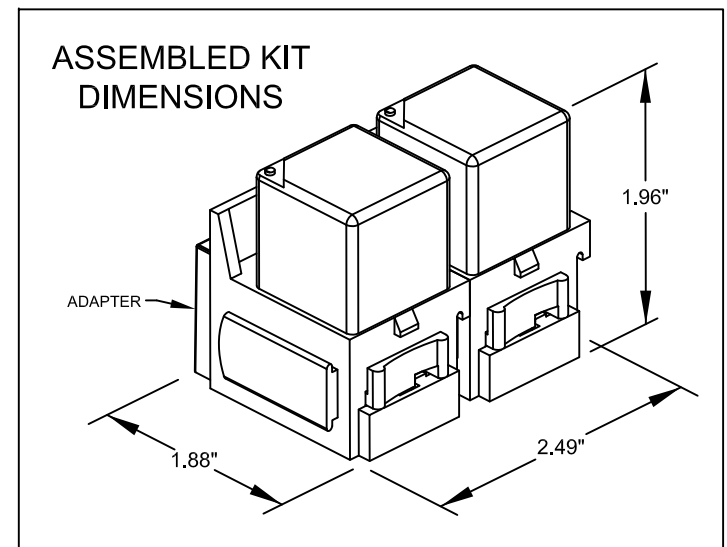
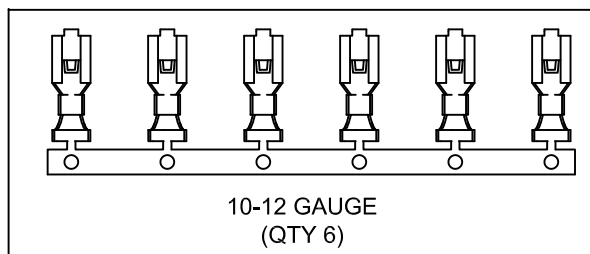
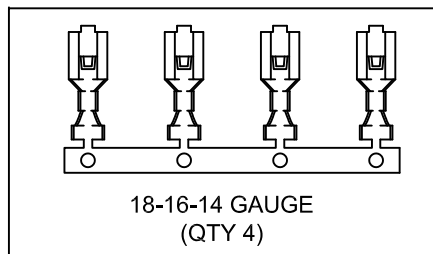
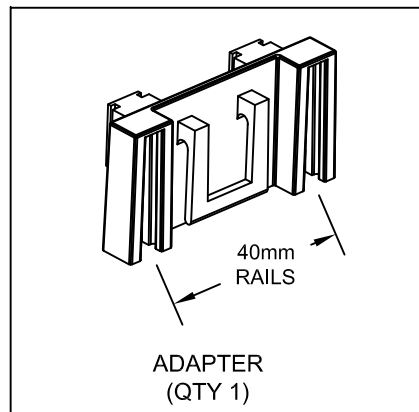
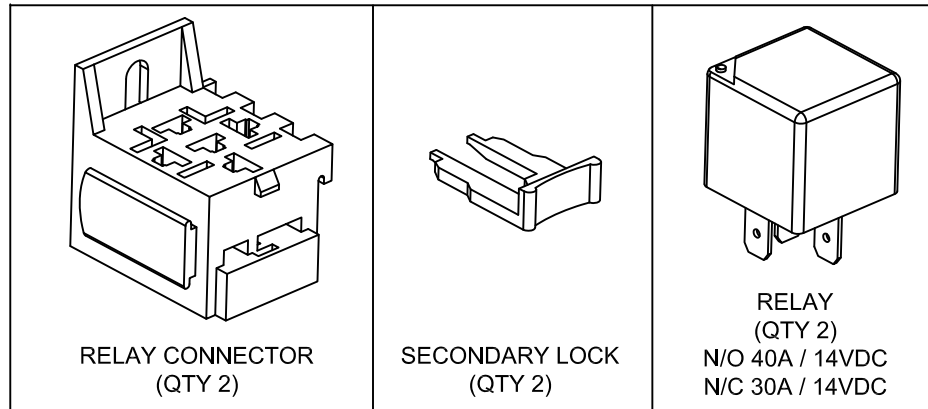


DUAL RELAY ADAPTER KIT WITH 40MM MOUNTING RAILS

READ ALL INSTRUCTIONS CAREFULLY BEFORE PROCEEDING.

- THIS DUAL RELAY ADAPTER ALLOWS ONE OR TWO RELAYS TO BE ATTACHED TO AN ATO SERIES FUSE BLOCK WITH AVAILABLE 40MM MOUNTING RAILS. IT CAN ALSO BE ATTACHED TO 1970 & UP FACTORY GM GLASS FUSE SERIES FUSE BLOCKS WITH AVAILABLE 40MM MOUNTING RAILS. SEE PAGE 10.
- THIS KIT MAY ALSO BE USED AS A STAND-ALONE APPLICATION FOR IN-LINE USE. WHEN USED IN A STAND ALONE APPLICATION, THE 40MM ADAPTER IS NOT NEEDED.
- THE CUSTOMER MUST DETERMINE IF THERE IS SUFFICIENT CLEARANCE TO MOUNT THIS ADAPTER KIT TO THE FUSE BLOCK OR IN A STAND-ALONE APPLICATION. SEE PAGE 2.
- THE CUSTOMER IS RESPONSIBLE FOR DETERMINING THE AMPERAGE LOAD NEEDED TO ENSURE THE APPROPRIATE TERMINALS ARE SELECTED FOR HANDLING THE AMPERAGE LOADS PASSING THROUGH THE RELAYS. SEE PAGE 3 FOR GUIDELINES.

