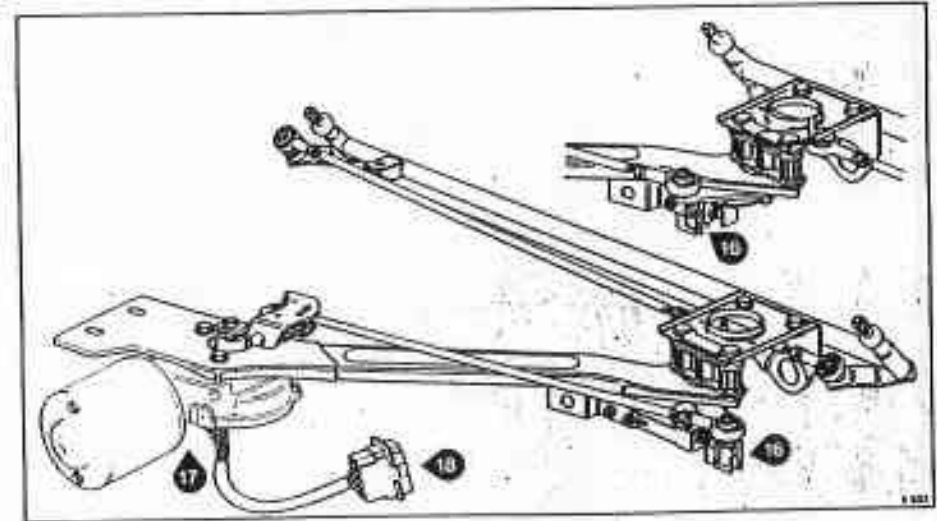
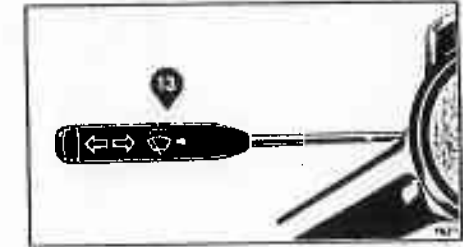
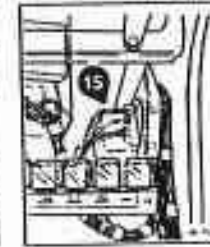
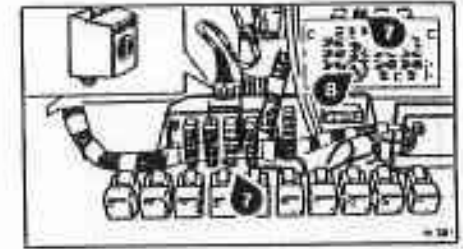
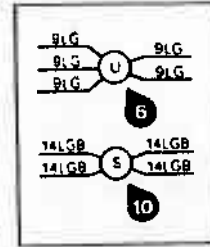
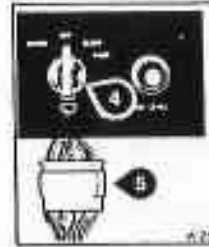
