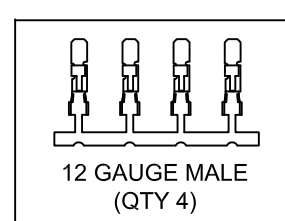
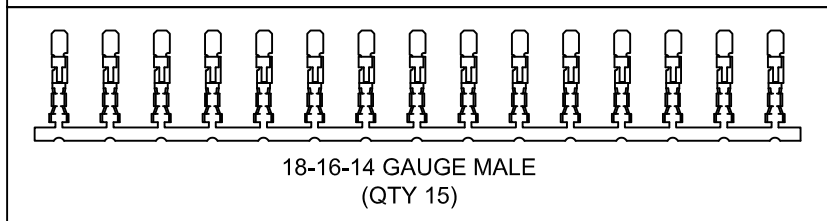
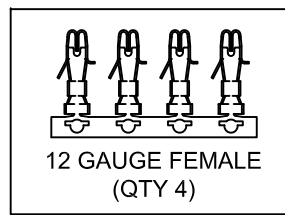
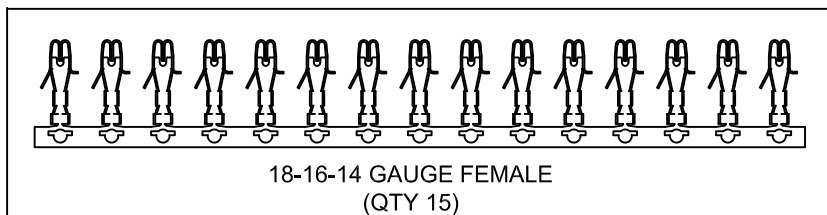
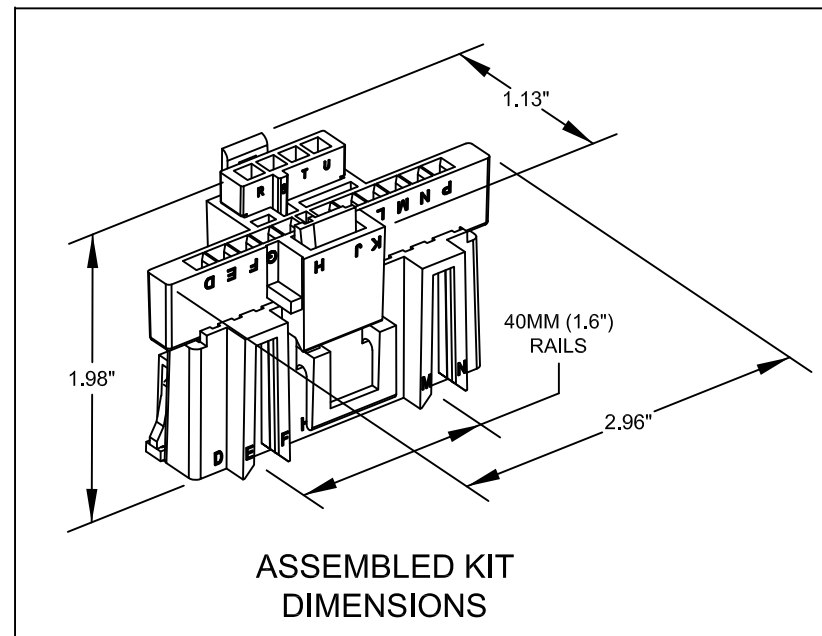
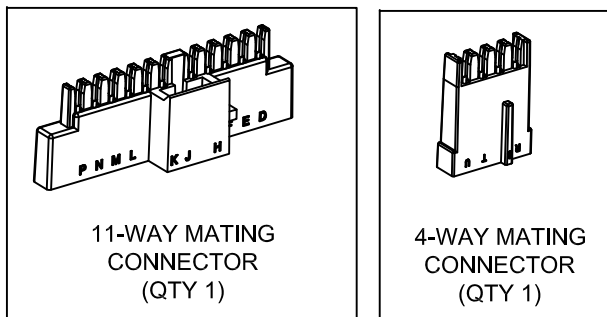
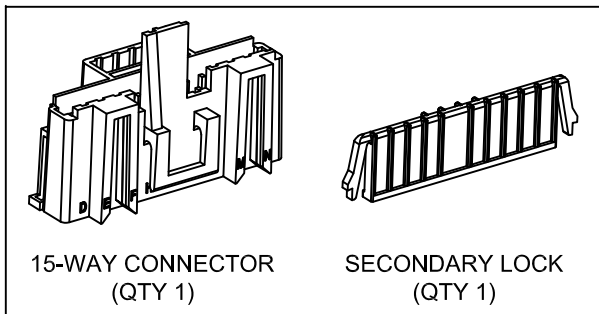


15-WAY CONNECTOR & TERMINAL KIT

- THIS KIT PROVIDES THE ABILITY TO INTERCONNECT UP TO 15 CIRCUITS IN A SINGLE CONNECTION SYSTEM.
- THIS KIT CAN BE SPLIT UP INTO ONE 11-WAY & ONE 4-WAY THAT CONNECTS INTO A SINGLE 15-WAY CONNECTOR, ALLOWING THE UNIQUE ABILITY FOR DUAL MATING CONNECTIONS & BRANCHES TO BE SEPARATED AND MATE INDEPENDENTLY.
- THIS KIT IS DESIGNED TO BE ATTACHED TO ALL CLASSIC AUTOFUSE SERIES FUSE BLOCKS WITH 40MM MOUNTING RAILS. IT CAN ALSO BE ATTACHED TO 1970 & UP FACTORY GM GLASS FUSE SERIES FUSE BLOCKS WITH 40MM MOUNTING RAILS. SEE SPECIFIC APPLICATIONS FOR FOR RAIL LOCATIONS.
- THIS KIT MAY ALSO BE USED AS A STAND-ALONE APPLICATION FOR IN-LINE USE.

