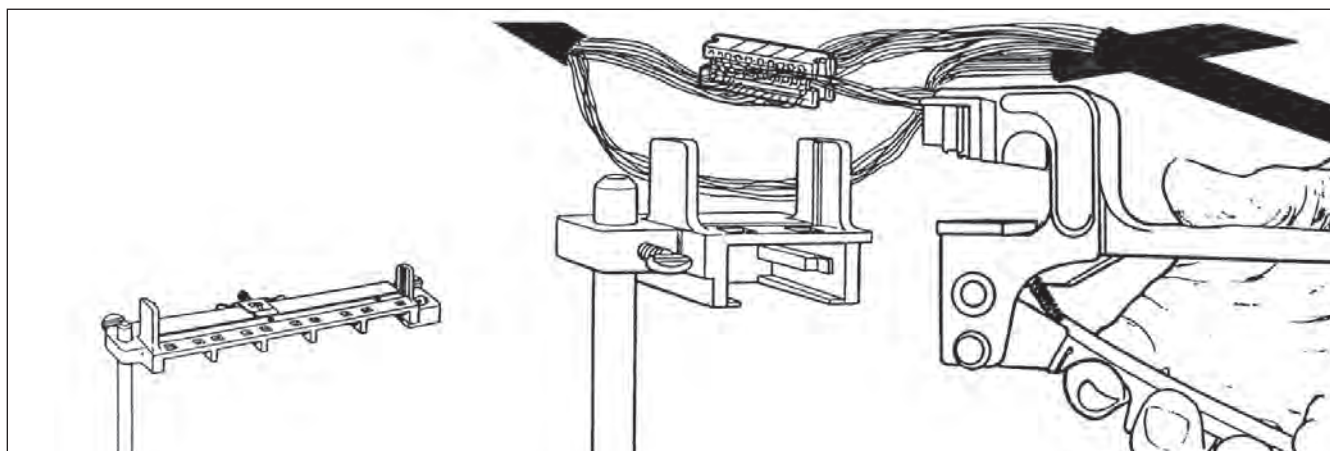




5-Pair Hand Presser Tool Kit 3M[™] 710 Modular Splicing for Splicing 5 and 25-Pair 3M[™] 710 Modular Splice Connectors

Instructions



3M™ 710 Splice Connector Ordering Codes

Splice Type	Pair Count	Wire Gauge Range (mm)	Descriptive Code	Ordering Code
Straight/Half-Tap	25	24/26 (0.5 - 0.4)	A	3M™ 710-SD1-25
Straight/Half-Tap	25	24/26 (0.5 - 0.4)	B	3M™ 710-TC1-25
Straight/Half-Tap	25	22/24 (0.65 - 0.5)	A	3M™ 710-SDL-25
Straight/Half-Tap	25	22/24 (0.65 - 0.5)	B	3M™ 710-TCL-25
Straight Only	25	24/26 (0.5 - 0.4)	B	3M™ 710-SC1-25
Straight Only	25	22/24 (0.65 - 0.5)	B	3M™ 710-SCL-25
Bridge	25	22/26 (0.65 - 0.4)	A	3M™ 710-BD1-25
Bridge	25	22/26 (0.65 - 0.4)	B	3M™ 710-BC1-25
Straight/Half-Tap	5	22/26 (0.65 - 0.4)	A	3M™ 710-SD1-5
Straight/Half-Tap	5	22/26 (0.65 - 0.4)	B	3M™ 710-TC1-5
Straight Only	5	22/26 (0.65 - 0.4)	B	3M™ 710-SC1-5
Bridge	5	22/26 (0.65 - 0.4)	A	3M™ 710-BD1-5
Bridge	5	22/26 (0.65 - 0.4)	B	3M™ 710-BC1-5

3M™ 710 Modular Component Ordering Codes

Description	Pair Count	Wire Gauge Range (mm)	Descriptive Code	Ordering Code
Index Strip	25	24/26 (0.5 - 0.4)	A and B	3M™ 710-ID1-25
Large Gauge Index Strip	25	22/24 (0.65 - 0.5)	A and B	3M™ 710-IDL-25
Solid Cap - Dry	25	22/26 (0.65 - 0.4)	A	3M™ 710-CD1-25
Solid Cap - Filled	25	22/26 (0.65 - 0.4)	B	3M™ 710-CC1-25
Half-Tap Cover	5* and 25	N/A	A and B	3M™ 710-HTC-25
Filler Strip	5* and 25	N/A	A and B	3M™ 710-FS-25

* Cut 25-pair size to fit 5-pair size

Descriptive Codes

A = Dry Module for PIC/PVC, Pulp or Paper Insulation - Encapsulated and Flame Retardant Applications
 B = Filled Module for PIC/PVC Insulation - Sealed, Free-Breathing, Non-Encapsulated, and Non-Flame Retardant Applications

PLEASE BECOME FAMILIAR WITH THESE SYMBOLS



REMOVE



CUT



LOOSEN



DIRECTIONAL



SEAT



TIGHTEN
SECURELY



INPLACE



NOT SUPPLIED
WITH KIT

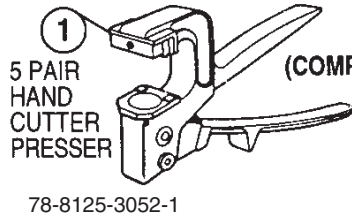


OPTIONAL
ITEM

★ EXTREMELY IMPORTANT STEPS TO FOLLOW

○ PARTS IDENTIFICATION

(COMPONENTS MAY VARY, DEPENDING ON MODEL OF KIT ORDERED)



78-8125-3052-1



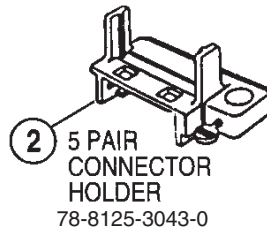
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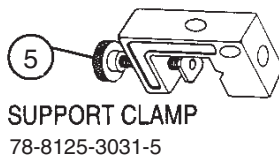
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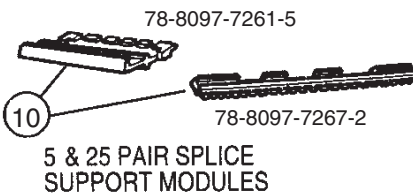
78-8125-3338-4



