

INSTRUCTIONS FOR MONORAIL POWER JUMPER

MONORAIL POWER JUMPER LENGTH (L)	MONORAIL POWER JUMPER ROD LENGTH (R)	MONORAIL POWER JUMPER WIRE LENGTH (W)
36"	33-7/8"	35-3/8"
24"	21-7/8"	23-3/8"
12"	9-7/8"	11-3/8"
6"	3-7/8"	5-3/8"

NOTE: All set screw connections must be tight to avoid heat build up and corrosion which may cause an electrical open circuit.

RESIZING THE MONORAIL POWER FEED JUMPER:

NOTE: The MonoRail power jumper comes standard for 36" rail to rail separation. The power jumper can be cut to any length. Table A contains some standard measurements for the MonoRail power jumper rods and wires. Figure A shows the references for the measurements.

TABLE A

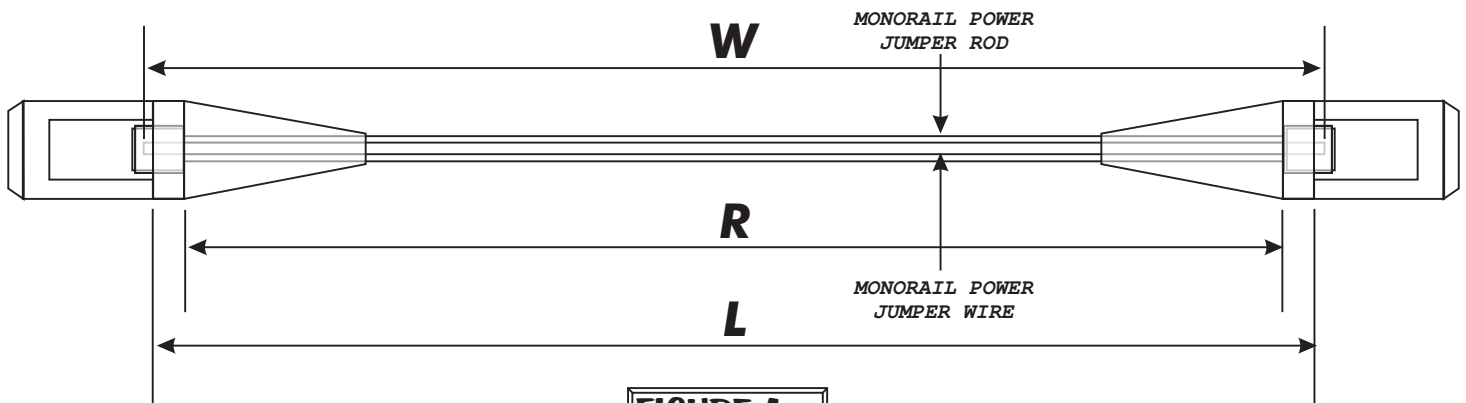


FIGURE A

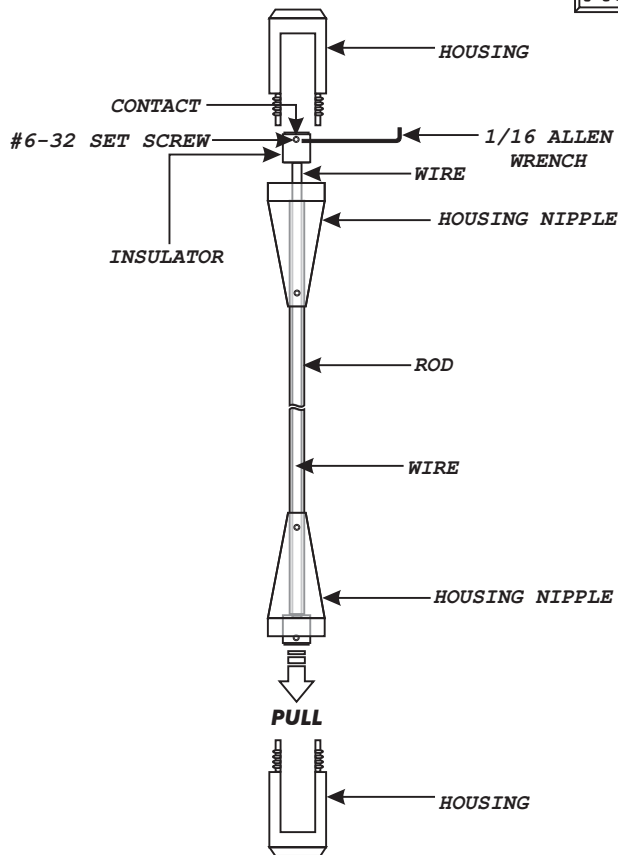


FIGURE B

NOTE: For all other MonoRail power jumper lengths (L) not mentioned in the Table A, cut the rod (R) 2-1/8" shorter than the desired length. Cut the wire (W) 5/8" shorter than the desired length. For example, if the desired MonoRail power jumper length is 8" (L), cut the rod (R) to 5-7/8" and cut the wire (W) to 7-3/8".

