

**POWER EXTENSION CONNECTOR
FOR USE WITH ADVENT LYESPAN® TRACK SYSTEMS ONLY.
NOTE: FOR USE ONLY WITH NEW ADVENT TRACK DESIGNATED BY
AN ITEM NUMBER FOLLOWED BY "WH" OR "BK."**

INSTRUCTION SHEET NO
IS:6146
0291

READ AND UNDERSTAND THESE INSTRUCTIONS BEFORE INSTALLING FIXTURE.

This fixture is intended for installation in accordance with the National Electrical Code and local regulations. To assure full compliance with local codes and regulations, check with your electrical inspector before installation. To prevent electrical shock, turn off electricity at fuse box before proceeding.
Retain these instructions for maintenance reference.

The POWER EXTENSION CONNECTOR allows power to be jumped from one track, around or through structural obstacles, to another track unit. It replaces the DEAD END COVER at the end of an individual track unit or a run of track units. Power can be fed into or removed from the POWER EXTENSION CONNECTOR by using any of the power feed-in kits available for Advent Lyespan. A few examples are shown below.

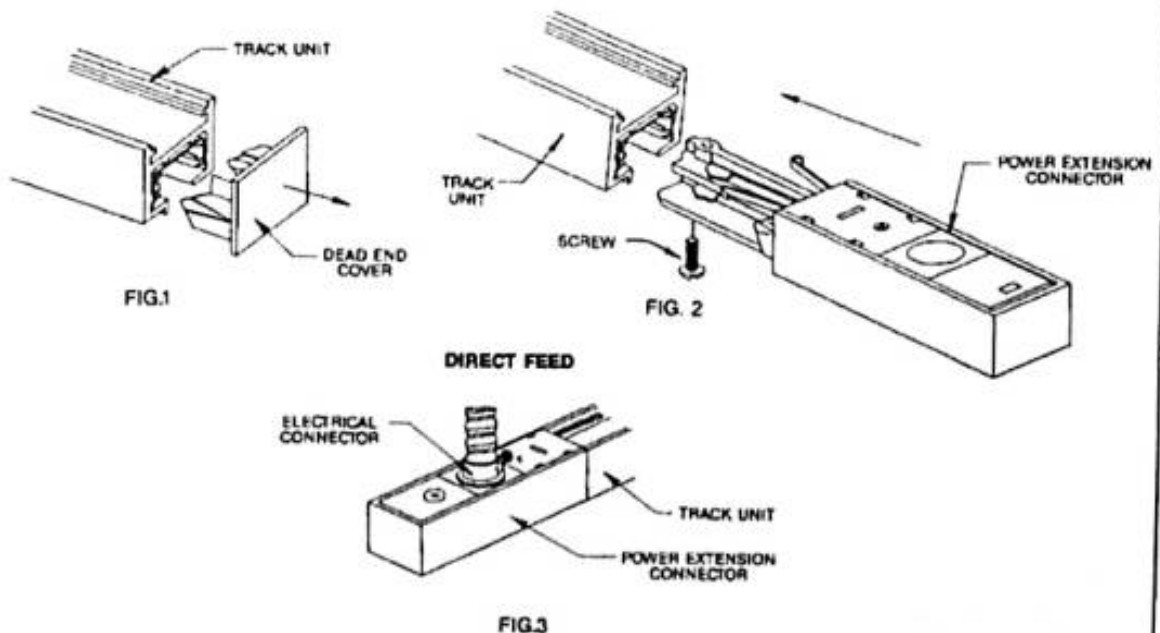
CAUTION:

- **TURN OFF POWER AT FUSE BOX BEFORE INSTALLING TRACK.**
- **INSTRUCTIONS FOR GROUNDING PER INSTRUCTION SHEET OF THE FEED-IN KIT MUST BE FOLLOWED. FAILURE TO DO SO MAY RESULT IN A HAZARDOUS CONDITION.**
- **USE ONLY 12 AWG SOLID COPPER WIRE IN LIVE END.**
- **OBSERVE POLARITY. WHITE WIRE MUST BE CONNECTED TO WHITE TERMINAL. FAILURE TO DO SO MAY RESULT IN AN ELECTRICAL HAZARD.**
- **DO NOT SUPPLY CONNECTORS FROM TWO SEPARATE 120V BRANCH CIRCUITS AS THIS COULD OVERLOAD THE NEUTRAL TRACK CONDUCTOR LEADING TO AN ELECTRICAL HAZARD.**
- **DO NOT USE TRACK CONNECTOR AS A CONDUIT SUPPORT. INDEPENDENT CONDUIT SUPPORTS (SUCH AS SUITABLE CONDUIT STRAPS) MUST BE USED TO ATTACH CONDUIT TO THE BUILDING STRUCTURE.**