CONTENTS



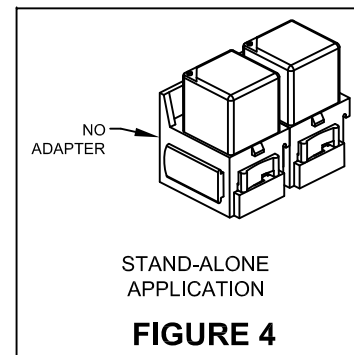
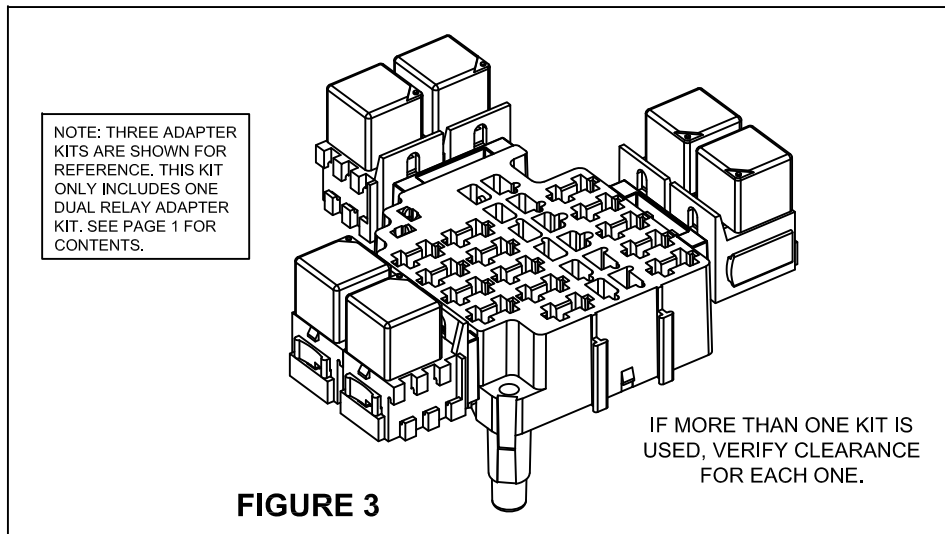
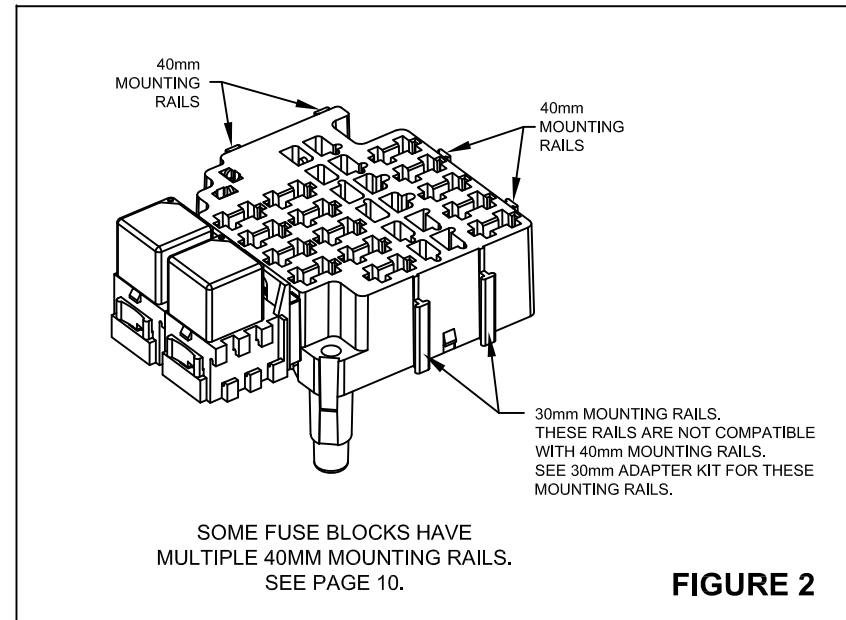
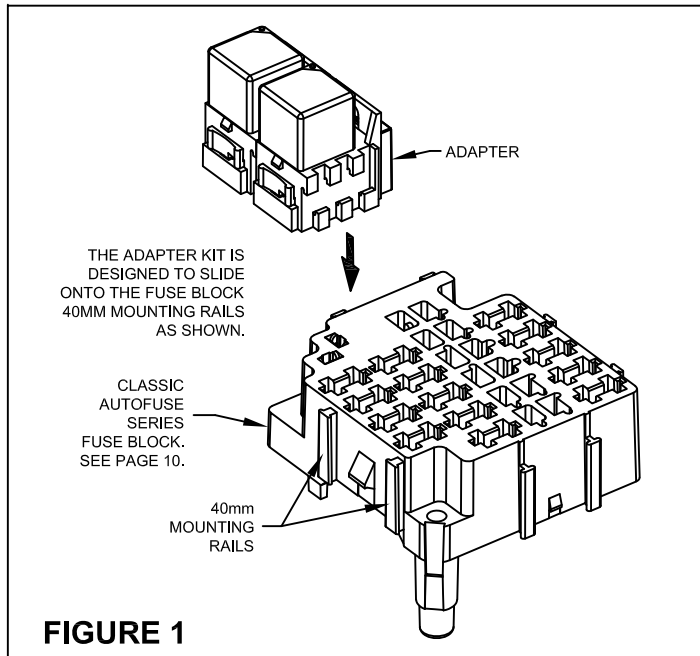
TITLE	
INSTRUCTION SHEET DUAL RELAY ADAPTER KIT WITH 40MM MOUNTING RAILS	
DWG NO.	SHEET NO.
92974220	1 OF 10

DUAL RELAY ADAPTER CLEARANCE

BEFORE PROCEEDING, VERIFY ATO FUSE BLOCK HAS ENOUGH CLEARANCE IN THE VEHICLE TO ATTACH THE DUAL RELAY ADAPTER. SEE FIGURE 1, 2 & 3. OR, VERIFY CLEARANCE FOR DESIRED LOCATION IF USING IN A STAND-ALONE APPLICATION. SEE FIGURE 4. TYPICAL LOCATION FOR MOUNTING IS NEAR FUSE BLOCK. HOWEVER, IT CAN BE LOCATED IN THE ENGINE COMPARTMENT OR PASSENGER COMPARTMENT.

NOTE: ATO FUSE BLOCK SHOWN IS FOR REFERENCE ONLY. YOUR FUSE BLOCK MAY LOOK DIFFERENT BUT CLEARANCE WILL STILL NEED TO BE VERIFIED. SEE PAGE 10 FOR MORE ATO FUSE BLOCK REFERENCES.

