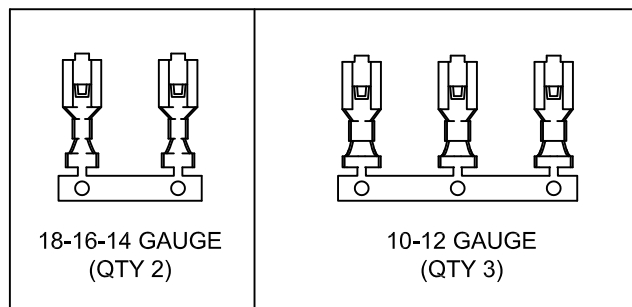
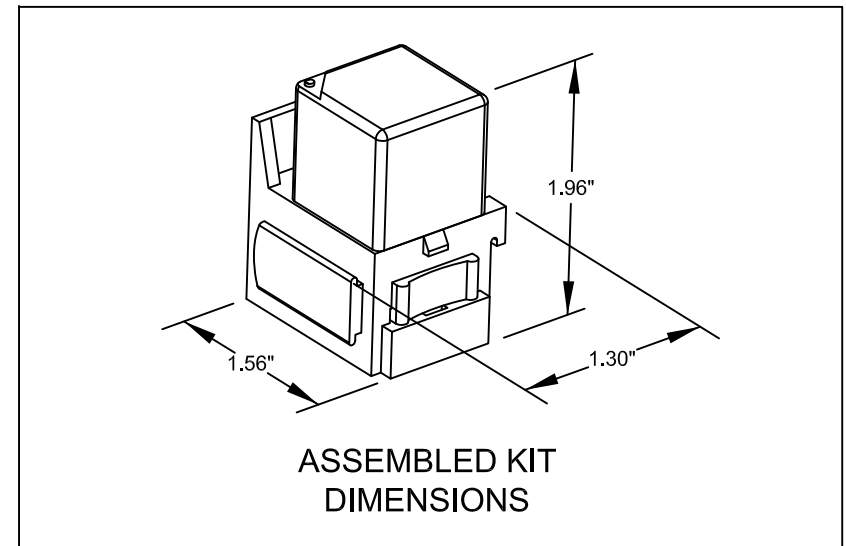
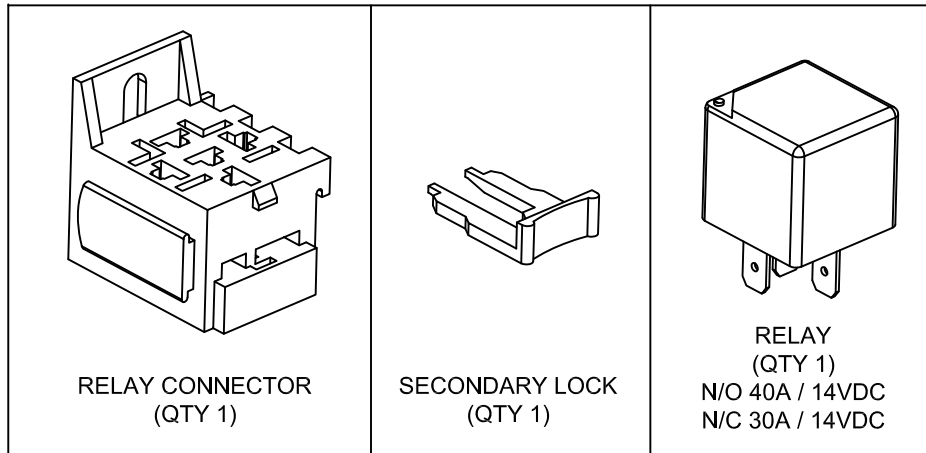


RELAY & CONNECTOR KIT

READ ALL INSTRUCTIONS CAREFULLY BEFORE PROCEEDING.