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15-WAY CONNECTOR & TERMINAL KIT

READ ALL INSTRUCTIONS CAREFULLY BEFORE PROCEEDING.

THE CUSTOMER MUST DETERMINE IF THERE IS SUFFICIENT CLEARANCE TO ATTACH THIS 15-WAY CONNECTOR KIT TO THE CLASSIC AUTOFUSE SERIES FUSE BLOCK WITH 40MM RAILS, OR VERIFY CLEARANCE FOR USE IN A STAND-ALONE IN-LINE APPLICATION. SEE PAGE 3. THIS KIT MAY NOT FIT IN SOME VEHICLE APPLICATIONS BECAUSE OF STRUCTURAL DEVICES SUCH AS AN EMERGENCY BRAKE PEDAL BRACKET, ETC. SEE THE CLASSIC AUTOFUSE SERIES DASH HARNESS INSTRUCTIONS FOR MORE INFORMATION AND LINE DRAWINGS SHOWING MOUNTING RAIL LOCATIONS AND POSITIONS ON THE NEW CLASSIC AUTOFUSE SERIES FUSE BLOCKS FOR THE SPECIFIC APPLICATION.

THE CUSTOMER IS RESPONSIBLE FOR DETERMINING THE AMPERAGE LOAD NEEDED TO ENSURE THE APPROPRIATE TERMINAL IS SELECTED FOR HANDLING THE CONNECTED DEVICE AMPERAGE LOADS. SEE PAGE 4 FOR GUIDELINES.

THESE INSTRUCTIONS ARE ARRANGED AS FOLLOWS:

PAGE 3: VERIFY FUSE BLOCK MOUNTING CLEARANCE OR DETERMINE MOUNTING CLEARANCE FOR STAND-ALONE APPLICATION.

PAGE 4: GUIDELINES FOR DETERMINING LOAD REQUIREMENTS FOR TERMINALS.

PAGE 5: TERMINAL PREPARATION AND CRIMPING.

PAGE 6: CONNECTOR ASSEMBLY.

PAGE 7: CONNECTOR KIT ASSEMBLY

PAGE 8: TERMINAL REMOVAL INSTRUCTIONS

PAGE 9: KIT APPLICATION EXAMPLES

PAGE 10: TYPICAL KIT SCHEMATIC EXAMPLES.

PAGE 11: OPTIONAL 15-WAY KIT ATTACHMENT OPTIONS TO CLASSIC AUTOFUSE SERIES DASH HARNESSES WITH ATO FUSE BLOCKS.

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VERIFY 15-WAY CONNECTOR KIT CLEARANCE

BEFORE PROCEEDING, VERIFY CLASSIC AUTOFUSE SERIES FUSE BLOCK HAS ENOUGH CLEARANCE IN THE VEHICLE TO ATTACH THE 15-WAY CONNECTOR KIT. SEE FIGURE 1 & 2.

IF THE 15-WAY CONNECTOR KIT WILL BE USED IN A STAND-ALONE APPLICATION, VERIFY THERE IS ENOUGH CLEARANCE IN YOUR DESIRED LOCATION. SEE FIGURE 3. NOTE THAT THE 15-WAY KIT CAN BE ASSEMBLED TOGETHER IF DESIRED AND THERE IS ENOUGH SPACE. TYPICAL LOCATION FOR MOUNTING IS NEAR FUSE BLOCK. HOWEVER, IT CAN BE LOCATED IN THE ENGINE COMPARTMENT OR PASSENGER COMPARTMENT.

NOTE: THE CLASSIC AUTOFUSE SERIES FUSE BLOCK SHOWN IS FOR REFERENCE ONLY. YOUR FUSE BLOCK MAY LOOK DIFFERENT BUT CLEARANCE WILL STILL NEED TO BE VERIFIED.

IF THERE IS ENOUGH CLEARANCE TO MOUNT THE 15-WAY KIT ON THE AVAILABLE 40MM RAILS, OR IN A STAND-ALONE APPLICATION, THEN PROCEED TO PAGE 4 OF THESE INSTRUCTIONS.

