



Specialty Wiring and Instructional Guide for:

ON-OFF-ON VJD2-U66B

This guide provides instructions and rocker switch wiring diagrams and information for the Carling VJD2-U66B, ON-OFF-ON Rocker Switch.

Use this guide when you want an ON-OFF-ON rocker switch which supplies power to two different loads. One, when the switch is UP and another when the switch is DOWN.

Use this guide when your rocker switches will be backlit at the top. Wired as shown will make the bottom indicator light illuminate when the switch is in either ON position (UP or DOWN), and will preserve the backlighting functionality of the top light.

This guide is written so that the same input source is applied to both loads, but by removing the jumper wire between terminals 2 and 5 (and providing a separate input to terminal 5), then you could send a separate source to each load. Note, that in this scenario you would want the 12V dc (+) source to go into terminal 5 so that the lighting works correctly.

This information is provided as a convenience for our customers and is believed to be accurate at the time of publication. RockerSwitchPros offers no guarantee the information contained in this instructional workbook is complete or accurate.

Always use caution when working with electrical systems.

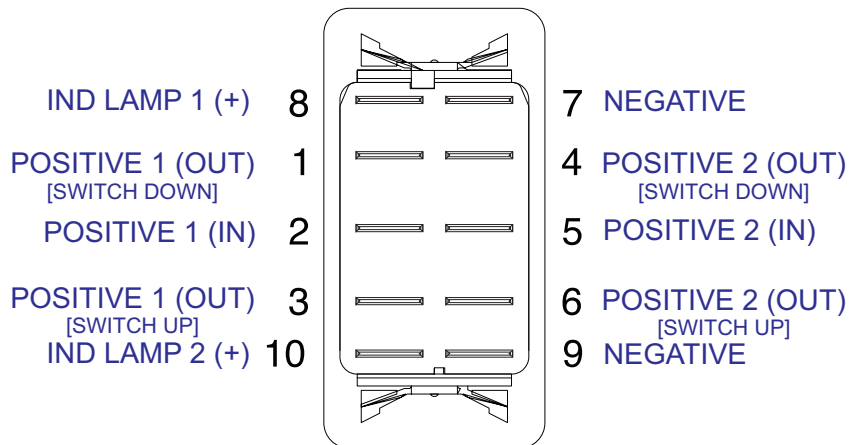
Always disconnect your battery before performing work on your electrical system.

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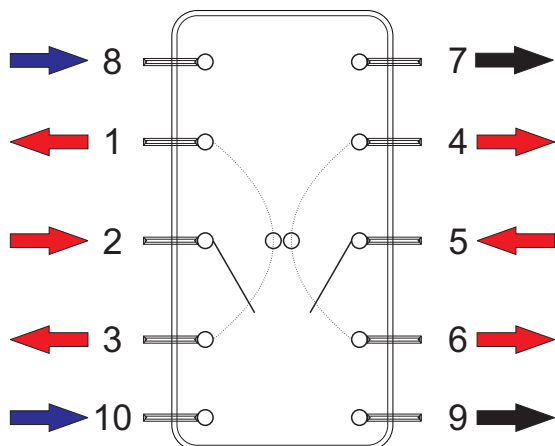
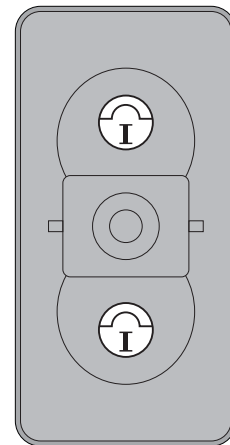
ON-OFF-ON VJD2-U66B



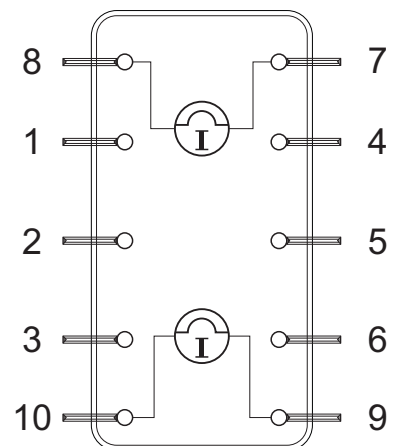
TERMINALS



LAMPS



CIRCUIT DIAGRAM



LAMP DIAGRAM

RockerSwitchPros.com

KEY

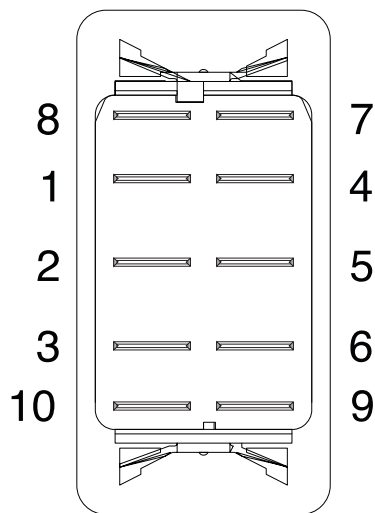
- DEPENDENT INCANDESCENT LAMP (WHITE)
- INDEPENDENT INCANDESCENT LAMP (WHITE)
- DEPENDENT LED LAMP (RED)
- INDEPENDENT LED LAMP (RED)