78-8125-3043-0



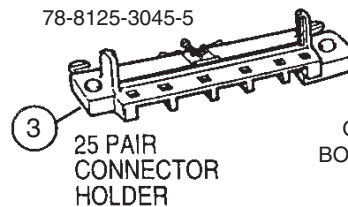
78-8125-3031-5



78-8097-7261-5

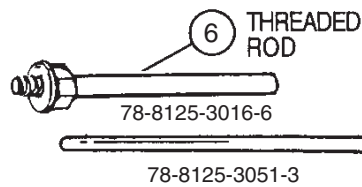
78-8097-7267-2

5 & 25 PAIR SPLICE
SUPPORT MODULES



78-8125-3045-5

25 PAIR
CONNECTOR
HOLDER



78-8125-3016-6

78-8125-3051-3

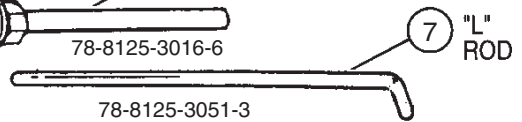


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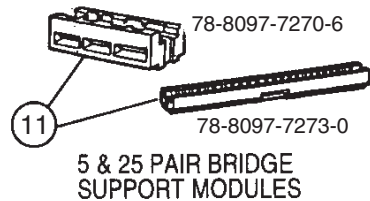


78-8125-3348-3

78-8125-3040-6



78-8125-3051-3



78-8097-7270-6

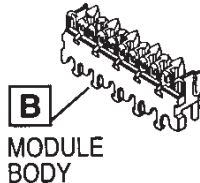
78-8097-7273-0

5 & 25 PAIR BRIDGE
SUPPORT MODULES

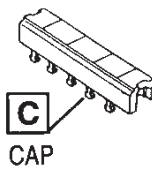
□ SUPPLEMENTARY ITEMS - (Not Included in Kit)



