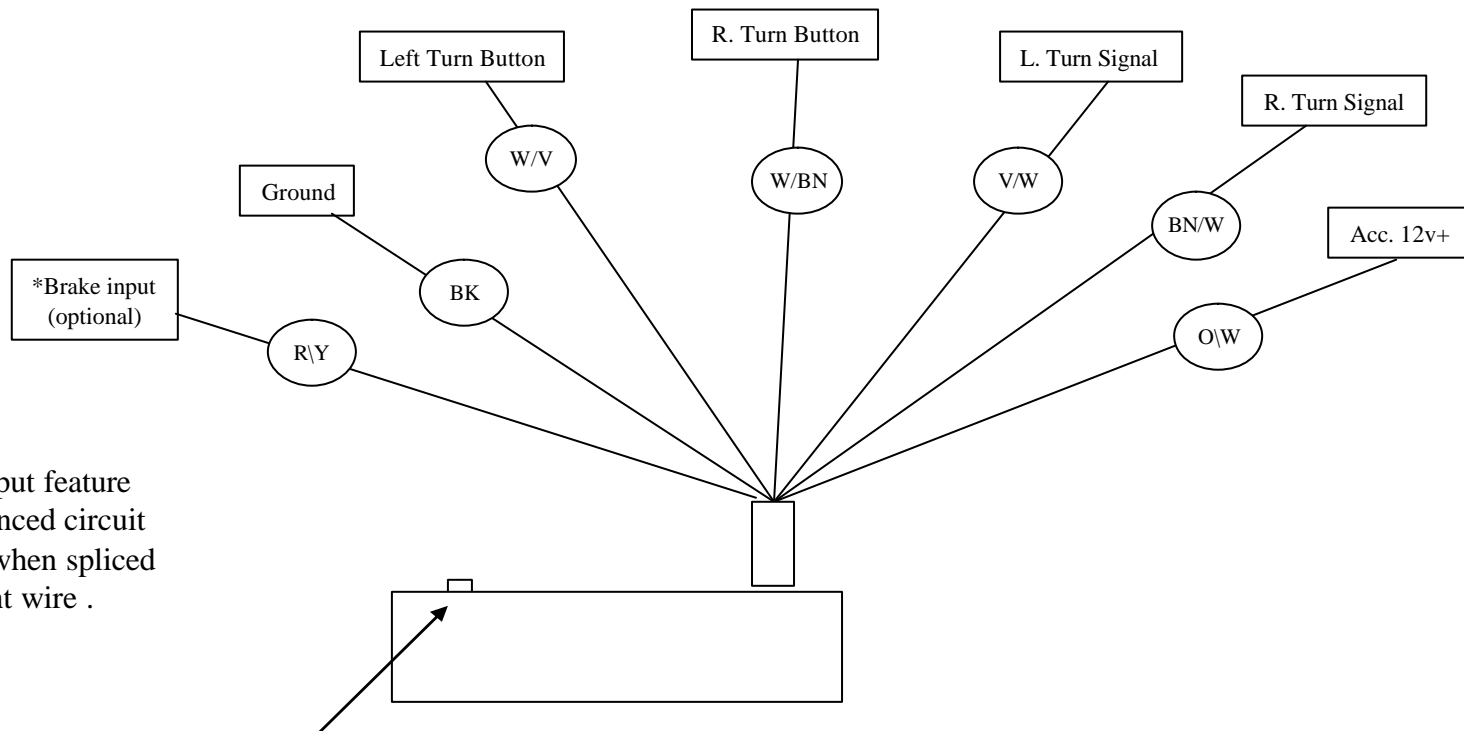
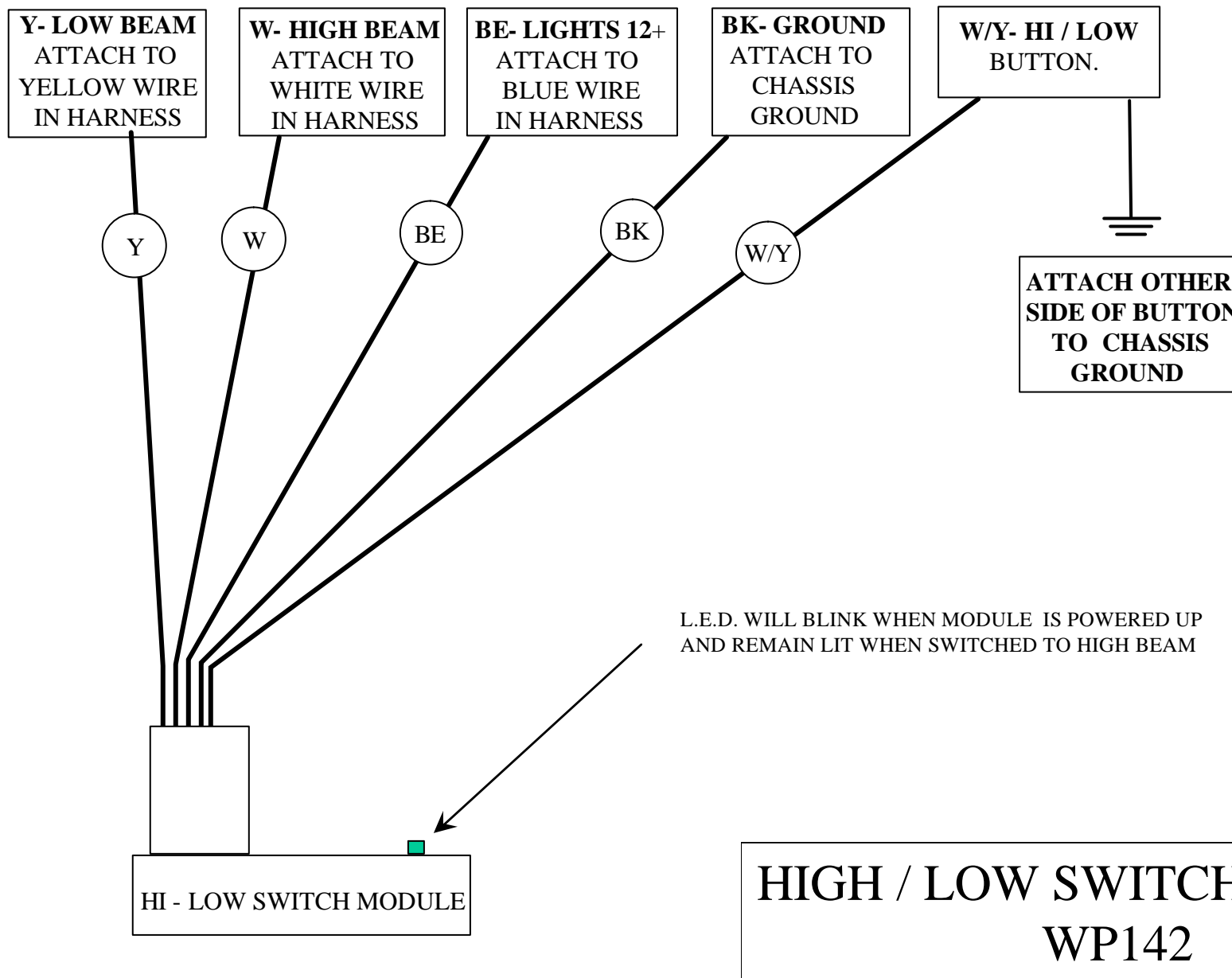


