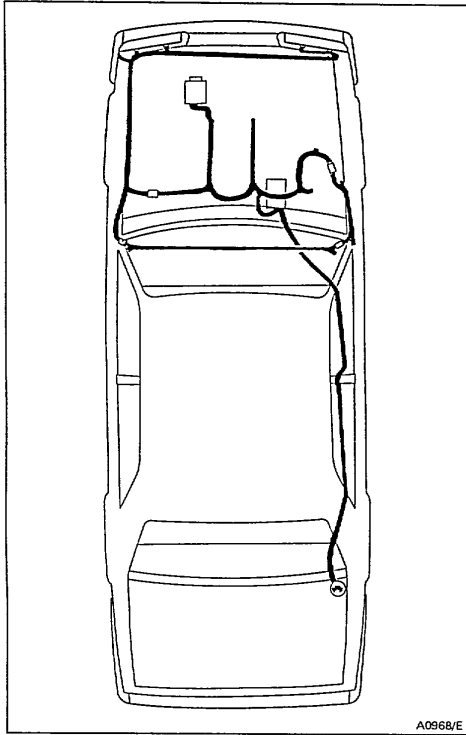
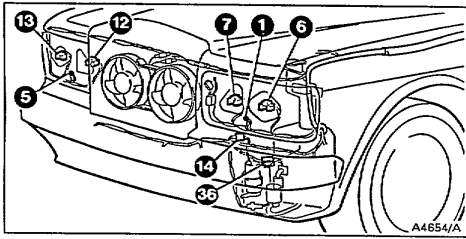
Note:

 [003363](#)

Only applicable to cars conforming to a Canadian or USA specification

Note:

On certain cars conforming to a United Kingdom specification, the resistor block (item 3) may not be fitted. If it is not fitted, it should be assumed that the dim/dip circuitry is contained within the headlamps control module



Wash/wipe operation - 1996 model year cars (Key to 15-45)

Circuit description

With the ignition switch in the RUN position, the windscreen washers pump receives a 12 volt positive supply from fuse C6 at fuseboard F1. Depressing the wash/wipe switch provides an earth path for the light green/black cable at the windscreen wipers control module, in response to this input the windscreen wipers control module applies an earth to the light green/black cable at the headlamps control module. The headlamps control module now provides an earth path for the windscreen washers pump. The pump now operates. If the switch is held depressed for a further half a second, the windscreen wipers control module provides a 12 volts positive supply on the light green/white cable to energize relay 1. This allows a 12 volts positive supply to pass through the normally open contacts of relay 1, and via the normally closed contacts of relay 3, to the slow speed brush of the wiper motor. The earth path for the wiper motor is directed through the normally closed contacts of relay 2 to the valance earth point.

On releasing the wash/wipe switch the windscreen washers pump stops immediately, but the windscreen wipers control module maintains the 12 volts positive supply on the light green/white cable for a further five seconds, causing the wiper motor to complete approximately five cycles. The wipe cycle ends with the wiper blades in the parked position, details of which are shown in the diagrams for the OFF position.

Component location

 [002924](#)

Wiring diagram

 [002925](#)

- 1) Windscreen wipers control module
- 2) Windscreen wipers control module plug and socket 12-way
- 3) Main loom to valance loom plug and socket 24-way - right-hand 'A' post
- 4) Windscreen wipers motor plug and socket 7-way
- 5) Headlamps control module
- 6) 'On screen' park switch - located within the windscreen wipers motor
- 7) Windscreen wipers motor
- 8) Headlamps control module plug and socket 12-way
- 9) Headlamps control module plug and socket 7-way
- 10) Splice A
- 11) Main loom to valance loom plug and socket 18-way - left-hand 'A' post
- 12) Splice B
- 13) Headlamps control module earth point
- 14) Windscreen wipers motor earth point
- 15) Windscreen wipers motor suppressor
- 16) Windscreen wipers motor suppressor connector
- 17) 'A' post earth points
- 18) Steering column plug and socket 7-way
- 19) Windscreen washers pump plug and socket
- 20) Main loom to valance loom plug and socket 24-way - left-hand 'A' post
- 21) 'Off screen' park switch
- 22) Windscreen wipers relay 3
- 23) Windscreen wash/wipe switch

- 24) Windscreen washers pump
- 25) Splice C
- 26) Splice D. Right-hand drive cars Splice E. Left-hand drive cars
- 27) Splice F. Right-hand drive cars Splice G. Left-hand drive cars
- 28) Main loom to valance loom plug and socket 9-way - right-hand 'A' post
- 29) Windscreen wipers relay 1
- 30) Splice H. Right-hand drive cars Splice I. Left-hand drive cars
- 31) Splice J
- 32) Splice K
- 33) Engine compartment earth point - right-hand valance
- 34) Diode plug and socket 4-way
- 35) Main fuseboard F1, fuse C6, 10 amp
- 36) 12 volts positive supply when ignition key is in the ACC or RUN position
- 37) Main fuseboard F1, fuse C8, 10 amp
- 38) Main fuseboard F1, fuse A8, 10 amp
- 39) Main fuseboard F2, fuse C4, 20 amp
- 40) Diode
- 41) Windscreen wipers relay 2
- 42) Windscreen wipers switch plug and socket 12-way
- 43) Diode - windscreen wipers control switch
- 44) Windscreen wipers control switch

Note:

The windscreen wipers control switch is a mechanically linked, 3-level wafer switch

- 44a Wafer switch 2
- 44b Wafer switch 3
- 44c Wafer switch 1
- 45) Low washer fluid level switch connector

Note:

 003369

Denotes braided cable