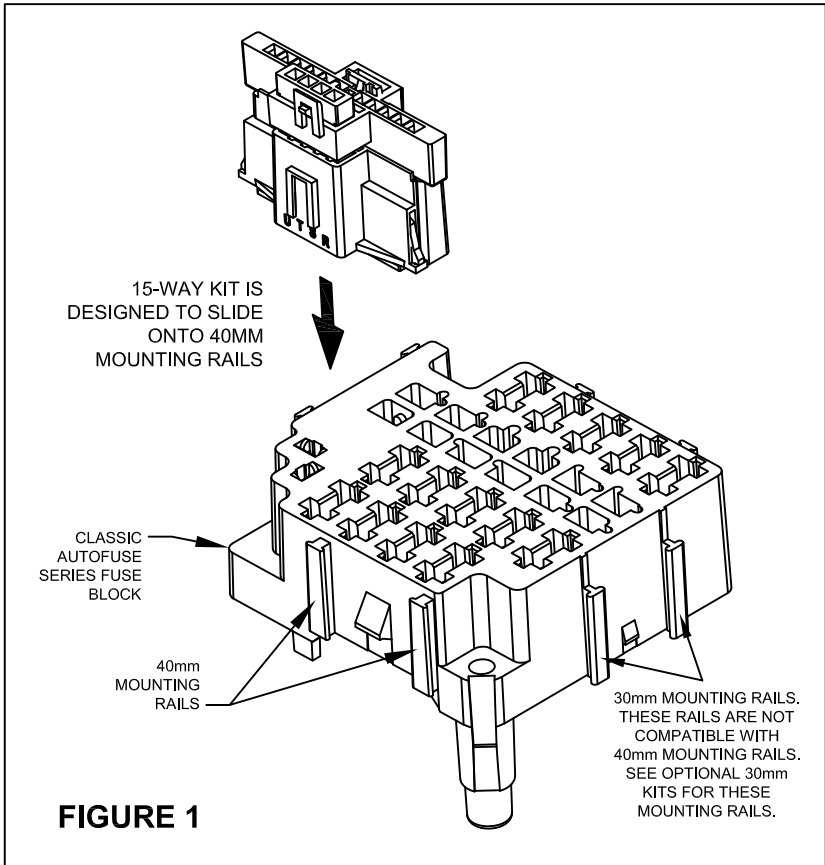


FIGURE 1

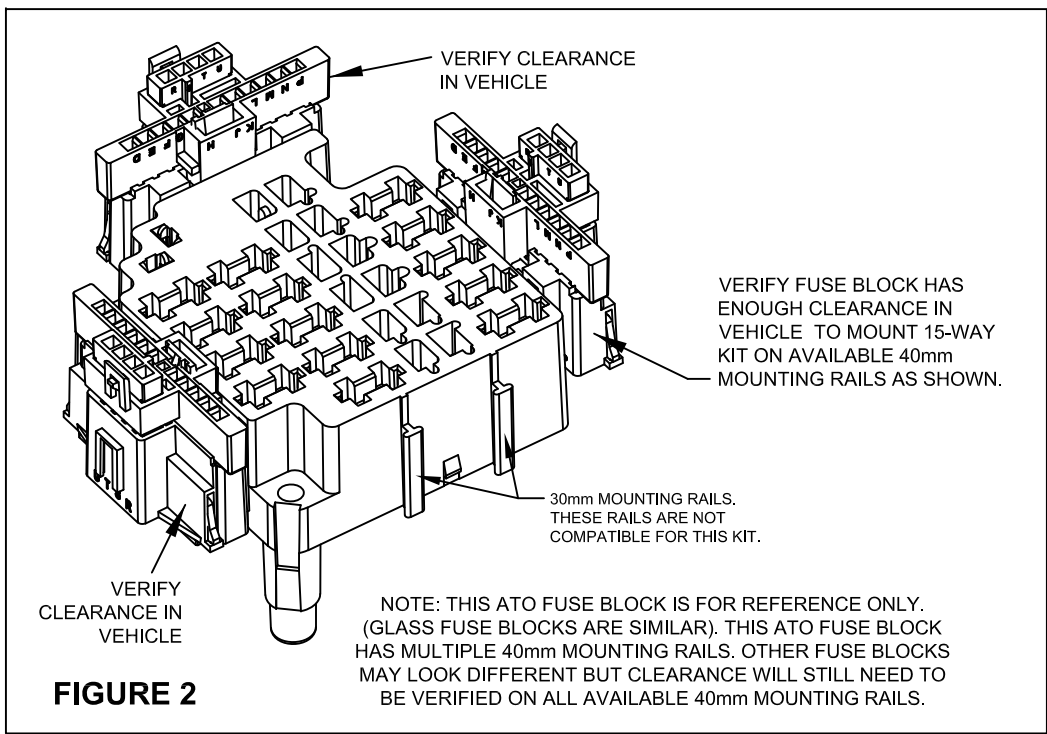


FIGURE 2

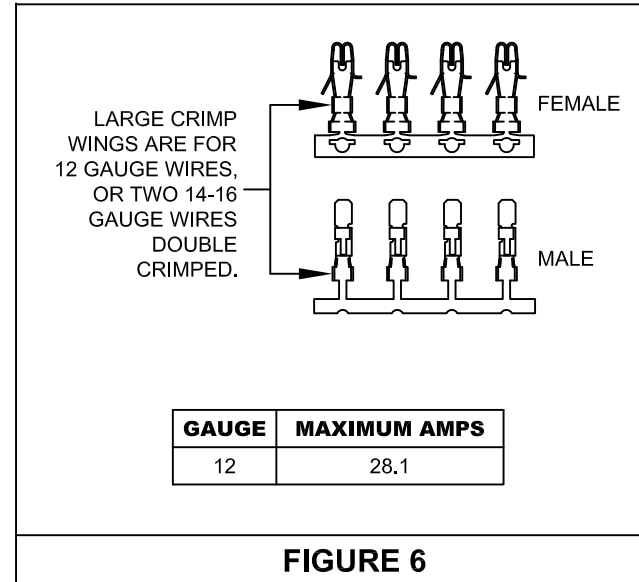
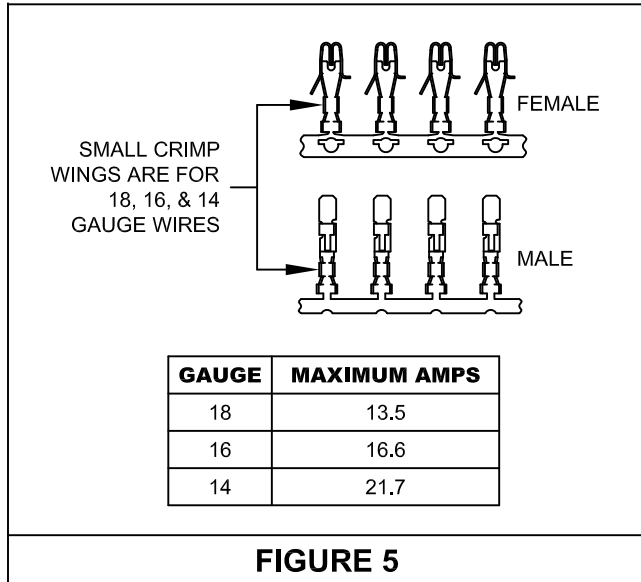
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GUIDELINES FOR DETERMINING TERMINAL AMPERAGE AND CONFIGURATION

