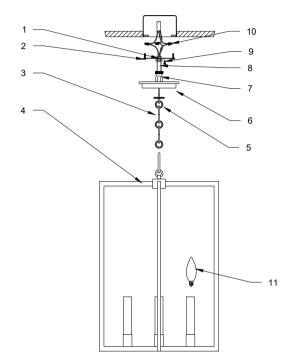


MIDDLEBOROUGH MDS420 MDS421 MDS422 INSTALLATION INSTRUCTIONS



ITEM	DESCRIPTION	PART NUMBER
1	CROSSBAR	X
2	MOUNTING SCREW	x
3	CHAIN	X
4	FIXTURE ASSEMBLY	x
5	SCREW COLLAR	x
6	CANOPY	X
7	SCREW COLLAR LOOP	X
8	1/4 NIPPLE	X
9	GROUND SCREW	X
10	WIRE NUT	X
11	BULB	X
12		
13		
14		

•	DISCONNECT POWER BEFORE RE-LAMPING OR WIRING THE FIXTURE. READ ALL INSTRUCTION COMPLETELY BEFORE STARTING INSTALLATION.
•	TO AVOID THE RISK OF FIRE OR SHOCK, FIXTURE MUST BE INSTALLED IN COMPLIANCE WITH A APPLICABLE NATIONAL AND LOCAL ELECTRICAL/BUILDING CODES. THE INSTALLATION AND MAINTENANCE OF THIS UNIT SHOULD BE COMPLETED BY A LICENSED ELECTRICIAN OR CERTII FACTORY TRAINED TECHNICIAN.
•	CALIFORNIA PROP 65: THIS LIGHTING FIXTURE CONTAINS CHEMICALS KNOWN TO THE STATE (CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS, AND/OR OTHER REPRODUCTIVE HARM. WAS HANDS AFTER USE.
•	REMOVE THE FIXTURE, PARTS AND PARTS BAG(S) FROM THE CARTON. BEFORE DISCARDING T CARTON, DOUBLE CHECK TO MAKE CERTAIN THAT ALL PARTS ARE FOUND. INSPECT THE FIXT PRIOR TO INSTALLATION FOR ANY DAMAGE TO THE FIXTURE.
•	DIMMING: THE FIXTURE CAN BE CONTROLLED BY A WALL DIMMING DEVICE. ONLY USE TRIAC/ELECTRONIC DIMMER. MAKE SURE THE CARTON IS MARKED FOR USE WITH LED COMPA FLUORESCENT.INCANDESCENT LIGHT SOURCE ONLY. THESE CAN BE PROVIDED BY YOUR LOC ELECTRICAL DISTRIBUTOR, HOME CENTER, OR HARDWARE STORE.
•	PLEASE CLEAN WITH A SOFT, DRY CLOTH ONLY! DO NOT USE CLEANSERS

- Attach the CROSSBAR (1) onto the junction box using the MOUNTING SCREWS (2). This fixture is designed to be mounted on standard round or octagon junction box. The junction box must be securely mounted to the structure of the building.
- 2. Open the end link on the CHAIN (3) and attach to the loop on the FIXTURE ASSEMBLY (4). Hang the FIXTURE ASSEMBLY (4) on the CHAIN (3) at your desired height, and remove excess CHAIN.
- 3. Feed the wire through the CHAIN (3), SCREW COLLAR (5), CANOPY (6), SCREW COLLAR LOOP (7), NIPPLE (8), and CROSSBAR (1), and screw the NIPPLE (8) onto the CROSSBAR (1).
- 4. Open the top link on the CHAIN (3), and Hang the FIXTURE ASSEMBLY (4) to the SCREW COLLAR LOOP (7).
- 5. Cut off excess wire, and strip the insulation off the end of the leads.
- 6. Attach the Ground wire (Green) to the ground inside the junction box (Generally green or bar copper wire) or the GROUND SCREW (9) on the MOUNTING PLATE (1). NEVER CONNECT GROUND WIRE TO "HOT" WIRE! FAILURE TO FOLLOW THIS COULD RESULT IN SERIOUS INJURY OR DEATH!
- 7. Connect the white fixture lead to the neutral (Generally white) wire in the outlet box. Fasten the wires together with an approved fastener (WIRE NUT) (10). Starting 1" below the fastener, tightly wrap the connection with electrical tape so that the connections seals the end of the fastener. MAKE SURE THERE ARE NO EXPOSED WIRE OF STRANDS THAT COULD CAUSE A DANGEROUS SHORT CIRCUIT!
- 8. Connect the black fixture leads to the hot (Generally black) wire in the junction box. Fasten the joined wires same as previous step. NEVER REVERSE HOT AND NEUTRAL WIRES. FAILURE TO FOLLOW THIS COULD RESULT IN SERIOUS INJURY OR DEATH!
- 9. Push the wires back into the junction box. Lift up the CANOPY (6) up to the ceiling, and screw the SCREW COLLAR LOOP (7) onto the SCREW COLLAR (5).
- 10. Screw the BULB (11) up into the SOCKET of the fixture.THIS FIXTURE IS RATED FOR 60 WATT TYPE B LAMP. DO NOT EXCEED THE RECOMMENDED WATTAGE!
- 11. Restore power to the outlet at the breaker or fuse box .

Questions? We're here to help! Contact us at CustomerService@hvlgroup.com

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