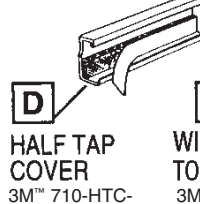
A INDEX STRIP



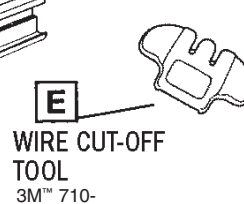
B MODULE BODY



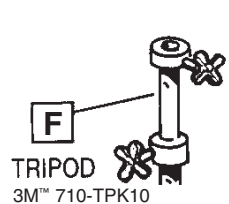
C CAP



D HALF TAP
COVER
3M™ 710-HTC-

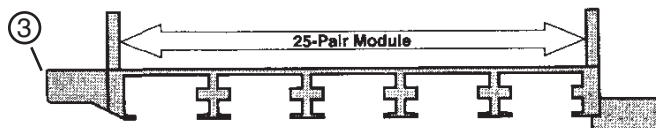


E WIRE CUT-OFF
TOOL
3M™ 710-



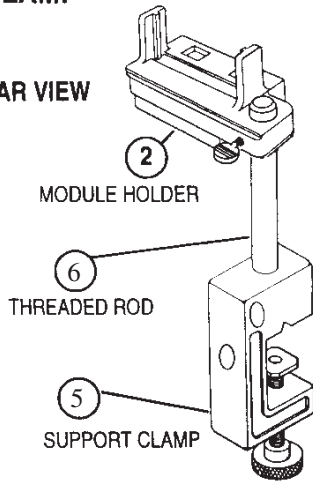
F TRIPOD
3M™ 710-TPK10

25 PAIR CONNECTOR HOLDER



1 ATTACH MODULE HOLDER TO SUPPORT CLAMP

REAR VIEW



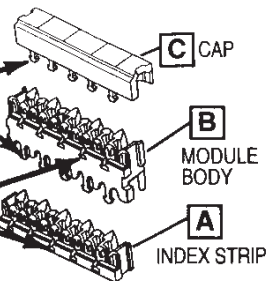
2 3M710 5-PAIR MODULE

LATCHES

LATCH LOCKS

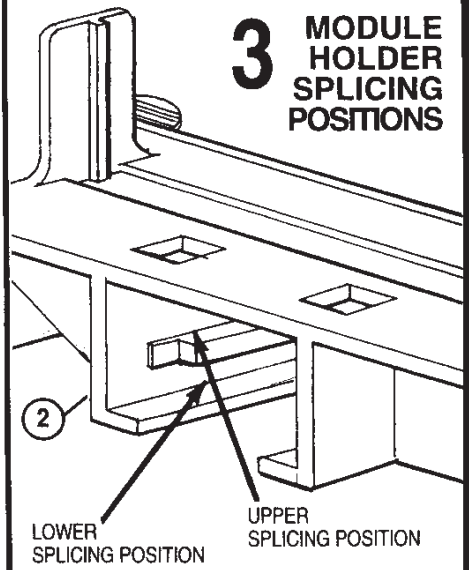
MODULE HOLDER

FRONT VIEW



3 MODULE HOLDER SPLICING POSITIONS

LOWER SPLICING POSITION
UPPER SPLICING POSITION



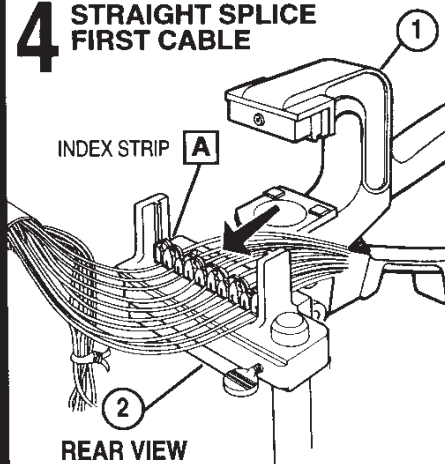
4 STRAIGHT SPLICE FIRST CABLE

INDEX STRIP

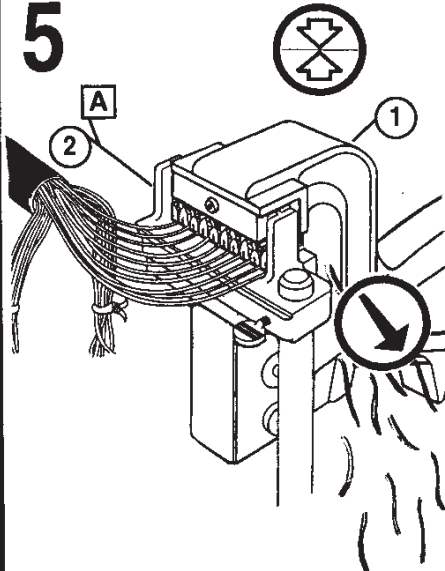
REAR VIEW

LOCATE HAND TOOL IN HOLDER AT LOWER SPLICING POSITION

SEE "3" FOR SPLICING POSITIONS

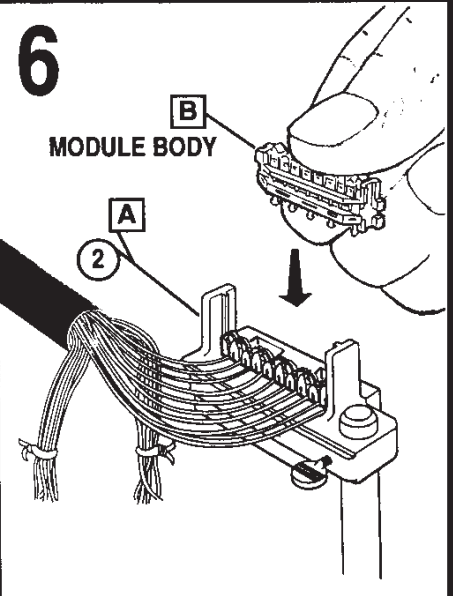


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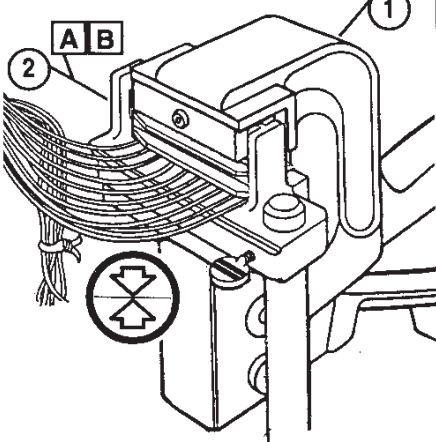


