

Datsun 1600 SP (L) 311

1966 - 1967
Wiring Diagram

WIRE
COLOR CODE

- BLK = BLACK
- R = RED
- Y = YELLOW
- G = GREEN
- B = BLUE
- W = WHITE
- BLK/WHITE GREEN

NOTE:

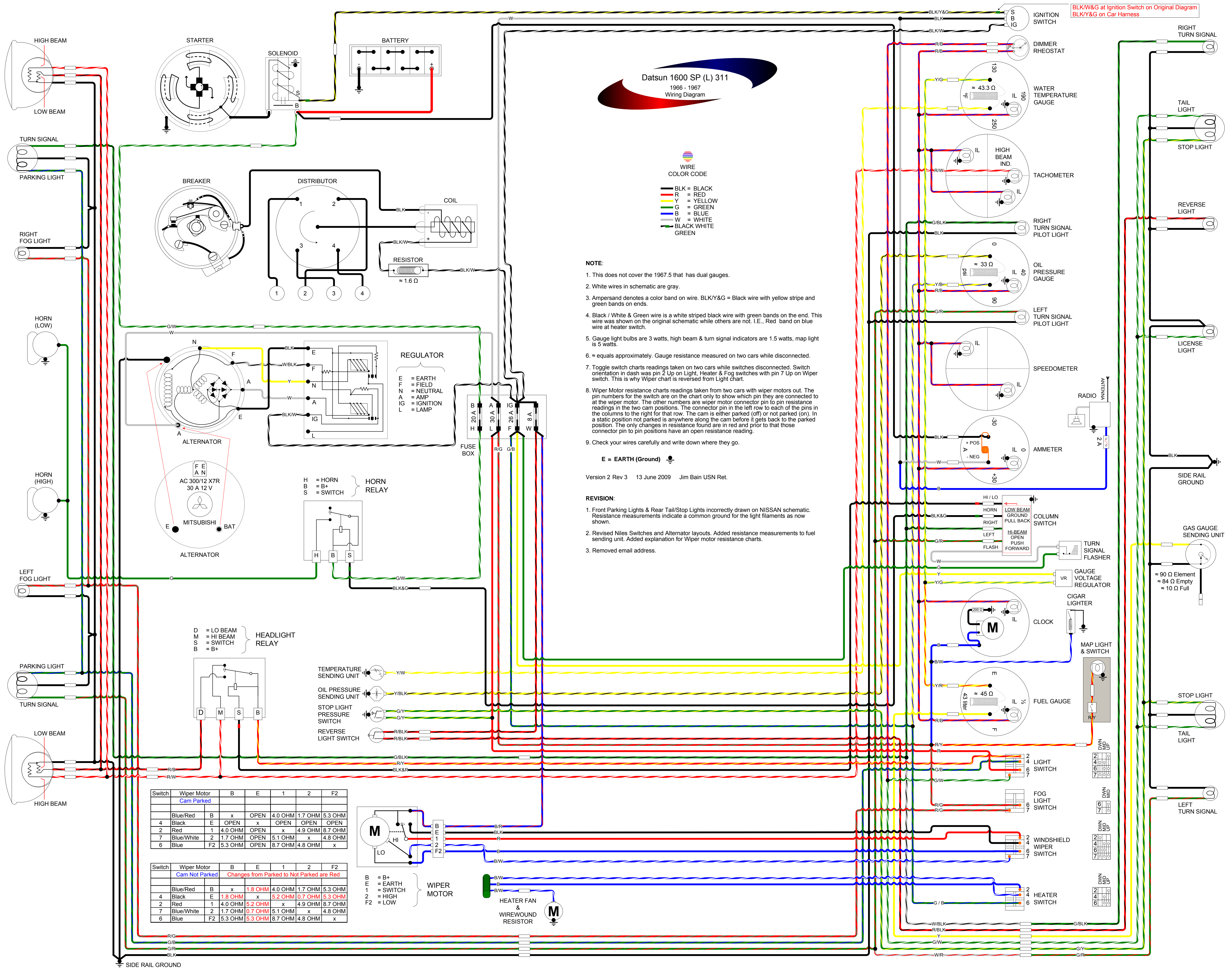
1. This does not cover the 1967.5 that has dual gauges.
2. White wires in schematic are gray.
3. Ampersand denotes a color band on wire. BLK/Y&G = Black wire with yellow stripe and green bands on ends.
4. Black / White & Green wire is a white striped black wire with green bands on the end. This wire was shown on the original schematic while others are not. I.E., Red band on blue wire at heater switch.
5. Gauge light bulbs are 3 watts, high beam & turn signal indicators are 1.5 watts, map light is 5 watts.
6. = equals approximately. Gauge resistance measured on two cars while disconnected.
7. Toggle switch charts readings taken on two cars while switches disconnected. Switch orientation in dash was pin 2 Up on Light, Heater & Fog switches with pin 7 Up on Wiper switch. This is why Wiper chart is reversed from Light chart.
8. Wiper Motor resistance charts readings taken from two cars with wiper motors out. The pin numbers for the switch are on the chart only to show which pin they are connected to at the wiper motor. The other numbers are wiper motor connector pin to pin resistance readings in the two cam positions. The connector pin in the left row to each of the pins in the columns to the right for that row. The cam is either parked (off) or not parked (on). In a static position not parked is anywhere along the cam before it gets back to the parked position. The only changes in resistance found are in red and prior to that those connector pin to pin positions have an open resistance reading.
9. Check your wires carefully and write down where they go.

