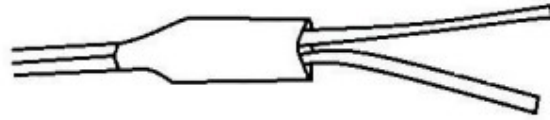


Main Roads – Loop Cable Joint 1 Pair

Procedure Steps

1. Place dust seal onto cables

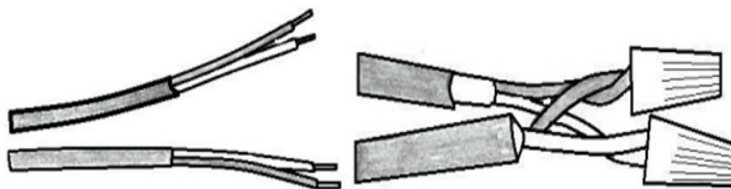
- ▶ Cut tip of dust seal to allow firm fit over cables to be joined.
- ▶ Place black dust seal onto loop feeder and loop cables.



2. Cable connections

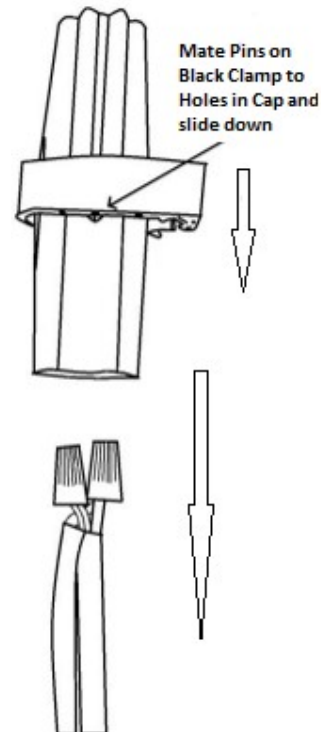
- ▶ Strip approximately 30mm from the outside sheath of each cable.
- ▶ Strip conductors and twist together (approximately 10mm exposed conductor).
- ▶ Twist stripped conductors and insert into grey joiner.
- ▶ Twist joiner in a clockwise direction until firm.
- ▶ Ensure that the joiner can't be pulled off.

*** Please note: Grey connectors are rated at 300 VAC only.



3. Push sealing cap onto connection

- ▶ Install black clamp on cap.
- ▶ Verify proper placement of clamp by ensuring the two pins on the bottom edge of the clamp are mated with the holes of the cap, as shown in the figure opposite.
- ▶ Install cap by holding all wires and pushing the cap over the connection assembly until it goes no further.
- ▶ Snap clamp closed. If necessary use pliers to snap clamp closed. Clamp pressure points should fit into opposing grooves of cap and apply pressure between the cables.

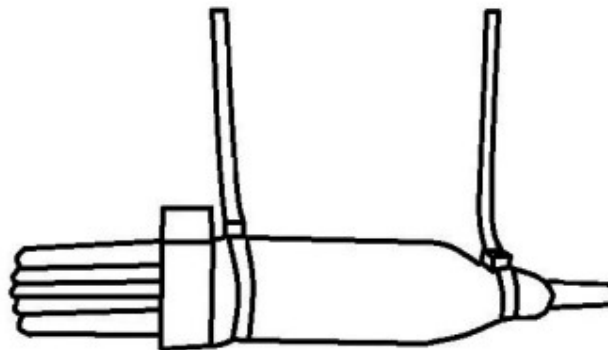


Main Roads – Loop Cable Joint 1 Pair

Procedure Steps

4. Secure dust seal

- ▶ Pull up black dust seal so it covers exposed gel on the bottom of the sealing cap.
- ▶ Fit cable ties to provide additional strain relief to complete joint as shown. Ensure joint is positioned in pit with cable entry being from the bottom



Document QR Code