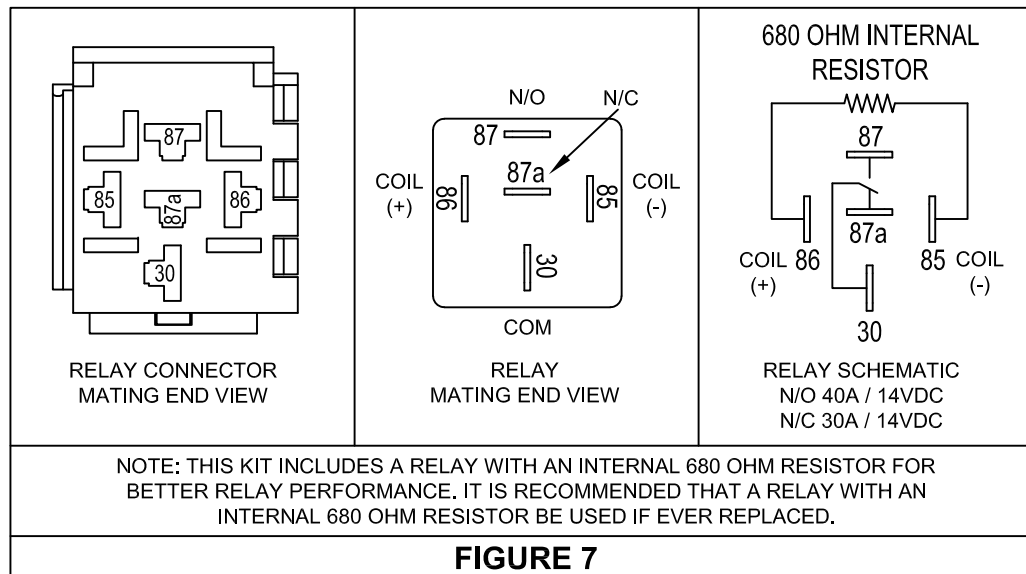
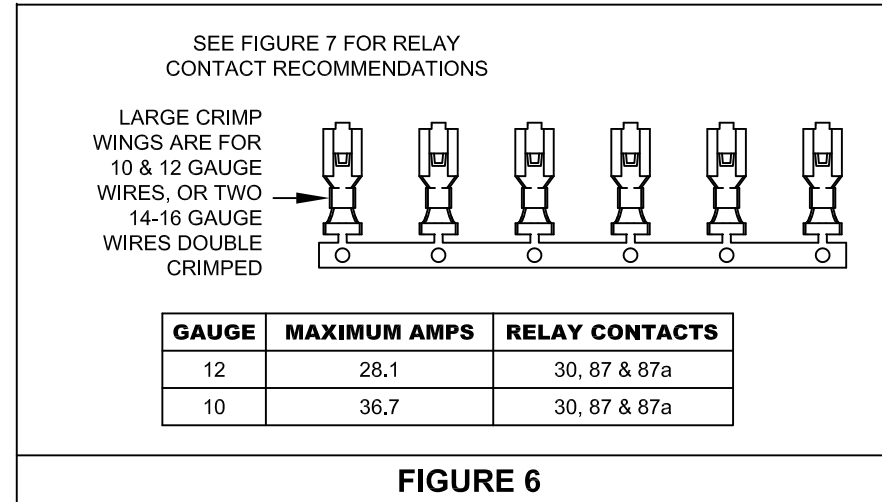
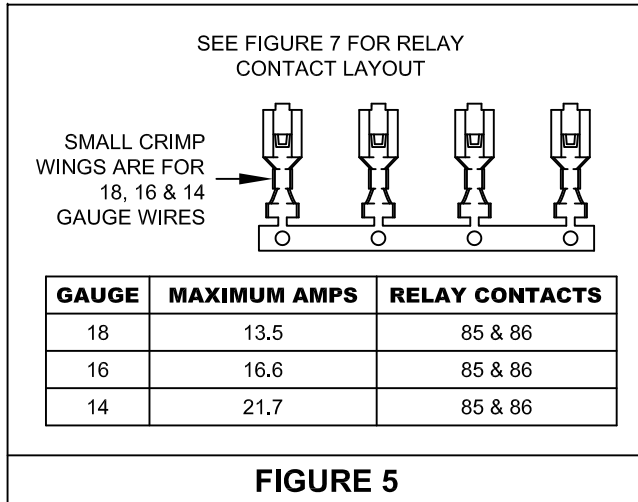
IF THERE IS ENOUGH CLEARANCE TO ATTACH THE RELAY ADAPTER ON ANY OF THE AVAILABLE 40MM RAILS, OR IN A STAND-ALONE APPLICATION, THEN PROCEED TO PAGE 3 OF THESE INSTRUCTIONS.



TITLE	
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GUIDELINES FOR DETERMINING TERMINAL AMPERAGE AND CONFIGURATION

THE CUSTOMER IS RESPONSIBLE FOR ENSURING PROPER TERMINAL SELECTION OF EACH CIRCUIT & AMPERAGE LOAD DESIGN WHEN USING THIS KIT. SEE FIGURES 5, 6, & 7 FOR TERMINAL SELECTION GUIDELINES.



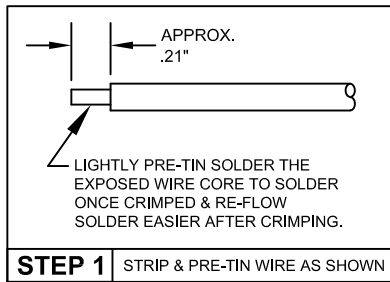
M&H ELECTRIC FABRICATORS, INC.
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TITLE
**INSTRUCTION SHEET
DUAL RELAY ADAPTER KIT
WITH 40MM MOUNTING RAILS**