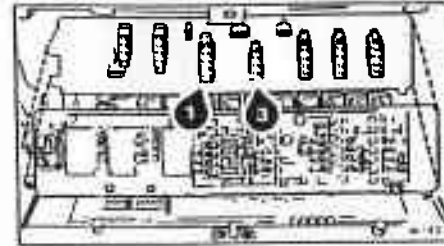
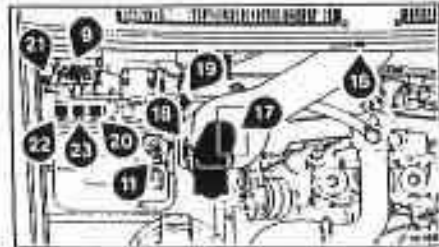
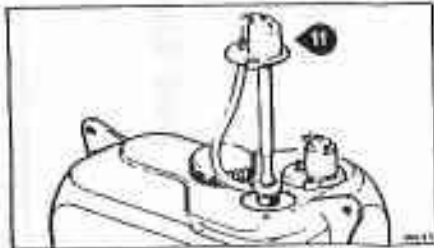
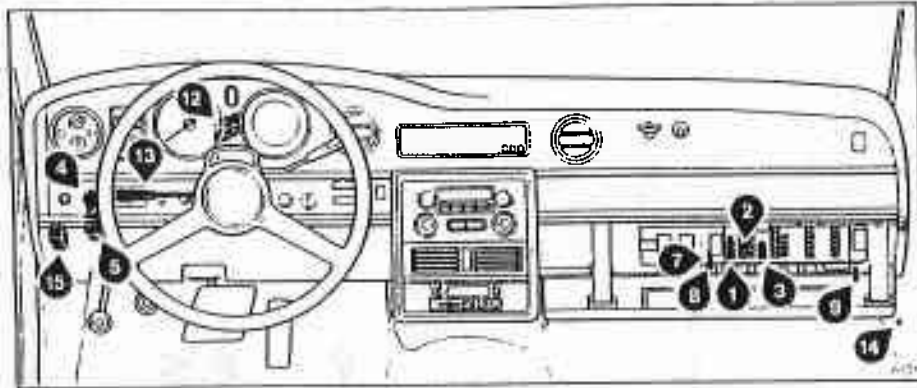
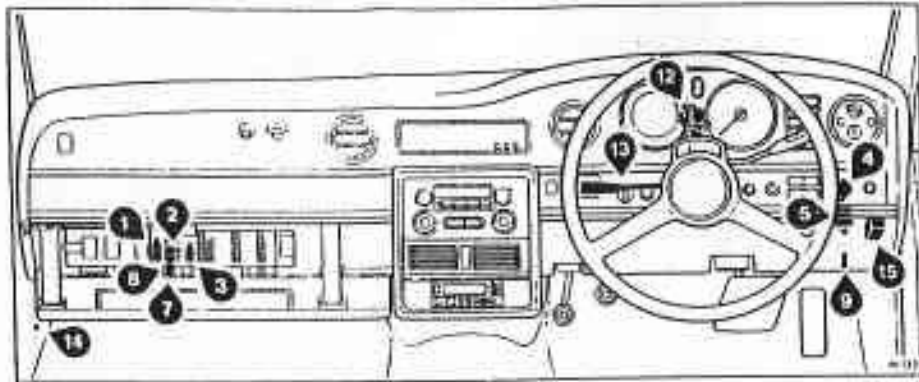


