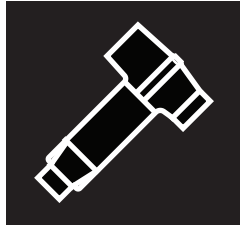


CAUTION : Read instructions thoroughly and completely prior to beginning installation.

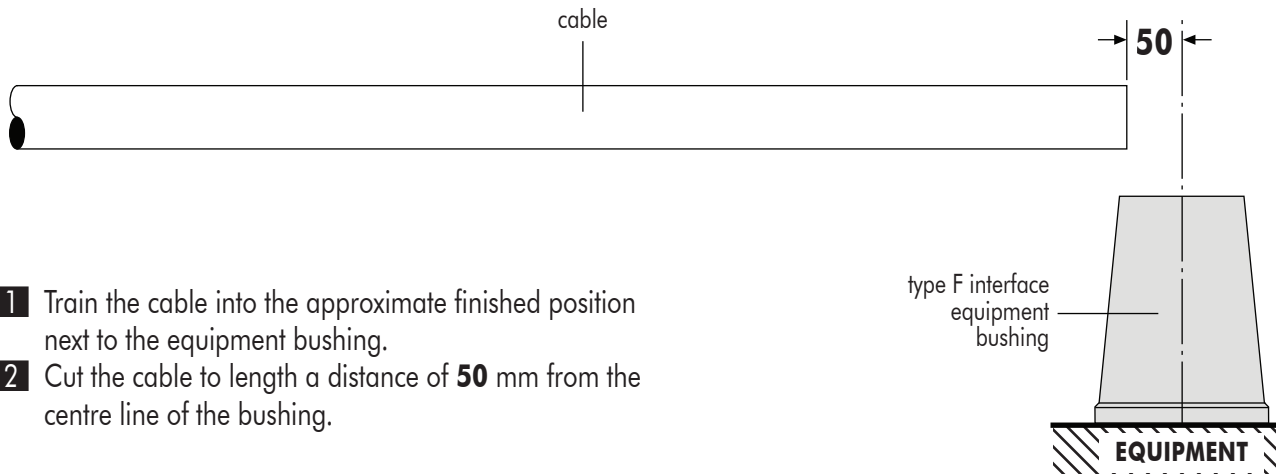
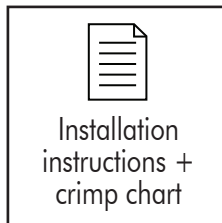
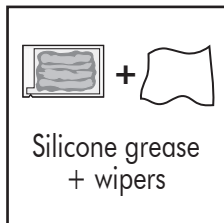
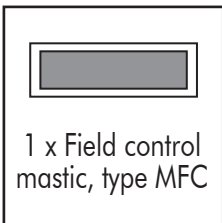
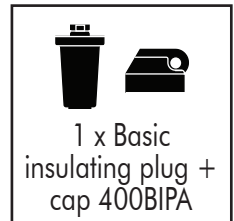
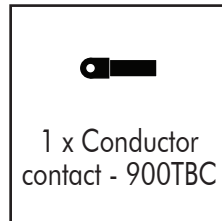
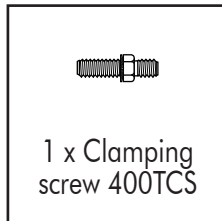
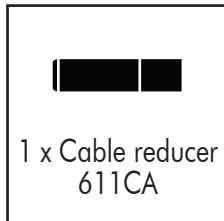
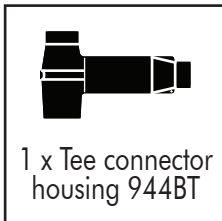
Installation Instructions for separable tee connector - Type F interface