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



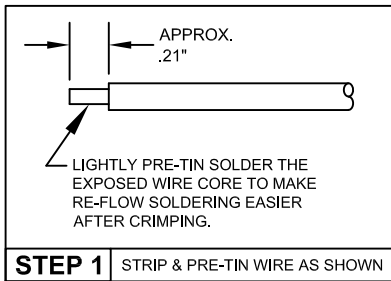
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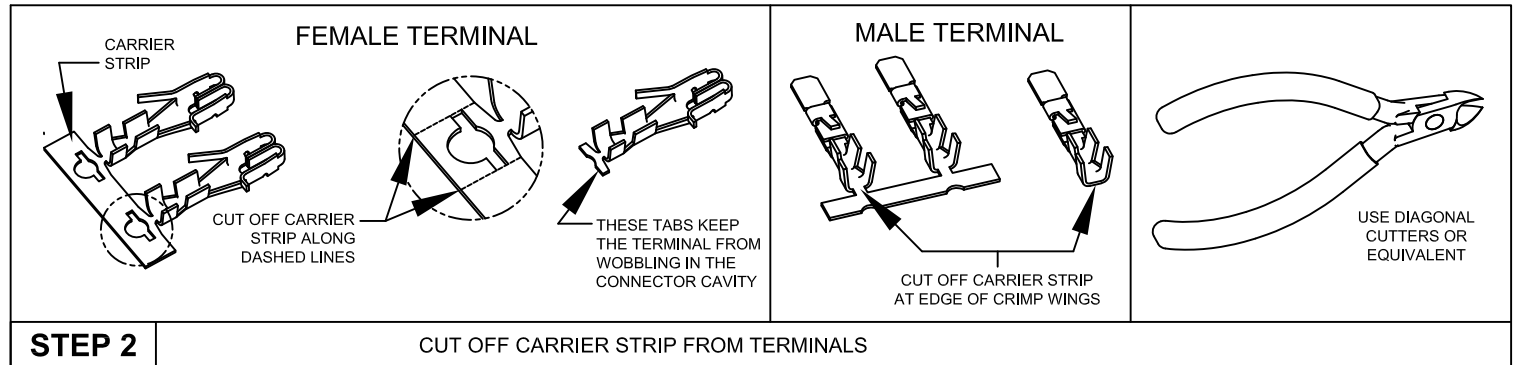
DWG NO. **92974223** SHEET NO. 4 OF 11

APPLYING TERMINAL TO WIRE

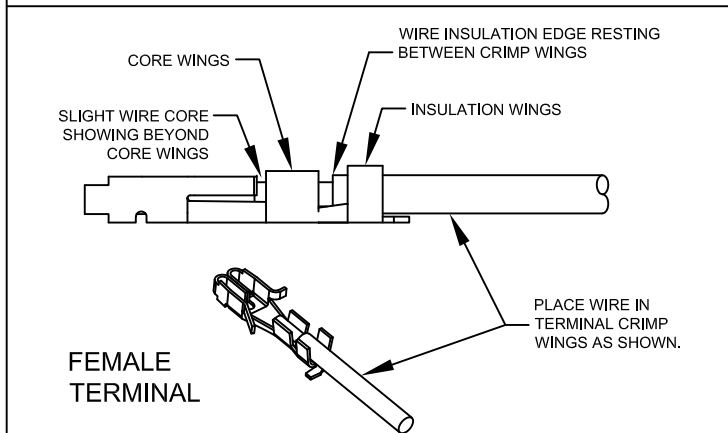
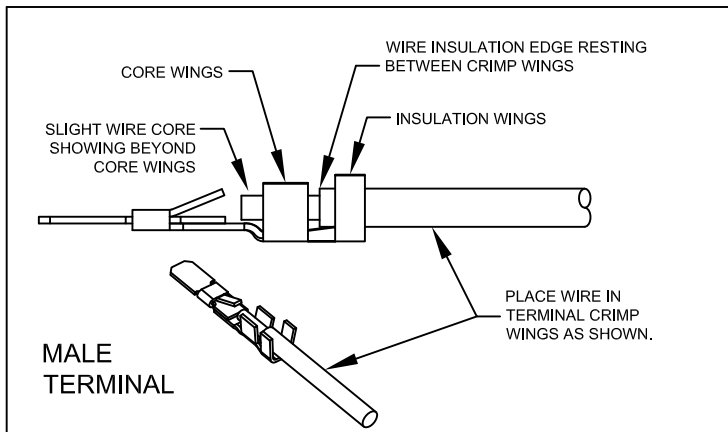
CRIMP WIRE TO TERMINAL AS SHOWN IN STEPS 1-4.



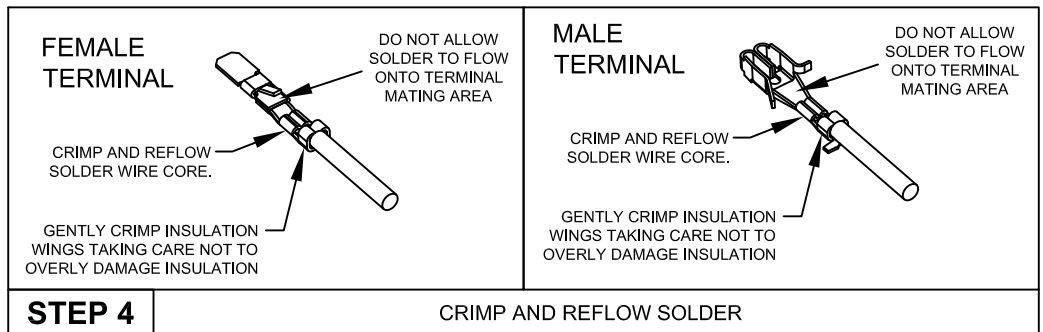
STEP 1 STRIP & PRE-TIN WIRE AS SHOWN



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.