INSTALLING THE POWER EXTENSION CONNECTOR

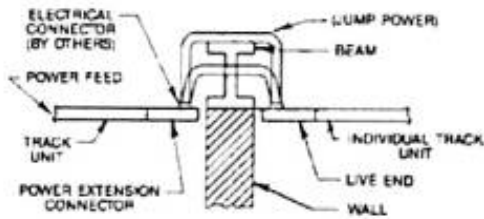
1. Remove the DEAD END COVER from the track. (FIG. 1)
2. Insert the POWER EXTENSION CONNECTOR in place of the DEAD END COVER. Tighten SCREW. (FIG. 2)
3. Follow the instructions provided with the power feed-in kit being used.

NOTE: Power can be fed into or removed from the POWER EXTENSION CONNECTOR by using a standard ELECTRICAL CONNECTOR WITH 1/4"-14 Thread (not included) (FIG. 3). See instruction sheet supplied with Track IS:6121, Section E.

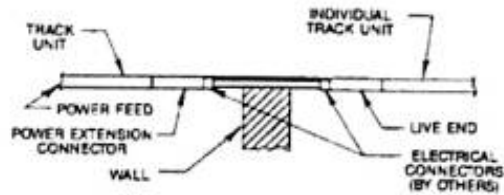


**APPLICATION EXAMPLES USING
ELECTRICAL CONNECTOR with 1/8" - 14 thread (BY OTHERS)**

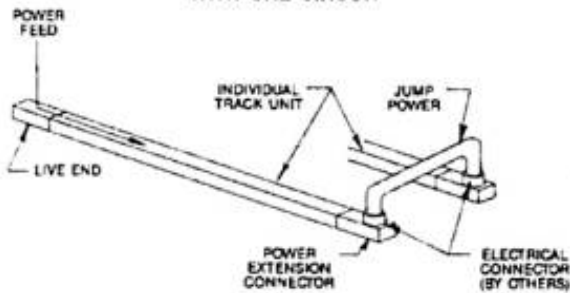
**OVER BEAM
OR THROUGH BEAM**



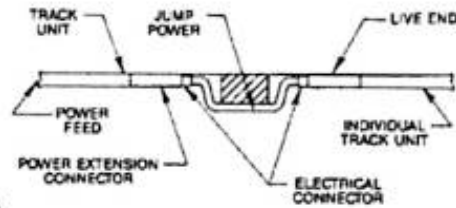
THROUGH WALL OR COLUMN



**ENERGIZE MULTIPLE TRACK RUNS
WITH ONE CIRCUIT**



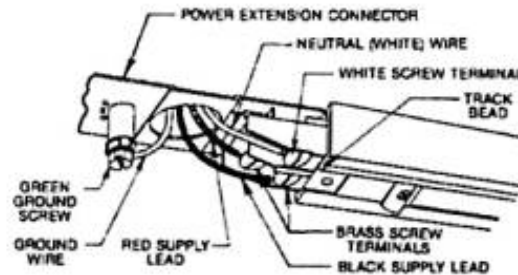
AROUND BEAM OR COLUMN



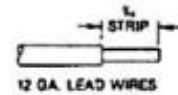
**FEEDING OR CONTINUING POWER FROM
POWER EXTENSION CONNECTOR**

When connecting the leads to the connector the following convention should be used.

- White (neutral) wire to **WHITE SCREW TERMINAL**
- Black wire to **lower BRASS SCREW TERMINAL**
- Red wire to **upper BRASS SCREW TERMINAL**
- Wrap **GROUND WIRE** around **GREEN GROUND SCREW**.



SCREW TERMINAL



12 GA. LEAD WIRES

NOT NECESSARY TO WRAP BLACK, RED & WHITE WIRES AROUND SCREW TERMINALS. (2) WIRES CAN BE ATTACHED TO EACH SCREW TERMINAL.