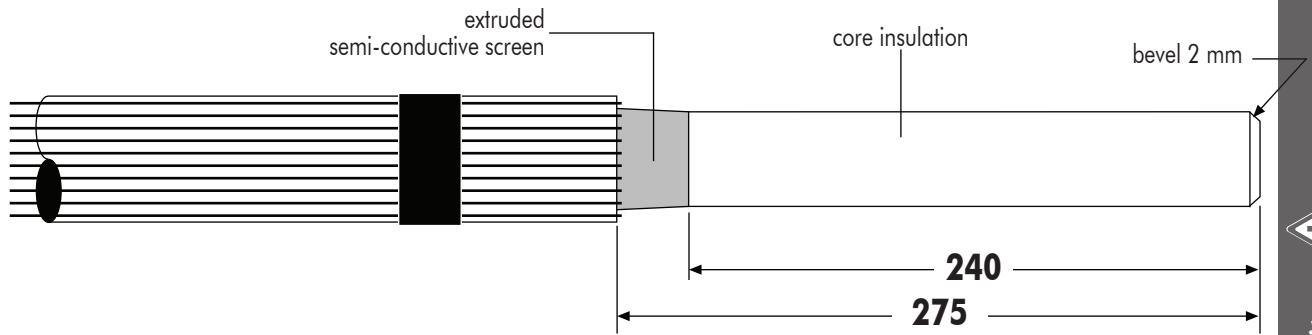


944TB/G

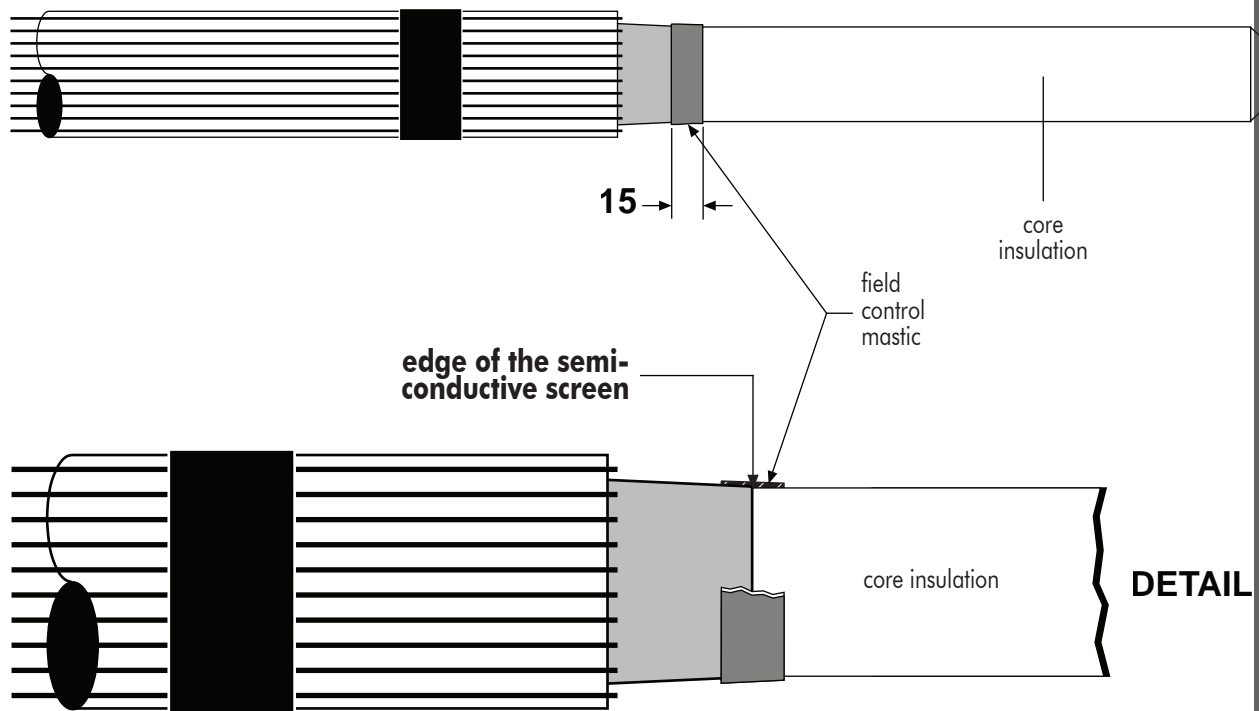
Only for cables with copper wire screen and bonded extruded semi-conductive screen

Required components for the connector installation :





