



BLUEWATER 5-PIN DEUTSCH CONNECTOR

Marine Harness Wiring Guide



SCAN FOR THE LATEST ONLINE GUIDE

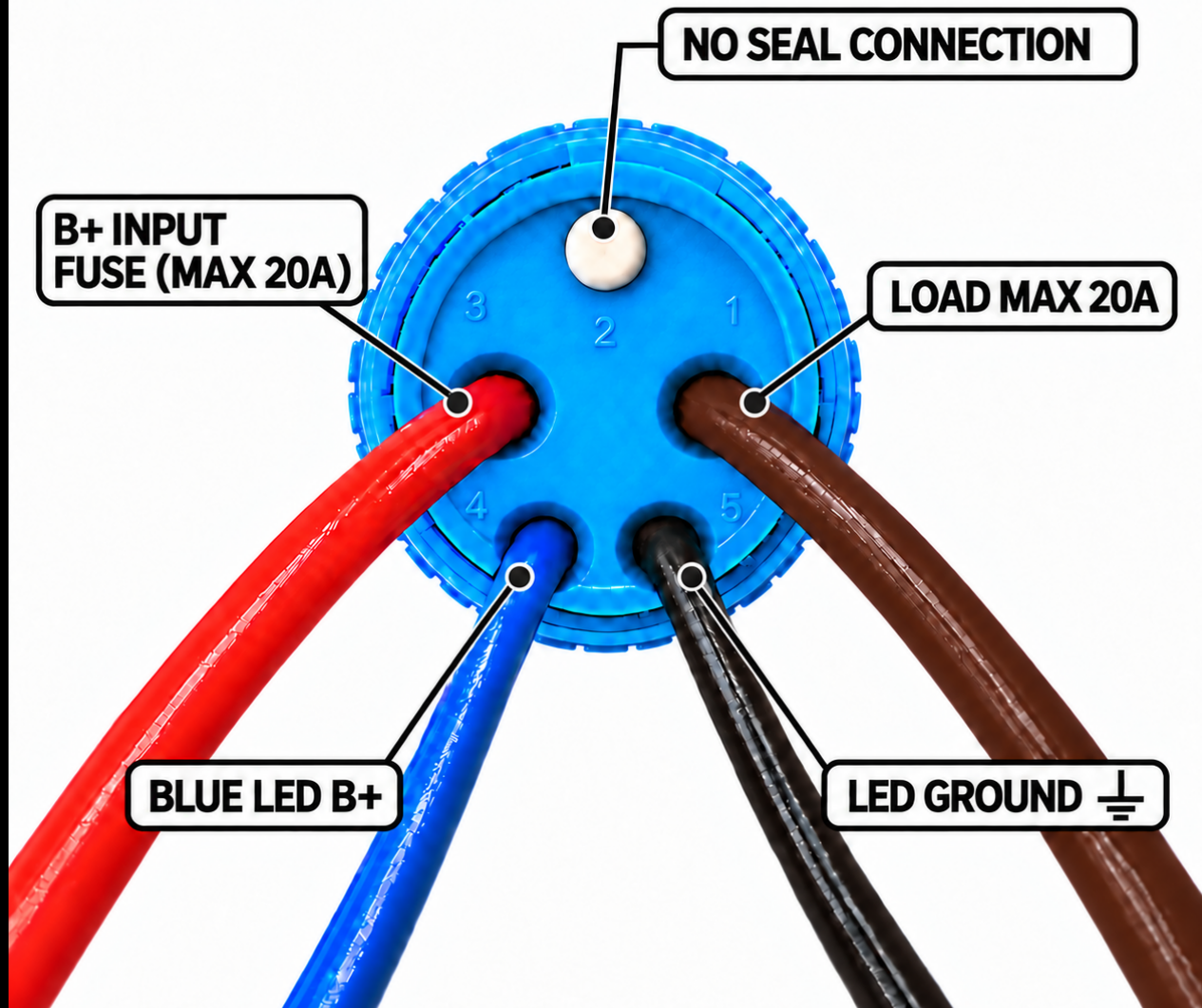
Keep this guide with your panel documentation. Select the diagram that matches the switch function and verify every cavity before applying power.

INSTALLATION NOTE: Disconnect power before servicing. Confirm circuit function, conductor size, and overcurrent protection for the specific vessel and equipment before installation.