WP141 AUTO-CANCEL TURN SIGNAL MODULE INSTALLATION INSTRUCTIONS



*The brake input feature provides enhanced circuit functionality when spliced into brake light wire .

Green LED will illuminate momentarily when ignition switch is turned on. LED will illuminate when turn signal buttons are pushed and also when brake light is activated.



ALL CONNECTIONS WILL BE MADE IN THE LEFT HANDLEBAR HARNESS BUNDLE

Take great care when connecting this module to your harness. Any deviation from the connections described in this schematic may result in module failure and void your warranty! Technical assistance is available from Wire Plus by calling 620-221-2417

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AUTOCANCEL STYLE HARNESSES. Basic schematic see other side

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Right directional lamp

Right turn switch

Left turn switch

Left directional lamp

Indicator Wires
BN/W Right Turn
V/W Left Turn

If using dual filament bulbs:
Connect to BE wire in harness for optional front running lights

MAIN HARNESS

Auto Cancel Bundle

Front: harness bundle

BK To chassis ground

WP143

Rear bundle:
BN/R & V/R = running, brake & turns
BE = Power for tag & running lights
R/Y = Power for separate brake light

If dual filament bulbs are used, identify the running light circuit on the light and connect it to the long blue lights power wire from the rear bundle of the LC1 module.

If you are not running a separate tail or brake light do not connect these wires. (BE & R/Y) Insulate if not used!

Tail Light - BE
Brake Light - R/Y

Right rear directional lamp

Left rear directional lamp

Legend:
BK = Black
BE = Blue
R = Red
GN = Green
Y = Yellow
BN = Brown
V = Violet
PK = Pink
GY = Gray
W = White
/ = Striped

Jump to O/W for pre-1996 controls!