6

MODULE BODY

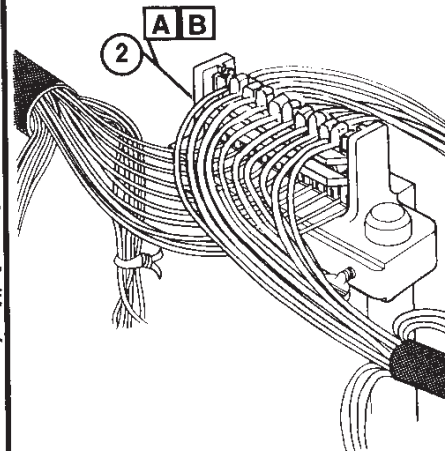


7 LOCATE HAND TOOL IN HOLDER AT UPPER SPLICING POSITION



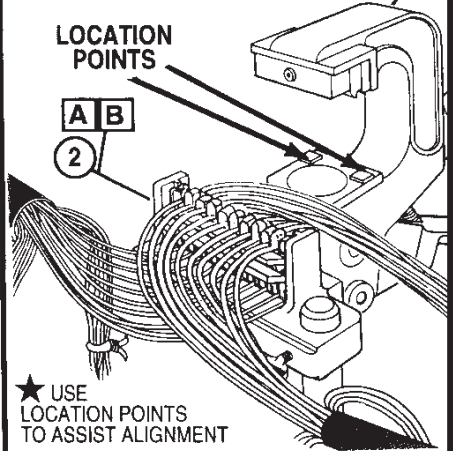
SEE "3" FOR SPLICING POSITIONS

8 STRAIGHT SPLICE SECOND CABLE



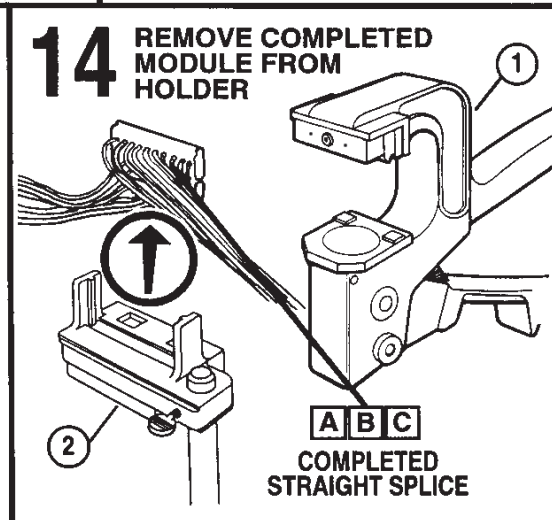
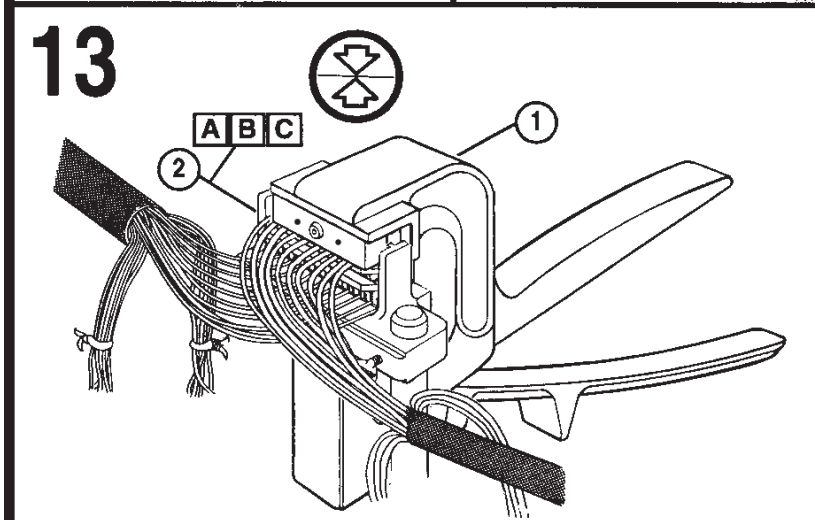
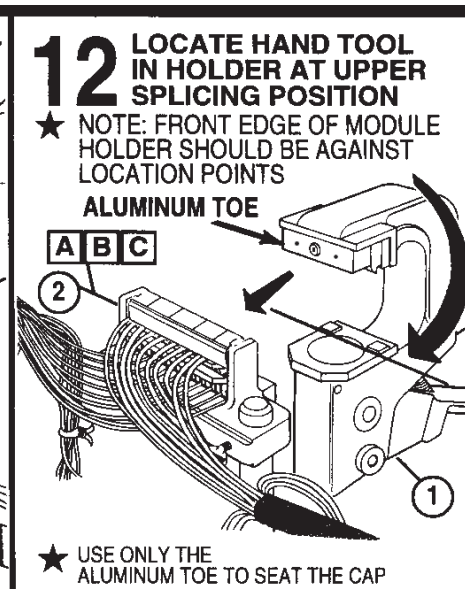
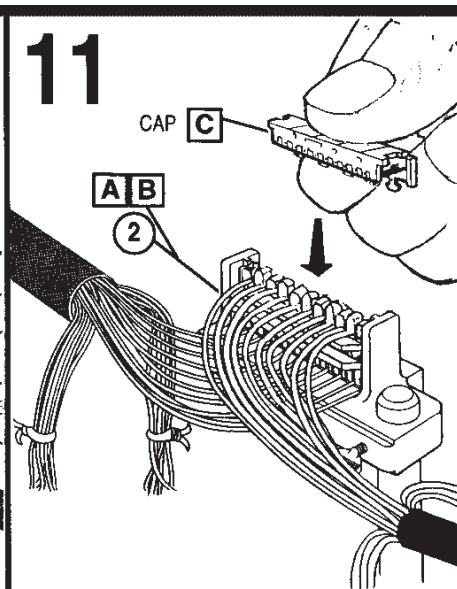
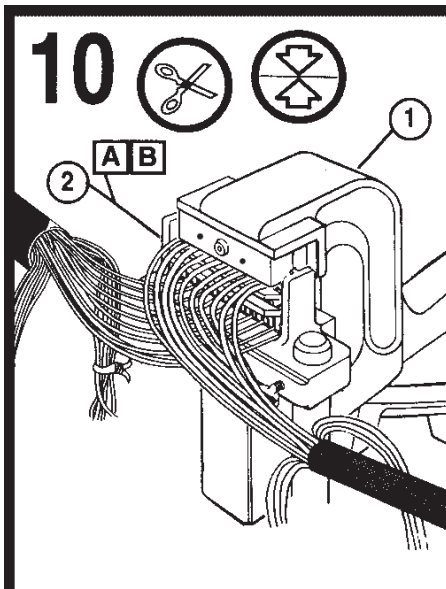
9 LOCATE HAND TOOL IN HOLDER AT UPPER SPLICING POSITION

LOCATION POINTS

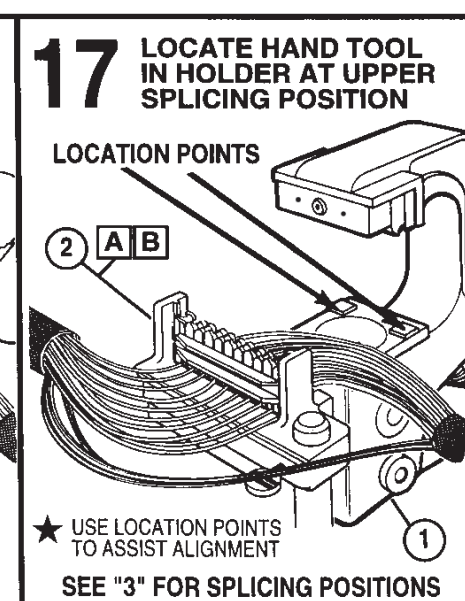
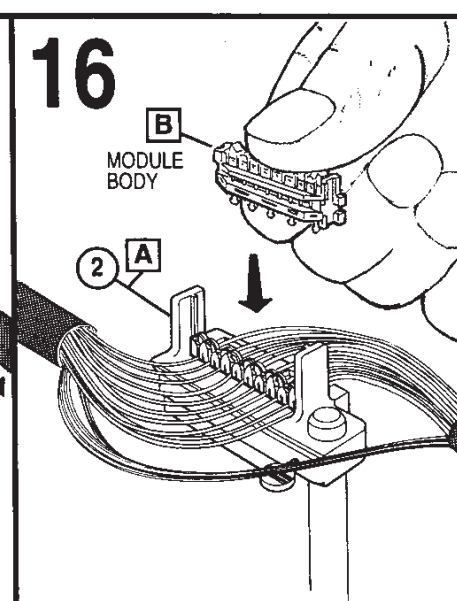
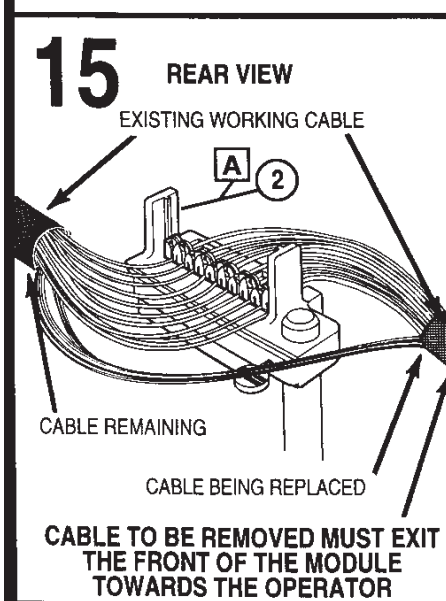