Pump Harness

Brown 14 AWG load conductor

BLUEWATER 5-PIN DEUTSCH CONNECTOR ABYC MARINE COLOR CODE — PUMP HARNESS

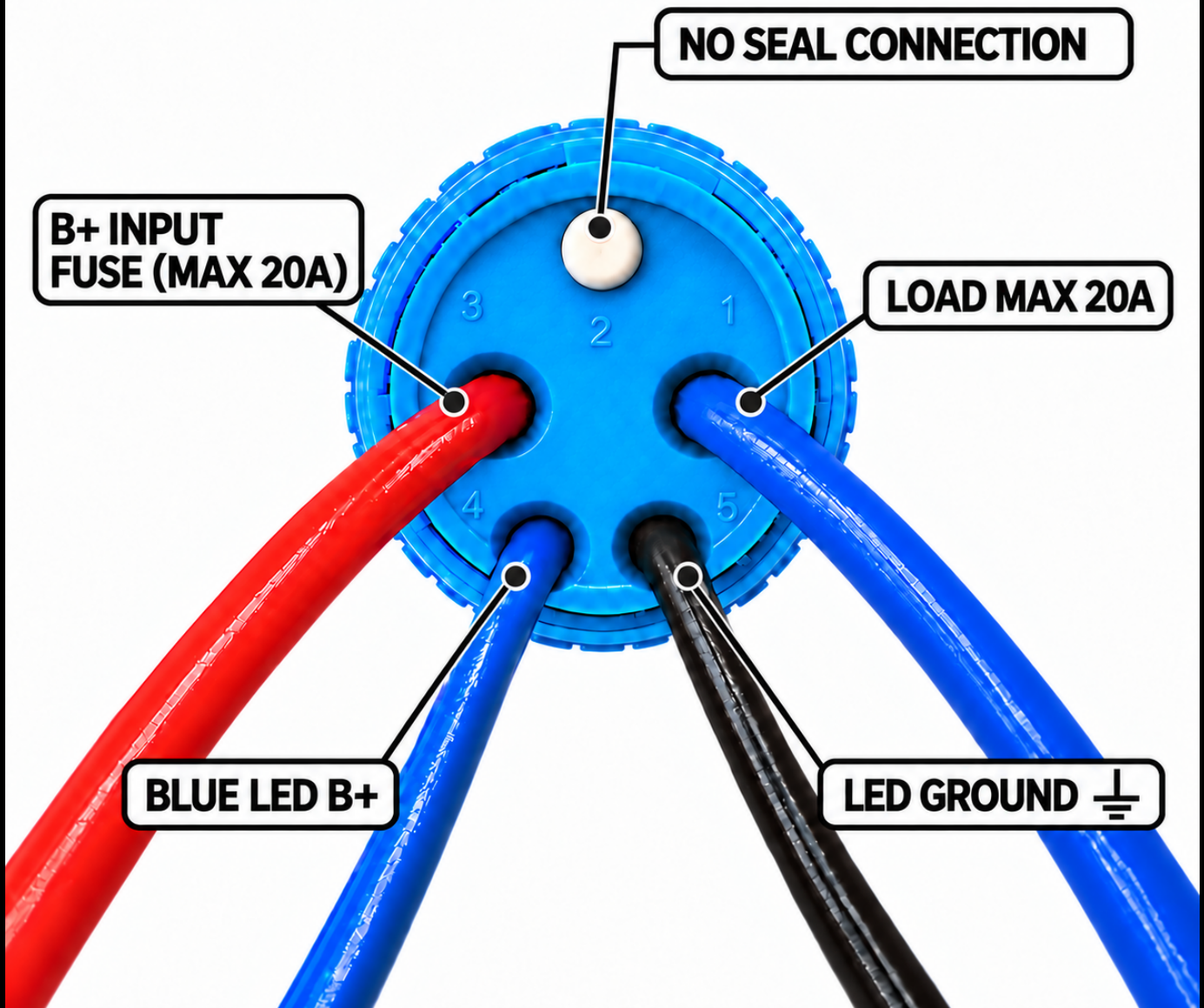


BILGE PUMP INPUT DIODE: For any switch used with a bilge pump, IDIA installs a diode on the red input wire to prevent backfeed from the automatic float-switch circuit.