H.D. auto cancel only

Seal wires with hot melt heat shrink

IF YOUR HARNESS HAS LONG TAIL & TURN WIRES: (BN/W, V/W, BE, R/Y)
Locate BN/W, V/W and R/Y wires in the tail light bundle and pull a loop in the wires with enough wire to run to the outputs of the lighting control module. Cut the wires (as shown) and connect the wires from the rear tail and turn bundle to the appropriate wires from the lighting control module. Use the supplied heat shrink tubing and seal the ends of the front turn wires in the harness (V/W & BN/W) and R/Y.

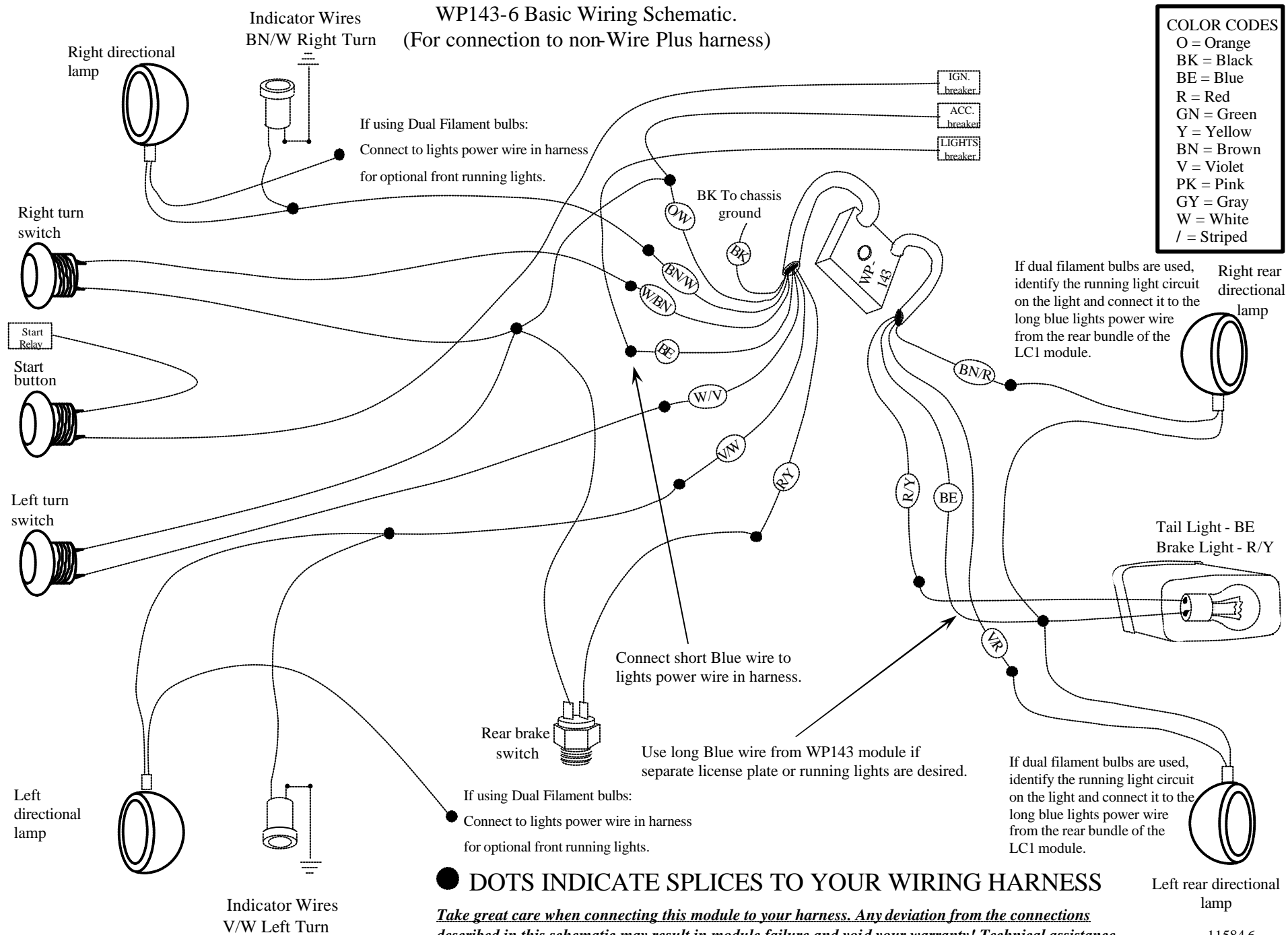
Use long blue wire from WP143 module if separate license plate or 2nd filament running lights are desired. Connect short blue wire to lights power wire in harness.

Your new lighting control module will run your rear turn signals as running, brake and turns all with a one wire hookup. (BN/R for right side & V/R for left side) If you are running dual filament incandescent bulbs you could connect the two wires together resulting in a cleaner install. We do not recommend that you do this with any dual circuit Halogen, Halide or LED lights due to the internal circuitry used to make these lights brighter. If you do have dual circuit lights it is recommended to connect the running light circuit to the BE tail light wire and connect the BN/R & V/R to the turn circuit.