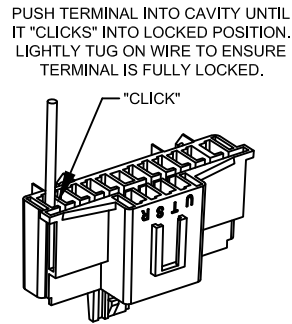
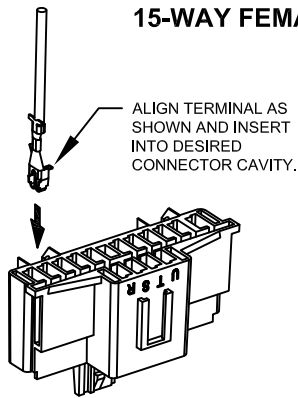


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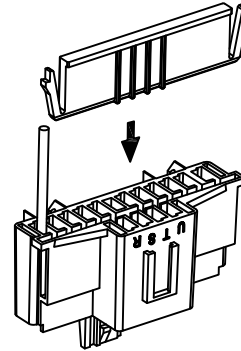
DWG NO. **92974223** SHEET NO. 5 OF 11

TERMINAL & CONNECTOR ASSEMBLY

15-WAY FEMALE CONNECTOR ASSEMBLY

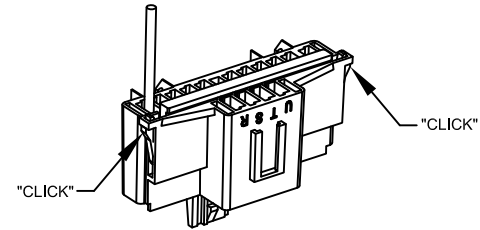


ALIGN SECONDARY LOCK AS SHOWN AND INSERT INTO CONNECTOR.

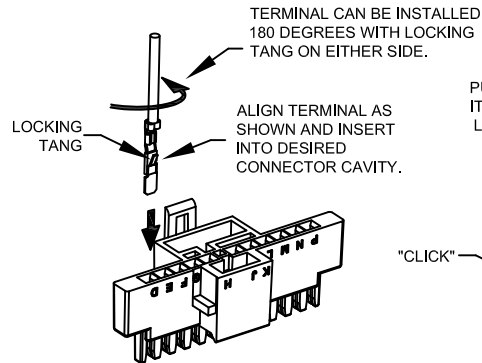


NOTE: THE SECONDARY LOCK IS REQUIRED REGARDLESS OF HOW MANY TERMINALS ARE USED IN CONNECTOR.

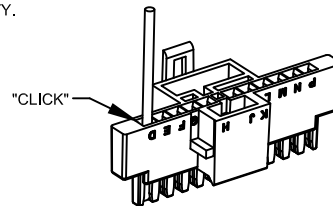
PUSH SECONDARY LOCK INTO CONNECTOR UNTIL IT "CLICKS" INTO LOCKED POSITION.



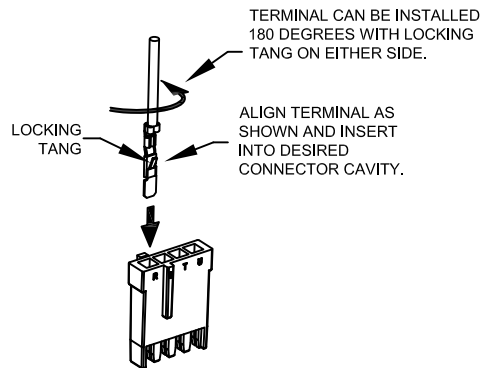
11-WAY MALE CONNECTOR ASSEMBLY



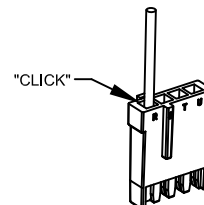
PUSH TERMINAL INTO CAVITY UNTIL IT "CLICKS" INTO LOCKED POSITION. LIGHTLY TUG ON WIRE TO ENSURE TERMINAL IS FULLY LOCKED.



4-WAY MALE CONNECTOR ASSEMBLY



PUSH TERMINAL INTO CAVITY UNTIL "CLICKS" INTO LOCKED POSITION. LIGHTLY TUG ON WIRE TO ENSURE TERMINAL IS FULLY LOCKED.



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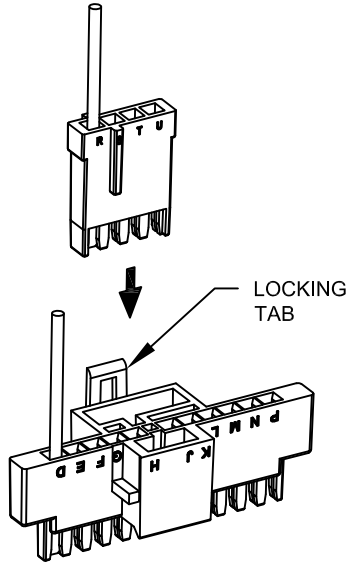
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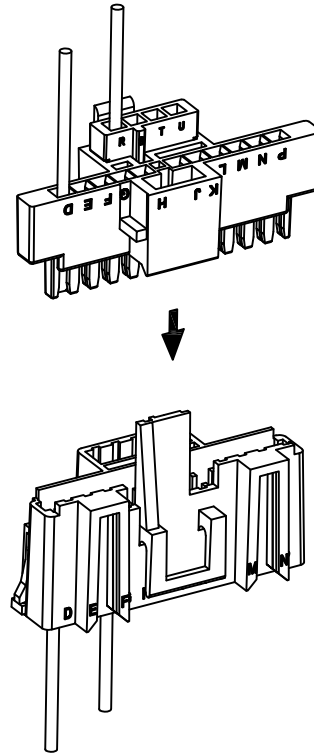
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CONNECTOR KIT ASSEMBLY

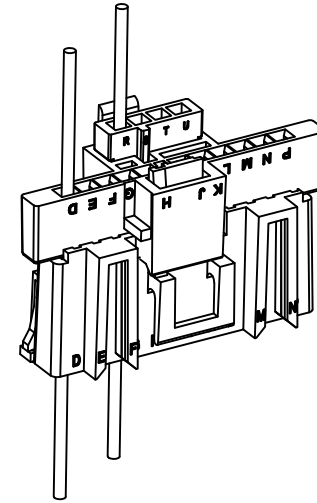
INSTRUCTIONS SHOW ONLY ONE WIRE FOR CLARITY.