- THIS RELAY KIT PROVIDES A STAND-ALONE RELAY & CONNECTOR THAT CAN BE MOUNTED ANYWHERE SPACE PERMITS.
- THE CUSTOMER MUST DETERMINE IF THERE IS SUFFICIENT CLEARANCE TO MOUNT THIS RELAY CONNECTOR KIT IN DESIRED LOCATION. TYPICAL LOCATION FOR MOUNTING IS NEAR FUSE BLOCK. HOWEVER, IT CAN BE LOCATED IN THE ENGINE COMPARTMENT OR PASSENGER COMPARTMENT. THESE UNIQUE CONNECTORS HAVE SIDE RAILS THAT ALLOW MULTIPLE RELAY CONNECTORS TO JOINED TOGETHER. SEE PAGE 2.
- THE CUSTOMER IS RESPONSIBLE FOR DETERMINING THE AMPERAGE LOAD NEEDED TO ENSURE THE APPROPRIATE TERMINAL IS SELECTED FOR HANDLING THE AMPERAGE LOADS PASSING THROUGH THE RELAY. SEE PAGE 4 FOR GUIDELINES.

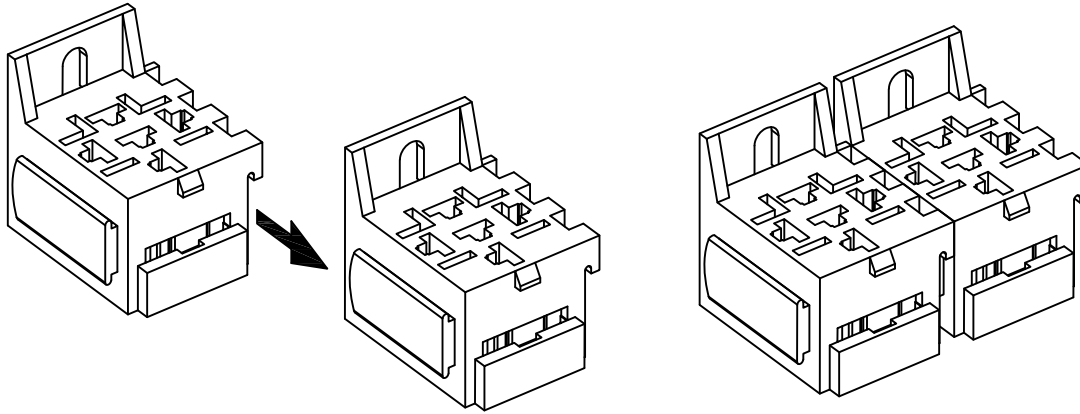
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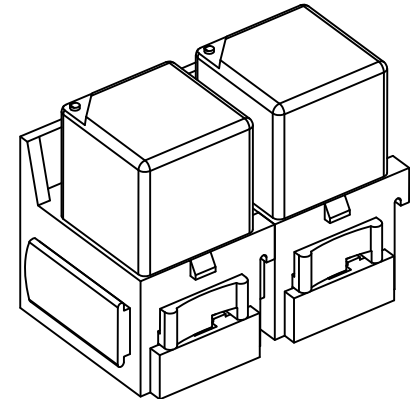
 <p>M&H ELECTRIC FABRICATORS, INC. AUTOMOTIVE WIRING SYSTEMS (562) 926-9552 www.wiringharness.com</p>	
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MULTIPLE RELAY & CONNECTOR KIT ATTACHMENT OPTION

THIS RELAY AND CONNECTOR KIT CAN BE ASSEMBLED TOGETHER WITH MULTIPLE KITS AS SHOWN.
NOTE: ONLY ONE RELAY & CONNECTOR IS PROVIDED IN THIS KIT. MULTIPLE RELAYS KITS WILL REQUIRE CUSTOMER TO PURCHASE ADDITIONAL KITS AS NEEDED.



SLIDE RELAY CONNECTORS TOGETHER



MULTIPLE RELAYS CAN BE ASSEMBLED TOGETHER AS DESIRED. CUSTOMER MUST DETERMINE IF THERE IS ENOUGH CLEARANCE TO MOUNT ONE OR MORE RELAY KITS IN DESIRED LOCATION.

MULTIPLE KIT ATTACHMENT INSTRUCTIONS

THESE INSTRUCTIONS ARE ARRANGED AS FOLLOWS:

PAGE 3: GUIDELINES FOR DETERMINING RELAY & TERMINAL LOAD REQUIREMENTS.