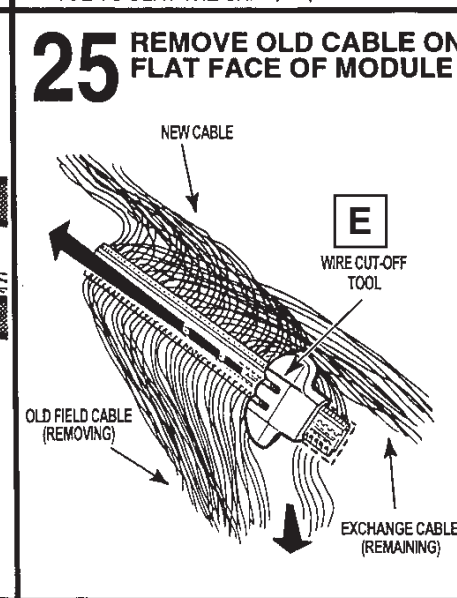
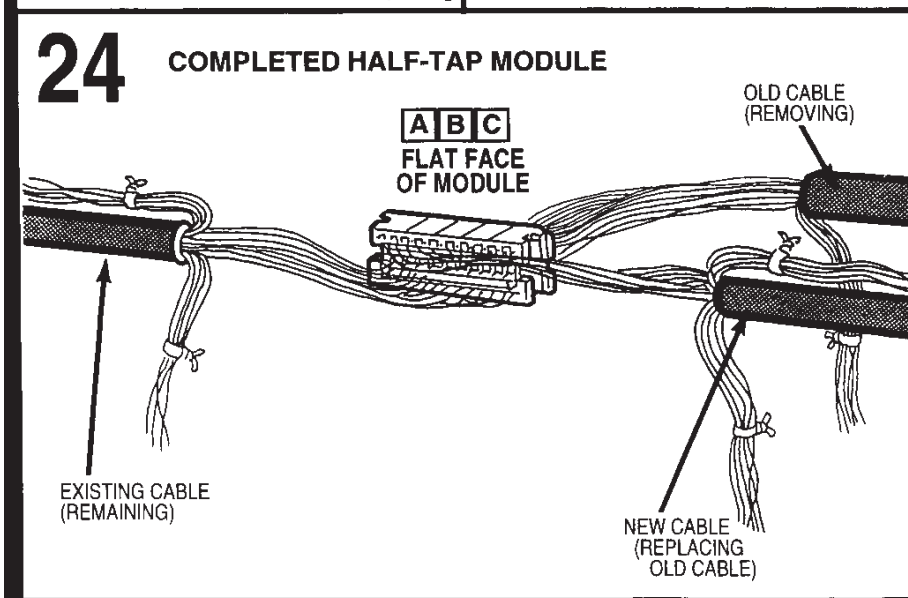
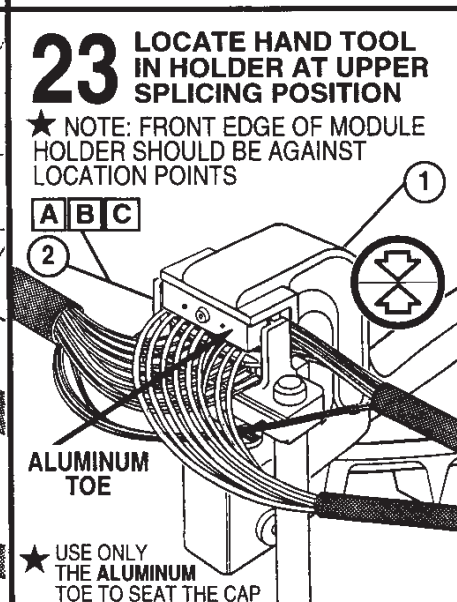
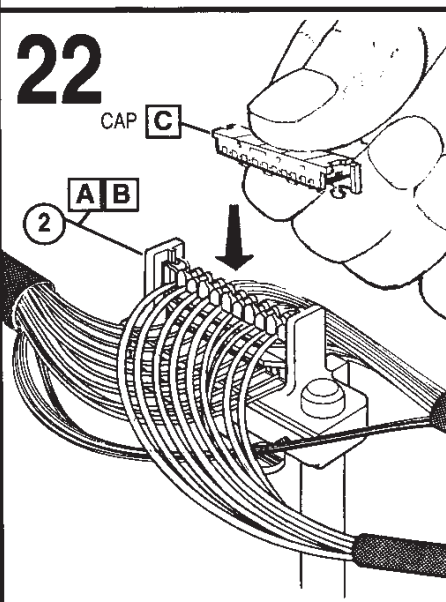
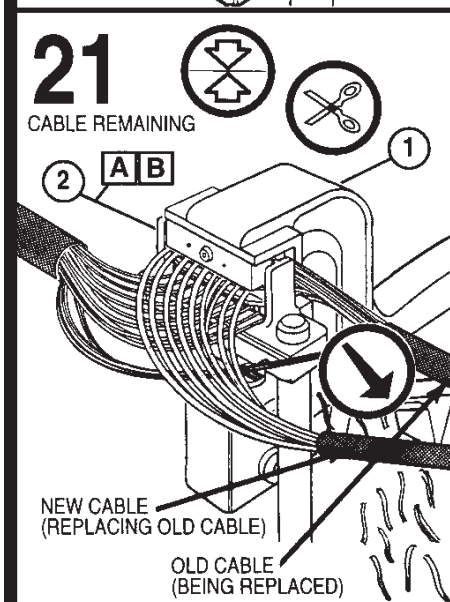
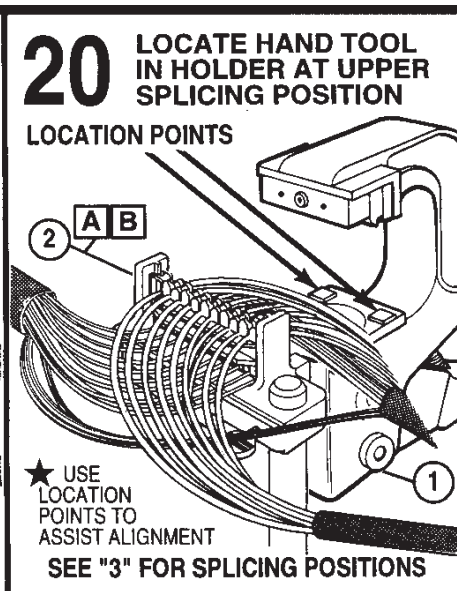
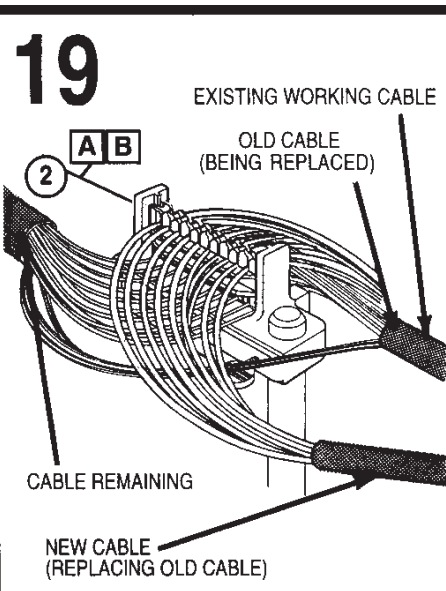
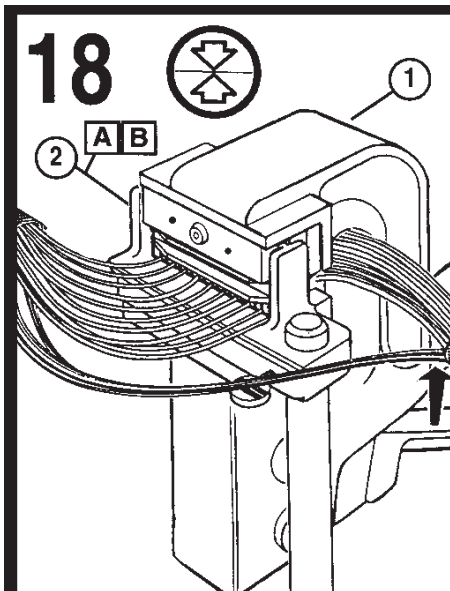
★ USE LOCATION POINTS TO ASSIST ALIGNMENT

