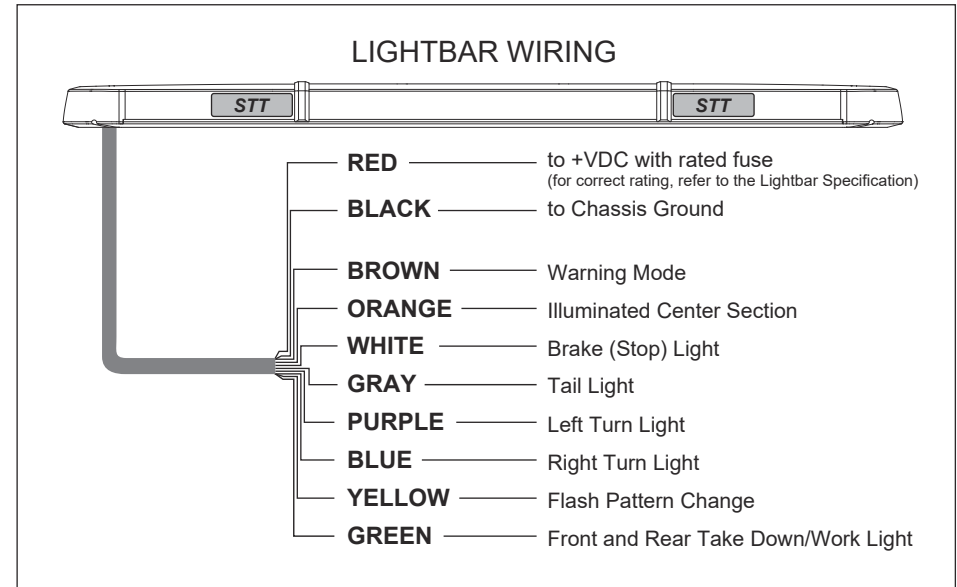


WIRING & FUNCTIONS (S1)

Proper installation of the product requires the installer to have a good understanding of automotive electronics, systems and procedures. Different applications may require different functions. For optimum efficiency, it is highly recommended to determine, configure and test the required functions prior to Installation.



WIRING:

1. Route power cable's red wire to a fused Install a fuse (user-supplied) on the end of power cable's **RED** wire and route that wire to vehicle battery. Connect the **BLACK** wire to the vehicle chassis ground.

NOTE: Follow factory wiring harness through the firewall. It may be necessary to drill a hole in the firewall. Ensure that there is no component that could be damaged from the drilling.

2. Route control wires towards the dash area to a switch panel (user-supplied). Connect the required wires to the switch panel.

NOTE: Make sure that all wires of power cable are securely connected to power source.

⚠ WARNING

- DO NOT USE THE POWER WIRE(S) AS THE LIGHTBAR ACTIVATION SWITCH. USE ONLY THE FUNCTION WIRE(S) TO SWITCH AND ACTIVATE.
- FAULTY CONNECTIONS MAY CAUSE THE LIGHTBAR TO MALFUNCTION AND / OR RESET TO ITS DEFAULT SETTINGS.
- DO NOT USE A HIGH PRESSURE POWER WASHER TO CLEAN YOUR LIGHTBAR; THIS MAY DAMAGE YOUR LIGHTBAR AND VOID ITS WARRANTY.

FUNCTIONS:

WARNING MODE

Activate Warning Mode by applying **+VDC** to **BROWN** wire for warning mode.

NOTE: Default flash pattern FP#1

YELLOW WIRE (Flash Pattern Change / DIM MODE)

There are 3 type of functions for YELLOW wire,

1. Flash Pattern Change only. [DEFAULT function]

To change flash pattern , tap **+VDC** to **YELLOW** wire while in a warning mode,

- Quick once to the next pattern.
- Quick 3 times to reset to default flash pattern.

2. DIM MODE only.

Activate Low Power function by apply **+VDC** to **YELLOW** wire while in a warning mode.

NOTE: flash pattern change function is disabled.

3. Flash Pattern Change & DIM MODE.

To change flash pattern , tap **+VDC** to **YELLOW** wire (<1 second) while in a warning mode,

- Quick once to the next pattern.
- Quick 3 times to reset to default flash pattern.

Activate Low Power function by apply **+VDC** to **YELLOW** wire (>1 second) while in a warning mode.

Programming YELLOW wire function,

- a. Activate warning mode by applying **+VDC** to **BROWN** wire.
- b. Quick 3 times to tap **+VDC** to **GREEN** wire, the lightbar will enter into programming mode.
- c. The **Front Side** of lightheads will show the function by flashing:
 - Single Flash : Flash Pattern Change only. [DEFAULT]
 - Double Flash : DIM MODE only.
 - Triple Flash : Flash Pattern Change & DIM MODE.
- d. Tap **+VDC** to **YELLOW** wire will change to next function.
- e. Save and leave programming mode by disconnecting power.

FLASH PATTERN		
1	Double [2Hz]	All
2	Quad [2Hz]	All
3	Single [2Hz]	All
4	Double (Corners) [2Hz]	All
5	Quad (Corners) [2Hz]	All
6	Single (Corners) [2Hz]	All
7	Random	All
8	Single	All
9	Double	All
10	Quad	All
11	Quint	All
12	Mega	All
13	Ultra	All
14	Cruise (Corners)	All
15	Cruise	All
16	Single-Quad	All
17	Single H/L	All
18	Side-by-Side Single	NA
19	Side-by-Side Ultra	NA
20	Rotator1(fast)	NA
21	Rotator2(slow)	NA
22	Double [2Hz]	Split
23	Quad [2Hz]	Split
24	Single [2Hz]	Split
25	Double (Corners) [2Hz]	Split
26	Quad (Corners) [2Hz]	Split
27	Single (Corners) [2Hz]	Split
28	Random	Split
29	Single	Split
30	Double	Split
31	Quad	Split
32	Quint	Split
33	Mega	Split
34	Ultra	Split
35	Single-Quad	Split
36	Single H/L	Split

ILLUMINATED CENTER SECTION

Activate Illuminated Center Section (ICS Lights) by applying **+VDC** to **ORANGE** wire.

FRONT AND REAR TAKE DOWN/WORK LIGHT

Activate Front and Rear Take Down/Work Light by applying **+VDC** to **GREEN** wire.

BRAKE (STOP) / TAIL / TURN INDICATOR LIGHTHEAD

Activate rear facing Break (stop) / Tail / Turn Indicator Lighthead by applying **+VDC** to

- **WHITE** wire for Brake (Stop) Lightheads.
- **GRAY** wire for Tail Lightheads.
- **PURPLE** wire for Left Turn Signal Lighthead.
- **BLUE** wire for Right Turn Signal Lighthead.

CAUTION: The Brake (stop) / Tail / Turn Indicator Lighthead(s) in the lightbar can only be used as an auxiliary Brake (stop) / Tail / Turn Indicator lamp(s) and must not used to replace the original Brake (stop) / Tail / Turn Indicator lamp(s) of the vehicle.