- 1- As shown in figure B, unscrew the housings from the housing nipples.
- 2- Loosen the #6-32 set screw on one of the contacts.
- 3- Remove the contact and the insulator from the wire.
- 4- From the other side pull the wire out.

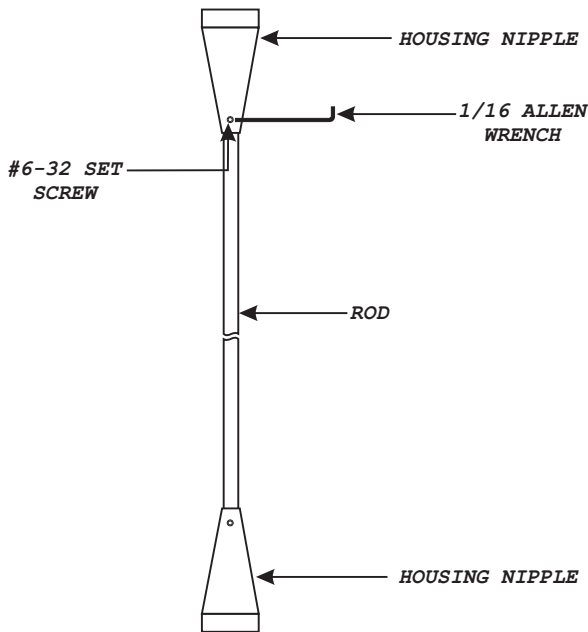


FIGURE C



FIGURE D

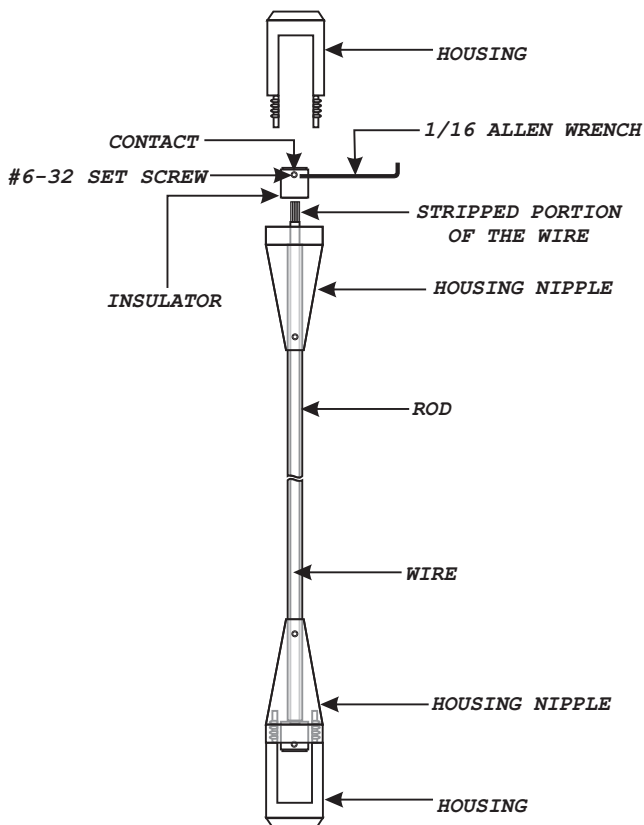


FIGURE E

- 5- As shown in figure C, loosen the #6-32 set screw on the both housing nipples with 1/16 Allen wrench.
- 6- Remove the housing nipples from the rod.
- 7- Mark and cut the rod to the desired length.
- 8- Clean the burr on the inside and outside of the cut rod.
- 9- Cut the wire to the corresponding length.
- 10- As shown in figure D, strip exactly 3/16" insulation from the end of the cut wire.
- 11- As shown in figure E, replace the housing nipples onto the rod and tighten the #6-32 set screw on both housing nipples with the 1/16 Allen wrench.
- 12- Feed the wire back into the rod through one of the housing nipples.
- 13- Replace the insulator and the contact onto the stripped wire.
- 14- Align the side screw hole on the insulator up with the contact set screw. Press the contact down and tighten the #6-32 set screw with the 1/16 Allen wrench.

