# MS<sup>2™</sup> Procedure for Installing 4000-C or D Modules Into Cables or Splice With No Slack

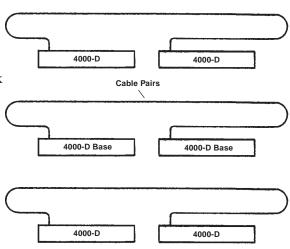
MS<sup>2</sup> Splice Rig with 2 Splice Heads, Check Comb, 4051 Wire Insertion Tool, Transfer Clips (for in-service cable pairs).

### 1.0 Straight Through Conversion

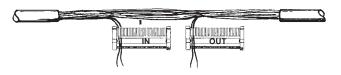
(No Slack) using Two 4041 Splice Heads

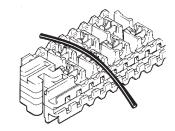
- 1.1 Sheath opening must be increased about 6" (150 mn) at each end of splice joint to cut out existing connectors.
- 1.2 Build a piece out jumper using good cable conductors between the 4000 Series Modules. Use sufficient slack to allow mobility within the splice.
- 1.3 Place appropriate piece out jumper into each splice head onto 4000-D Bases.

- 1.4 Place 4000-D module body into splice heads.
- 1.5 Place the flat side of the check comb on top of the 4000-D body and crimp-jumper wires into the 4000-D module.
- 1.6 Remove waste wire ends from 4000-D module.
- 1.7 Verify group to be cut.
- 1.8 Use bridge clips on in-service pairs, so as not to drop service.
- 1.9 Cut first straight through cable pair at pair 17 of left hand splice head. After pair has been cut, place left cut end in first wire way of body/top of left splice head; place right cut end in first wire way of right splice head.
- 1.10 Pull wire across top of "U" contact and cut off blade.



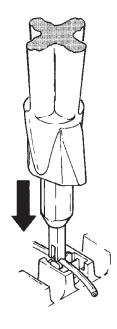




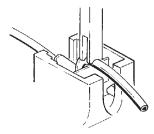


The 4051 Wire Insertion/Cut Off Tool is used to insert wires into the "U" contact and to cut off excess wire in Super Mini Modules when conductor has been inserted into the "U" contact in both 4000 Series Modules.

2.1 Push straight down forcing the conductor into the "U" contact. DO NOT ROCK TOOL BACK AND FORTH.



2.2 To cut off wire, align slot with cut off blade and groove with wire. Push straight down. Remove excess wire from module. Do not rock tool back and forth.



2.3 After all conductors have been installed into 4000 Series Module, install cover on 4000-D, and crimp.

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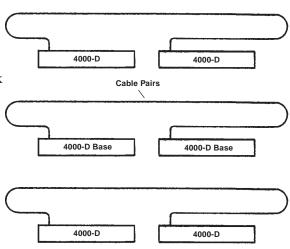
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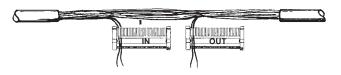
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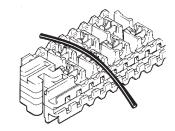
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- 1.5 Place the flat side of the check comb on top of the 4000-D body and crimp-jumper wires into the 4000-D module.
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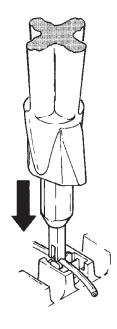




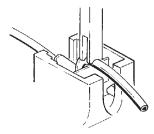


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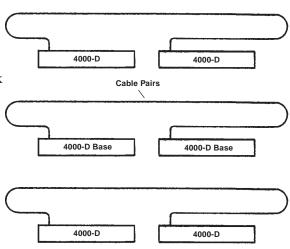
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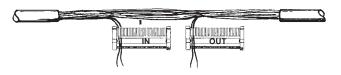
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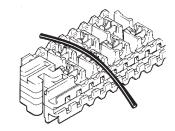
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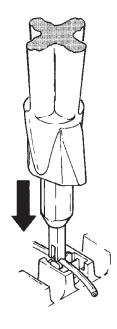




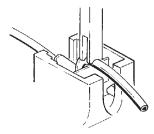


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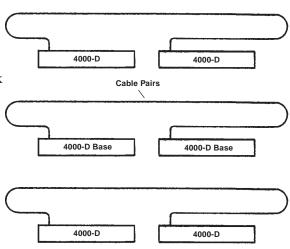
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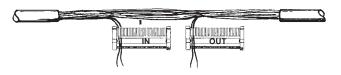
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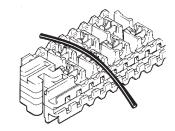
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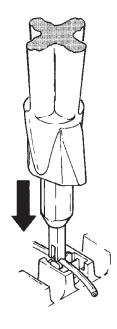




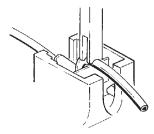


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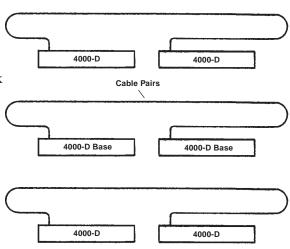
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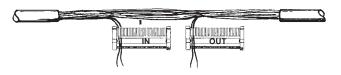
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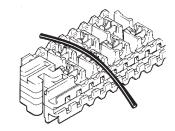
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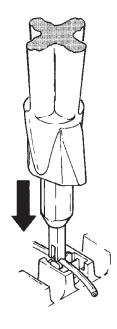




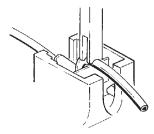


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