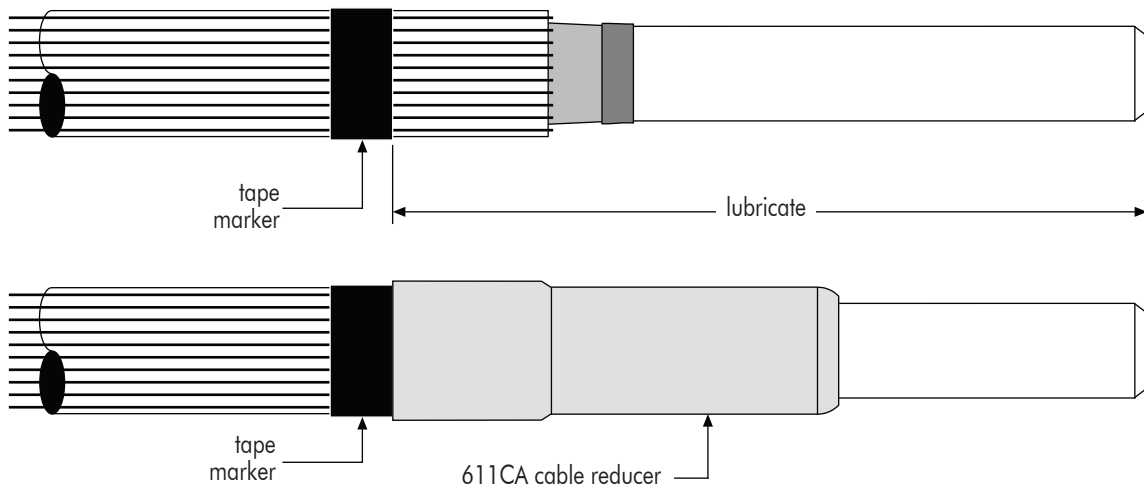
- 5** Check distance of **275** mm.
- 6** Remove the extruded semi-conductive screen to a point **240** mm from the cable end.
For extruded easy strip semi-conductive screen : cut squarely taking care not to cut the core insulation.
For bonded extruded semi-conductive screen : use an appropriate pencilling tool.
- 7** Slightly bevel the edge of the core insulation.



- 8** Apply one layer of field control mastic, type MFC, half overlapping core insulation and semi-conductive screen (**15** mm width).

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INSTALLATION OF THE CABLE REDUCER



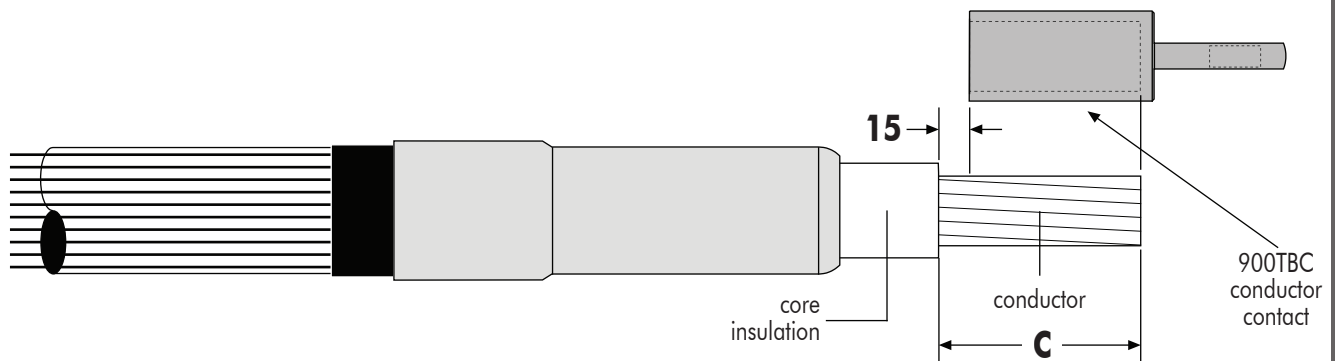
1 Remove any traces of conductive residue from the core insulation.

Always wipe towards the screen wires.

