

SERVI-BOND™ Shield Connector

Be sure to read and completely understand this procedure before applying product. Be sure to select the proper PREFORMED™ product before application.

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1.00 DESCRIPTION

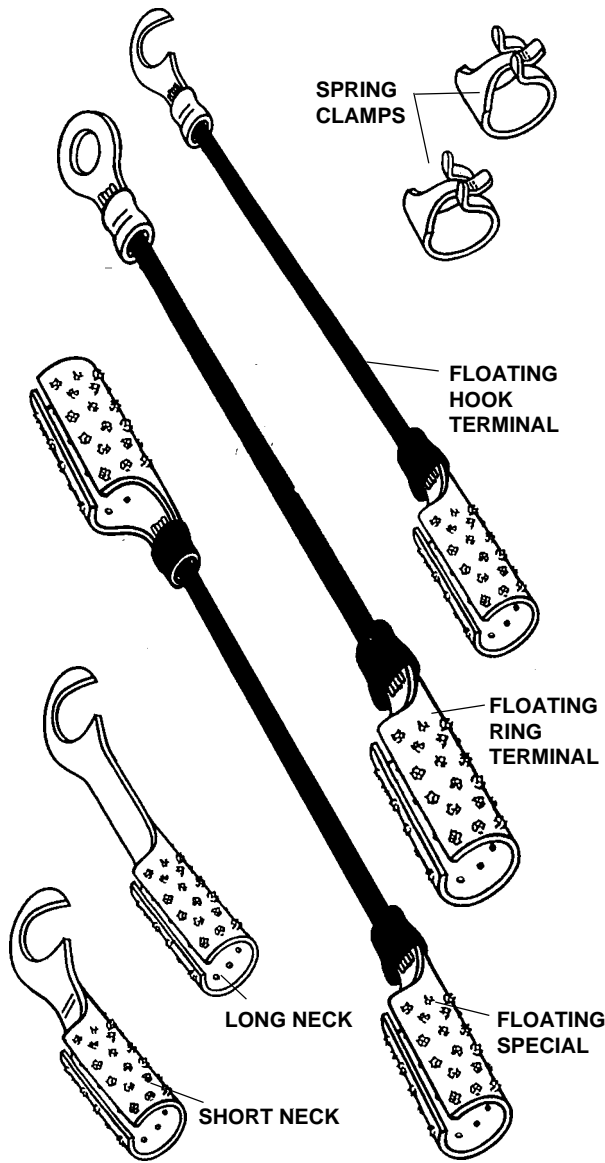


FIGURE 1

1.01

Catalog Number	Spring Clamp Color Code	Maximum Service Wire Diameter (inches)	Service Cable Range
8000733 (long neck)	Silver	0.30	2-Pair or 3-Pair (Armored and Non-Armored)
8000734 (long neck)	Yellow	0.36	5-Pair or 6-Pair (Non-Armored)
	Black	0.41	5-Pair or 6-Pair Armored
8000735 (short neck)	Silver	0.30	2-Pair or 3-Pair (Armored and Non-Armored)
8000736 (short neck)	Yellow	0.36	5-Pair or 6-Pair (Non-Armored)
	Black	0.41	5-Pair or 6-Pair Armored
8000737 (4.5" harness floating hook terminal)	Silver	0.30	2-Pair or 3-Pair (Armored and Non-Armored)
8000738 (4.5" harness floating hook terminal)	Yellow	0.36	5-Pair or 6-Pair (Non-Armored)
	Black	0.41	5-Pair or 6-Pair Armored
8000739* (7" harness floating hook terminal)	Silver	0.30	2-Pair or 3-Pair (Armored and Non-Armored)
8000740 (long neck)	Silver	0.30	2-Pair or 3-Pair (Armored and Non-Armored)
	Black	0.41	5-Pair or 6-Pair (Armored and Non-Armored)
8000744* (7" harness floating hook terminal)	Yellow	0.36	5-Pair or 6-Pair (Armored and Non-Armored)
	Black	0.41	5-Pair or 6-Pair (Armored and Non-Armored)
8000746 (14" harness floating hook terminal)	Silver	0.30	2-Pair or 3-Pair (Armored and Non-Armored)
8000747 (14" harness floating hook terminal)	Yellow	0.36	5-Pair or 6-Pair (Armored and Non-Armored)
	Black	0.41	5-Pair or 6-Pair, Double Sheath (Armored and Non-Armored)
8000748 (2.75" harness floating special)	Black	0.41	5-Pair or 6-Pair (Armored and Non-Armored)
8000749 (4.5" harness floating ring terminal)	Silver	0.30	2-Pair or 3-Pair
8000750 (4.5" harness floating ring terminal)	Yellow	0.36	5-Pair or 6-Pair
	Black	0.41	5-Pair or 6-Pair (Armored and Non-Armored)
8000752 (4.5" harness floating hook terminal)	Aluminum	0.56	12-Pair (Armored and Non-Armored)

*REA Accepted

2.00 GENERAL

2.01 The SERVI-BOND™ Shield Connector is designed to provide or extend shield continuity between various sizes and types of twisted-pair service wires and a point of ground.

