



SIDE LIGHTS / NO. PLATE LIGHTS

166

SIDE LIGHTS / NO. PLATE LIGHTS - Description

The side lights come on when the selector on the left side of the facia is turned to the first position and only work with the key turned to MAR.

They may also be turned on by turning the selector anticlockwise - parking position. In this case, activation is independent of ignition switch position.

Under these conditions, if the turn signal lever is in the right or left selection position, the parking lights are turned on only on the selected side.

Turning on the side lights also turns on the number plate lights and numerous other interior lights for passenger compartment lighting and instrument & control lighting (these lines are described and illustrated in the diagrams for the components to which they refer).

The circuit is protected by two fuses, one for the right-hand lights, one for the left-hand lights.

A warning light on the instrument panel indicates that the side lights have been turned on.

Operation of the side lights and number plate lights is monitored by the exterior light check device.

The following faults may occur:

- blown bulb
- bulb s.c. to earth or positive

A special light failure warning light on the dashboard comes on for all other faults in the various circuits. This warning light comes on for about 6 seconds when the ignition key is turned to MAR, to indicate it is working properly, then it goes off.

SIDE LIGHTS / NO. PLATE LIGHTS - Functional description

The side lights and parking lights are controlled by the electronic Check device M45, that receives control signals from the switches and controls the bulbs while also checking the various lines.

The supply for the Check device M45 arrives directly from the battery. (maxifuse CENTR of B5) to pins 1 and 6 of connector C, via fuse F11 of junction unit B1 .

An ignition-operated power supply (INT/A) reaches pin 9 of connector C through fuse F1 of junction unit B1 : pin 7 of connector C is earthed.

The side lights switch for the exterior lights control H6 receives a go-ahead from pin 5 of connector A; when the lights are on, it sends a command to pin 4 of connector A of M45 .

In response to this signal, the Check device M45 controls the supply for the front side lights F10 (left) and F11 (right) from pins 6 and 4 of connector D; for the rear lights F30 and F35 (left) F31 and F36 (right) from pins 11, 2, 3, 12 of connector E; and, lastly, for the number plate lights F50 and F51 from pins 1 and 6 of connector E.

At the same time the 'side lights on' warning light on the instrument panel E50 , pin 5 of connector C, is turned on from pin 9 of connector B, while pin 15 of connector A supplies the ignition-controlled supply to the panel, through fuse F1 of the junction unit B1 .

The parking lights switch of the exterior lights control H6 receives enablement from pin 13 of connector A and sends the command to pin 9 of connector A of M45 .

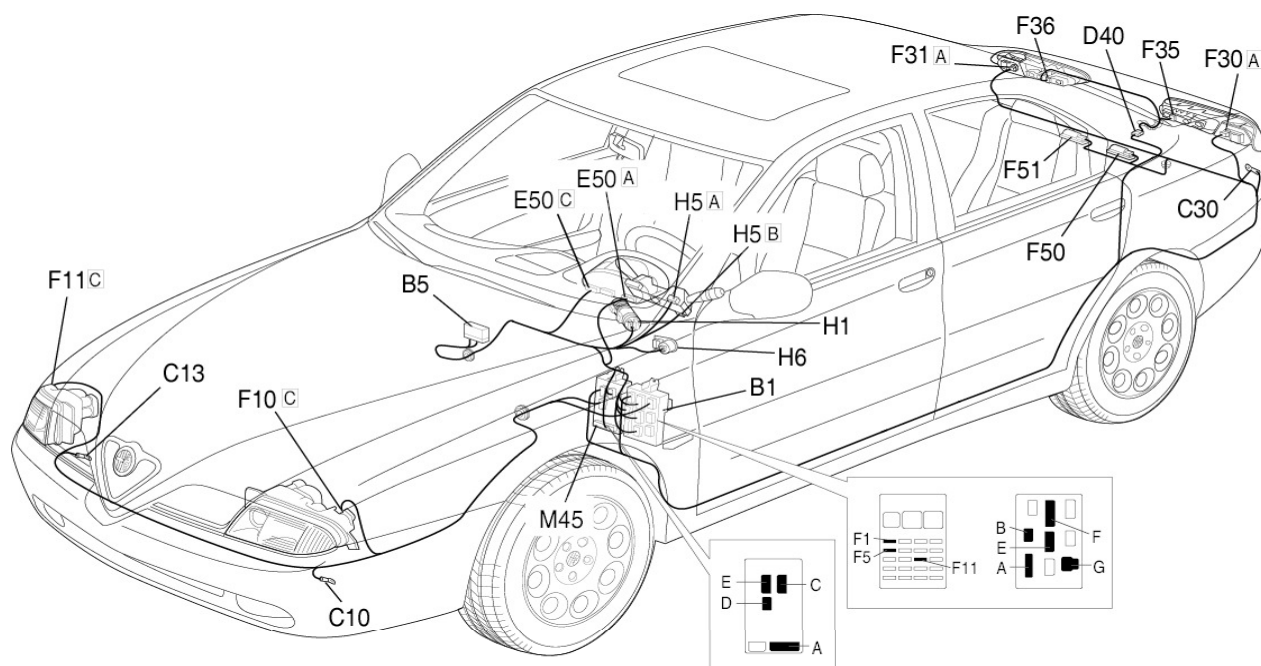
In response to this signal, the Check device M45 controls the supply to the side lights as described above.

