

**FENCE POST MOUNTED HOME RUN WIRE JUNCTION BOX:
Installation Instructions**

MODEL #CPLKJB2C TWO CIRCUIT

**STEP #1.
ATTACH WIRE JUNCTION BOX WITH "U" BOLT HARDWARE
TO UPRIGHT FENCE POST AT THE CENTER OF THE LIGHTING RUN
OR AT THE BEGINNING OF WIRE RUN
AS SHOWN ON WIRING INSTRUCTIONS.**

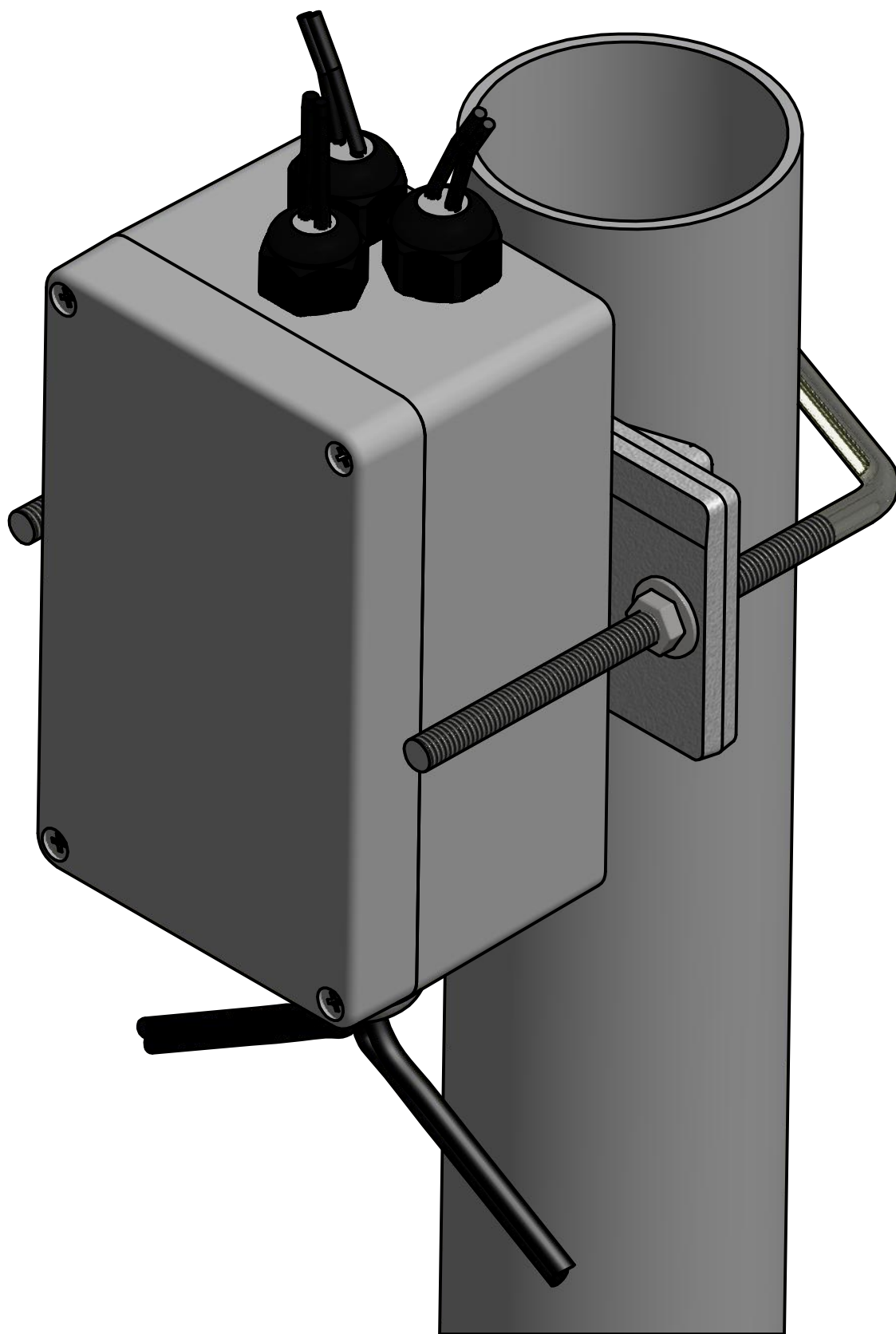


FIG. A

**STEP #2.
BOTTOM CONNECTION. TAKE THE TWO HOME RUN WIRES FROM TRANSFORMER
& DEPENDING ON THE DESIGN SPLIT EACH OF THE #8-2 OR #10-2 HOME RUN WIRES
DOWN THE CENTER THUS FORMING TWO ROUND WIRES FOR EACH CIRCUIT.
EACH CIRCUIT HAS A COMMON & VOLTAGE TAP. THIS JUNCTION BOX IS A TWO-CIRCUIT
JUNCTION. FEED THE FOUR ROUND WIRES THRU THE FOUR-HOLE CABLE GLAND
IN BASE OF JUNCTION BOX & ATTACH ONE CIRCUIT (COMMON & TAP WIRE) TO ONE EACH
IN THE TWO TERMINAL BLOCKS ON THE LEFT SIDE OF JUNCTION BOX. TAKE THE SECOND
CIRCUIT WIRES & ATTACH EACH WIRE (COMMON & TAP) TO ONE EACH OF THE TWO
TERMINAL BLOCKS ON THE RIGHT SIDE OF JUNCTION BOX. MAKE SURE NOT TO PLACE ANY
WIRE INSULATION IN THE JAWS OF THE TERMINAL BLOCKS CONNECTION.
MAKE SURE YOU HAVE NOT CUT ANY WIRE STRANDS.**