2 Clean and lubricate* core insulation and the inside surface of the 611CA cable reducer.

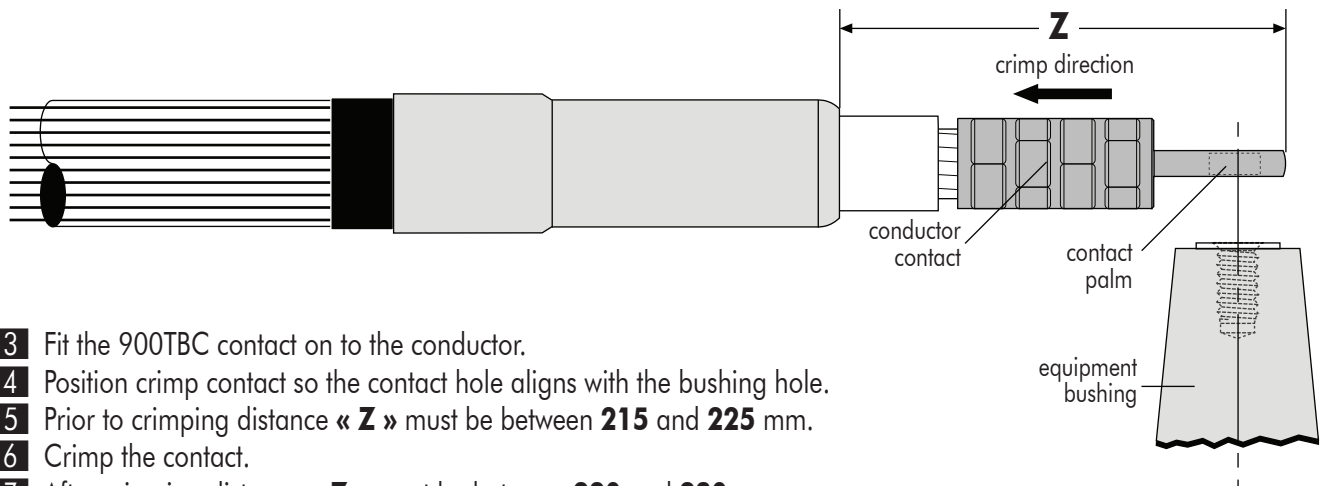
Slide the reducer down the cable until flush with the tape marker.

CRIMPING OF THE CONDUCTOR CONTACT



1 Remove the core insulation from the conductor for a distance « C » mm (C = depth of contact bore + 15 mm).

2 For aluminium conductors : before installing the crimp contact, wire brush the conductor.



3 Fit the 900TBC contact on to the conductor.

4 Position crimp contact so the contact hole aligns with the bushing hole.

5 Prior to crimping distance « Z » must be between 215 and 225 mm.

6 Crimp the contact.

7 After crimping distance « Z » must be between 220 and 230 mm.

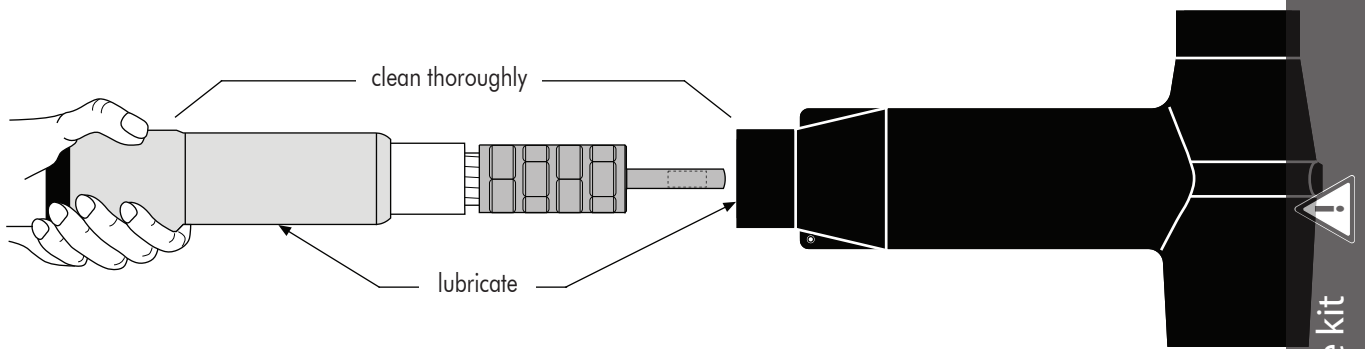
If necessary, adjust the position of the cable reducer until distance « Z » is within the tolerance range.

Using adhesive tape, secure the cable reducer.