Use the molded cavity numbers on the Deutsch connector as the position reference. Do not identify cavities by wire direction after the harness has been rotated.

Light Harness
Blue 14 AWG load conductor

BLUEWATER 5-PIN DEUTSCH CONNECTOR
ABYC MARINE COLOR CODE: LIGHT HARNESS



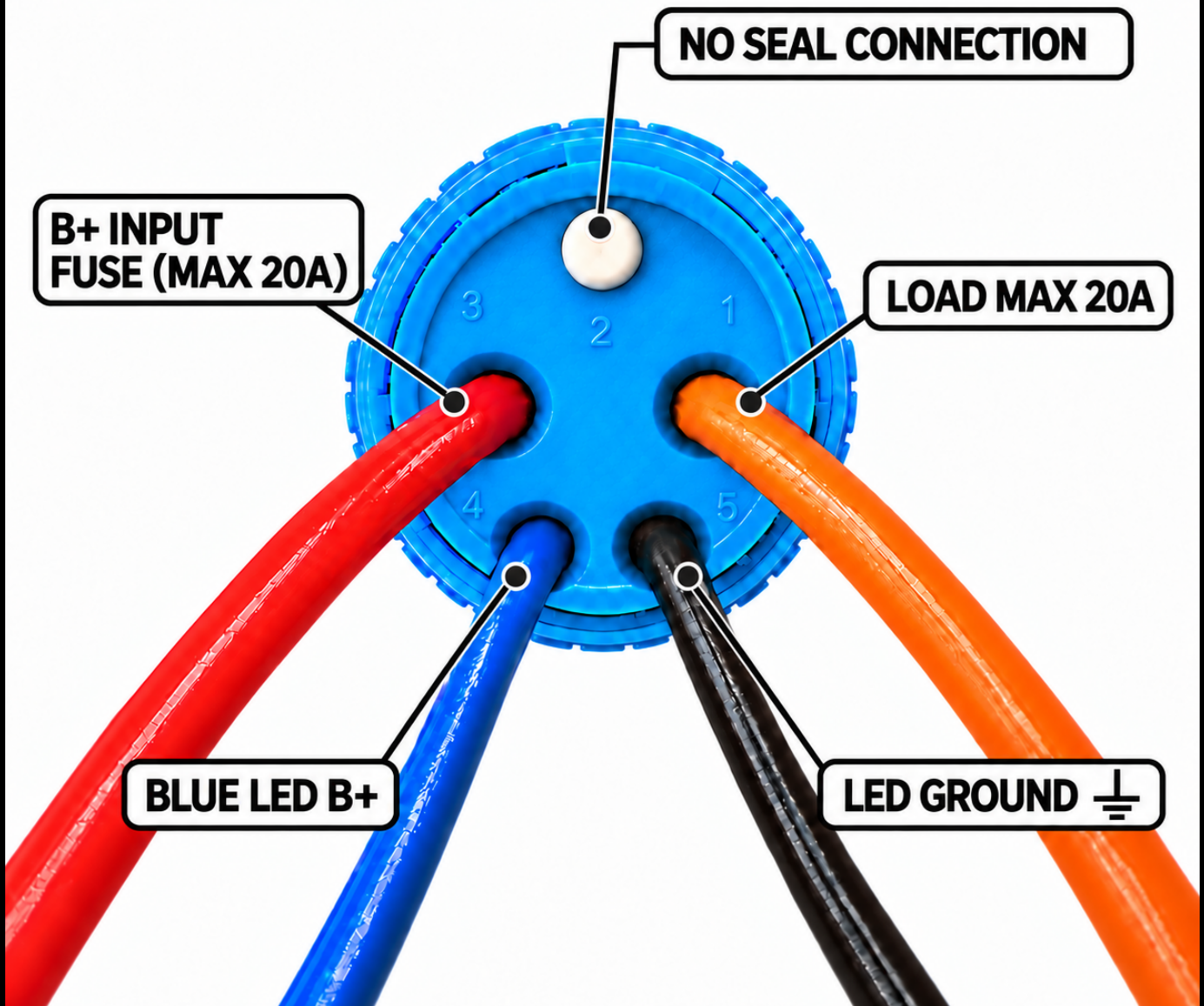
Use the molded cavity numbers on the Deutsch connector as the position reference. Do not identify cavities by wire direction after the harness has been rotated.