11583-6

WP143-6 Basic Wiring Schematic. (For connection to non-Wire Plus harness)

COLOR CODES	
O	= Orange
BK	= Black
BE	= Blue
R	= Red
GN	= Green
Y	= Yellow
BN	= Brown
V	= Violet
PK	= Pink
GY	= Gray
W	= White
/	= Striped



DOTS INDICATE SPLICES TO YOUR WIRING HARNESS

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Lighting Control Module Configuration

Configuring the module involves:

1. Setting it into configuration mode by holding down both blinker switches while applying power to the module. The module will enter configuration mode and indicate 'Setting 1', by flashing the 'Setting 1' indicator lights shown in the table below. (FL, FR, BL, BR, BK)
2. Stepping to the desired setting by pushing the right blinker switch. The module will indicate the setting selected by flashing the indicator lights shown in the table. If you go past a setting, you can simply sequence back to the setting by continuing to press the right blinker button past setting 8.
3. When a setting is selected, the left blinker switch is used to toggle it to the 'On' or 'Off' state. An 'on state' is indicated by flashing the indicator lights fast, and an 'Off state', is indicated by flashing the indicators slow.

Note: The module's configuration routine uses all four blinkers and the brake light to indicate what setting is selected. This could be a problem if all lights are not used. To address this, the module flashes the diagnostic LED with the count that corresponds to the current setting. (Setting 1 = 1 flash, Setting 2 = 2 Flashes, etc.) It flashes fast for 'On' and slow for 'Off', just like the main indicators.

The module has the following configurable settings:

Setting	Description	Factory Default	Indicator Lights
1	DOT Front Blinkers	Off	FL, FR, BL, BR,BK
2	DOT Back Blinkers	Off	FR
3	Use Front Running Lights	Off	FL
4	Bright Running Lights	Off – Dim	FL, FR
5	Back Blinkers with Brake Outputs	ON	BR
6	Use Speedometer Input	N/A, BL	N/A
7	Flash Front Blinkers if Brake Light out	OFF	BL, BR
8	Use Brake Strobe (3-DRIVER)	On	BK

FL = Front Left FR = Front Right N/A= Not Available
BL = Back Left BR = Back Right BK = Brake Light

To set the module into configuration mode, both blinker switches must be pushed prior to, and held down while power is applied to the module.

If power to the module is removed during configuration, no change will be made to the previous settings.

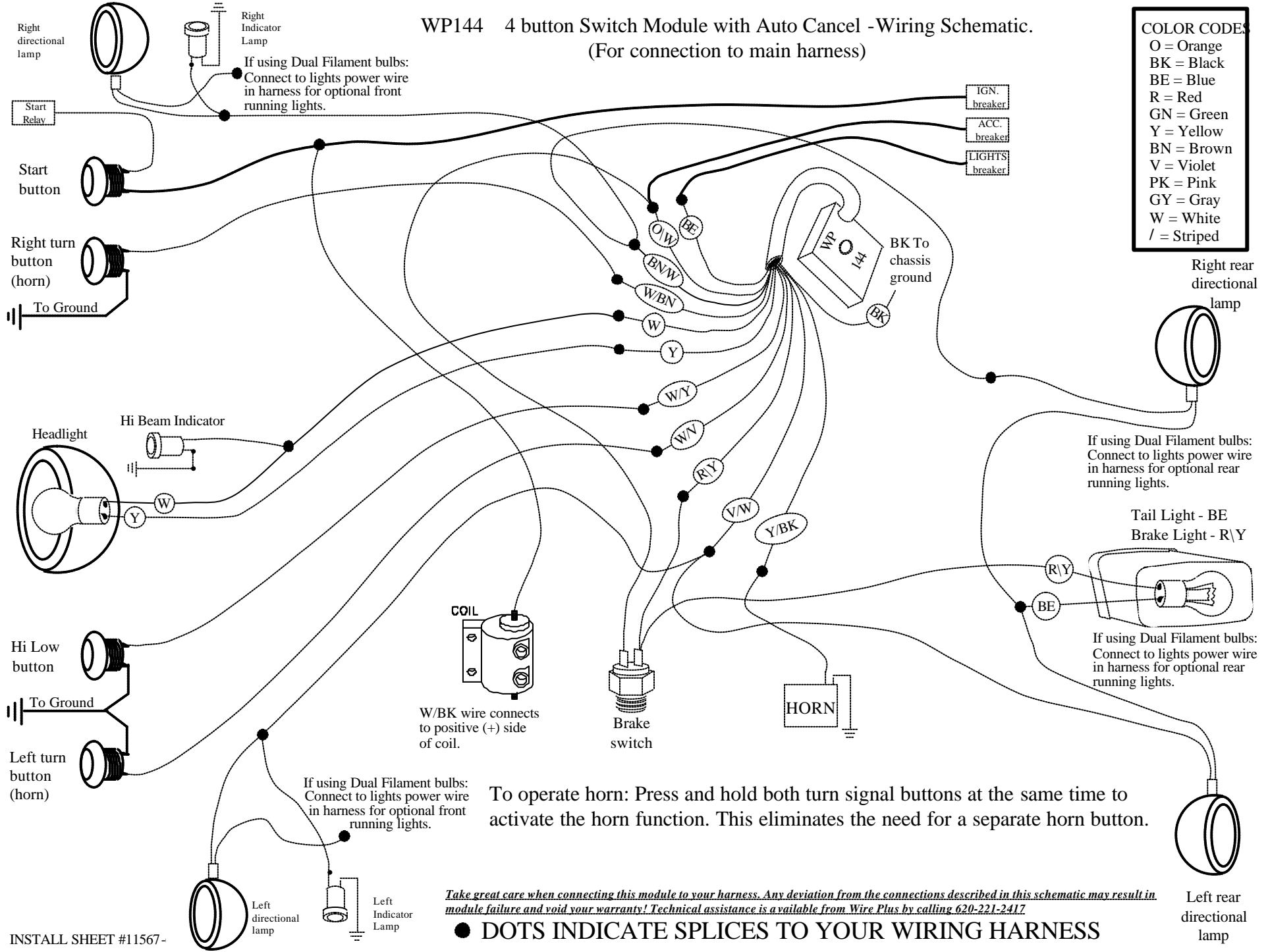
At any time during configuration, the settings can be saved, by pressing both blinker buttons at the same time. The module will save the settings to permanent memory and resume normal operation.