When the parking lights are switched on, a control is send from pin 12 of connector B to the stalk unit H5 . If from the stalk unit H5 a signal reaches pins 4 and 5 of connector B indicating the selection of the right or left indicators, the Check device M45 controls the supply of the side lights only on the selected side.

The device M45 checks the efficiency of the bulbs and their connections: if faults are detected in the circuit, the 'lights fault' warning light on the instrument panel E50 , pin 7 of connector C, is lit from pin 6 of connector A, while pin 15 of connector A supplies an ignition-operated power supply to the panel through fuse F1 of the junction unit B1 .

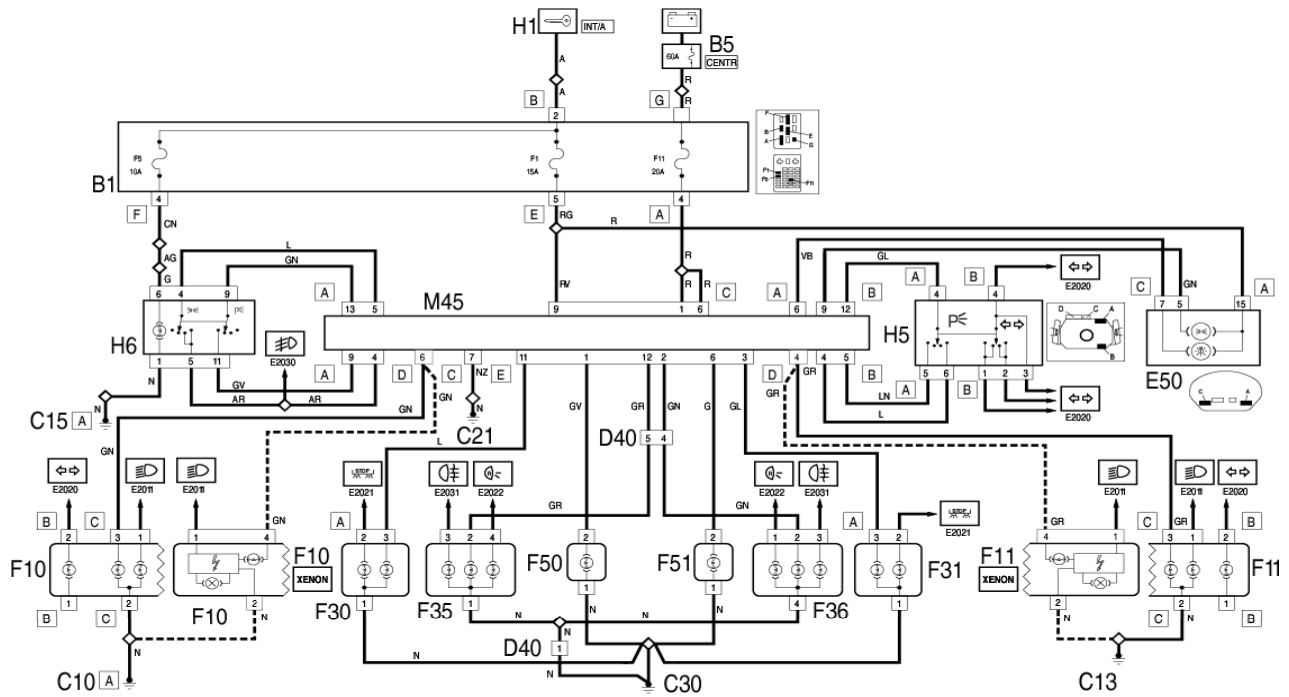
The exterior lights control H6 is illuminated when the ignition is on (INT/A), through the line of fuse F15 to the fuse and relay unit B1 .