Windscreen wipers and washers

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Windscreen wipers and washers

Component location

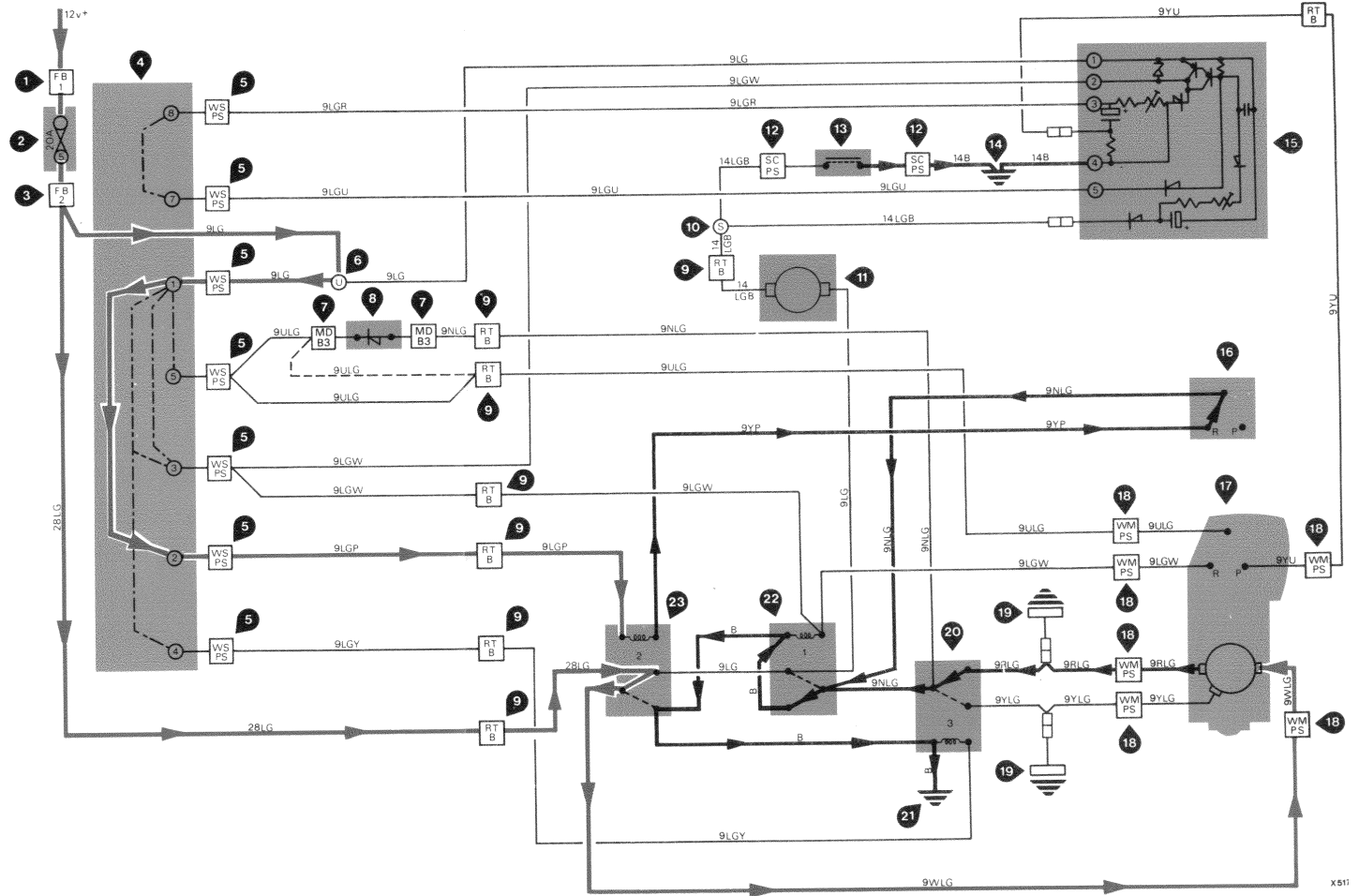


Circuit description
OFF position

With the windscreen wiper control switch in the OFF position, switch contacts 1 and 2 are closed. If the screen wiper system is operating and OFF position is then selected the wiper motor continues to rotate until the motor sets the 'Park on screen' switch (within the motor assembly) to the Park position. This breaks the 12 volts positive supply to the coil of relay 1, thereby de-energising the relay and removing the 12 volts positive supply from the slow speed brush of the wiper motor. This supply to the motor is routed from fuse 5 at the fuseboard via right-hand toeboard plug B and also the connection at relay 2 socket.

The slow speed brush of the wiper motor now finds an earth path through the normally closed contacts of relays 3 and 1, and via connections at relay sockets 1, 2, and 3 to the valance earth point.