- LOAD CURRENT IN/OUT
- INDEPENDENT LAMP TRIGGER
- NEGATIVE RETURN CURRENT
- (ON) MOMENTARY CIRCUIT
- MOMENTARY CIRCUIT

ON-OFF-ON VJD2-U66B



WIRING TO SUPPLY (2) LOADS WITH ONE SWITCH
USING THE BOTTOM LAMP AS AN INDICATOR
FOR BOTH UP AND DOWN POSITIONS

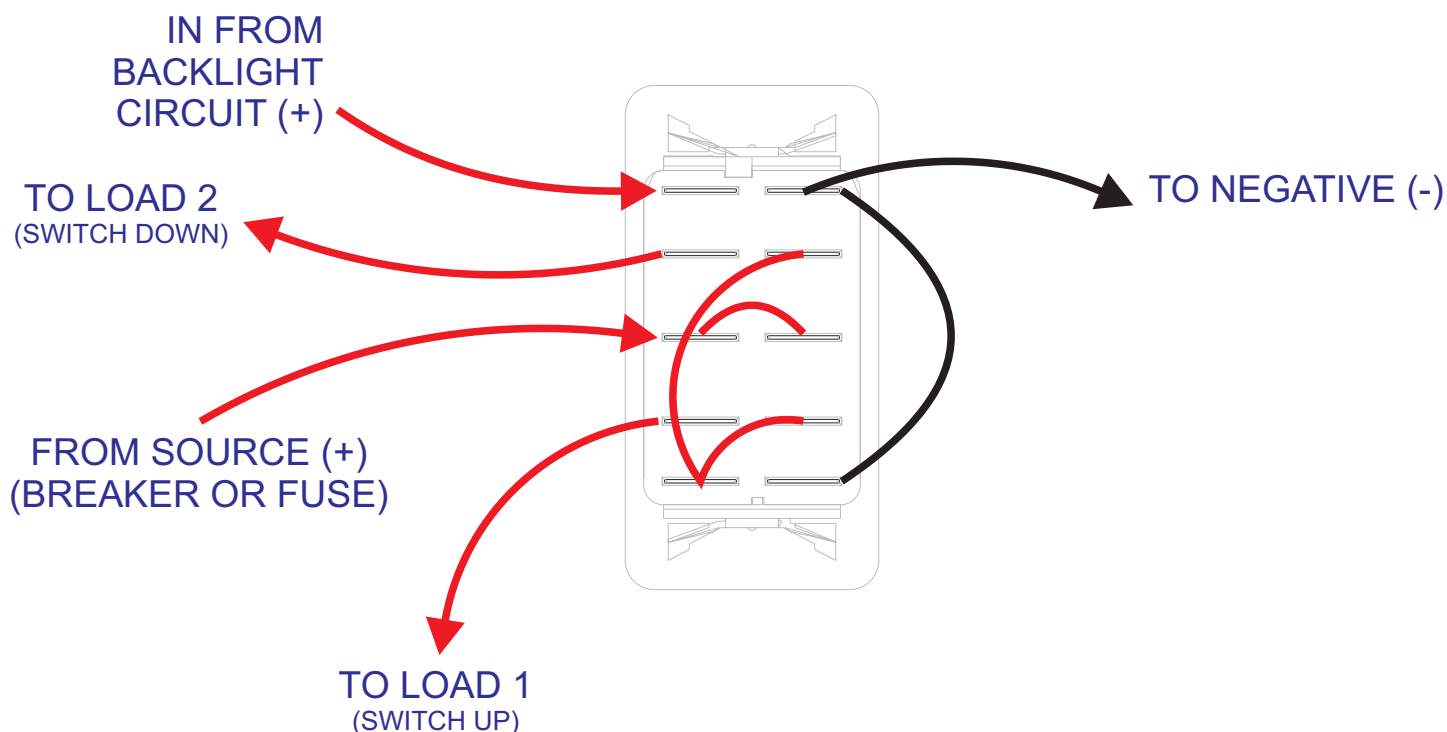


INSTALL JUMPERS BETWEEN:

- 1) 7 - 9 [USED TO GANG NEGATIVES TOGETHER]
- 2) 4 - 10 [PROVIDES INDICATION WHEN SWITCH IS UP]
- 3) 6 - 10 [PROVIDES INDICATION WHEN SWITCH IS DOWN]
- 4) 2 - 5 [PROVIDES POWER TO RIGHT SIDE OF DPDT SWITCH SO INDICATION WORKS]

EXTERNAL INTERFACES:

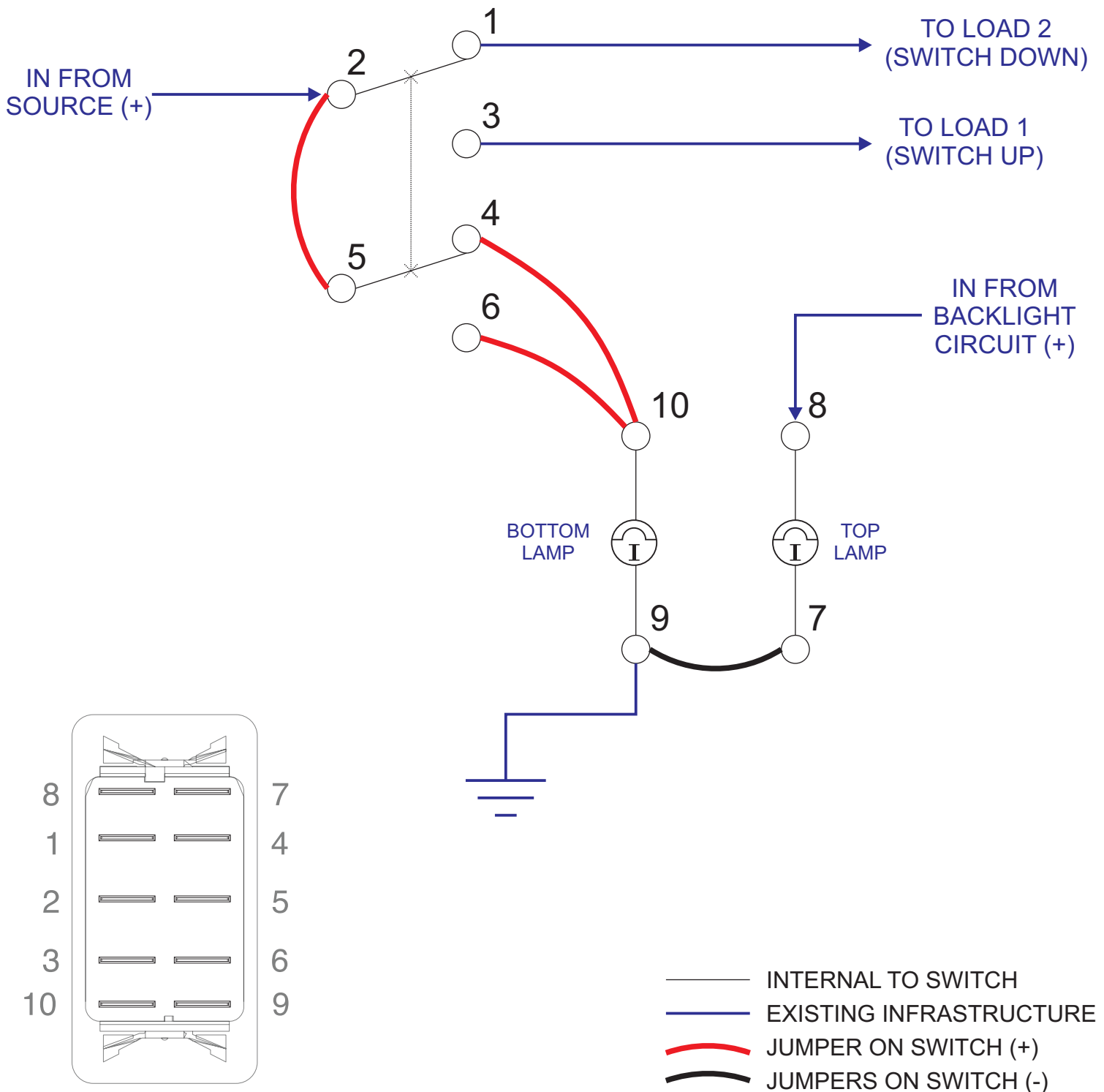
- PIN 8 BACKLIGHT CIRCUIT IN
- PIN 2 POWER IN (GOING TO LOADS)
- PIN 3 LOAD 1 POWER (SWITCH UP)
- PIN 1 LOAD 2 POWER (SWITCH DOWN)



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