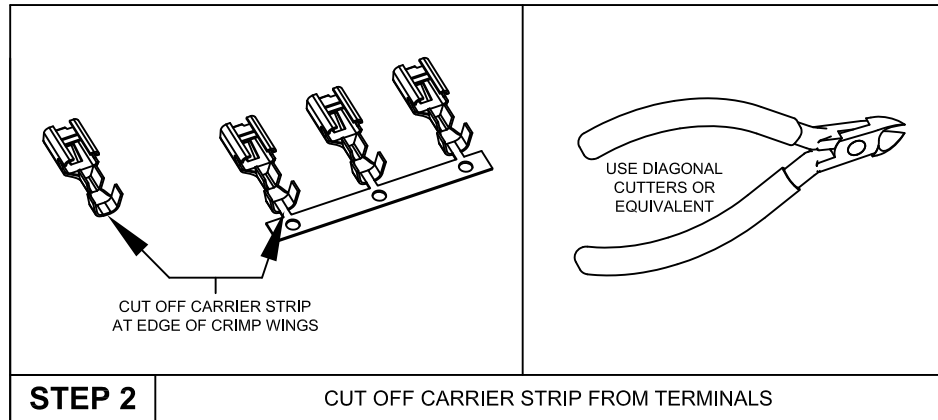
DWG NO. **92974220** SHEET NO. 3 OF 10

TERMINAL PREPARATION AND CRIMPING

CRIMP WIRE TO TERMINAL AS SHOWN IN STEPS 1 THRU 4.

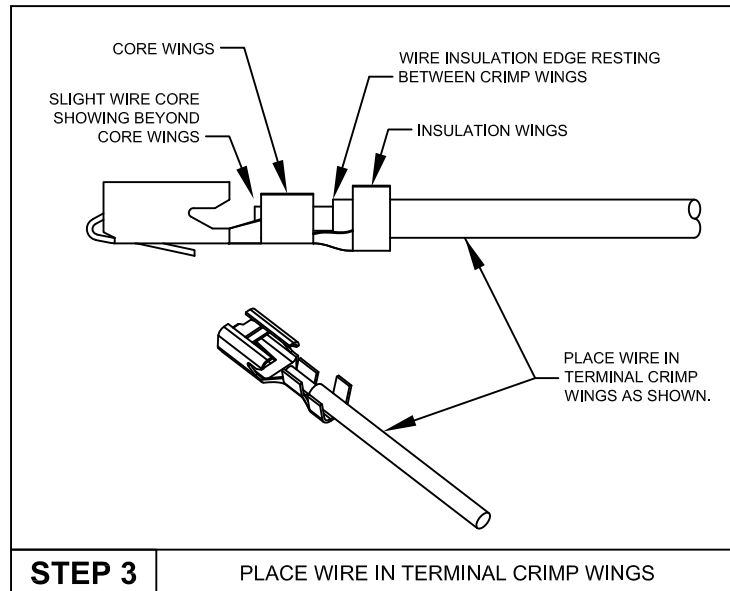


STEP 1 STRIP & PRE-TIN WIRE AS SHOWN



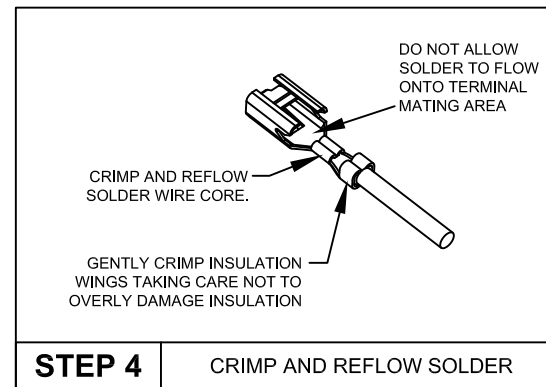
STEP 2

CUT OFF CARRIER STRIP FROM TERMINALS



STEP 3

PLACE WIRE IN TERMINAL CRIMP WINGS



STEP 4

CRIMP AND REFLOW SOLDER

NOTE : COMMERCIAL CRIMPERS FOR "B" CRIMPING ARE VERY COMMON AND SHOULD BE USED ON SINGLE TERMINALS. HOWEVER, THEY DO NOT FULLY MEET FACTORY CRIMP SPECIFICATIONS SO SOLDERING IS RECOMMENDED.



TITLE

INSTRUCTION SHEET
DUAL RELAY ADAPTER KIT
WITH 40MM MOUNTING RAILS

DWG NO.

