

Color	Pin	Connects to	Connection type
Blk	14	Headlight-Power	Plug
Blk	14	Headlight-High	Plug
Blk	14	Headlight-Low	Plug

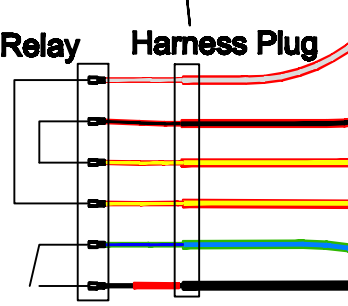
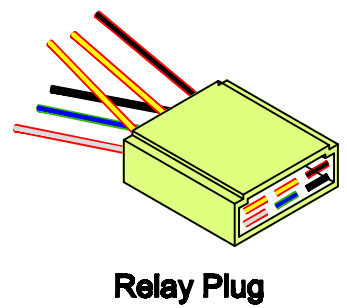
Color	Pin	Connects to	Connection type
Blk	14	Ground	Plug

Color	Pin	Connects to	Connection type
W	10	Alternator	Plug

Color	Pin	Connects to	Connection type
W	10	Starter harness	Plug

Color	Pin	Connects to	Connection type
R	14	Headlight-Power	Plug
R	14	Headlight-High	Plug
R	14	Headlight-Low	Plug

Color	Pin	Connects to	Connection type
Blk	14	Ignition	Plug
Blk	14	Headlight-Power	Plug
Blk	14	Headlight-High	Plug
Blk	14	Headlight-Low	Plug
Blk	14	Headlight-Power	Plug
Blk	14	Headlight-High	Plug
Blk	14	Headlight-Low	Plug
Blk	14	Headlight-Power	Plug
Blk	14	Headlight-High	Plug
Blk	14	Headlight-Low	Plug



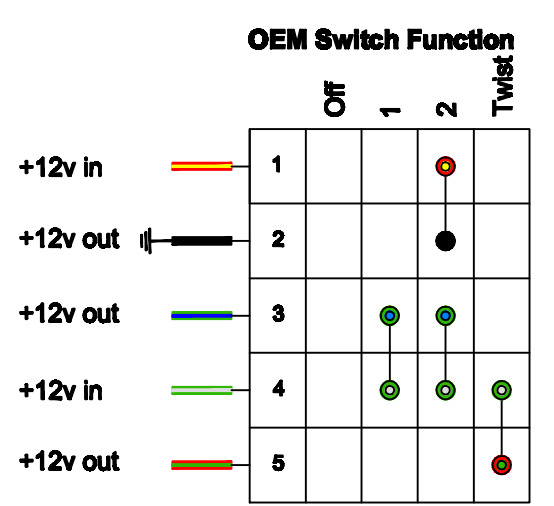
Engine Harness  
Plugs  
Dash Harness

Power to Parking Lights

Changes to white wire at plug.

- W-White
  - Blk-Black
  - Bl-Blue
  - Bl=Blue
  - Bl=Blue
  - Y=Yellow
  - G=Green
  - R=Red
- Different shades of colors used for clarity.

Common ground for dash.  
Has several splices to it.



Color	Pin	Connects to	Connection type
Blk	14	Light Power	Plug
Blk	14	Ground	Plug
Blk	14	Front Parking Lights, Backup Light & Headlight	Plug
Blk	14	Ground	Plug
Blk	14	Dash, Pkg. & Parking Lights	Plug
Blk	14	Pkg. Lights	Plug

Hi-Lo on Turn Column Switch

Color	Pin	Connects to	Connection type
Blk	14	Ign. Switch Power	Plug
Blk	14	Ign. Switch Power	Plug

Color	Pin	Connects to	Connection type
Blk	14	Ammeter Pos.	Plug
Blk	14	Ammeter Neg.	Plug

Plug into fuse box.

Color	Pin	Connects to	Connection type
Blk	14	Headlight-High	Plug
Blk	14	Headlight-Low	Plug
Blk	14	Parking Lights	Plug
Blk	14	Ign. Switch Power	Plug

### 1969-70 Datsun SPL311 Headlight Circuit LHD

By Curtis Marston ©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.