8 Remove any burrs left after crimping and wipe-off excess inhibitor.

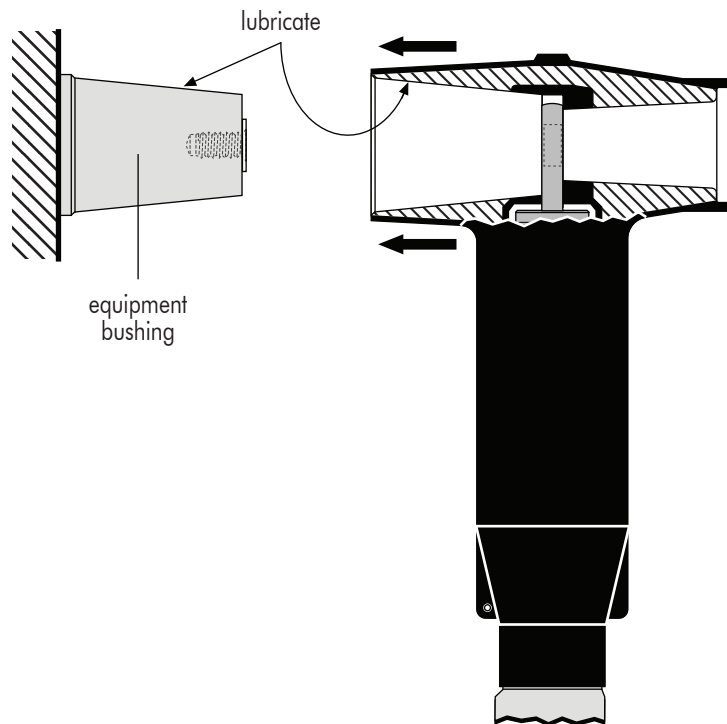
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CONNECTOR INSTALLATION ON CABLE



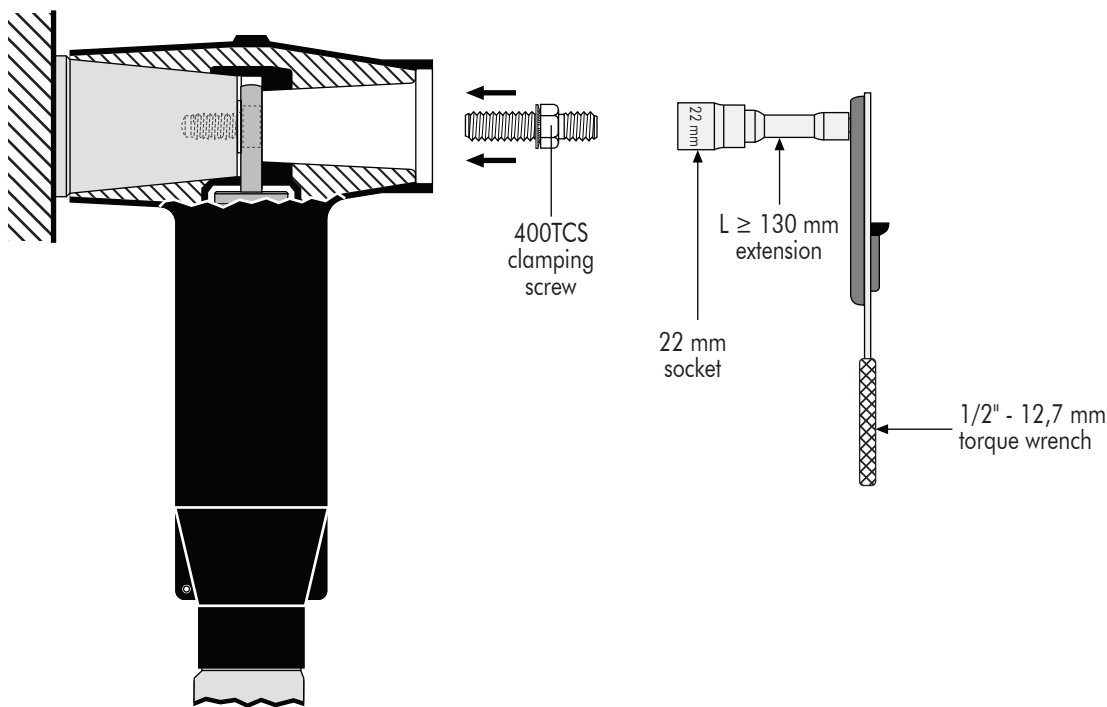
- 1 Clean and lightly lubricate* the inside surface of the connector housing and outer surface of the cable reducer.
- 2 Check if the angle of the tee connector housing is correct relative to the palm of the crimp contact and, whilst preventing the cable reducer from further movement down the cable, gently slide the housing on the cable until it cannot advance any further.
- 3 Make sure the cable reducer stays in place during installation and remove tape marker from the cable.