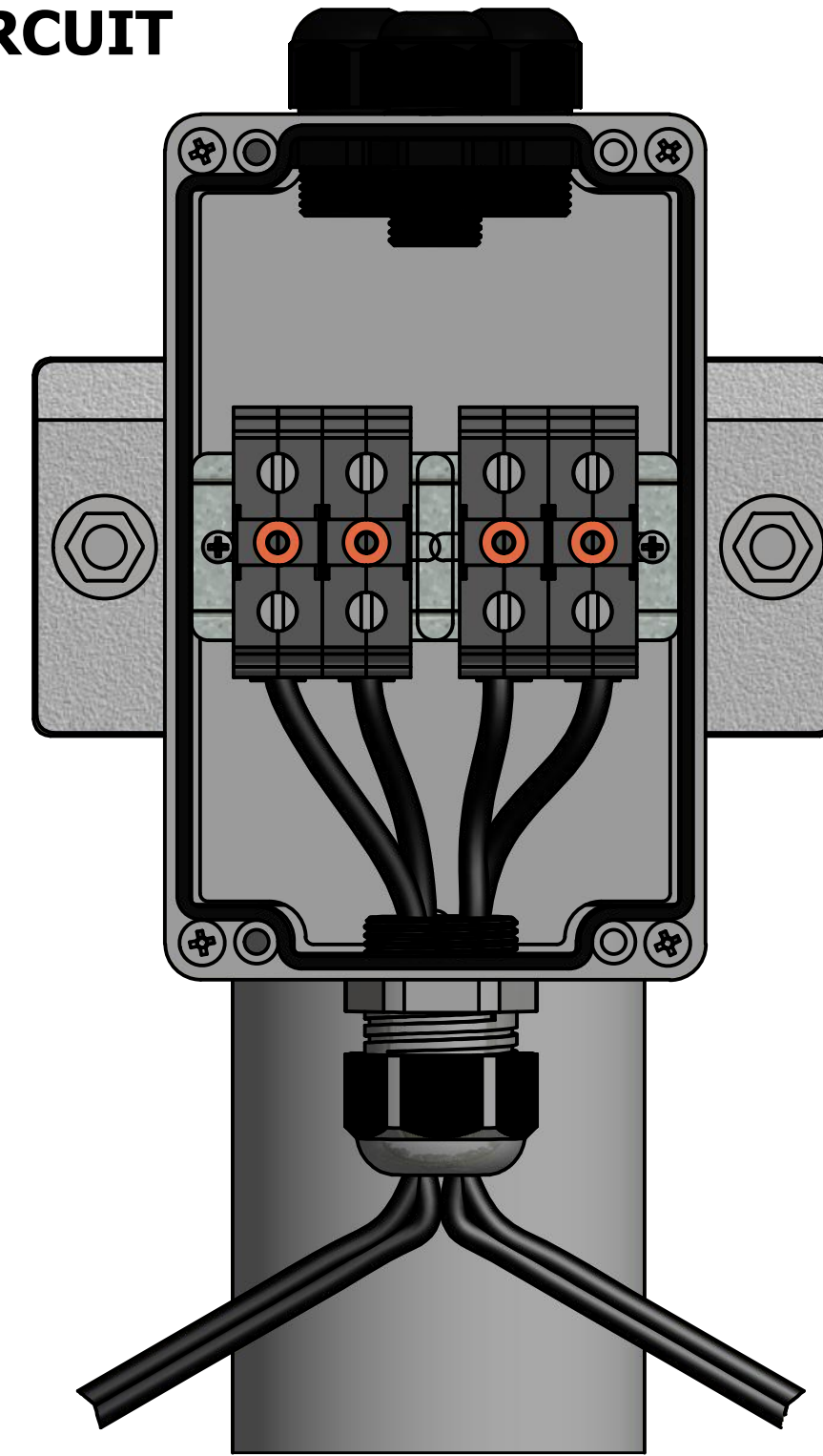


FIG. B

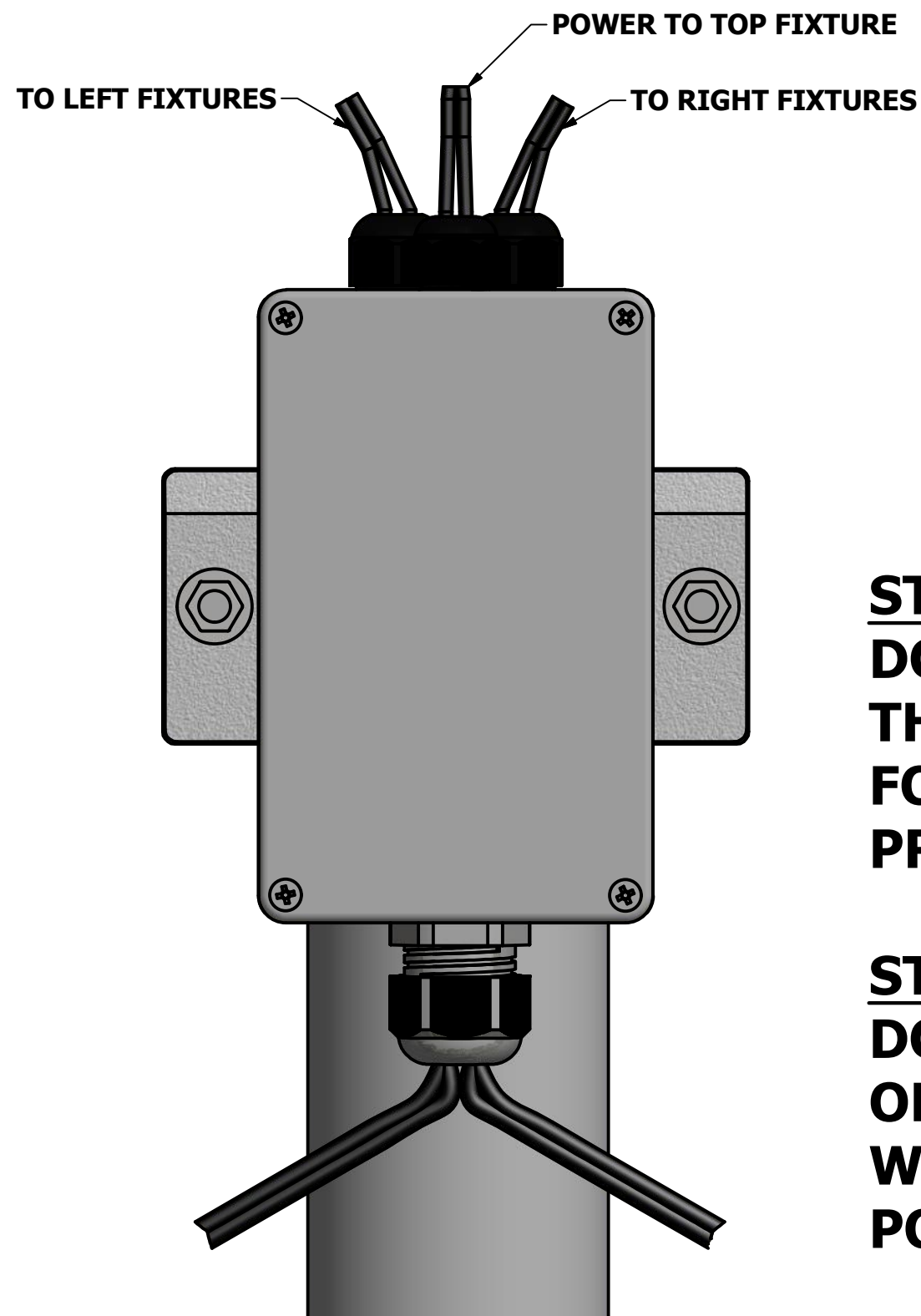


FIG. C

STEP #6.
FINALLY MAKE SURE THERE ARE NO STRAY WIRE STRANDS, INSPECT THE JAWS OF THE TERMINAL BLOCK FOR GOOD BARE WIRE INSERTION INTO THE JAWS OF TERMINAL BLOCK & SCREW DOWN THE WIRE CONNECTION MAKING SURE THE WIRE CONNECTIONS ARE NICE & TIGHT. (USE CORRECT 1/4" FLAT HEAD SCREW DRIVER AS SMALLER FLAT HEAD WILL NOT DELIVER NECESSARY TORQUE & CAN STRIP SCREW HEAD).

STEP #7.
