

# INVUE™ INSTALLATION INSTRUCTIONS

**IMPORTANT: READ CAREFULLY BEFORE INSTALLING FIXTURE.**

## Ascent/Strut Fixtures Sheet 1 of 5

4/26/04

IMI-572

**General:** Upon receipt of fixture thoroughly inspect for any freight damage, which should be brought to the attention of the delivery carrier. Compare the catalog description listed on the packing slip with the fixture label on the housing to assure you have received the correct merchandise.

**Safety:** This fixture must be wired in accordance with the national electrical code and applicable local codes and ordinance. Proper grounding is required to insure personal safety. Carefully observe grounding procedure. All work should be done by an electrician.



**WARNING: Risk of Electric Shock. Disconnect power at fuse or circuit breaker panel or fuse box before installing or servicing.**

**WARNING: Risk of Personal Injury. Fixture may become damaged and/or unstable if not installed properly. Tighten all fixture components to their recommended torque values.**

1. Open door by depressing LATCH BUTTONS into door and lifting. (Fig. 1)

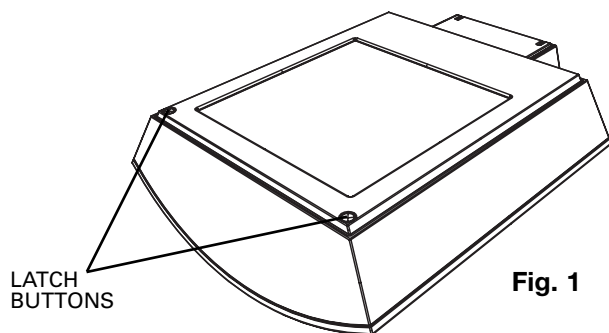


Fig. 1

2. Remove DOOR while it is at a 20° - 30° angle to the housing. This will allow the door to slide over and forward from the hinges. (Fig. 2)

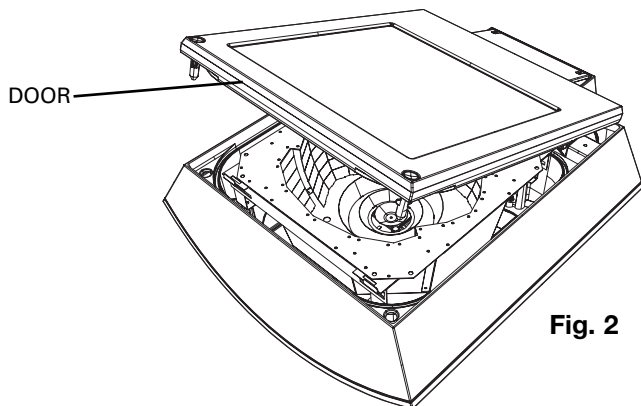


Fig. 2

3. Disconnect PRIMARY QUICK-DISCONNECT by grabbing sides and pulling away from fixture. (Fig. 3)

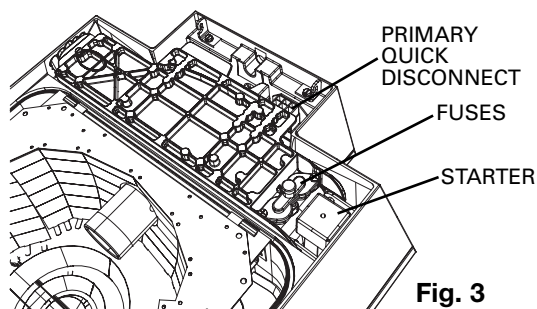


Fig. 3

**NOTE:** Fusing and the cube starter are accessible from the bottom, exposed side of the POWER TRAY. They may be serviced without opening the POWER TRAY.

4. Hold POWER TRAY HANDLE and press POWER TRAY LATCH away from the power tray. Hinge power tray up and lift from fixture. (Fig. 4)