Accessory / Horn Harness

Orange 14 AWG accessory load conductor

BLUEWATER 5-PIN DEUTSCH CONNECTOR

ABYC MARINE COLOR CODE: ACC, HORN HARNESS



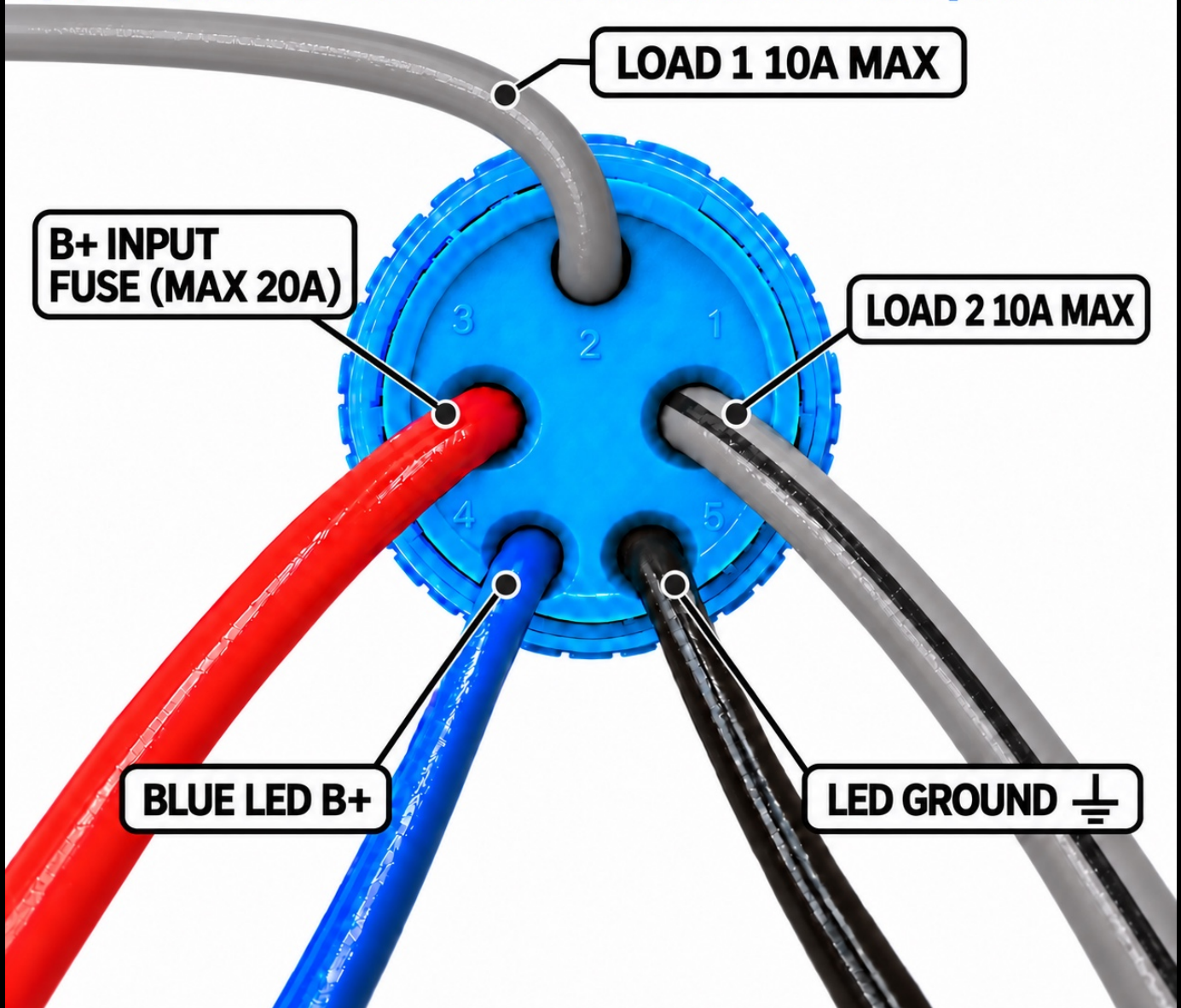
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Navigation / Anchor Lights Harness