TIGHTEN DOWN ALL FOUR OF THE CABLE GLANDS NUTS TO SECURE WATER TIGHT CONNECTION.

STEP #3.
NOW FOR THE TOP CONNECTION. TAKE THE #10-2 OR # 12-2 WIRE FEEDING THE LIGHTING FIXTURES TO THE LEFT SIDE CIRCUIT #1 & AGAIN SPLIT THE WIRE DOWN THE CENTER FORMING TWO ROUND WIRES. FEED THE TWO WIRES THRU THE TWO-HOLE CABLE GLAND IN THE TOP OF THE JUNCTION BOX & PLACE WIRES, ONE EACH IN THE TWO GREY TERMINAL BLOCKS ON THE LEFT SIDE FOR CIRUCIT #1 COMMON & TAP, MAKEING SURE NOT TO PLACE ANY WIRE INSULATION IN THE JAWS OF THE TERMINAL BLOCK CONNECTION. MAKE SURE YOU HAVE NOT CUT ANY WIRE STRANDS.

STEP #4.
DO THE SAME FOR THE #10-2 OR #12-2 WIRE FEEDING THE LIGHTING FIXTURES FOR CIRCUIT #2 FOR THE RIGHT SIDE FIXTURES & INSERT THE #16-2 WIRE PROVIDED IN TERMINAL BLOCKS.

STEP #5.
DO THE SAME CONNECTION INTO EACH OF THE TERMINAL BLOCKS FOR CIRCUIT #2. This #16-2 WIRE WILL PRIVIDE POWER TO THE FIXTURE MOUNTED ATOP THE SAME POST AS THE WIRE JUNCTION BOX.