The blinker time-out (approx 10 sec.) does not begin until the brake is released. The back blinkers do not strobe with the brake if either blinker is on.

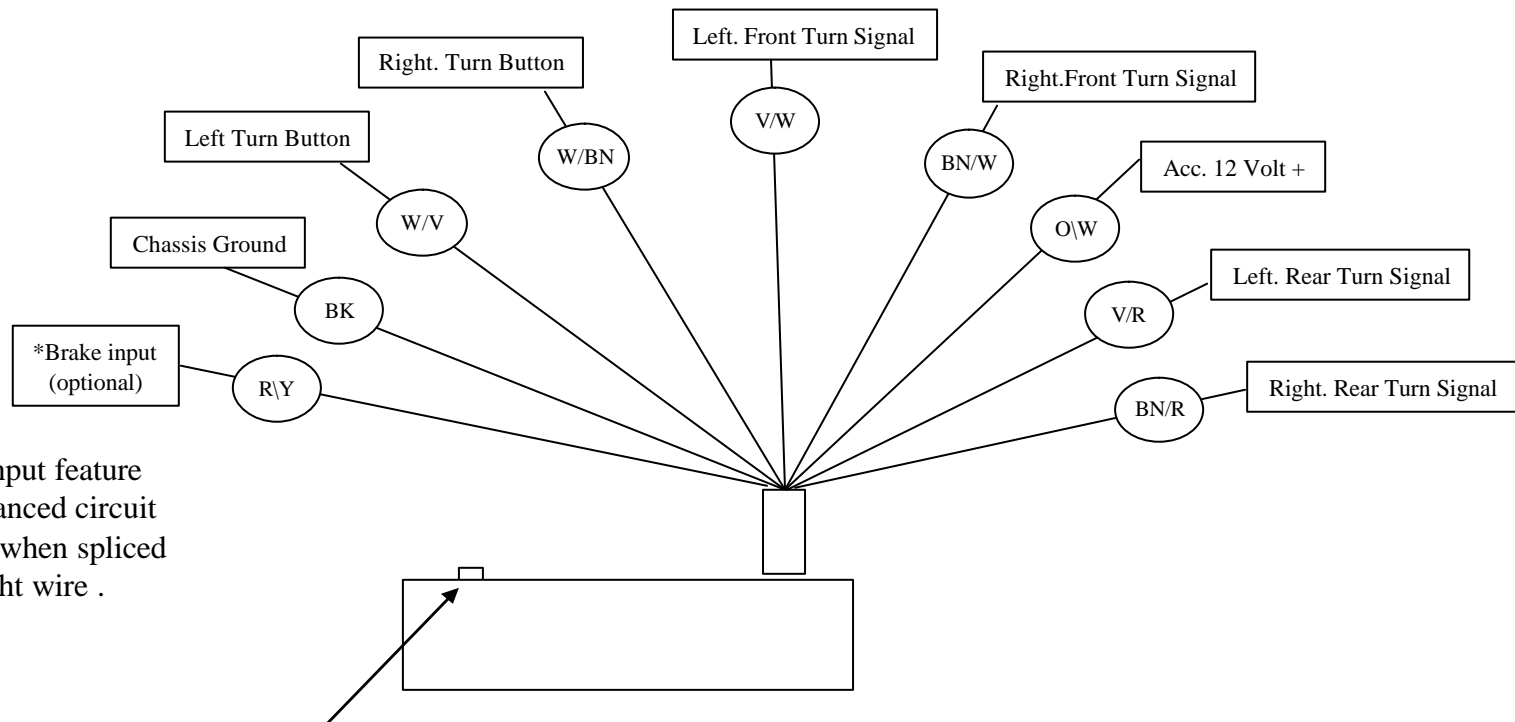
Regardless of all settings, if the brake light is sensed to be out (or is not connected), the module will attempt to use the back blinkers as a brake light, for rider safety.