3.00 CABLE PREPARATION AND INSTALLATION

3.01 Pull service wire through grommet entry on terminal block or Network Interface Device leaving 10" of cable extending above the grommet.

3.02 Remove outer jacket and shield of service wire approximately 1-1/2" above the grommet. See Figure 2.

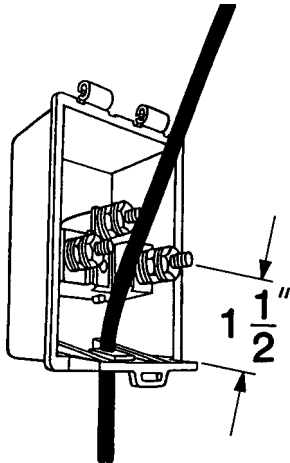


FIGURE 2

3.03 Remove inner core or core wrapper to expose primary conductors, leaving approximately 1/8" of core sheath or core wrapper extending beyond the end of the outer jacket. See Figure 3.

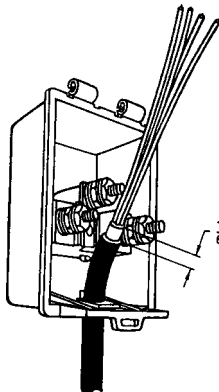


FIGURE 3

4.00 CONNECTOR ASSEMBLY

4.01 Position the spring clamps (refer to chart) over the service wire. See Figure 4.

4.02 Cut open the outer jacket and shield of the service wire with a single slit approximately 1-1/4" long. **The inner core sheath or core wrapper must not be slit in order to protect the primary conductors from damage.** It may be necessary to displace the grommet during SERVI-BOND Shield Connector installation. See Figure 4.

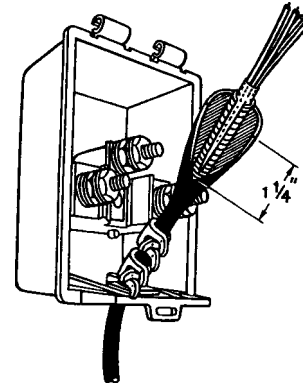


FIGURE 4

4.03 Slip the serrated portion of the SERVI-BOND™ Shield Connector over the inner core sheath or core wrapper. Wrap the open outer jacket and shield of the service wire around the serrated portion of the SERVI-BOND™ Shield Connector and apply gentle pressure with pliers or channel locks to force SERVI-BOND Shield Connector serrations into shield. See Figure 5.

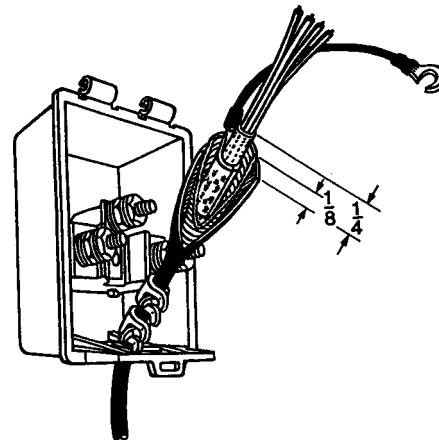


FIGURE 5

5.00 FINAL APPLICATION

5.01 Use pliers to slip spring clamps (refer to chart) around the service wire and serrated portion of the SERVI-BOND™ Shield Connector. See Figure 6.

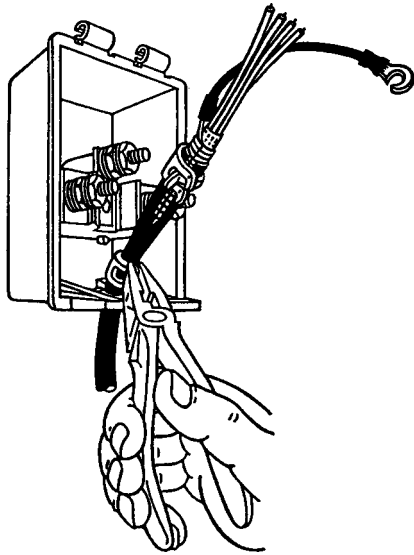


FIGURE 6

5.02 Position SERVI-BOND™ Shield Connector hook (or ring terminal) over ground post and secure. Hook (or ring) must be installed left to right. See Figure 7.

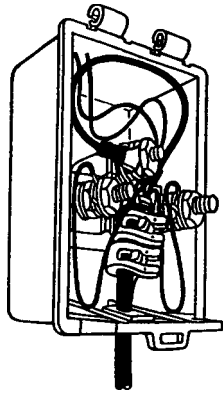


FIGURE 7

5.03 Terminate primary conductors to protector posts in accordance with system standard practice.

5.04 Re-position the grommet if necessary.

6.00 SAFETY CONSIDERATIONS

6.01 This application procedure is not intended to supersede any company construction or safety standards. This procedure is offered only to illustrate safe application for the individual. Failure to follow these procedures may result in personal injury.

6.02 When working in the area of energized lines, extra care should be taken to prevent accidental electrical contact.

6.03 For proper performance and personal safety, be sure to select the proper size PREFORMED™ products before application.

6.04 This product is intended for use by trained craftspeople only. This product **should not be used** by anyone who is not familiar with, and not trained to use it.

PREFORMED LINE PRODUCTS

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