Two 14 AWG lighting loads: gray and gray with black tracer

BLUEWATER 5-PIN DEUTSCH CONNECTOR

ABYC MARINE COLOR CODE: NAV/ANC LIGHTS HARNESS



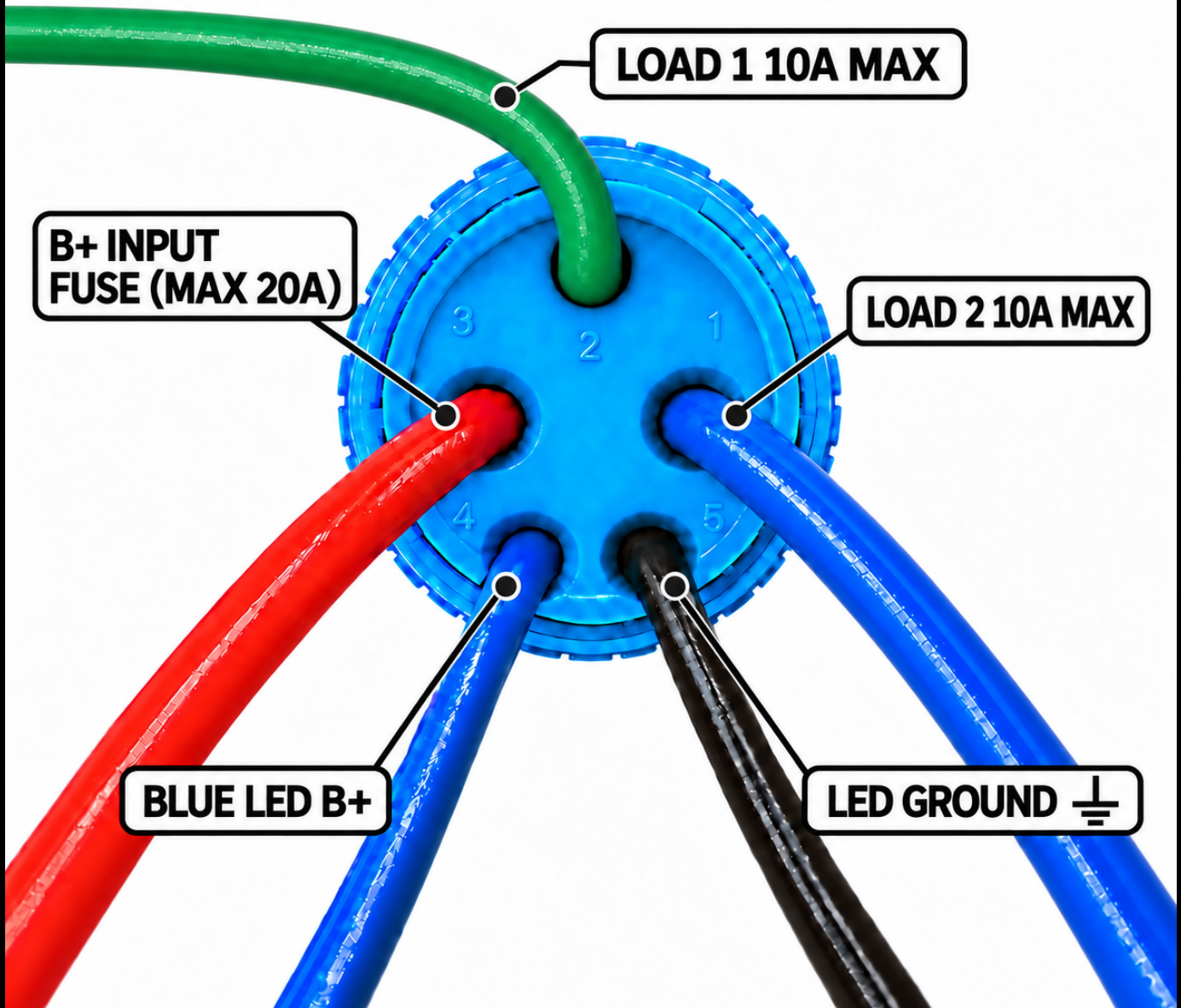
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Double Momentary Switch Harness