SEE "3" FOR SPLICING POSITIONS



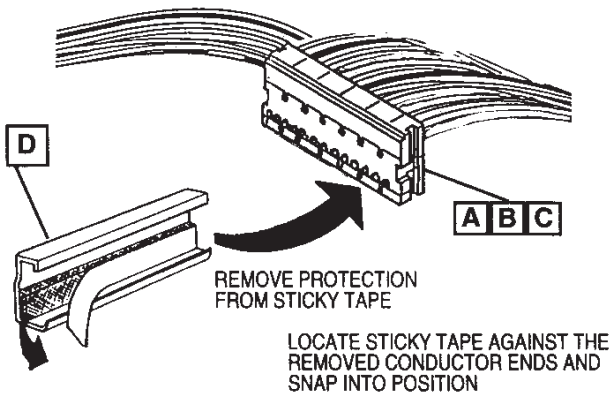
TECHNIQUE FOR HALF-TAP SPLICING - NON-SERVICE INTERRUPTION CABLE CUT-OVER





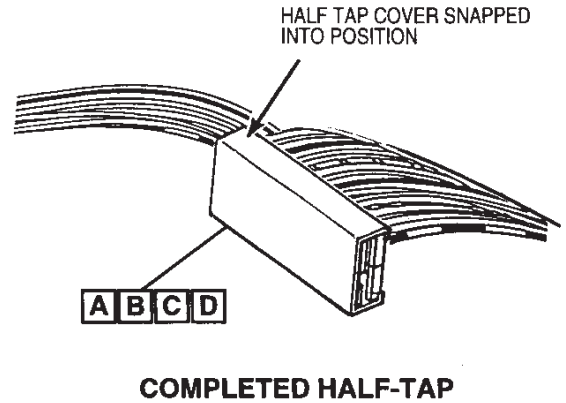
26

HALF-TAP COVER



27

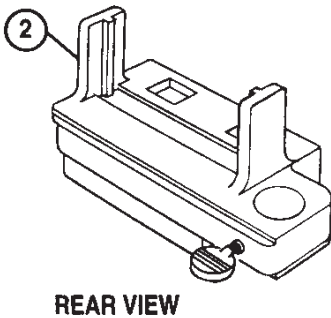
NON SERVICE INTERRUPTION CABLE CHANGE OVER COMPLETED



CONSTRUCTING A BOTTOMLESS SPLICE FOR "PIECING OUT" TIGHT WORKING CABLES - NON-INTERRUPTION METHOD

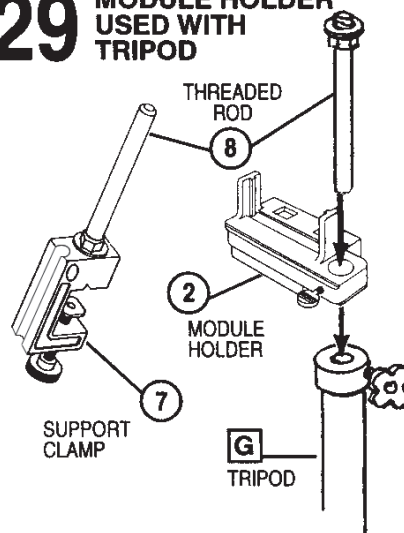
28

5-PAIR MODULE HOLDER



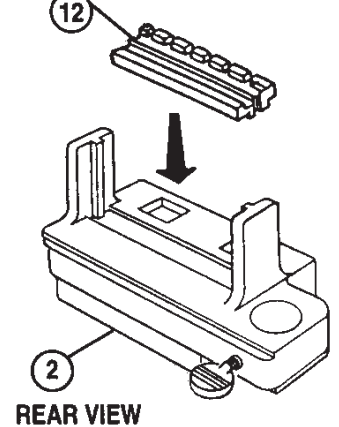
29

MODULE HOLDER USED WITH TRIPOD



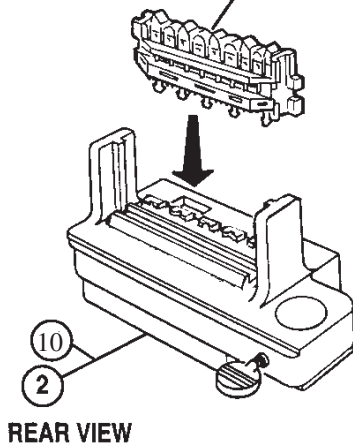
30

SPLICE SUPPORT MODULE



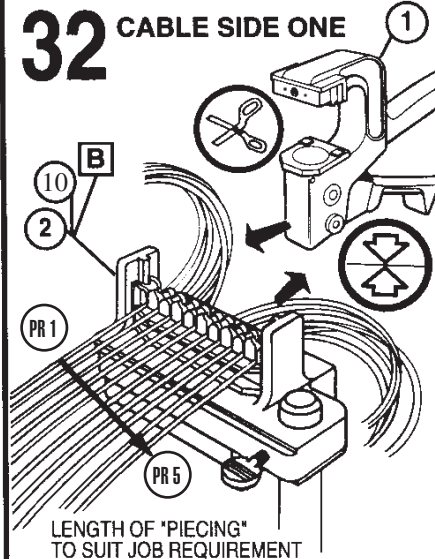