PAGE 4: TERMINAL PREPARATION AND CRIMPING.

PAGE 5: CONNECTOR ASSEMBLY.

PAGE 6: TERMINAL REMOVAL INSTRUCTIONS

PAGE 7: KIT APPLICATION EXAMPLES

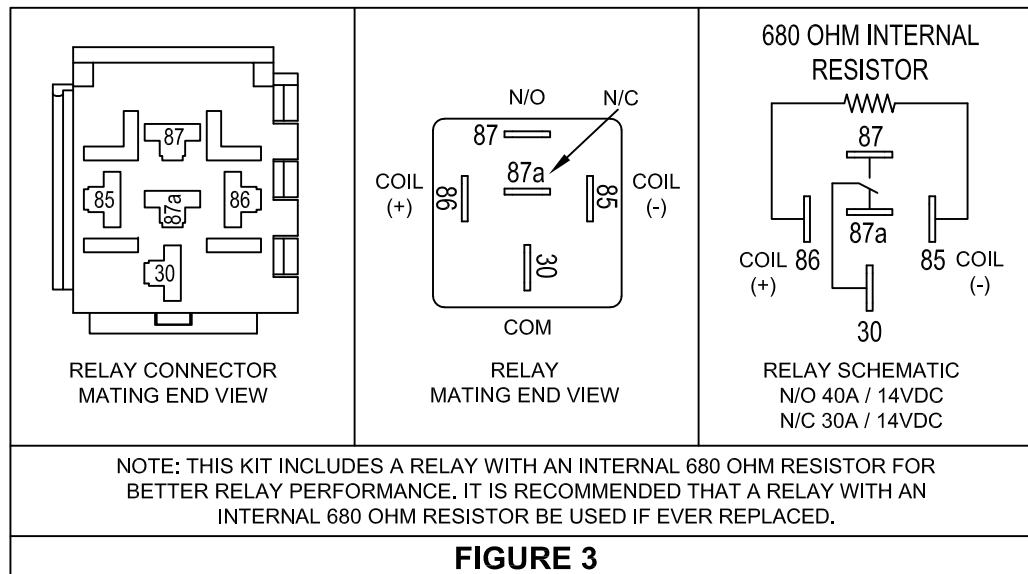
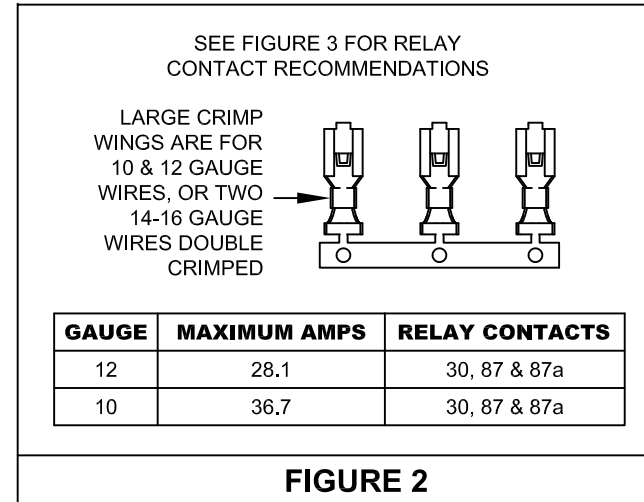
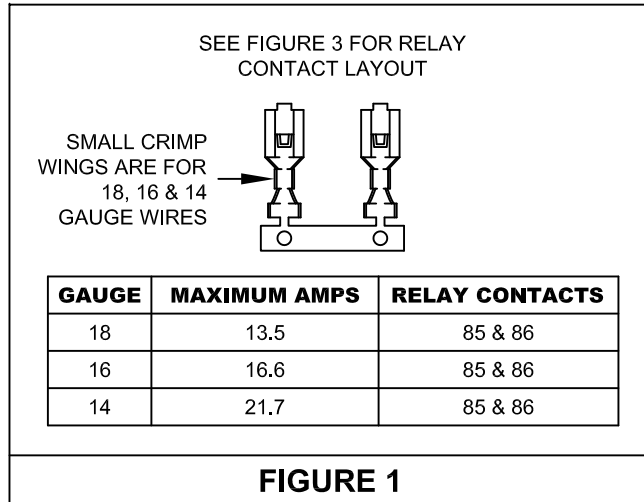
PAGE 8: TYPICAL KIT SCHEMATIC EXAMPLES.