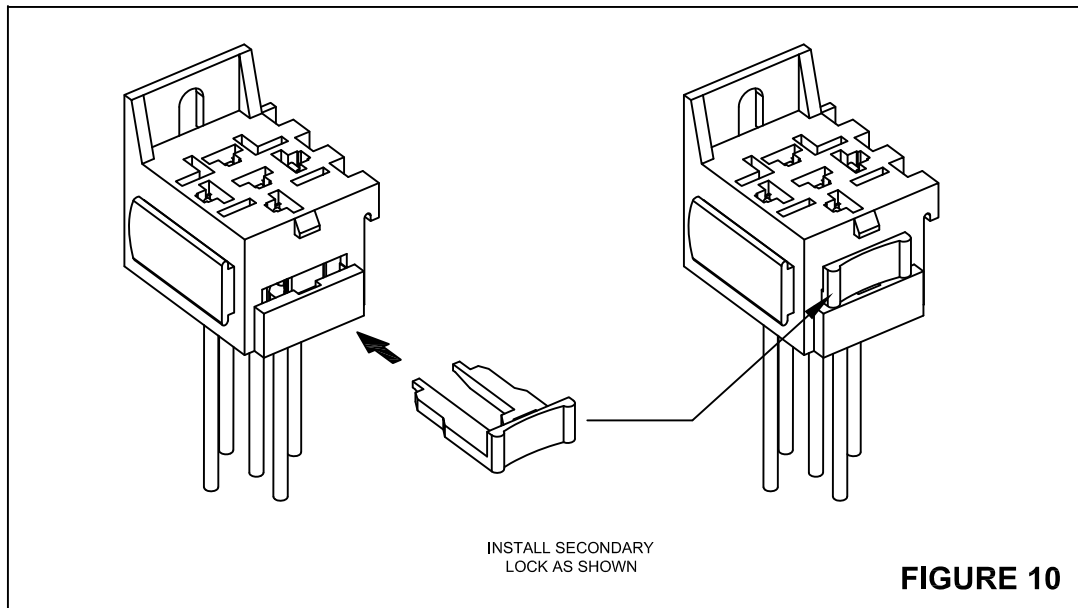
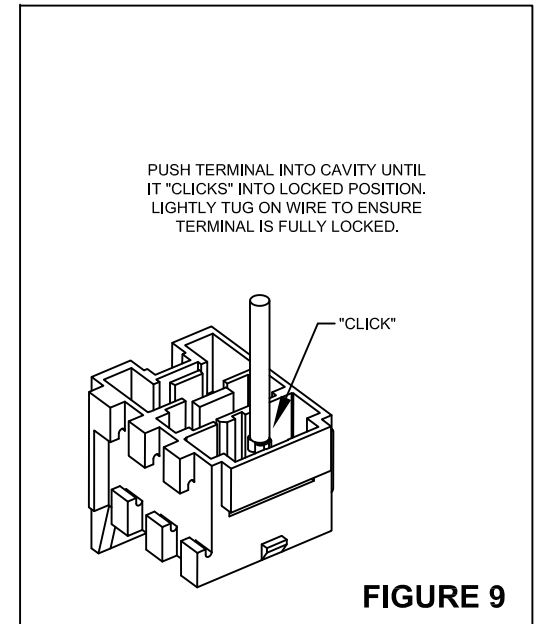
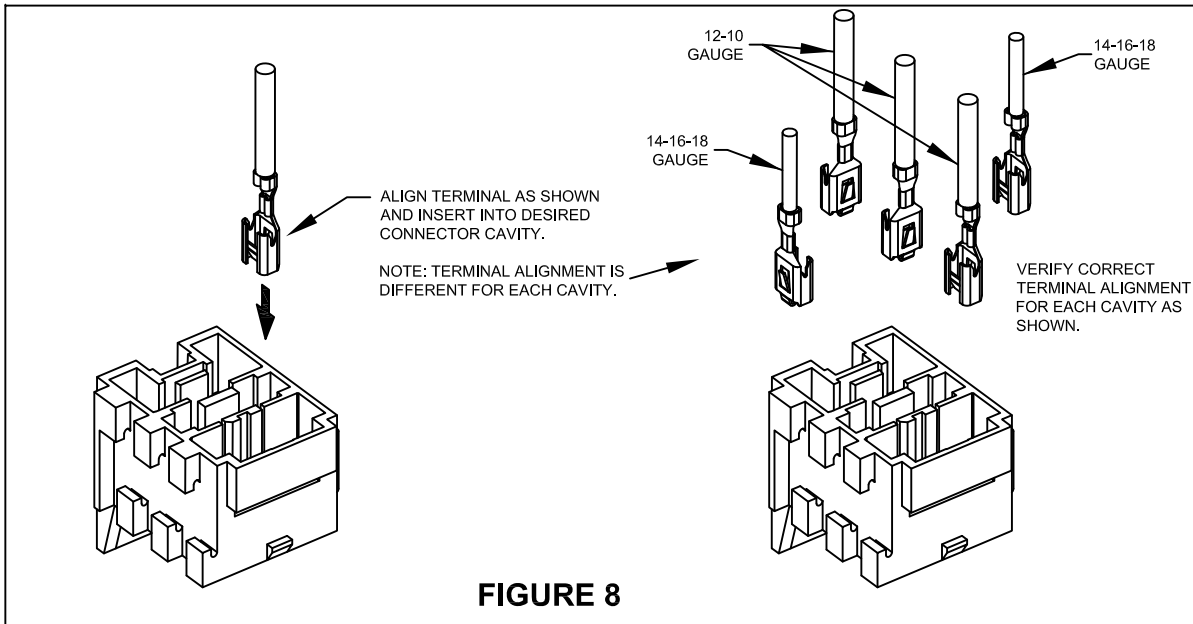
92974220

SHEET NO.

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CONNECTOR ASSEMBLY

ASSEMBLE CONNECTOR AS SHOWN IN FIGURES 8, 9 & 10.