Two 14 AWG momentary loads: green Load 1 and blue Load 2

BLUEWATER 5-PIN DEUTSCH CONNECTOR

INDUSTRY / MANUFACTURER CONVENTION: DOUBLE MOMENTARY HARNESS

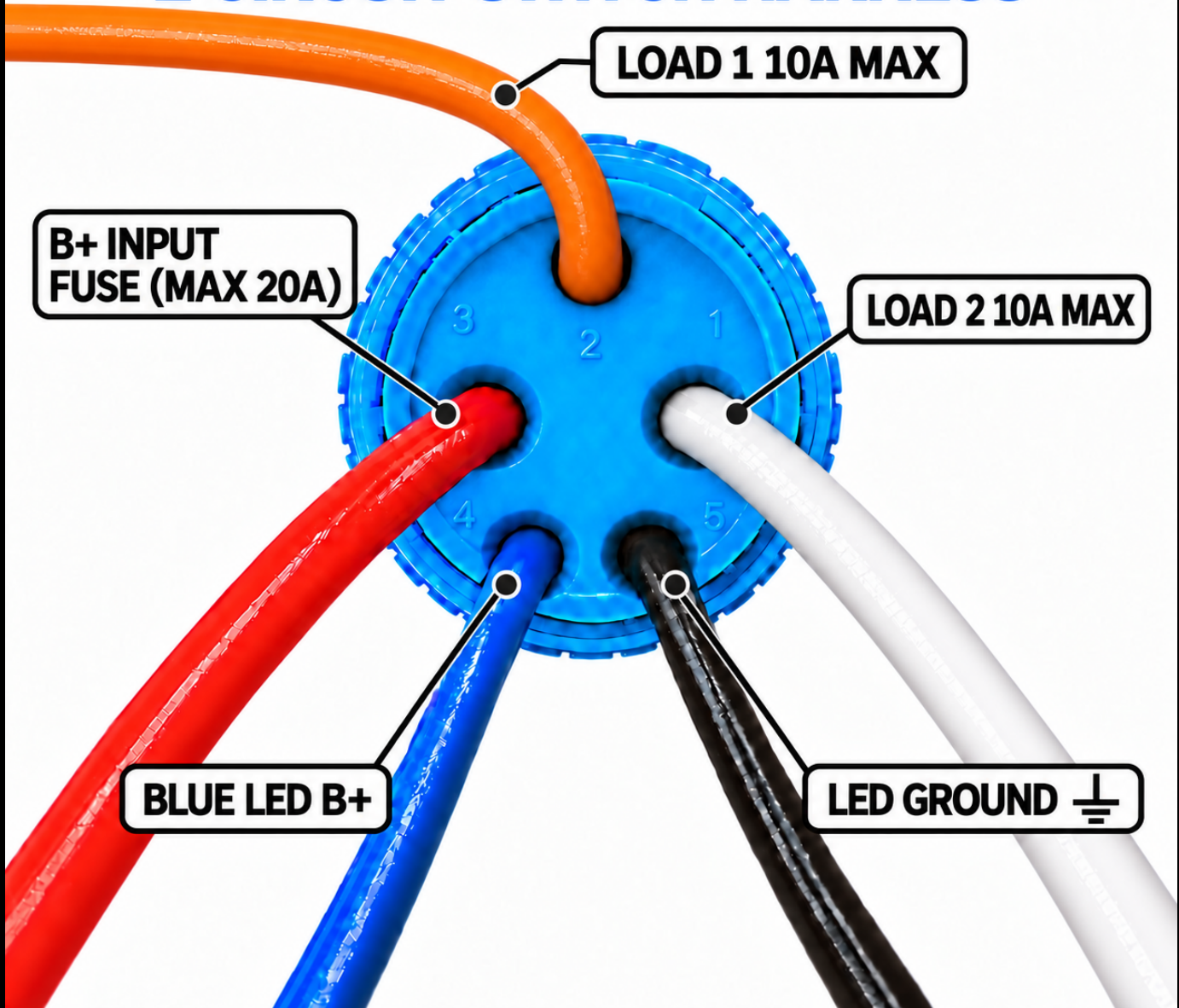


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2 Circuit Switch Harness