CONNECTOR INSTALLATION ON BUSHING

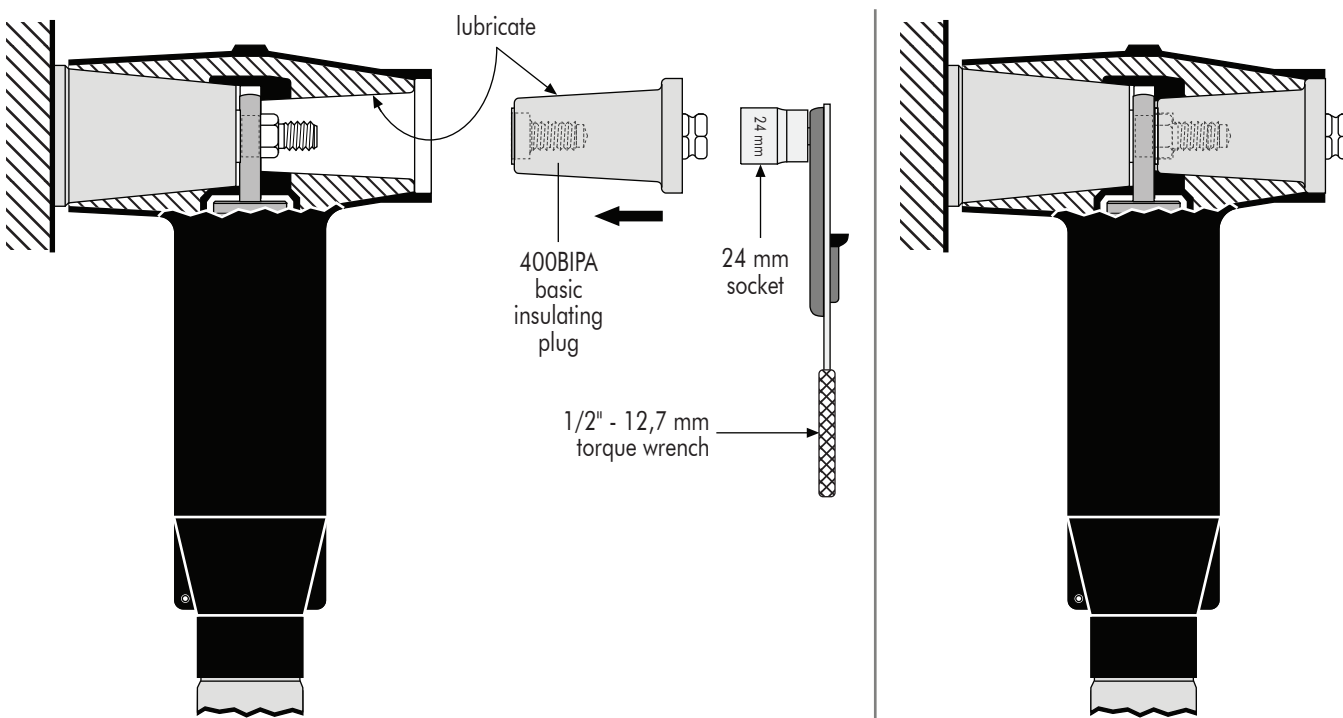


- 1 Clean and lightly lubricate* both connector and bushing interface.
- 2 Push connector on to the bushing (**see important notes on page 7**).





- 3 Insert 400TCS clamping screw into the threaded hole of the bushing.
- 4 Use torque wrench with a socket wrench 22 and tighten exerting 50 Nm (5 kgm or 35 foot-pounds) of torque **(see important notes on page 7)**.



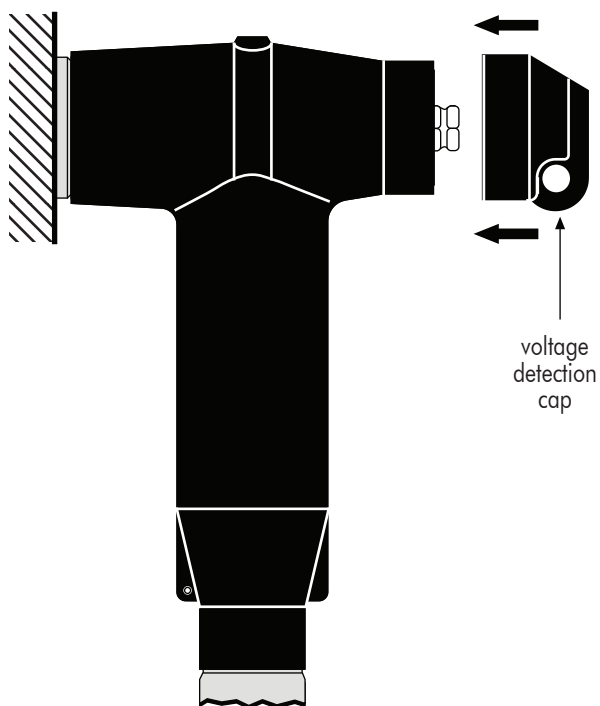
- 5 Clean and lubricate* the 400BIPA basic insulating plug for the opposite side of the connector.
- 6 Insert the plug in the connector, engage the threads and hand tighten.
- 7 Tighten assembly : use torque wrench with socket of 24 and tighten exerting 50 Nm (5 kgm or 35 foot-pounds) of torque **(see important notes on page 7)**.