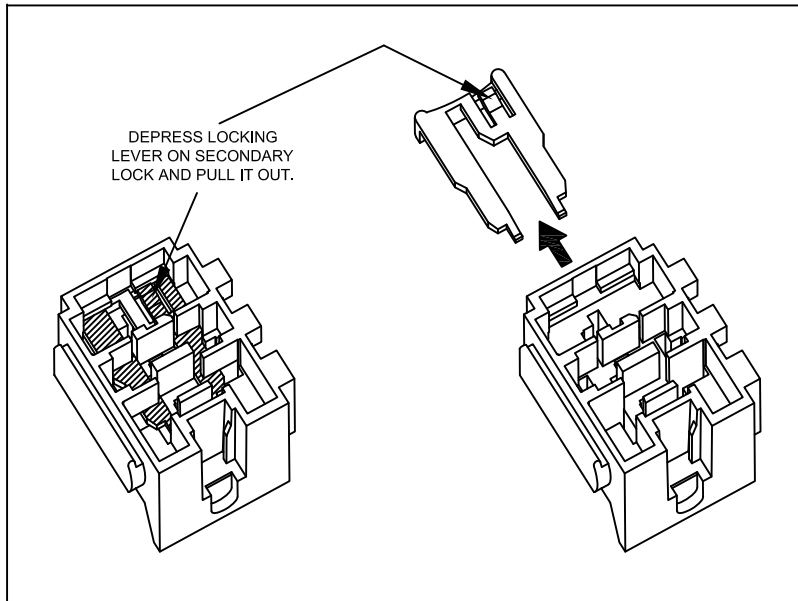
TITLE

INSTRUCTION SHEET
DUAL RELAY ADAPTER KIT
WITH 40MM MOUNTING RAILS

DWG NO. **92974220** SHEET NO. 5 OF 10

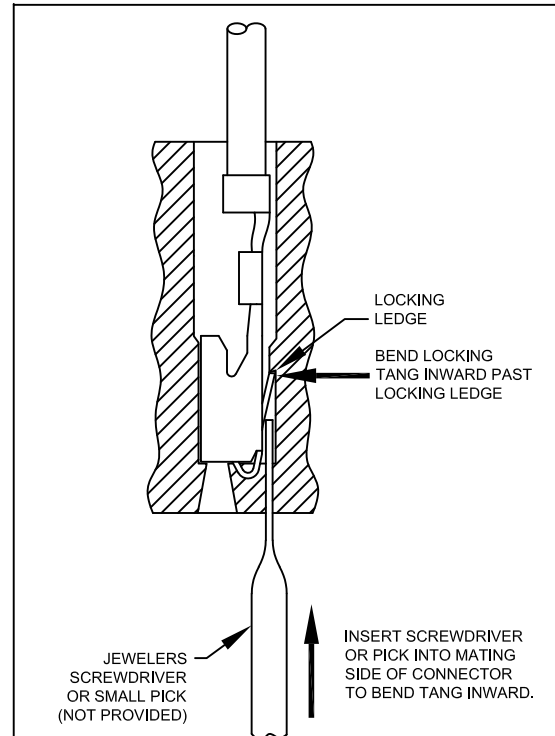
TERMINAL REMOVAL

REMOVE TERMINAL AS SHOWN IN STEPS 1 THRU 3.



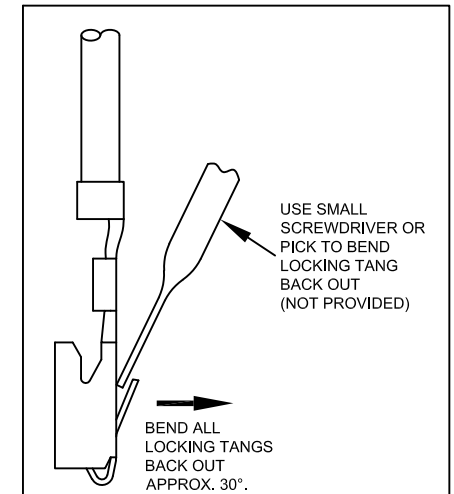
STEP 1

REMOVE SECONDARY LOCK



STEP 2

BEND LOCKING TANG INWARD TO REMOVE TERMINAL AS SHOWN



STEP 3

BEND LOCKING TANG BACK OUT AS SHOWN TO REUSE TERMINAL

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TITLE

INSTRUCTION SHEET
DUAL RELAY ADAPTER KIT
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ADAPTER KIT ASSEMBLY

ASSEMBLE CONNECTORS AND ADAPTER AS SHOWN IN FIGURES 11, 12 & 13.

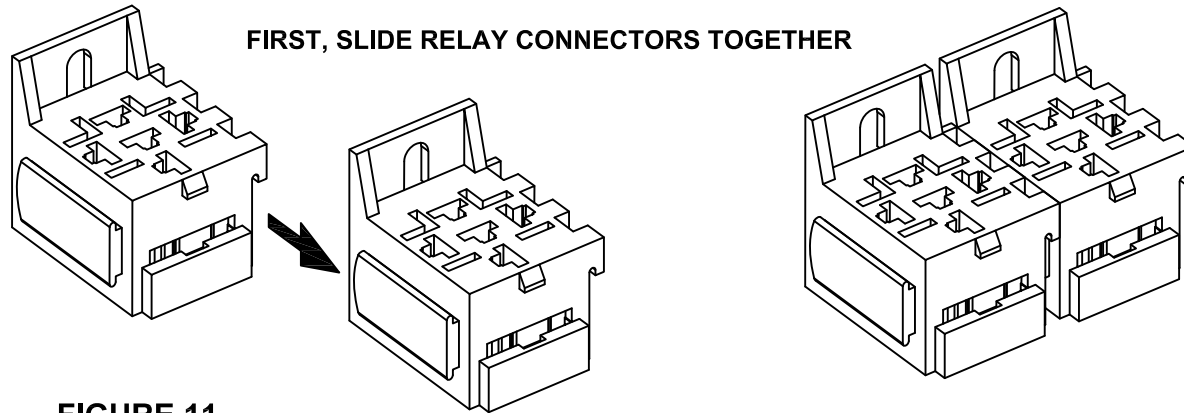


FIGURE 11

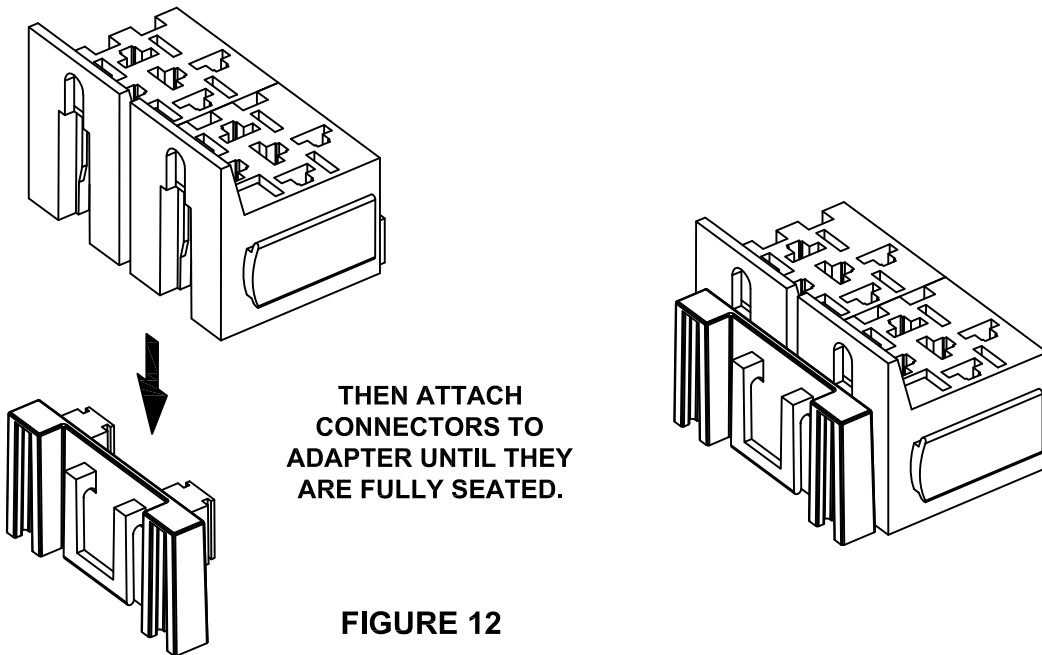


FIGURE 12

ADAPTER CAN BE USED WITH A SINGLE RELAY CONNECTOR IF DESIRED

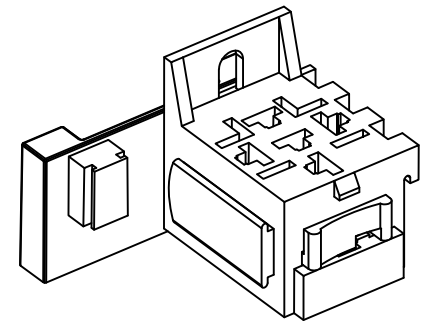


FIGURE 13

M&H ELECTRIC FABRICATORS, INC.
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TYPICAL DUAL RELAY ADAPTER KIT APPLICATION EXAMPLES