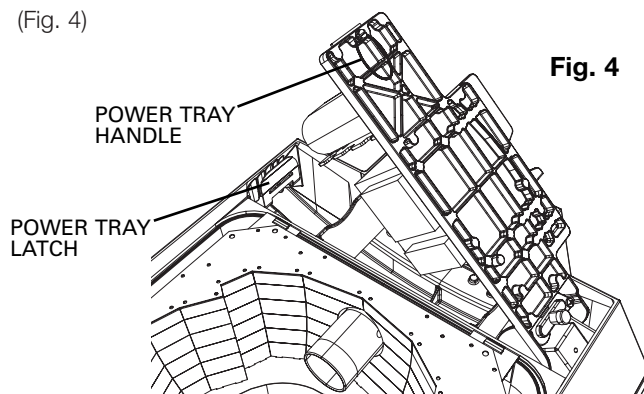


Fig. 4

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**IMPORTANT: READ CAREFULLY BEFORE INSTALLING FIXTURE.**

## Ascent/Strut Fixtures Sheet 2 of 5

4/26/04

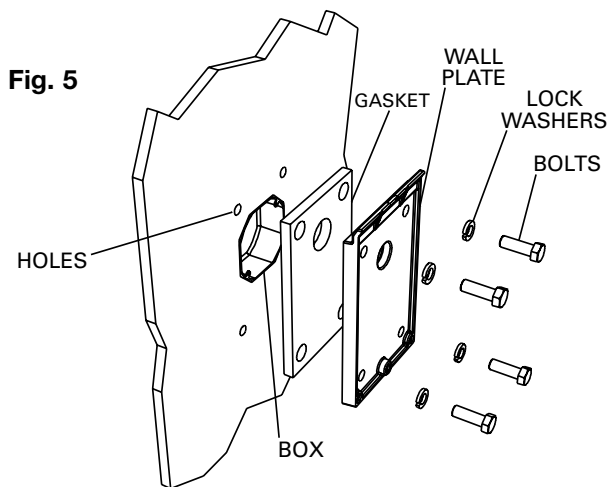
IMI-572



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5. Using WALL PLATE as a template, drill (4) holes in wall. Install appropriate wall anchors (not supplied) and secure GASKET and WALL PLATE to wall with (4) 1/2-13 X 1-12 long BOLTS and (4) Lockwashers (Fig. 5). Torque BOLTS to 450 in/lbs.



**NOTE:** The SPACER, WALL BRACKET and associated components and hardware are shipped separately from the fixture.

6. Assemble WALL BRACKET to SPACER and HOUSING with (2) BOLTS, (2) FLAT WASHERS, and (2) LOCK WASHERS by feeding BOLTS through holes in SPACER and into tapped holes in WALL BRACKET. (Fig. 6A & 6B)

Torque BOLTS as follows:

- (2) 1/2 - 13 (AEM) = 450 in/lbs OR
- (2) 5/16 - 18 (AES) = 130 in/lbs

**! WARNING**

Risk of Personal Injury

Fixture may become damaged and/or unstable if not installed properly

Tighten all fixture components to their recommended torque values

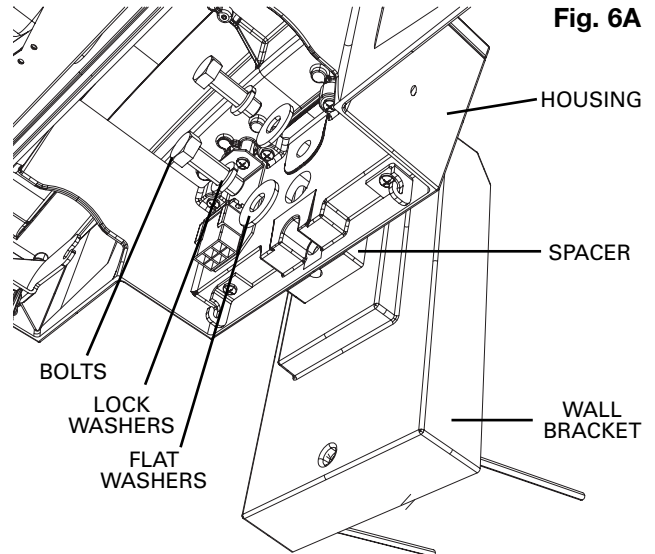
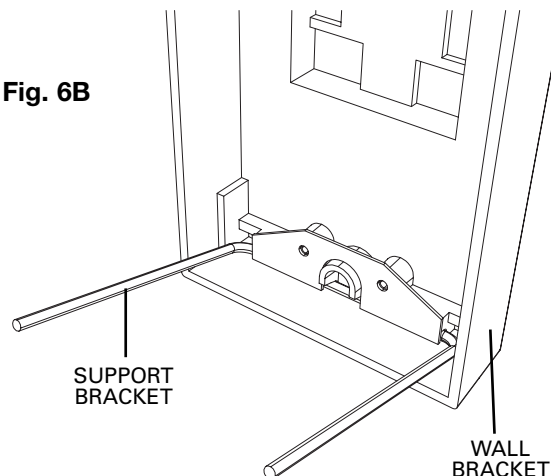


Fig. 6B



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RETAIN FOR FUTURE REFERENCE.**