Two 14 AWG circuit loads: orange Load 1 and white Load 2

BLUEWATER 5-PIN DEUTSCH CONNECTOR 2 CIRCUIT SWITCH HARNESS



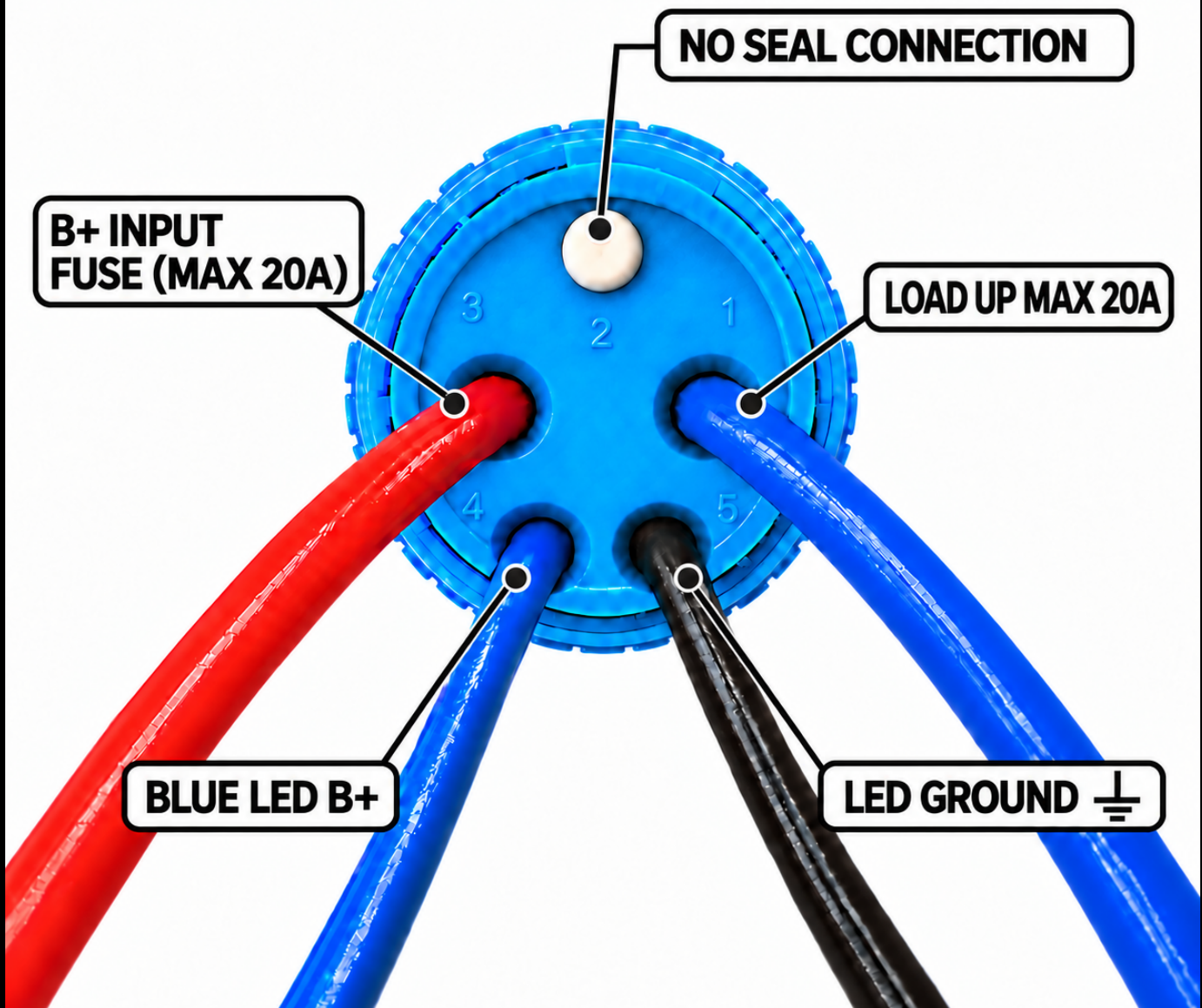
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UP Direction Harness

