Jaguar XJ6 series 3
Schematic Drawings

http://www.skjagtech.co.uk

1979 -1986

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DISCLAIMER
Should you decide to undertake work on any system covered in these documents, SK Jagtech accept no liability for damage to the vehicle or personal injuries however caused. The information in this document is provided to help explain and provided reference material. We are geared up with the right equipment and have trained knowledgeable staff who can perform maintenance and fault finding on your Jaguar and it is recommend that you leave any technical work to a suitable specialist firms if you are in any way unsure of a procedure. You are always welcome to contact us for advice.

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**Jaguar XJ6 S3 Head, Side and Fog light Schematic**

**Generic Diagram**

Different models are cabled differently and therefore this diagram is a generic circuit that should help trace a fault. As data becomes available we will add additional diagrams to cover the differences in switch gear extra.
Switch Schematic explained

This is a Jaguar idea here (don't blame us)
The black lines A, B, C and D are used to show which contacts 1-7 are connected in which ever mode is in use.

For example:
- Slow=1-5 and 2-7
- Fast=1-4 and 2-7

Below are two other variations 1 designed by us which are provided to get the point across.
Switch motion and yes for some bizarre reason known only to the engineers at Lucas the motor is live on both sides at rest.

PINS

<table>
<thead>
<tr>
<th>Up</th>
<th>Rest</th>
<th>Down</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 &amp; 3 +</td>
<td>2 &amp; 6 +</td>
<td>1 &amp; 3 +</td>
</tr>
</tbody>
</table>

RH mirror switch

LH mirror switch

Front R/H

Rear R/H rear

Rear R/H front

Front L/H

Rear L/H rear

Rear L/H front

Thermal Switch

1

2

3

6

7

8

To Fuse 8

PINS

PUS

PKS

RH mirror switch

RH Vertical Motor

RH Horizontal Motor

LH mirror switch

LH Vertical Motor

LH Horizontal Motor

To Fuse 8

PINS

PUS

PKS
Omitting Mast Delay

For those who don't want the 10 sec delay for the mast to retract or who have a faulty delay module: Substitute with a change over relay (Part no REL7DB available from us) and wire it in as per the relay schematic shown in fig 1. Note that the pin configuration is different on a standard ISO relay than on the Lucas delay module, fig 2.
Interior Light Switch

Map Light
Drivers Lamp
Passenger Lamp
Boot Light

Fuse 3

To Terminal Post

Delay unit
Blocking Diode

Puddle Lamp

NOTE: This diagram is full of factory drawing errors (awaiting correction by S&K Jagtech)

Warning Lamp
Failure Unit

Reservoir brake switch
PDWA
BS

Oxygen Warning Lamp

Handbrake Warning Lamp
BW

RH Stop Lamp
LH Stop Lamp

Stop Lamp failure Warning Unit

To Foot Brake Switch
To Bulb Failure unit via diode
To Stop Lamp bulb failure unit

To Ignition Switch
Jaguar XJ6 S3 Door Lock/Unlock and heated backlight

- L/H Rear
- R/H Rear
- BOOT
- L/H Front
- R/H Front

Actuators (LUCAS SYSTEM)

Grounded through solenoid body
Boot/Trunk locks only but can be wired to unlock by adding a 2mm² cable as shown in green

Thermal breaker

Control Switch

Delay Unit

Fuse 12

To Ignition switch protection Relay

Warning Lamp

Backlight