## Ascent/Strut Fixtures Sheet 3 of 5

4/26/04

IMI-572

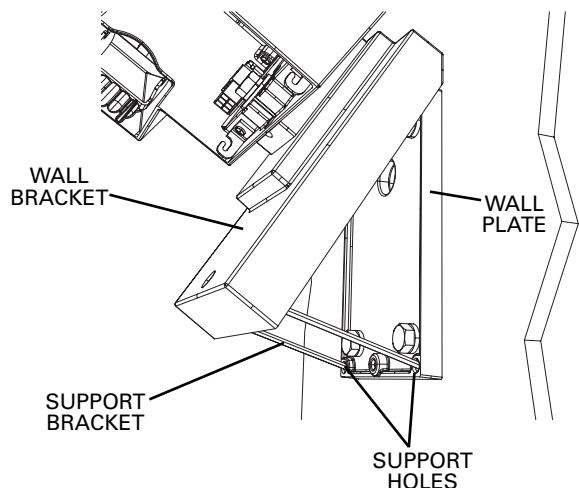


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7. Hook WALL BRACKET over WALL PLATE and place SUPPORT BRACKET into SUPPORT HOLES in WALL PLATE to support fixture as shown. (Fig. 7)  
Make wire connections in WALL BRACKET.  
Wire the fixture ground lead to the supply ground lead.  
Wire the fixture voltage lead to the supply voltage lead.  
Wire the fixture common lead to the supply common lead.

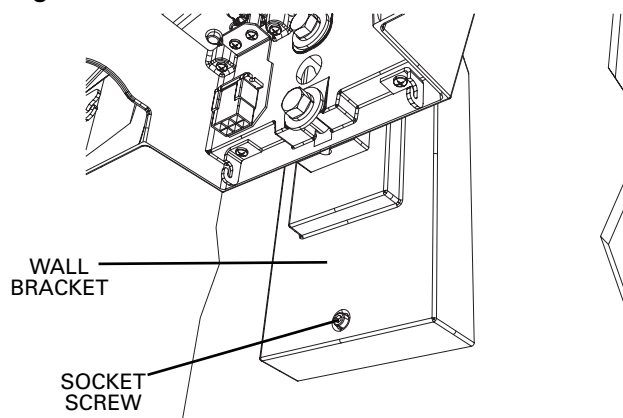
**NOTE:** To wire to circuits not having a neutral lead (such as 480V), connect the fixture voltage lead to one of the supply leads and the fixture common lead to the other supply lead.

Fig. 7



8. Push SUPPORT BRACKET into WALL BRACKET and lower fixture until WALL BRACKET fits over WALL PLATE. Tighten 1/4-20 SOCKET SCREW. (Fig. 8)

Fig. 8



**NOTE:** Ensure wires are not pinched while closing WALL BRACKET to WALL PLATE.

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## Ascent/Strut Fixtures Sheet 4 of 5

4/26/04

IMI-572



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9. To reinstall POWER TRAY, hang POWER TRAY from POWER TRAY HINGE, swing POWER TRAY up till POWER TRAY LATCH snaps closed. Reconnect PRIMARY QUICK DISCONNECT. Install lamp. Reinstall DOOR at 20°-30° angle to housing, ensuring both hinges are engaged. Close DOOR, ensuring DOOR LATCHES are completely engaged. (Listen for both cams to “click” on each latch). (Fig. 9)

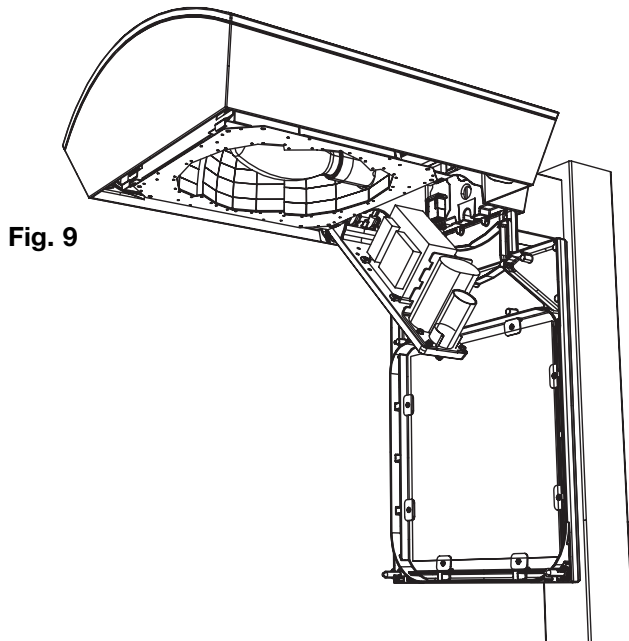


Fig. 9

**NOTE:** Prior to installing the lamp, check to make sure lamp is of proper type and wattage. Observe lamp manufacturer's recommendations and restrictions regarding lamp operation.