31

MODULE BODY



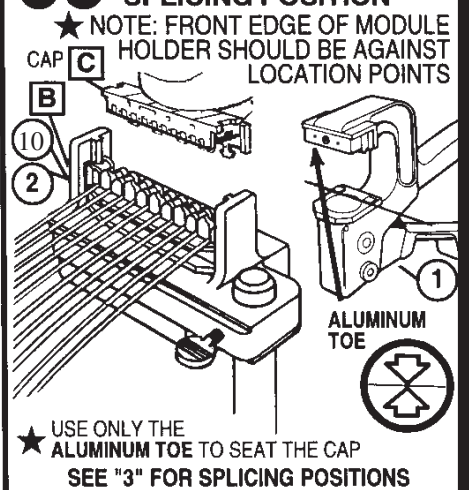
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CABLE SIDE ONE



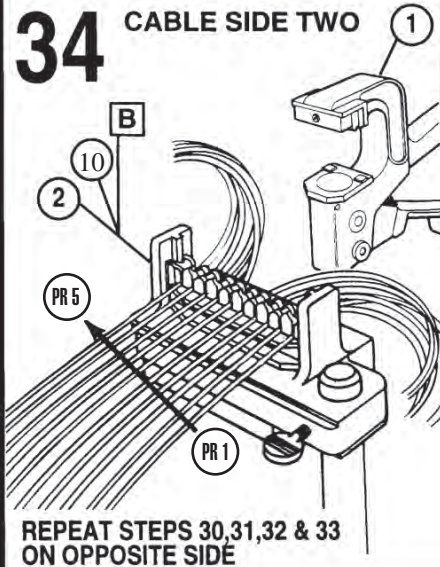
33

LOCATE HAND TOOL IN HOLDER AT UPPER SPLICING POSITION



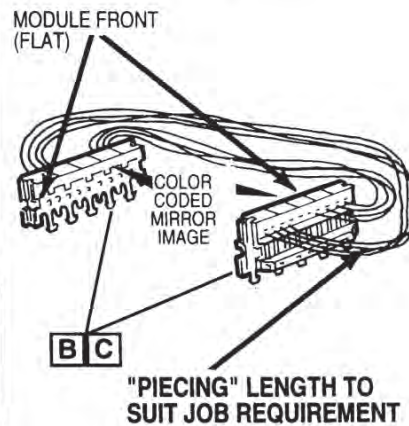
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CABLE SIDE TWO



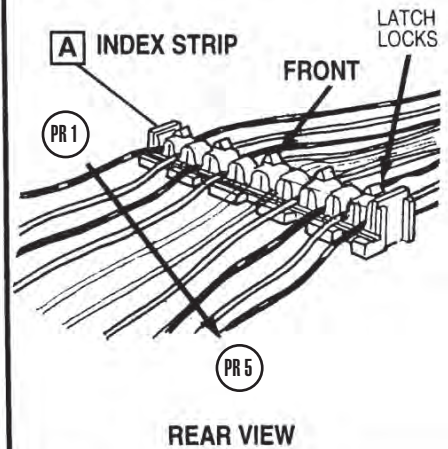
35

COMPLETED
BOTTOMLESS
"PIECING"

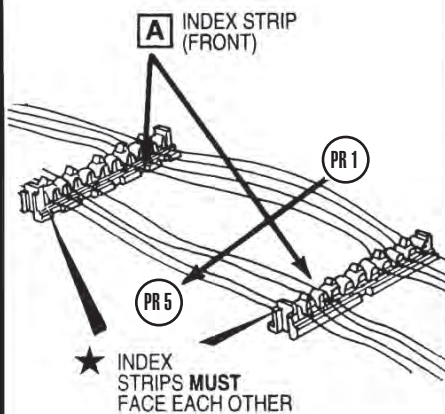


36

EXISTING TIGHT
CABLE PREPARATION

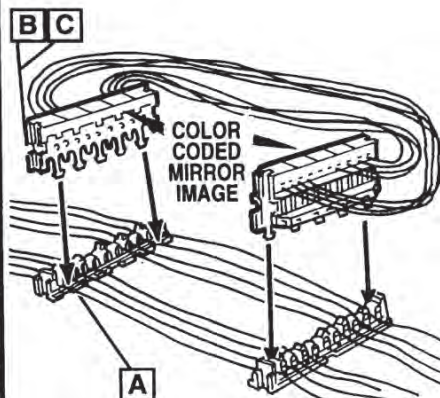


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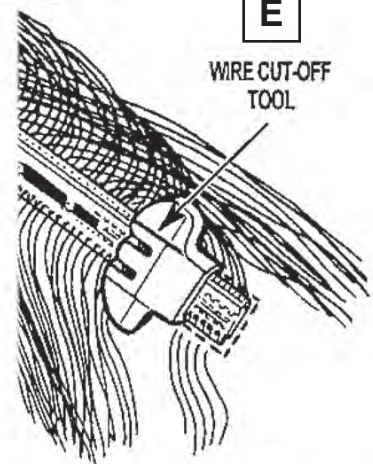