INSTALL 4-WAY MALE INTO
11-WAY MALE.



INSTALL 4-WAY & 11-WAY ASSEMBLY
INTO 15-WAY CONNECTOR



COMPLETE KIT ASSEMBLY.

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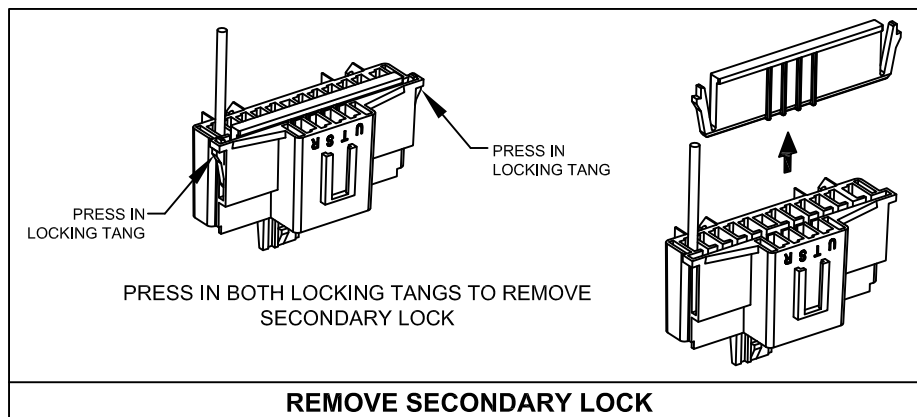
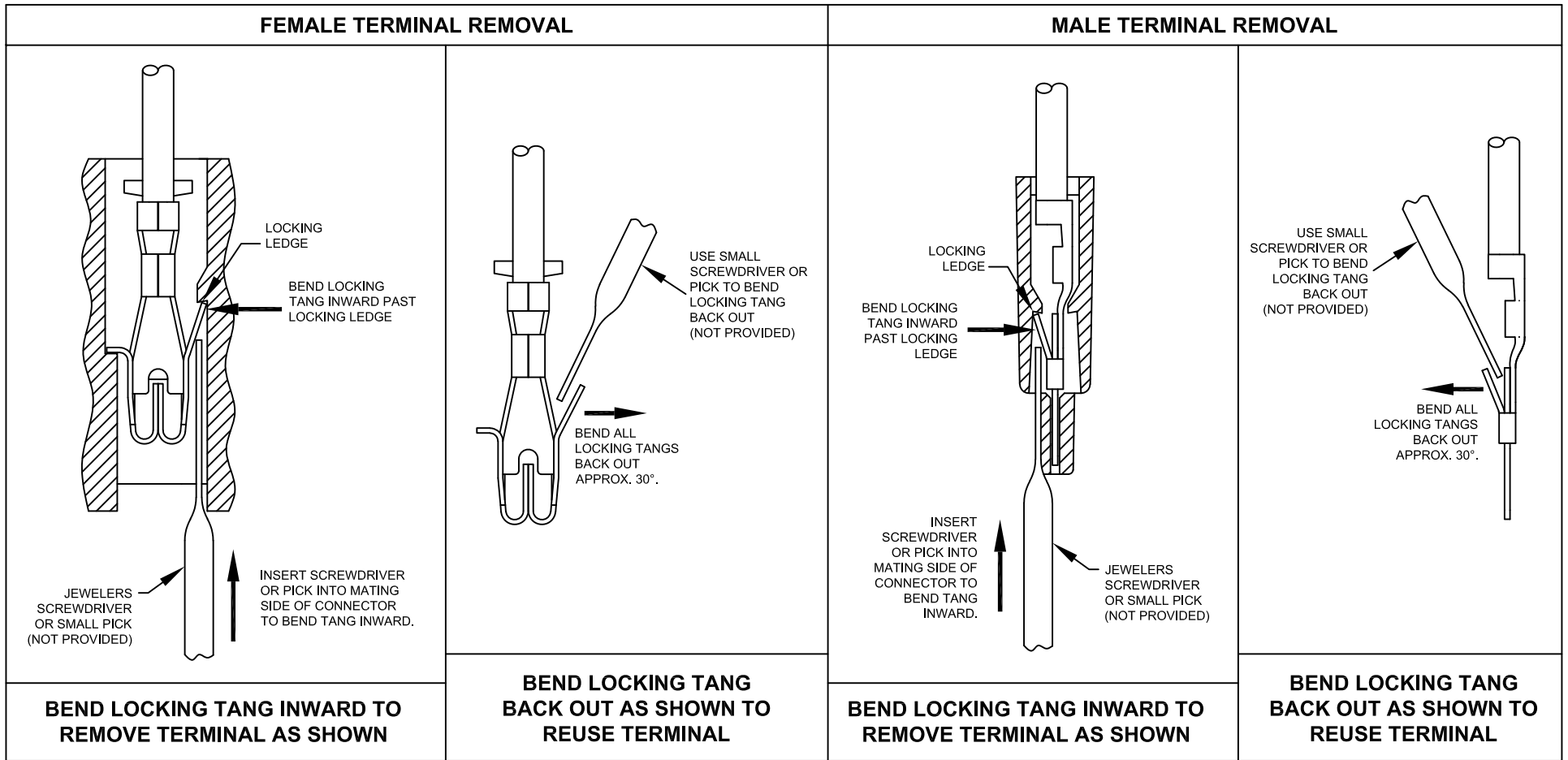
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TERMINAL REMOVAL

THIS PAGE SHOWS HOW TO REMOVE THE TERMINAL FROM THE CONNECTORS.