WP144 4 button Switch Module with Auto Cancel - Wiring Schematic. (For connection to main harness)

COLOR CODES
 O = Orange
 BK = Black
 BE = Blue
 R = Red
 GN = Green
 Y = Yellow
 BN = Brown
 V = Violet
 PK = Pink
 GY = Gray
 W = White
 / = Striped



WP145 DOT COMPLIANT AUTO-CANCEL TURN SIGNAL MODULE INSTALLATION INSTRUCTIONS

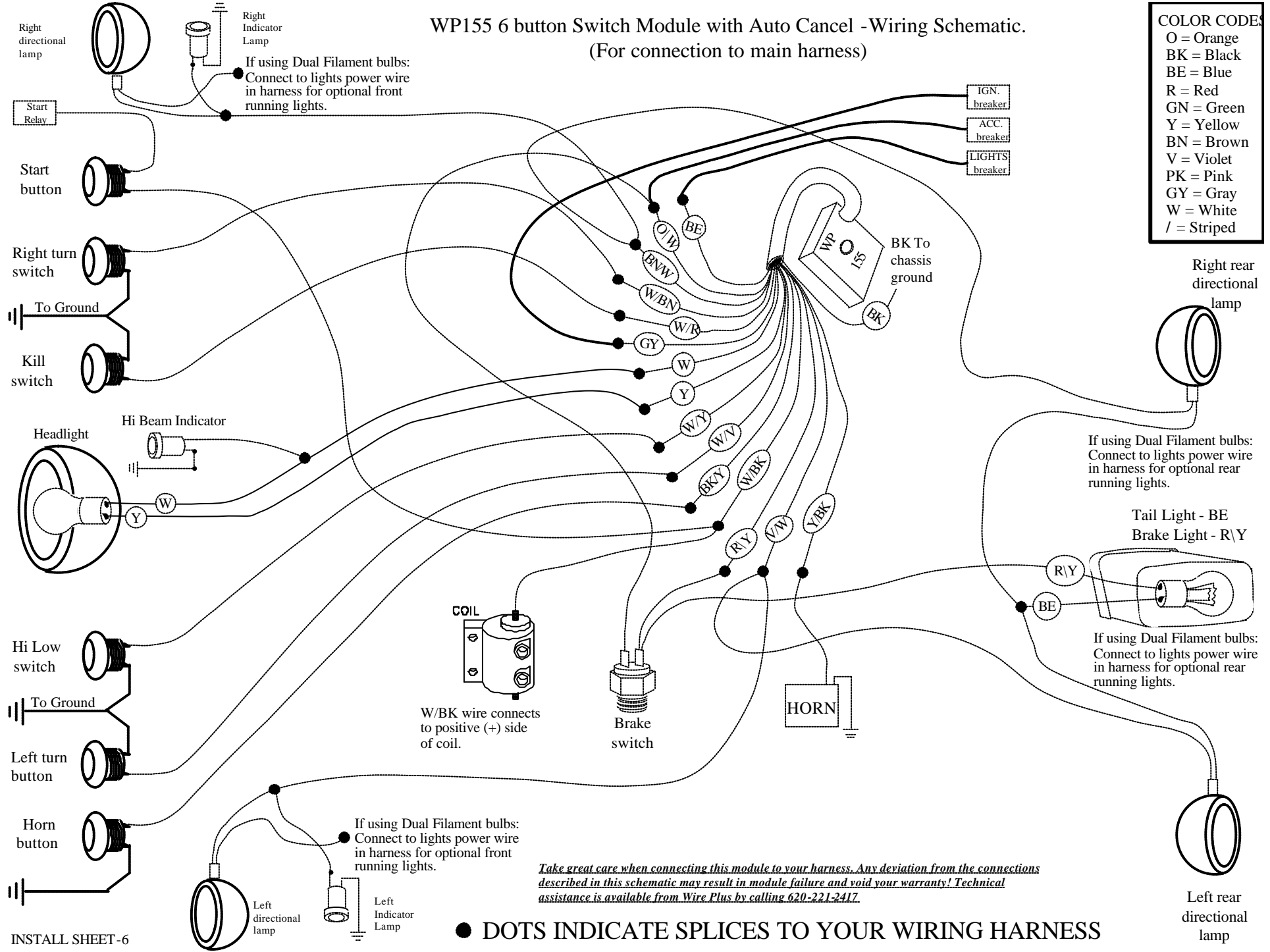


*The brake input feature provides enhanced circuit functionality when spliced into brake light wire .