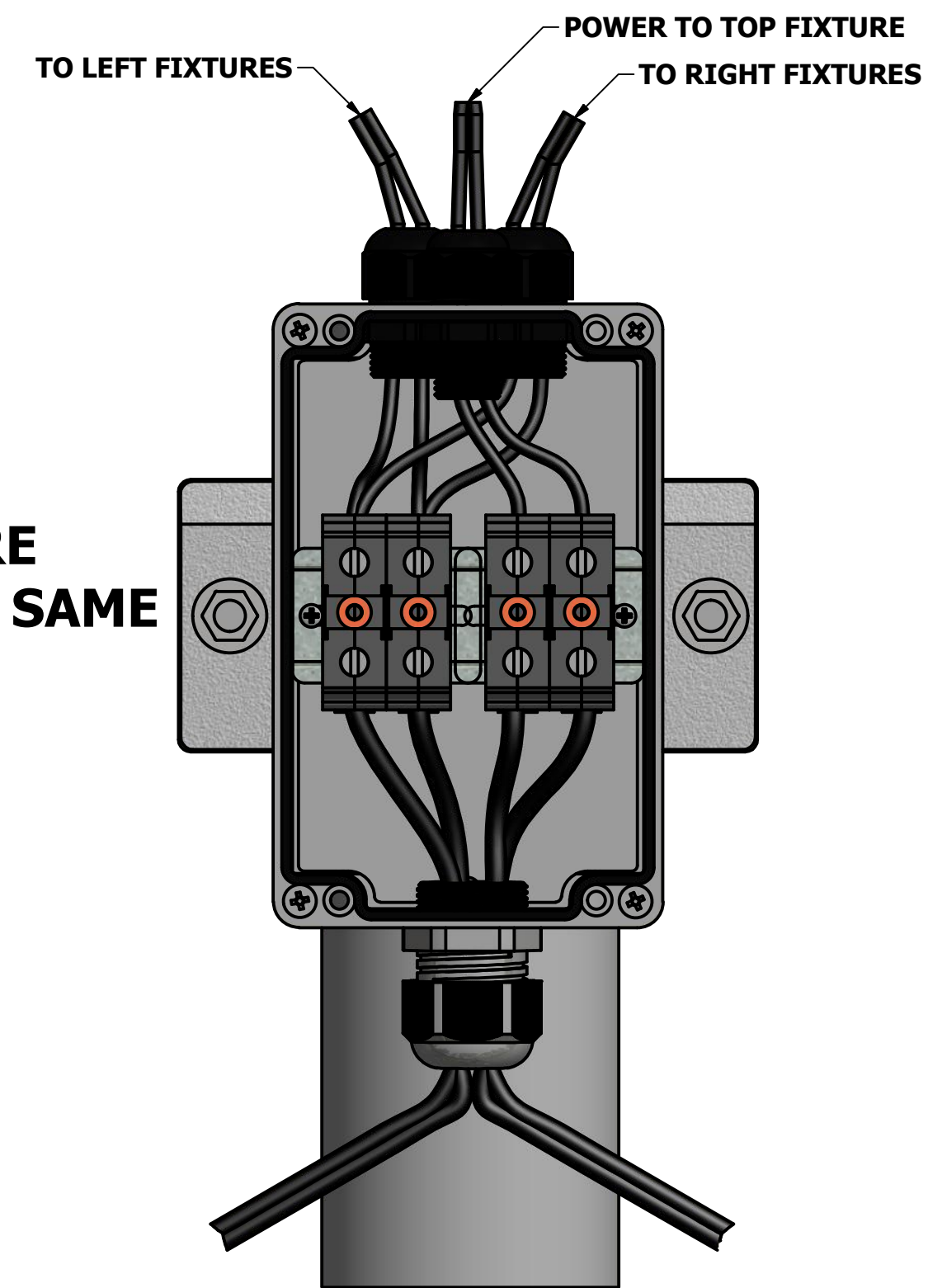


FIG. D

STEP #8.
INSTALL COVER WITH FOUR SCREWS & GASKET.

NOTE: THE GREY TERMINAL BLOCKS HAVE A QUICK RELEASE FEATURE ON TOP AGAINST DIN RAIL, WITH FLAT HEAD SCREW DRIVER YOU CAN REMOVE FOR EASIER WIRING.