E = EARTH (Ground)

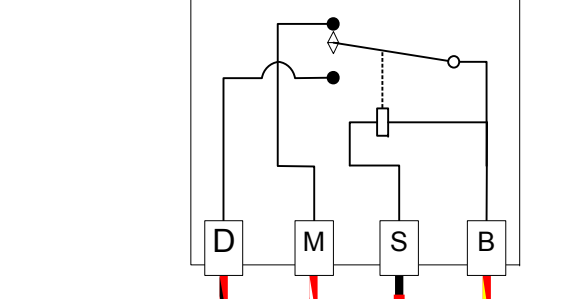
Version 2 Rev 3 13 June 2009 Jim Bain USN Ret.

REVISION:

1. Front Parking Lights & Rear Tail/Stop Lights incorrectly drawn on NISSAN schematic. Resistance measurements indicate a common ground for the light filaments as now shown.
2. Revised Niles Switches and Alternator layouts. Added resistance measurements to fuel sending unit. Added explanation for Wiper motor resistance charts.
3. Removed email address.



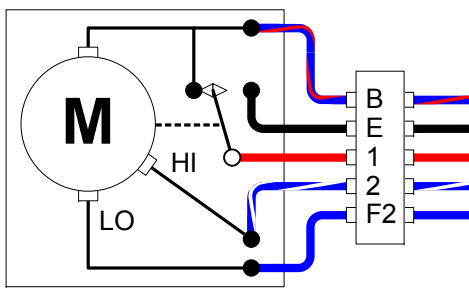
D = LO BEAM
M = HI BEAM
S = SWITCH
B = B+



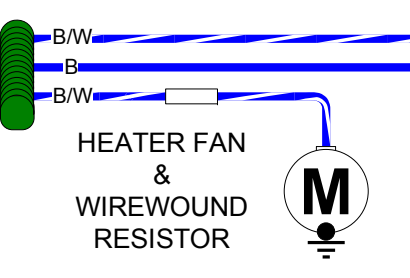
TEMPERATURE SENDING UNIT
OIL PRESSURE SENDING UNIT
STOP LIGHT PRESSURE SWITCH
REVERSE LIGHT SWITCH

Switch	Wiper Motor	B	E	1	2	F2
	Cam Parked					
4	Blue/Red	B	x	OPEN	4.0 OHM	1.7 OHM 5.3 OHM
4	Black	E	OPEN	x	OPEN	OPEN
2	Red	1	4.0 OHM	OPEN	x	4.9 OHM 8.7 OHM
7	Blue/White	2	1.7 OHM	OPEN	5.1 OHM	x 4.8 OHM
6	Blue	F2	5.3 OHM	OPEN	8.7 OHM	4.8 OHM x

Switch	Wiper Motor	B	E	1	2	F2
	Cam Not Parked					
4	Blue/Red	B	x	1.8 OHM	4.0 OHM	1.7 OHM 5.3 OHM
4	Black	E	1.8 OHM	x	5.2 OHM	0.7 OHM 5.3 OHM
2	Red	1	4.0 OHM	5.2 OHM	x	4.9 OHM 8.7 OHM
7	Blue/White	2	1.7 OHM	0.7 OHM	5.1 OHM	x 4.8 OHM
6	Blue	F2	5.3 OHM	5.3 OHM	8.7 OHM	4.8 OHM x



B = B+
E = EARTH
1 = SWITCH
2 = HIGH
F2 = LOW



Switch	Wiper Motor	B	E	1	2	F2
	Cam Parked					
4	Blue/Red	B	x	OPEN	4.0 OHM	1.7 OHM 5.3 OHM
4	Black	E	OPEN	x	OPEN	OPEN
2	Red	1	4.0 OHM	OPEN	x	4.9 OHM 8.7 OHM
7	Blue/White	2	1.7 OHM	OPEN	5.1 OHM	x 4.8 OHM
6	Blue	F2	5.3 OHM	OPEN	8.7 OHM	4.8 OHM x

SIDE RAIL GROUND