Green LED will illuminate momentarily when ignition switch is turned on. LED will illuminate when turn signal buttons are pushed and also when brake light is activated.

WP155 6 button Switch Module with Auto Cancel - Wiring Schematic. (For connection to main harness)

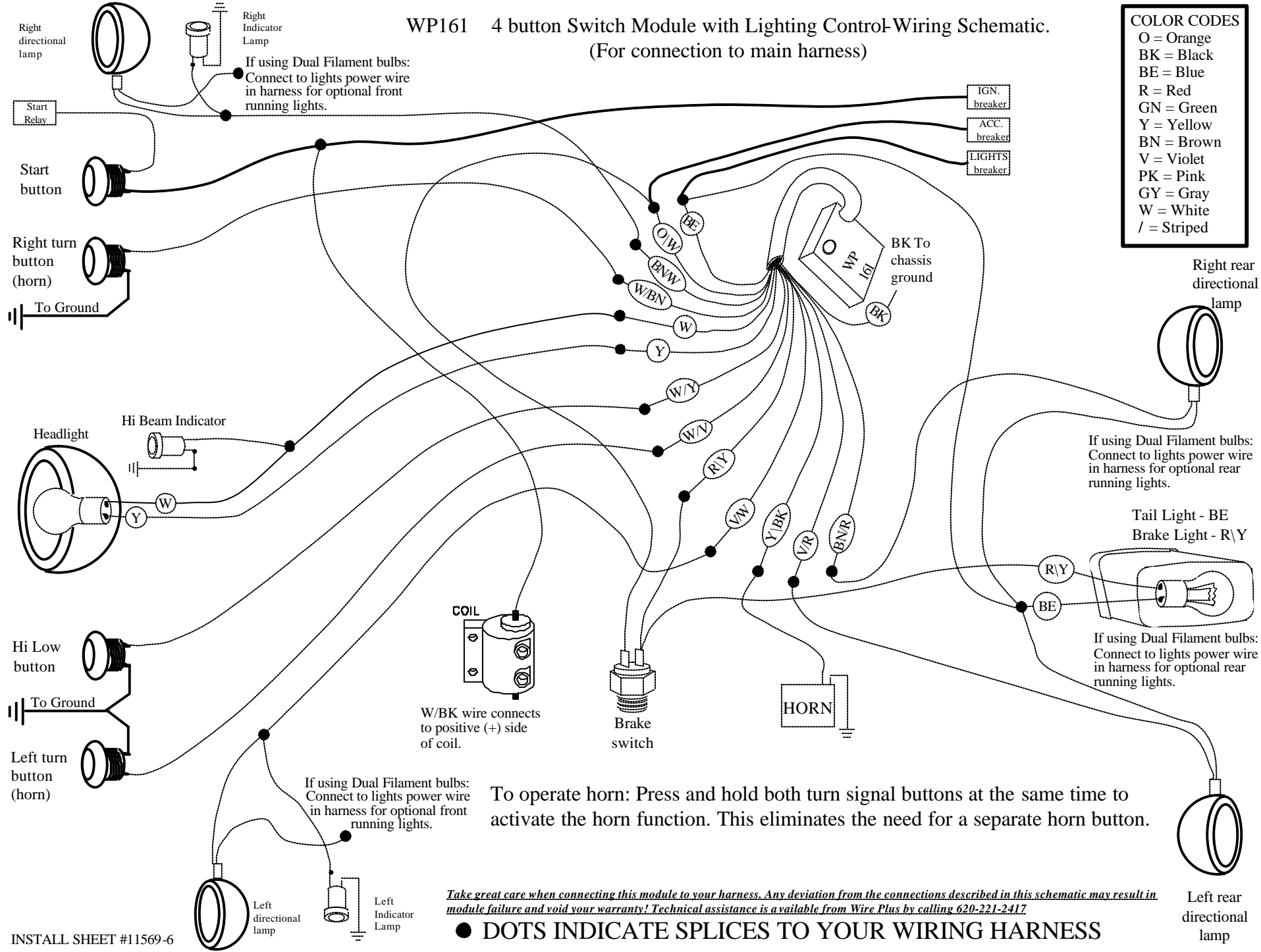
COLOR CODES	
O	= Orange
BK	= Black
BE	= Blue
R	= Red
GN	= Green
Y	= Yellow
BN	= Brown
V	= Violet
PK	= Pink
GY	= Gray
W	= White
/	= Striped



