

3M

4077 Series Sealant Boxes

Instructions

Issue 4, September 1993

1.0 General

Use the 3M MS²™ 4077 Series Sealant Boxes for moisture resistance and reentry applications. The 4077 Series Sealant Boxes can be used in fold-back and inline splicing operations. Sealant boxes are designed for use with 4005 DPM Super Mate Connector Modules in the following applications:

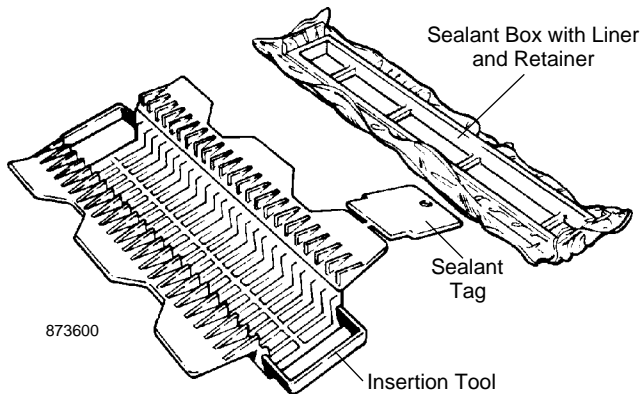
- 4077A - One 4005 DPM
- 4077B - One 4005 DPM/One 4000D
- 4077C - Two 4005 DPM's
- 4077D - Three 4005 DPM's

Note: Apply sealant box at ambient temperatures of 32-~~F~~ (0-~~C~~) or above.

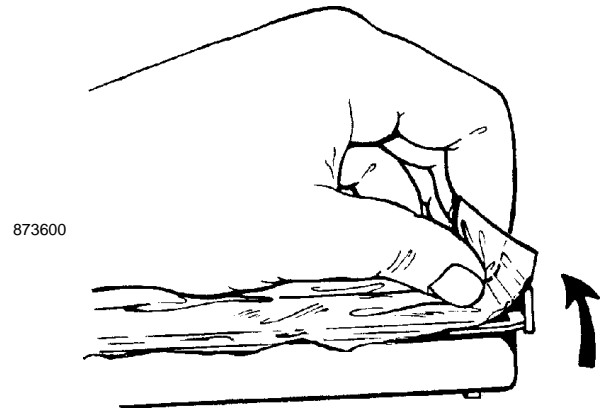
2.0 Components

Insertion Tool and Sealant Tag: 1 each per package, to be used with 12 Sealant Boxes.

Sealant Boxes: 12 per primary package.



3.02 Peel plastic liner away from the sealant. Discard liner and retainer.



3.03 Place sealant box into insertion tool.

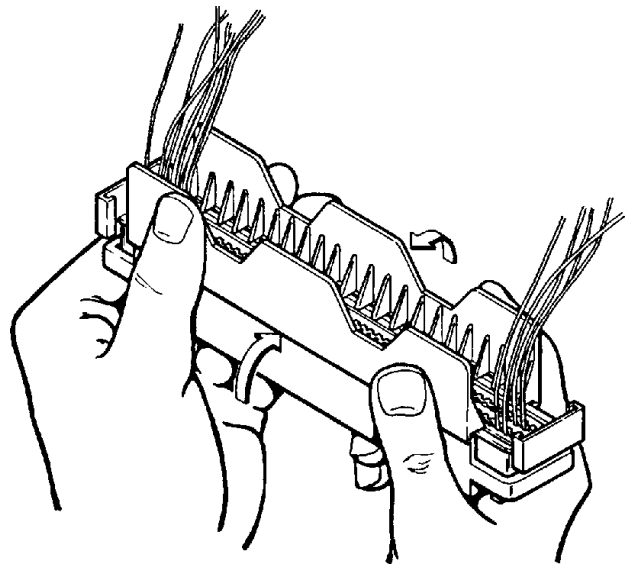
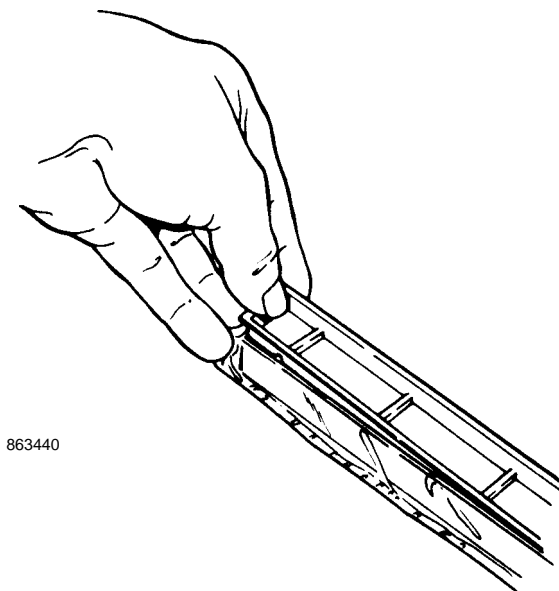
3.04 Insert module into sealant box. Partially press module into sealant with uniform force on each end.