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TYPICAL 15-WAY CONNECTOR & TERMINAL KIT APPLICATION EXAMPLES

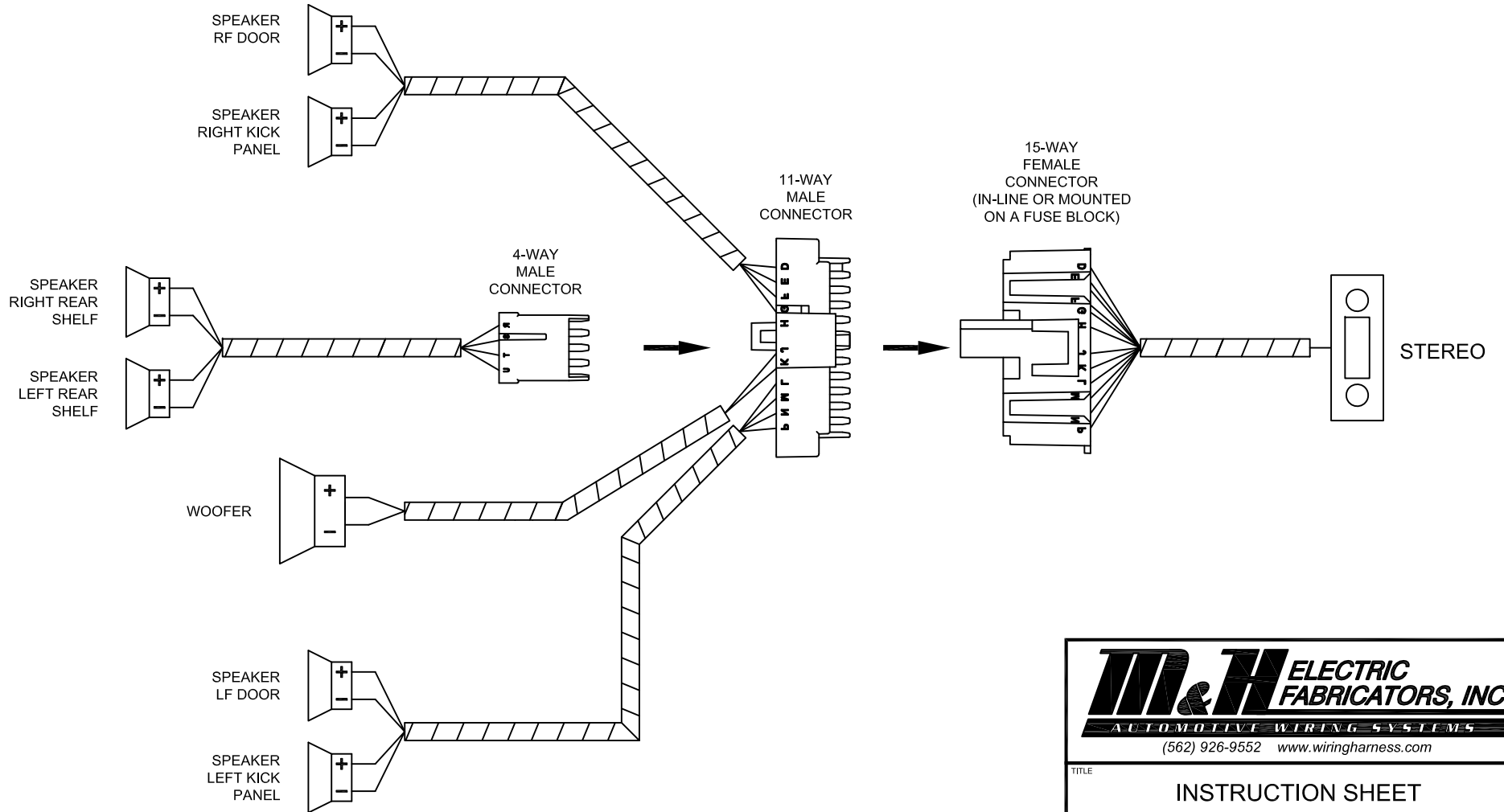
THERE ARE MANY USES FOR THIS 15-WAY CONNECTOR & TERMINAL KIT. IT PROVIDES A WIRING DISCONNECT FOR VARIOUS FACTORY ACCESSORIES AND AFTERMARKET DEVICES. MULTIPLE DEVICES MAY BE CONNECTED IN A SINGLE KIT AS DESIRED. HERE ARE SOME OF THE POSSIBLE USES FOR LOW TO HIGH AMPERAGE CAPACITY 15-WAY KIT:

- ELECTRIC FUEL PUMP WITH OR WITHOUT RELAY.
- DUAL ELECTRIC FUEL PUMPS WITH OR WITHOUT RELAYS
- TACHOMETER (AFTER MARKET STEERING COLUMN OR DASH PAD MOUNTED)
- TACHOMETER LAMP (AFTER MARKET STEERING COLUMN OR DASH PAD MOUNTED)
- SHIFT LAMPS (DASH TOP OR STEERING COLUMN MOUNTED)
- SINGLE OR DUAL ELECTRIC FANS WITH RELAY & TEMPERATURE SENDER GROUND.
- ELECTRICAL GAUGES MOUNTED BELOW DASH (OIL PRESSURE, TEMPERATURE, VOLTAGE, ETC.)
- STEREO EQUALIZER
- STEREO AMPLIFIER WITH RELAY
- FRONT FOG OR DRIVING LAMPS WITH OR WITHOUT RELAY
- 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
- UP TO 7 SPEAKERS WITH ONE MASTER DISCONNECT FROM STEREO SYSTEM. ALL BUILT INTO ONE CONNECTION.
- CUSTOM DESIGNED INSTRUMENT CLUSTERS WITH IN-LINE MASTER DISCONNECT.
- CUSTOM DESIGNED STEERING WHEEL MOUNTED SWITCHES SUCH AS TURN SIGNAL, CRUISE CONTROL, WIPER MOTORS WITH MULTI-SPEED/ INTERMITTENT SPEED, ETC.

