



Color	Size	Quantity	Comments
Bl	18	1	Headlight Switch
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- W=White
 - Bk=Black
 - Bl=Blue
 - Bl=Blue
 - Bl=Blue
 - Bl=Blue
 - Y=Yellow
 - G=Green
 - R=Red
- Different shades of colors used for clarity.

1969-70 Datsun SPL311 Headlight Circuit LHD

By Curtis Marsten ©2014

This drawing is for information only and may contain errors. It may be used freely for noncommercial purposes.
Sheet size: 36" x 24" Architectural D

Notes:

1. Wire gauge callouts based on best guess.
2. Diagram created from original 40 plus year old Nissan/Datsun harnesses, schematics and use of ohmmeter. Later harnesses from Nissan may have color changes to wires. Consult schematics on 311s.org for notes on this.
3. Drawing is a graphical representation and not to scale.

Diagnostic Help:

1. Power for the headlights comes from the fuse box separately for left and right.
2. Power for the headlight relay is taken off of the parking light power feed to the front parking lights.
3. The headlights are grounded through the switch to the frame. Power goes from the fuse box to the lights, next to the relay, from the relay to the switch and then to the ground on the frame. There is no ground at the headlights.
4. There are 3 fuses used for headlight operation. Left and right fuses for the headlights. Parking light fuse to power the relay. If either the right or left headlight is out then check those fuses. If you have no high beams then check to see if you also have no parking lights and check the fuse.