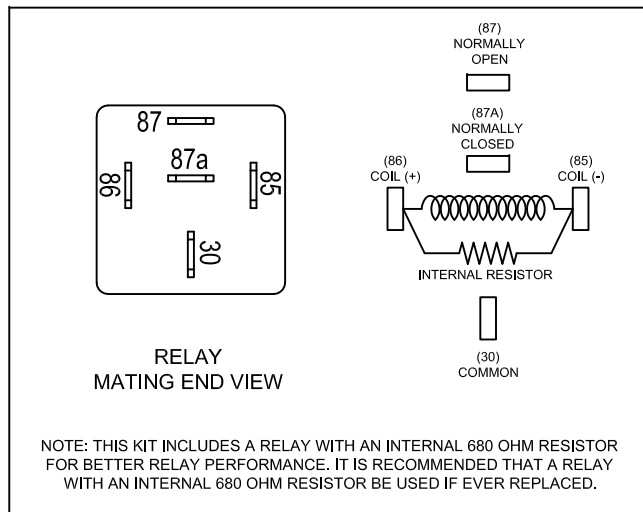
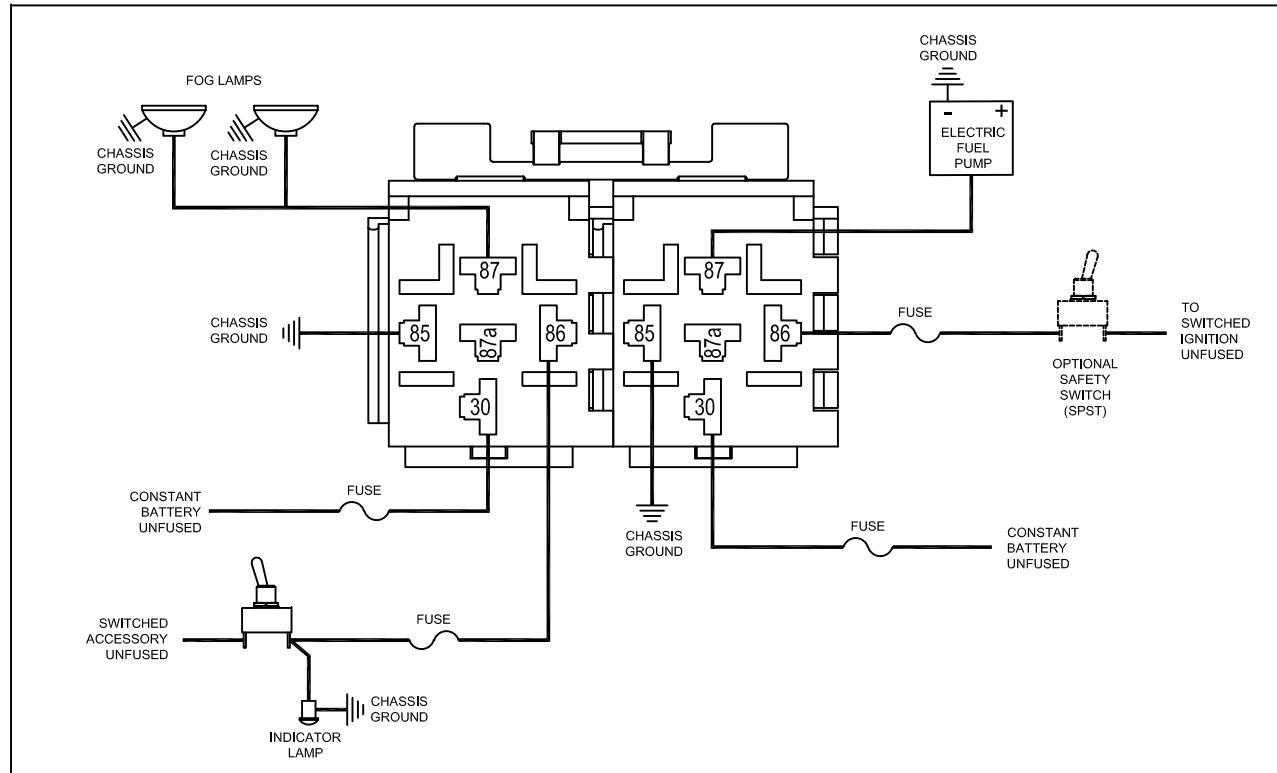
THERE ARE MANY USES FOR THIS RELAY ADAPTER KIT. IT PROVIDES A POWER SWITCHING OPTION FOR VARIOUS FACTORY ACCESSORIES AND AFTERMARKET DEVICES. HERE ARE SOME OF THE POSSIBLE USES FOR LOW TO HIGH AMPERAGE CAPACITY WITH THE ADAPTER KIT:

- ELECTRIC FUEL PUMP WITH RELAY.
- POWER ANTENNA WITH RELAYS.
- DUAL ELECTRIC FUEL PUMPS WITH RELAYS
- SHIFT LAMPS (DASH TOP OR STEERING COLUMN MOUNTED)
- SINGLE OR DUAL ELECTRIC FANS WITH RELAY & TEMPERATURE SENDER GROUND OR MANUAL SWITCH.
- STEREO EQUALIZER WITH RELAY
- STEREO AMPLIFIERS WITH RELAYS
- FRONT FOG OR DRIVING LAMPS WITH RELAYS
- HIGH INTENSITY LAMPS WITH RELAYS (MOUNT ON ROOF OR ROLL BARS)
- RPM ACTIVATED SWITCHES, ELECTRIC SHIFTERS, & NOS SYSTEMS.
- TOW TRAILER POWER LEADS & CAMPER BATTERY JUNCTION CIRCUITS
- POWER WINDOWS, POWER SEATS, POWER DOOR LOCKS, POWER TOP

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DWG NO. 92974220	SHEET NO. 8 OF 10

TYPICAL DUAL RELAY ADAPTER KIT SCHEMATICS

THESE SCHEMATICS ARE FOR REFERENCE ONLY.
FOLLOW DEVICE RECOMMENDATIONS AS REQUIRED.