38

"PIECING" LENGTH TO
SUIT JOB REQUIREMENT



39



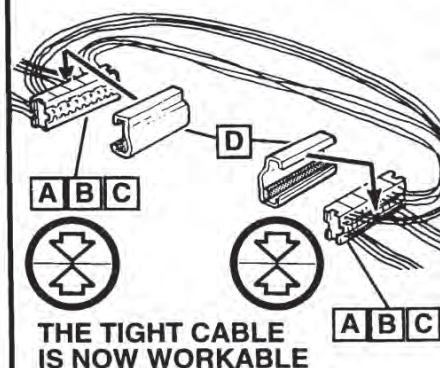
40

HALF TAP COVER

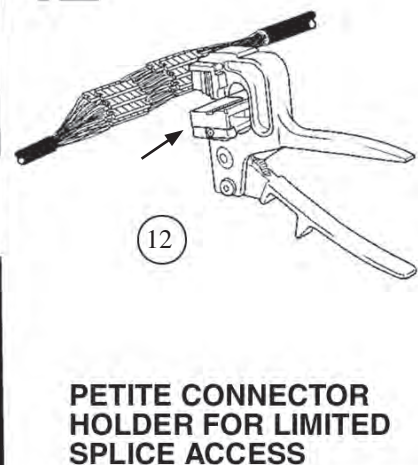


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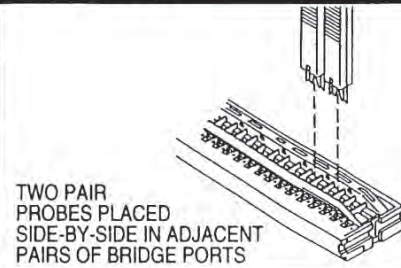
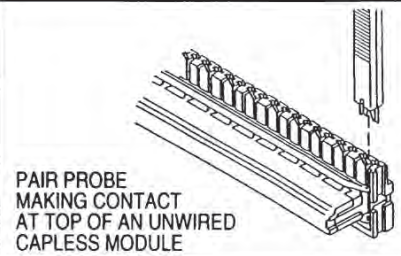
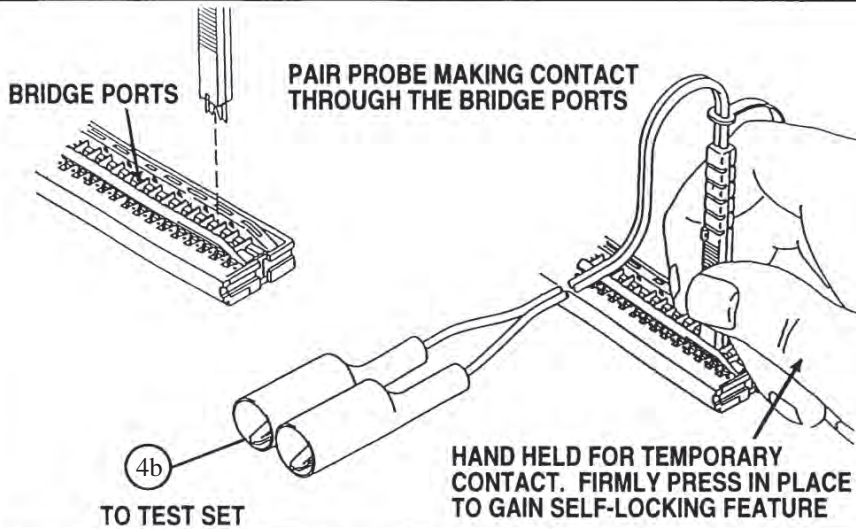
LOCATE STICKY TAPE AGAINST
THE REMOVED CONDUCTOR
ENDS AND SNAP INTO POSITION



42



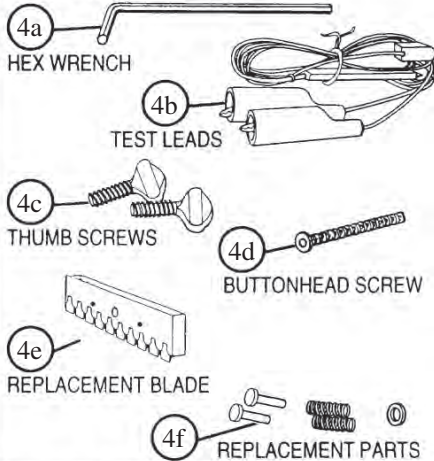
3M™ 710-AP120 SINGLE PAIR TEST LEAD INSTRUCTIONS FOR USE WITH ALL PAIR COUNTS OF CONNECTORS



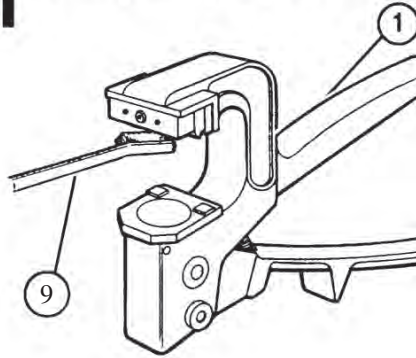
TOOL MAINTENANCE

MAINTENANCE PARTS:

(COMPONENTS MAY VARY, DEPENDING ON MODEL OF KIT ORDERED)

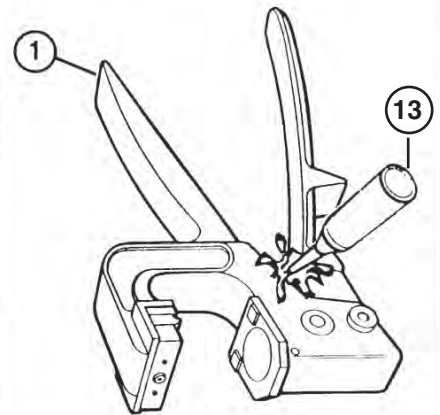


1 CLEAN DAILY BEFORE USE



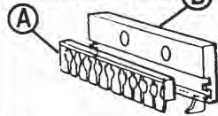
CHECK STUFFERS FOR DEBRIS AND SCRAP WIRE

2 PERIODICALLY LUBRICATE MOVING PARTS

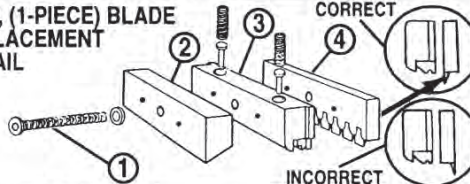


3 BLADE REPLACEMENT PROCEDURE 3M™ 710-AP105-05

OLD, (2-PIECE) BLADE DETAIL



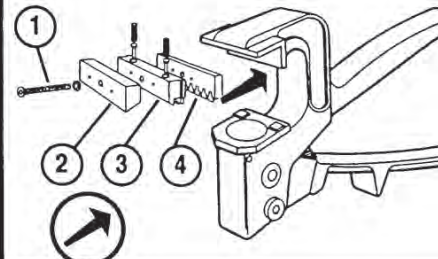
NEW, (1-PIECE) BLADE REPLACEMENT DETAIL



REMOVE OLD, (2-PIECE) BLADE AND DISCARD



INSERT NEW, (1-PIECE) BLADE



3a



**BEFORE FINAL TIGHTENING
COMPRESS AN INDEX STRIP TO
CORRECTLY LOCATE THE NEW
BLADE AND STUFFER UNIT**

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3M Telecommunications**

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