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TYPICAL 15-WAY KIT SCHEMATIC FOR MULTIPLE STEREO SPEAKERS

THIS SCHEMATIC IS FOR REFERENCE ONLY.
FOLLOW DEVICE RECOMMENDATIONS AS REQUIRED.



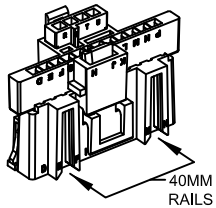
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15-WAY CONNECTOR KIT ATTACHMENT OPTIONS TO CLASSIC AUTOFUSE SERIES DASH HARNESSES

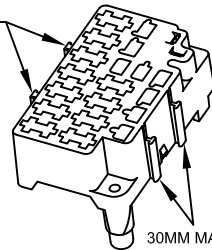
(SEE CATALOG APPLICATIONS FOR SPECIFIC DASH HARNESS PART NUMBERS USING THESE FUSE BLOCKS)



THE 15-WAY JUNCTION BLOCK CAN BE ATTACHED TO THESE ATO SERIES FUSE BLOCKS USED ON CLASSIC AUTOFUSE SERIES DASH HARNESSES

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

40MM MALE MOUNTING RAILS



30MM MALE MOUNTING RAILS ARE NOT APPLICABLE

1964-67 GM "A" BODY:

- CHEVELLE / EL CAMINO
- SKYLARK / GS
- GTO / LEMANS
- CUTLASS / 442

1963-67 GM "B" BODY:

- IMPALA
- CAPRICE
- BISCAYNE
- BEL AIR
- AND OTHER CHEVY PASSENGER MODELS

1967 GM "F" BODY:

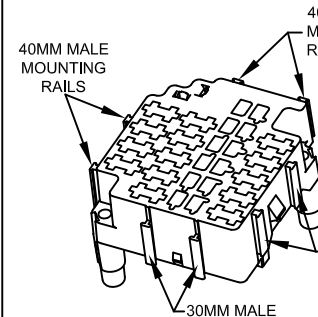
- CAMARO
- FIREBIRD

1967-69 "Z" BODY:

- CORVAIR

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

40MM MALE MOUNTING RAILS



30MM MALE MOUNTING RAILS ARE NOT APPLICABLE

40MM MALE MOUNTING RAILS

40MM MALE MOUNTING RAILS

1968-77 GM "A" BODY:

- CHEVELLE / EL CAMINO
- MONTE CARLO
- SKYLARK /GS
- GTO / LEMANS
- CUTLASS / 442

1968-71 GM "B" BODY:

- IMPALA
- CAPRICE
- BISCAYNE
- BEL AIR
- AND OTHER CHEVY PASSENGER MODELS

1968-79 GM "F" BODY:

- CAMARO
- FIREBIRD
- 68 & 69 ALREADY COMPLETE

1968-74 GM "X" BODY:

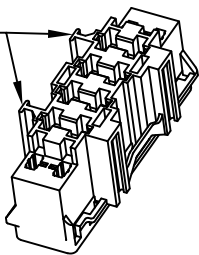
- CHEVY II / NOVA

1968-78 GM "Y" BODY:

- CORVETTE

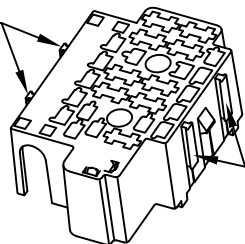
6-WAY FUSE BLOCK KIT
PART # 41359

40MM MALE MOUNTING RAILS



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

40MM MALE MOUNTING RAILS



40MM MALE MOUNTING RAILS

1960-66 GM "Z" BODY:

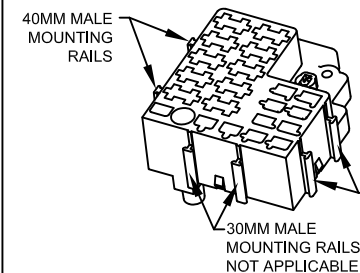
- CORVAIR CAR & TRUCK

1960-66 CHEVY TRUCK:

- C & K MODEL

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

40MM MALE MOUNTING RAILS



30MM MALE MOUNTING RAILS ARE NOT APPLICABLE

30MM MALE MOUNTING RAILS ARE NOT APPLICABLE

1958-62 GM "B" BODY:

- IMPALA
- BEL AIR
- BISCAYNE
- CAPRICE

1962-67 GM "X" BODY:

- CHEVY II / NOVA

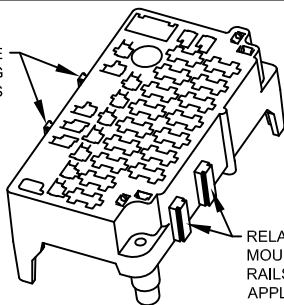
1958-67 GM "Y" BODY:

- CORVETTE

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

1967-72 CHEVY TRUCK

40MM MALE MOUNTING RAILS

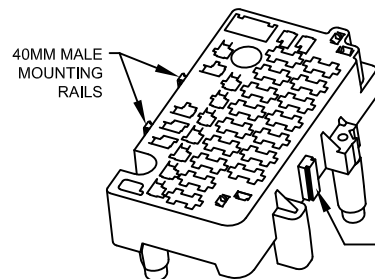


RELAY MOUNTING RAILS ARE NOT APPLICABLE

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

1973-78 CHEVY TRUCK

40MM MALE MOUNTING RAILS



RELAY MOUNTING RAIL DOES NOT APPLICABLE

NOTE:
CUSTOMER MUST DETERMINE IF THERE IS SUFFICIENT SPACE TO ATTACHED 15-WAY CONNECTOR KIT TO ATO FUSE BLOCK AFTER DASH HARNESS HAS BEEN INSTALLED IN VEHICLE.



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