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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 1, 2, & 3 FOR TERMINAL SELECTION GUIDELINES.



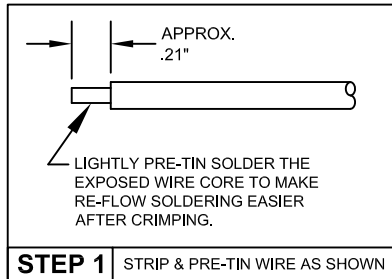
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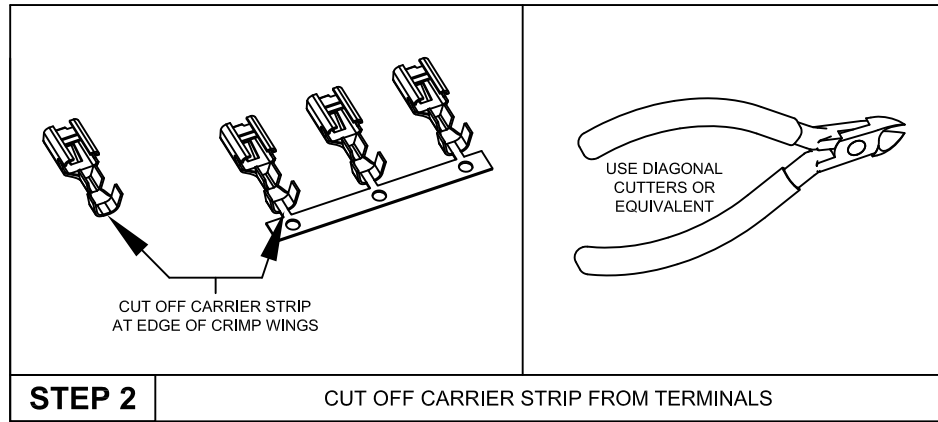
DWG NO. **92974675** SHEET NO. 3 OF 8

TERMINAL PREPARATION AND CRIMPING

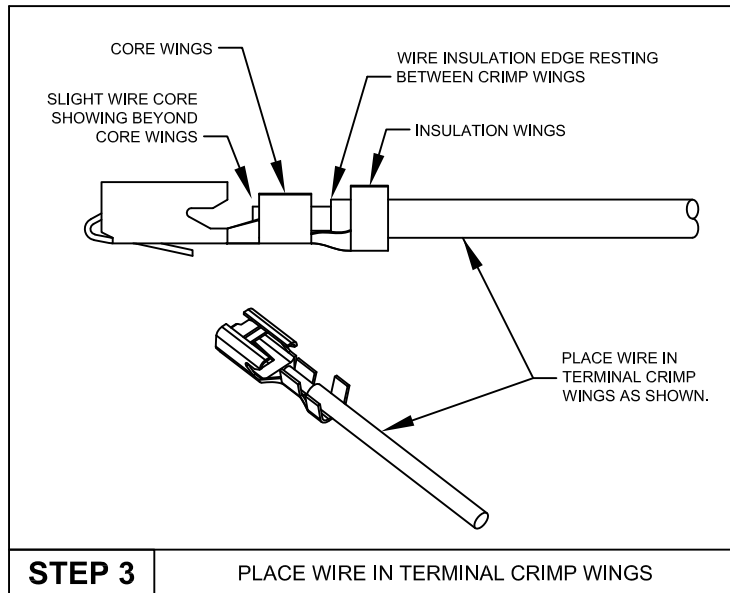
CRIMP WIRE TO TERMINAL AS SHOWN IN STEPS 1 THRU 4.