Industry / manufacturer convention: blue 14 AWG load for UP

BLUEWATER 5-PIN DEUTSCH CONNECTOR

INDUSTRY / MANUFACTURER CONVENTION: UP HARNESS



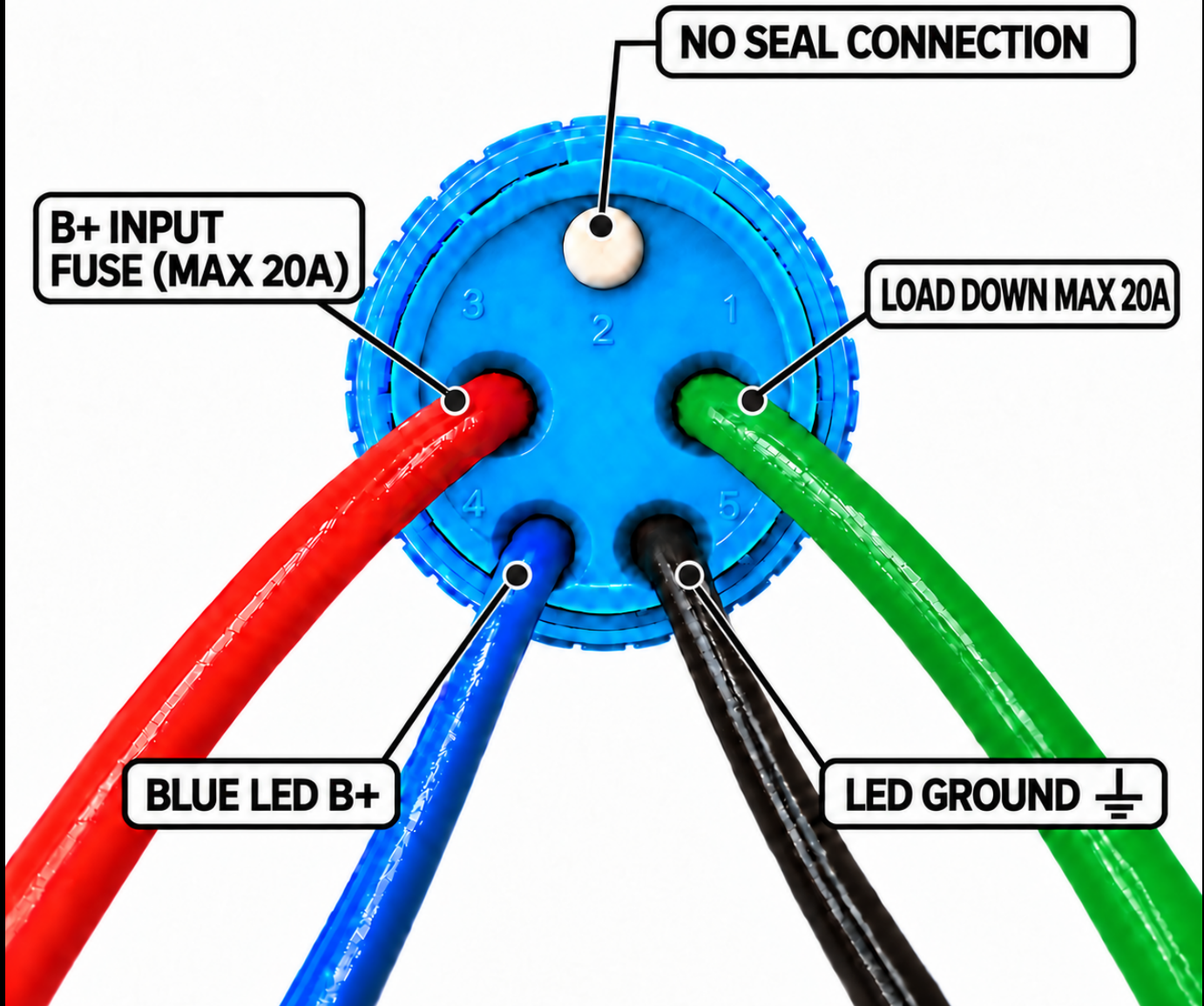
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DOWN Direction Harness

Industry / manufacturer convention: green 14 AWG load for DOWN

BLUEWATER 5-PIN DEUTSCH CONNECTOR

INDUSTRY / MANUFACTURER CONVENTION: DOWN HARNESS



Use the molded cavity numbers on the Deutsch connector as the position reference. Do not identify cavities by wire direction after the harness has been rotated.