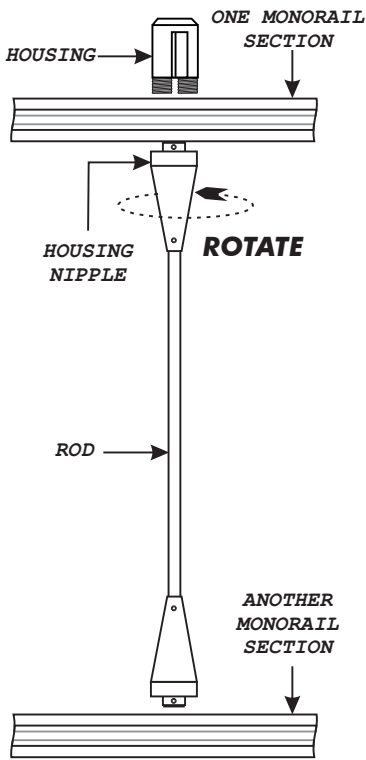


FIGURE F

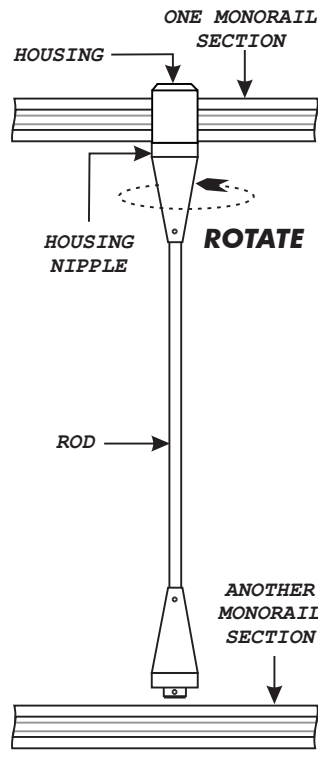


FIGURE G

CONNECTING THE MONORAIL POWER JUMPER TO THE MONORAIL SECTIONS.

- A- Back out the 3/8-24 set screw on top of both housings with 3/16 Allen wrench.
- B- As shown in figures F and G, put a MonoRail housing on to the top MonoRail.
- C- Screw the MonoRail Power Jumper to the MonoRail housing tight.
- D- As shown in figures H and I, loosen the #6-32 set screw on the other housing nipple with #1/16 Allen wrench. Do not remove the set screw.
- E- Put the other MonoRail housing onto the bottom MonoRail. Screw the housing nipple clockwise onto the housing tight.
- F- Tighten the #6-32 set screw on the housing nipple with the 1/16 Allen wrench.
- G- As shown in figure J, tighten the 3/8-24 set screws on the top of the housings with the 3/16 Allen wrench.

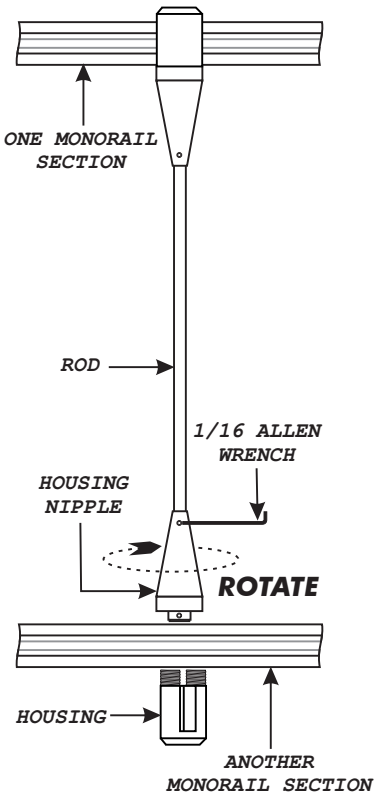


FIGURE H

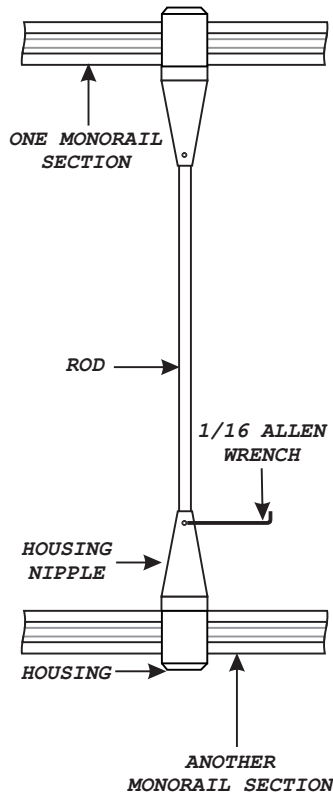


FIGURE I

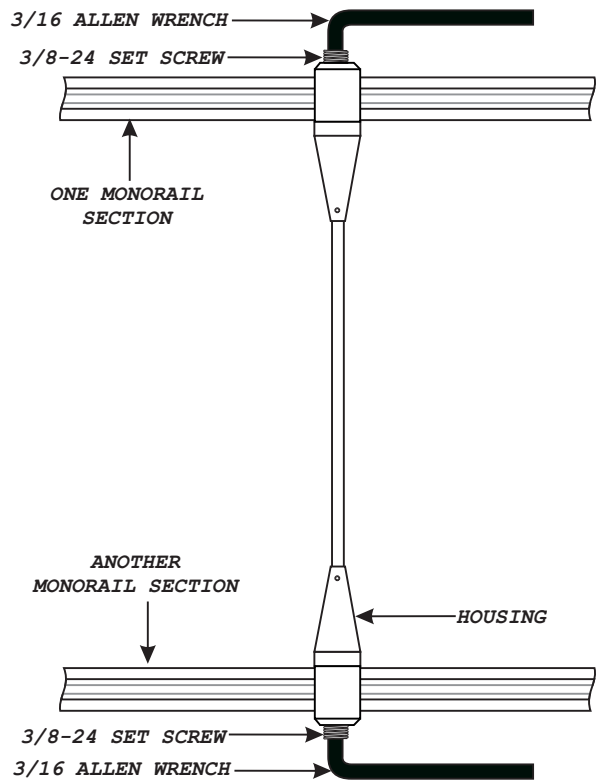


FIGURE J