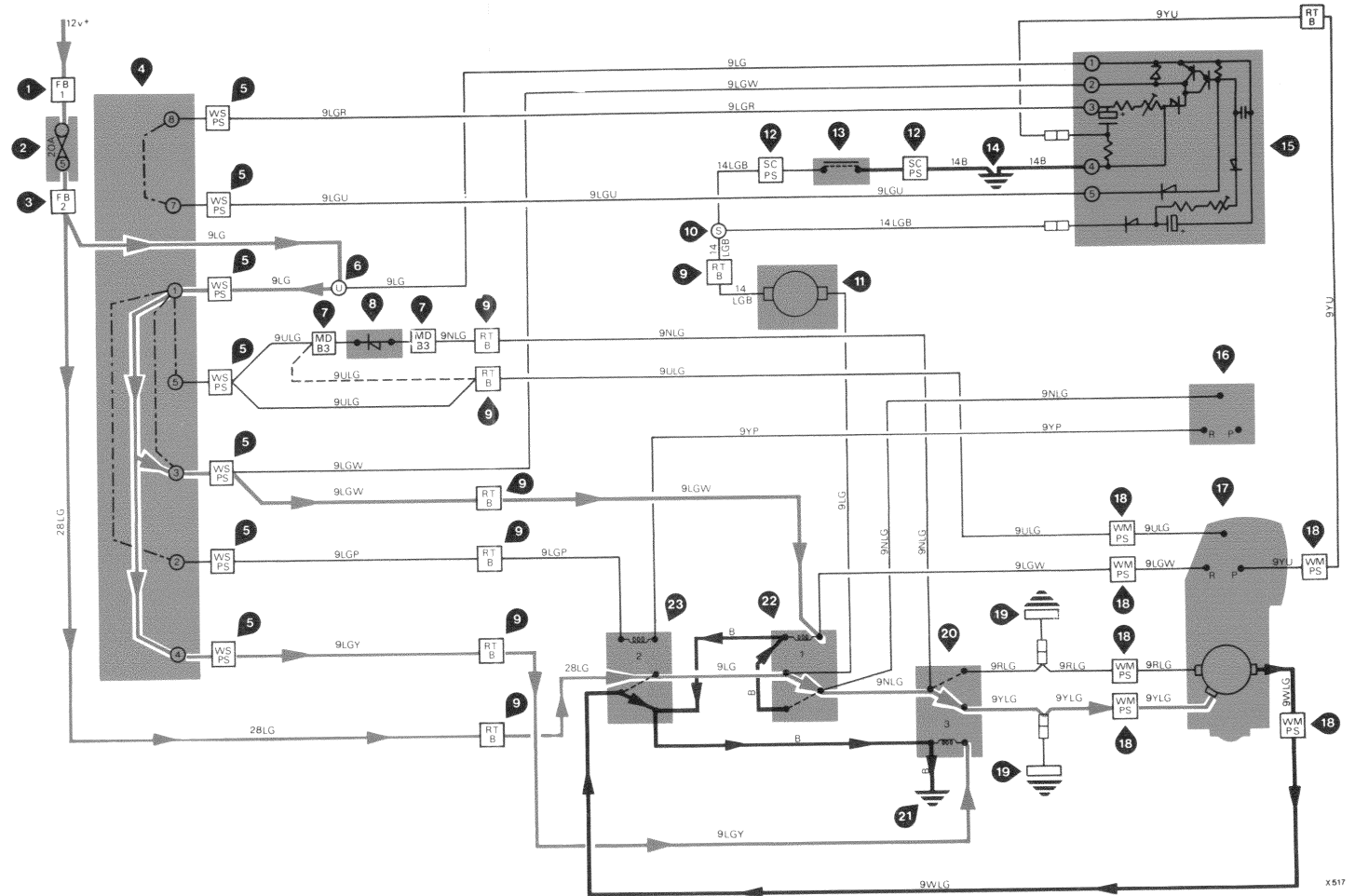
The coil of relay 2 receiving 12 volts positive from wiper switch contact 2, finds an earth path via the Run position of the 'Park off screen' switch, thereby energising relay 2. This provides a 12 volts positive supply through the normally open contacts to the wiper motor. The motor reverses direction, causing the 'Park off screen' switch to be set to the Park position. This disconnects the earth path causing the motor to stop with the windscreen wiper blades in the parked position.



Circuit description

FAST position

With the windscreen wiper control switch set to the FAST position, switch contacts 1, 3, and 4 are closed. A 12 volts positive feed from fuse 5 at the fuseboard is directed via switch contacts 1 and 3 to energise relay 1 and close the normally open contacts. Simultaneously switch contacts 1 and 4 supply 12 volts positive from fuse 5 to energise relay 3. With relays 1 and 3 energised 12 volts positive is passed through the normally open contacts of the relays to the fast speed brush of the wiper motor. This supply is routed from fuse 5 at the fuseboard via right-hand toeboard plug B and also the connection at relay 2 socket. The earth path for the wiper motor is via the normally closed contacts of relay 2 and the connection at relay 3 socket to the valance earth point.



Circuit description

FAST position

With the windscreen wiper control switch set to the FAST position, switch contacts 1, 3, 4, and 14, are closed. A 12 volts positive feed from fuse 5 at the fuseboard is directed via switch contacts 1 and 3 to energize relay 1 and close the normally open contacts. Simultaneously switch contacts 1 and 4 supply 12 volts positive from fuse 5 to energize relay 3. With relays 1 and 3 energized 12 volts positive is passed through the normally open contacts of the relays to the fast speed brush of the wiper motor. This supply is routed from fuse 5 at the fuseboard via right-hand toeboard plug B and also the connection at relay 2 socket. The earth path for the wiper motor is via the normally closed contacts of relay 2 and the connection at relay 3 socket to the valance earth point.

Switch position	Terminals connected
	1 - 2
	1 - 3
	1 - 3 4 - 14
	1 - 5 7 - 8 9 - 10
	1 - 5 7 - 8 9 - 11
	1 - 5 7 - 8 9 - 12
	1 - 5 7 - 8 9 - 13

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