* USE ONLY THE SILICONE LUBRICANT SUPPLIED



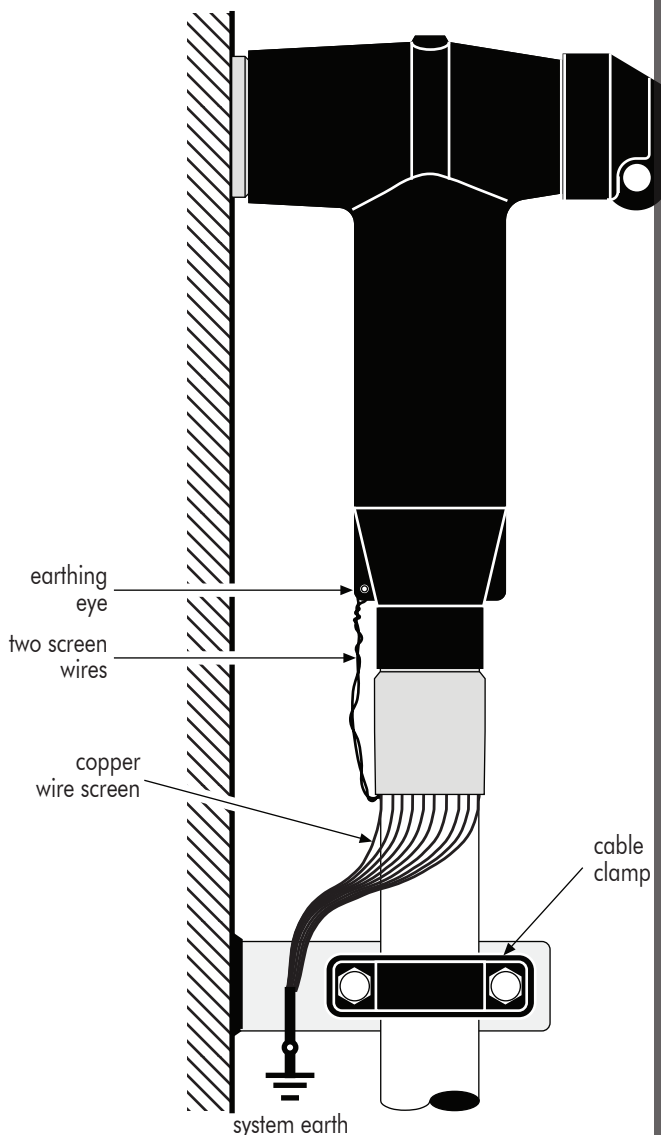
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- 8** Clean inner surface of voltage detection cap (do not lubricate) and place on the connector. Push down hard until cap «snaps» into place.

EARTHING AND CABLE CLAMPING



- 1** Connect two copper screen wires to the earthing eye of the connector.
- 2** Bend back the screen wires along the outer sheath to form a pig tail.
- 3** Connect the screen wires to system earth.

NOTE :

A connector/bushing mated combination should not be allowed to carry the full weight of the cable. Therefore it is necessary to clamp the cable as close as possible to the connector.

IMPORTANT NOTES :

- In order to achieve the correct applied torque ensure there is no lubricant on the threaded parts.
- Never disconnect the connector from energised equipment nor energise a disconnected connector without previously installing on its appropriate corresponding mating part.
- Do not allow hydrocarbon oils or solvents to contaminate the E.P.D.M. rubber.
In the event of contamination, wipe the surface clean with a dry cloth.



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