WP161 4 button Switch Module with Lighting Control-Wiring Schematic. (For connection to main harness)

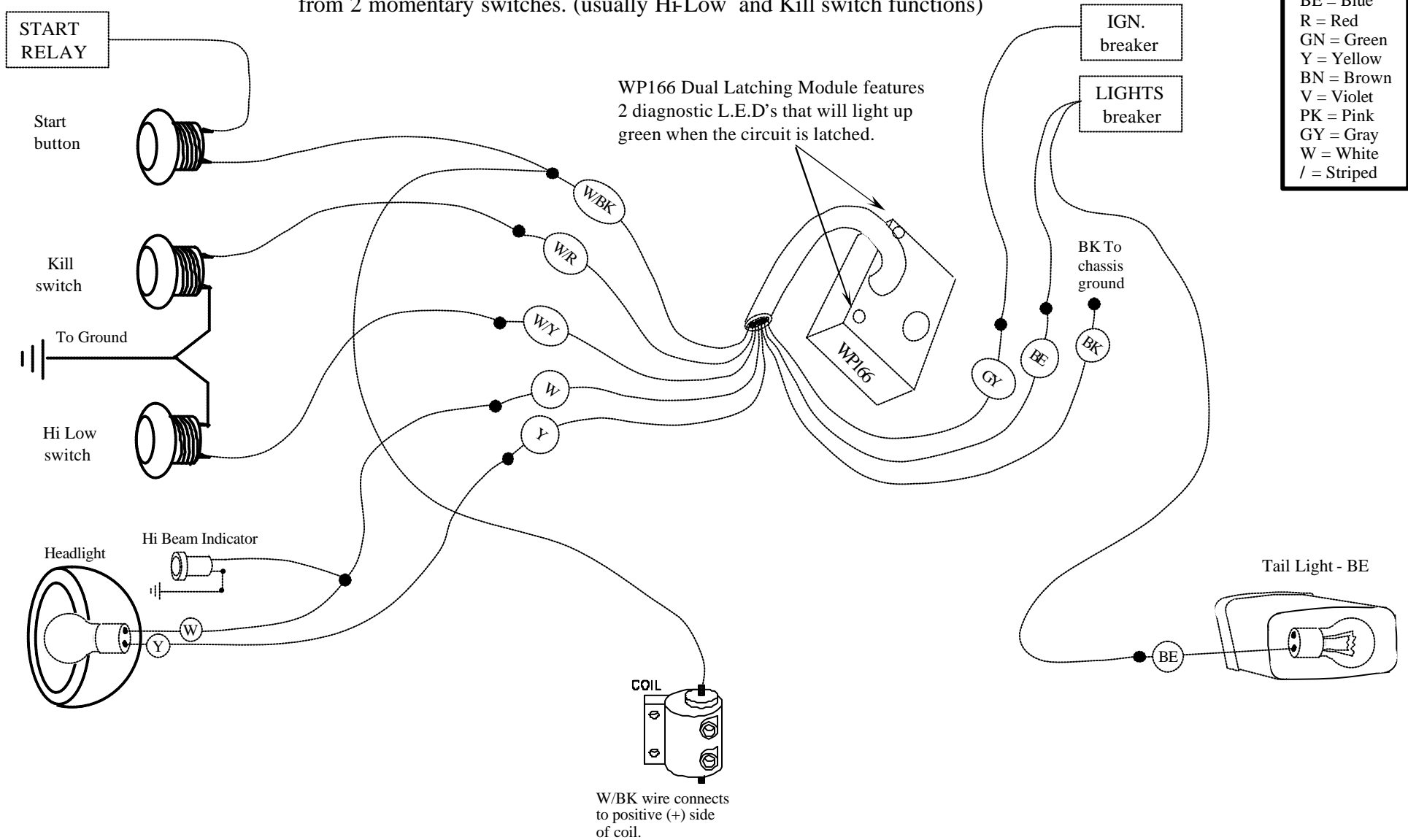
COLOR CODES

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GN = Green
Y = Yellow
BN = Brown
V = Violet
PK = Pink
GY = Gray
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WP166 Dual Latching Module.

This dual latching module is designed to provide 2 latching outputs from 2 momentary switches. (usually Hi-Low and Kill switch functions)



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● DOTS INDICATE SPLICES TO YOUR WIRING HARNESS