3.05 Lift tool wings to press module completely into sealant box.

Note: The insertion tool must be used to insure proper installation of the sealant box.

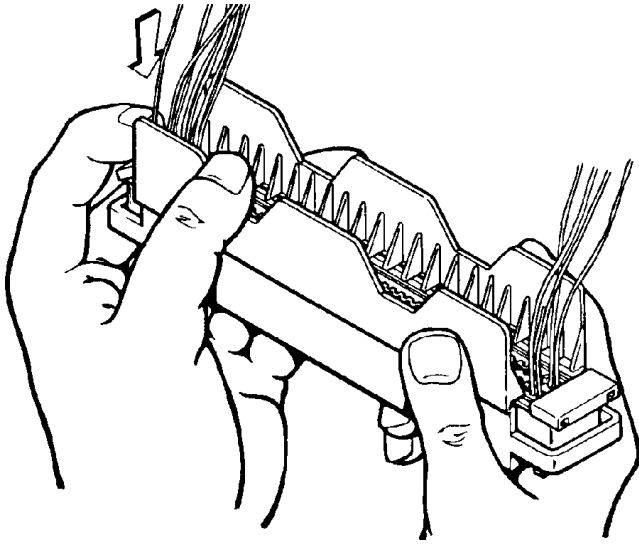
3.0 Initial Sealant Box Installation

3.01 Remove retainer.



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3.06 Snap latches on ends of sealant box to lock modules into place

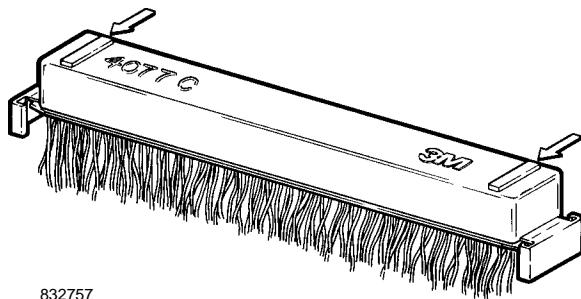


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3.07 Remove insertion tool and repeat procedure for remaining modules.

4.0 Module Reentry and Rearrangements

4.01 To remove module from sealant box, release end latches and remove nipples (see arrows below) from base of box with snips or sheath knife. Remove module.



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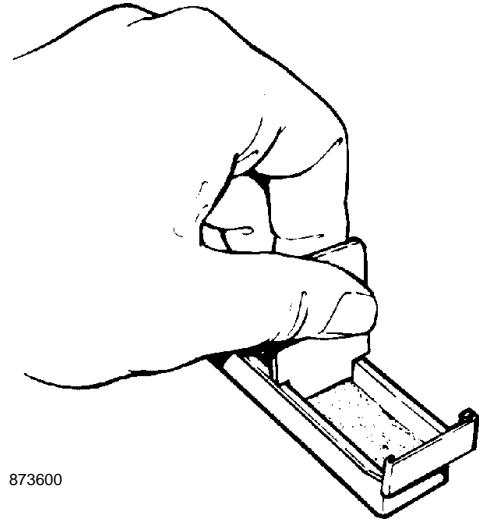
Note: Sealant boxes must not be reused.

4.02 Wipe grease from test port side of module.

4.03 Perform necessary rearrangement of modules.

4.04 To install new sealant box, follow initial installation procedures with the following exception:

Twist Sealant Tag and remove from insertion tool. Before inserting module, use sealant tag to remove excess grease from the box. Scrape grease with tag held vertically.



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Note: When wire ports have been filled previously with sealant, it will be necessary to remove a small amount of grease from the new sealant box to allow easy module insertion. Use this procedure when ONE OR MORE of the modules in the rearrangement has previously been in a sealant box.

Note: Carefully follow safety, health and environmental information on the product label or Material Safety Data Sheet.

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