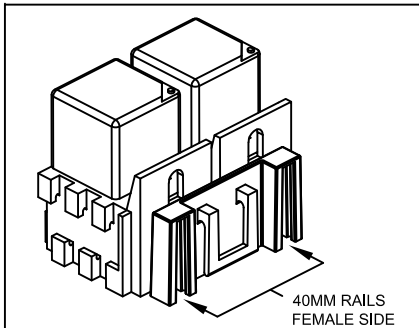


TITLE
INSTRUCTION SHEET
DUAL RELAY ADAPTER KIT
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DUAL RELAY ADAPTER KIT ATTACHMENT OPTIONS TO CLASSIC AUTOFUSE SERIES DASH HARNESSSES

(SEE CATALOG APPLICATIONS FOR SPECIFIC DASH HARNESS PART NUMBERS USING THESE FUSE BLOCKS)



THE DUAL RELAY ADAPTER KIT CAN BE ATTACHED TO THESE ATO SERIES FUSE BLOCKS USED ON CLASSIC AUTOFUSE SERIES DASH HARNESSSES

THIS ATO SERIES FUSE BLOCK IS USED ON THE FOLLOWING CAR LINES:

<p>40MM MALE MOUNTING RAILS</p> <p>30MM MALE MOUNTING RAILS ARE NOT APPLICABLE</p>	<p><u>1964-67 GM "A" BODY:</u></p> <ul style="list-style-type: none"> CHEVELLE / EL CAMINO SKYLARK / GS GTO / LEMANS CUTLASS / 442 <p><u>1963-67 GM "B" BODY:</u></p> <ul style="list-style-type: none"> IMPALA CAPRICE BISCAYNE BEL AIR AND OTHER CHEVY PASSENGER MODELS <p><u>1967 GM "F" BODY:</u></p> <ul style="list-style-type: none"> CAMARO FIREBIRD <p><u>1967-69 "Z" BODY:</u></p> <ul style="list-style-type: none"> CORVAIR
--	---

THIS ATO SERIES FUSE BLOCK IS USED ON THE FOLLOWING CAR LINES:

<p>40MM MALE MOUNTING RAILS</p> <p>40MM MALE MOUNTING RAILS</p> <p>30MM MALE MOUNTING RAILS ARE NOT APPLICABLE</p>	<p><u>1968-77 GM "A" BODY:</u></p> <ul style="list-style-type: none"> CHEVELLE / EL CAMINO MONTE CARLO SKYLARK /GS GTO / LEMANS CUTLASS / 442 <p><u>1968-71 GM "B" BODY:</u></p> <ul style="list-style-type: none"> IMPALA CAPRICE BISCAYNE BEL AIR AND OTHER CHEVY PASSENGER MODELS <p><u>1968-79 GM "F" BODY:</u></p> <ul style="list-style-type: none"> CAMARO FIREBIRD 68 & 69 ALREADY COMPLETE <p><u>1968-74 GM "X" BODY:</u></p> <ul style="list-style-type: none"> CHEVY II / NOVA <p><u>1968-78 GM "Y" BODY:</u></p> <ul style="list-style-type: none"> CORVETTE
--	---

6-WAY FUSE BLOCK KIT
PART # SUM-RP20461

40MM MALE MOUNTING RAILS

THIS ATO SERIES FUSE BLOCK IS USED ON THE FOLLOWING CAR LINES:

<p>40MM MALE MOUNTING RAILS</p> <p>40MM MALE MOUNTING RAILS</p>	<p><u>1960-66 GM "Z" BODY:</u></p> <ul style="list-style-type: none"> CORVAIR CAR & TRUCK <p><u>1960-66 CHEVY TRUCK:</u></p> <ul style="list-style-type: none"> C & K MODEL
---	---

THIS ATO SERIES FUSE BLOCK IS USED ON THE FOLLOWING CAR LINES:

<p>40MM MALE MOUNTING RAILS</p> <p>30MM MALE MOUNTING RAILS ARE NOT APPLICABLE</p> <p>30MM MALE MOUNTING RAILS ARE NOT APPLICABLE</p>	<p><u>1958-62 GM "B" BODY:</u></p> <ul style="list-style-type: none"> IMPALA BEL AIR BISCAYNE CAPRICE <p><u>1962-67 GM "X" BODY:</u></p> <ul style="list-style-type: none"> CHEVY II / NOVA <p><u>1958-67 GM "Y" BODY:</u></p> <ul style="list-style-type: none"> CORVETTE
---	--

THIS ATO SERIES FUSE BLOCK IS USED ON THE FOLLOWING CAR LINES:

1967-72 CHEVY TRUCK

40MM MALE MOUNTING RAILS

DUAL RELAY CONNECTORS CAN BE ATTACHED DIRECTLY TO BLOCK WITHOUT THE ADAPTER.

THIS ATO SERIES FUSE BLOCK IS USED ON THE FOLLOWING CAR LINES:

1973-78 CHEVY TRUCK

40MM MALE MOUNTING RAILS

SINGLE RELAY CONNECTOR CAN BE ATTACHED DIRECTLY TO BLOCK WITHOUT THE ADAPTER.

NOTE:
CUSTOMER MUST DETERMINE IF THERE IS SUFFICIENT SPACE TO ATTACHED THE DUAL RELAY ADAPTER KIT TO THE ATO FUSE BLOCK AFTER DASH HARNESS HAS BEEN INSTALLED IN VEHICLE.