SIDE LIGHTS / NO. PLATE LIGHTS - Location of components



Component code	Name	Assembly reference
B1	Junction unit	5505A
B2	Dashboard junction unit (CPL)	-
B2	Junction unit	-
B2	Junction unit	5505A
B5	MAXI FUSE box	-
B99	Battery fuses junction unit (CBA)	5530B
C10	Front left earth	-
C11	Right front earth	-
C13	Front earth on left side panel	5505A
C15	Facia earth, driver's side	-
C21	Dashboard earth on Air Bag bracket	-
C21	Passenger side dashboard earth	-
C30	Rear left earth	-
C31	Rear right earth	-
D1	Front-dashboard coupling	-
D6	Rear - front coupling	-
D19	Dashboard / battery coupling	-
D20	Dashboard-rear coupling	-
D25	Dashboard-left rear coupling	-
D40	Boot rear connection	-
E50	Instrument panel	-
E50	Instrument panel	5560B
F10	Left headlamp	5540B
F10	Left headlamp	5540B
F11	Right headlamp	5540B
F11	Right headlamp	5540B
F30	Rear left light cluster	5540A
F31	Rear right light cluster	5540A
F35	Right rear light cluster (moving section)	5540A
F36	Right rear light cluster (moving section)	5540A
F50	Left number plate light	5540A
F51	Right number plate light	5540A
H1	Ignition switch	5520A
H5	Steering column switch unit	5550A
H6	Exterior lights control	5540A
M45	Electronic Check device	-
M45	Electronic Check device	5560C

SIDE LIGHTS / NO. PLATE LIGHTS - Wiring diagram



Component code	Name	Assembly reference
B1	Junction unit	5505A
B2	Dashboard junction unit (CPL)	-
B2	Junction unit	-
B2	Junction unit	5505A
B5	MAXI FUSE box	-
B99	Battery fuses junction unit (CBA)	5530B
C10	Front left earth	-
C11	Right front earth	-
C13	Front earth on left side panel	5505A
C15	Facia earth, driver's side	-
C21	Dashboard earth on Air Bag bracket	-
C21	Passenger side dashboard earth	-
C30	Rear left earth	-
C31	Rear right earth	-
D1	Front-dashboard coupling	-
D6	Rear - front coupling	-
D19	Dashboard / battery coupling	-
D20	Dashboard-rear coupling	-
D25	Dashboard-left rear coupling	-
D40	Boot rear connection	-
E50	Instrument panel	-
E50	Instrument panel	5560B
F10	Left headlamp	5540B
F10	Left headlamp	5540B
F11	Right headlamp	5540B
F11	Right headlamp	5540B
F30	Rear left light cluster	5540A
F31	Rear right light cluster	5540A
F35	Right rear light cluster (moving section	5540A
F36	Right rear light cluster (moving section	5540A
F50	Left number plate light	5540A
F51	Right number plate light	5540A
H1	Ignition switch	5520A
H5	Steering column switch unit	5550A
H6	Exterior lights control	5540A
M45	Electronic Check device	-
M45	Electronic Check device	5560C