**NOTE:** Reflector are marked to insure reflector is installed in proper orientation regarding “Street Side”. If other orientation is desired, reflector may be rotated 90° in either direction.

### REFLECTOR Rotation/Removal:

10. Open DOOR by depressing LATCH BUTTONS into door. (Reference Fig. 1)

11. To lower REFLECTOR, press the two REFLECTOR TABS outward and swing the REFLECTOR down. (Fig. 11a & 11b). The REFLECTOR may now be lifted off of its hinges for rotation or removal.

Fig. 11a

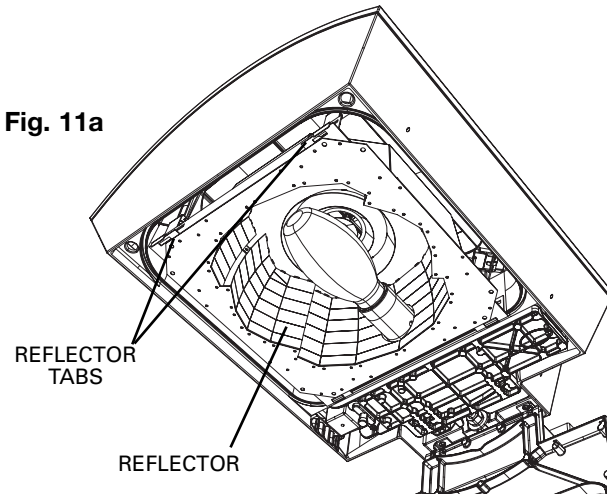
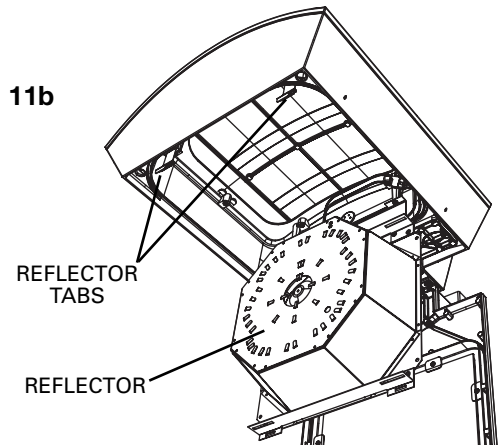


Fig. 11b



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4/26/04

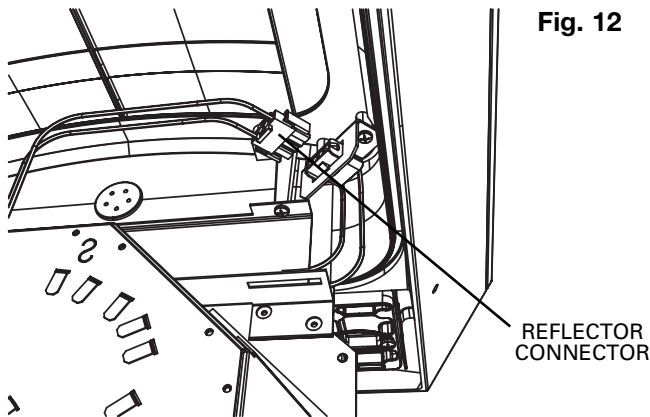
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12. To remove the REFLECTOR, disconnect the REFLECTOR CONNECTOR from the HOUSING. (Fig. 12)



13. To reinstall, reverse steps 12 and 11, listening for audible clicks as REFLECTOR TABS engage REFLECTOR.

**NOTE:** This fixture is to be installed as a DOWNLIGHT ONLY.  
This fixture is not suitable for UPLIGHT mounting configurations.

### NEMA TWIST LOCK PHOTOCONTROL & RECEPTACLE:

The photocontrol receptacle is factory installed and ordered with the fixture. The photocontrol is ordered separately and must be field installed. The voltage of the photocontrol must match the voltage of the fixture.

### FUSING:

Single fuse is available for use with 120V, 277V or 347V fixture. Double fuse is available for use with 208V, 240V or 480V fixtures.

### MAINTENANCE:

When maintenance is performed, check torque on all fasteners and tighten to specified torque if required.

### CLEANING:

The reflector and door glass may be cleaned with any suitable, non-abrasive glass cleaning solution, soap or detergent and rinsed with clean water. Please remove the reflector and door from the fixture prior to cleaning.

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