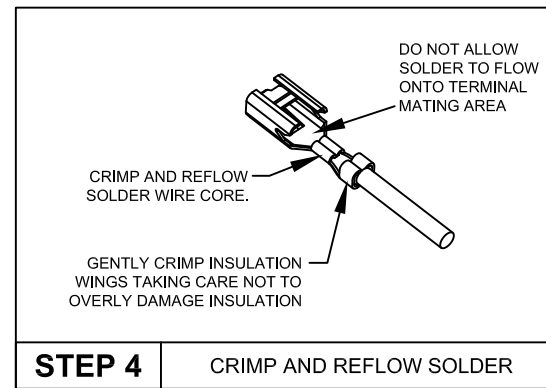
STEP 1 STRIP & PRE-TIN WIRE AS SHOWN



STEP 2 CUT OFF CARRIER STRIP FROM TERMINALS



STEP 3 PLACE WIRE IN TERMINAL CRIMP WINGS



STEP 4 CRIMP AND REFLOW SOLDER

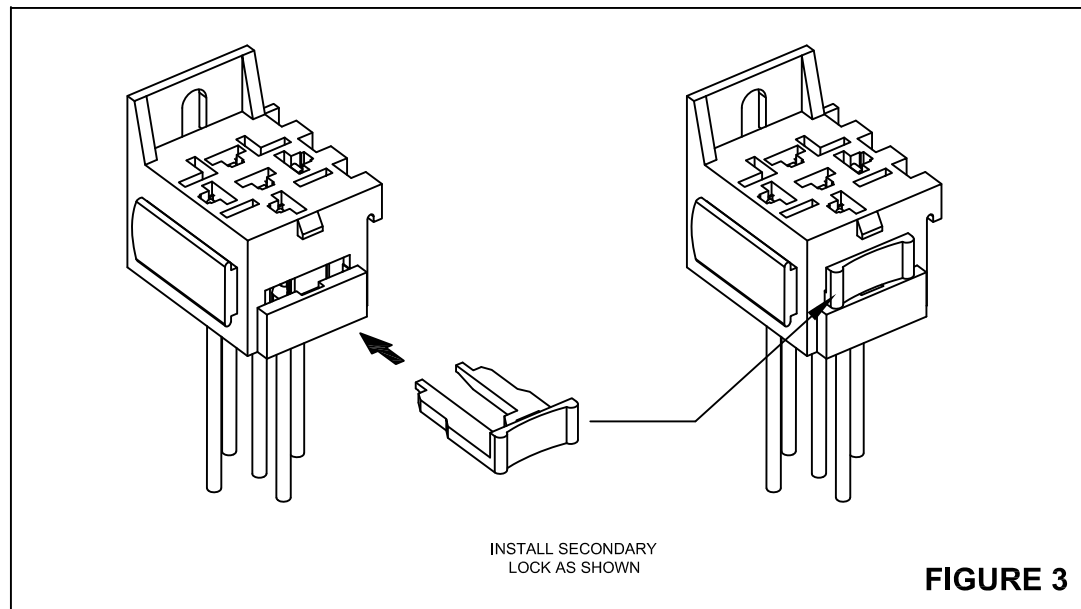
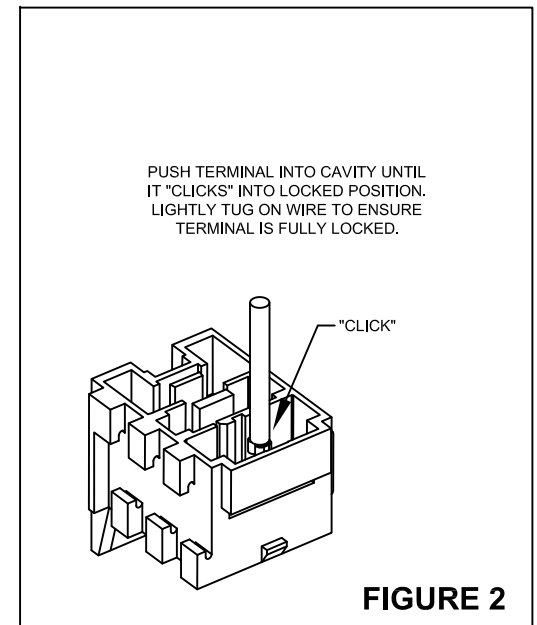
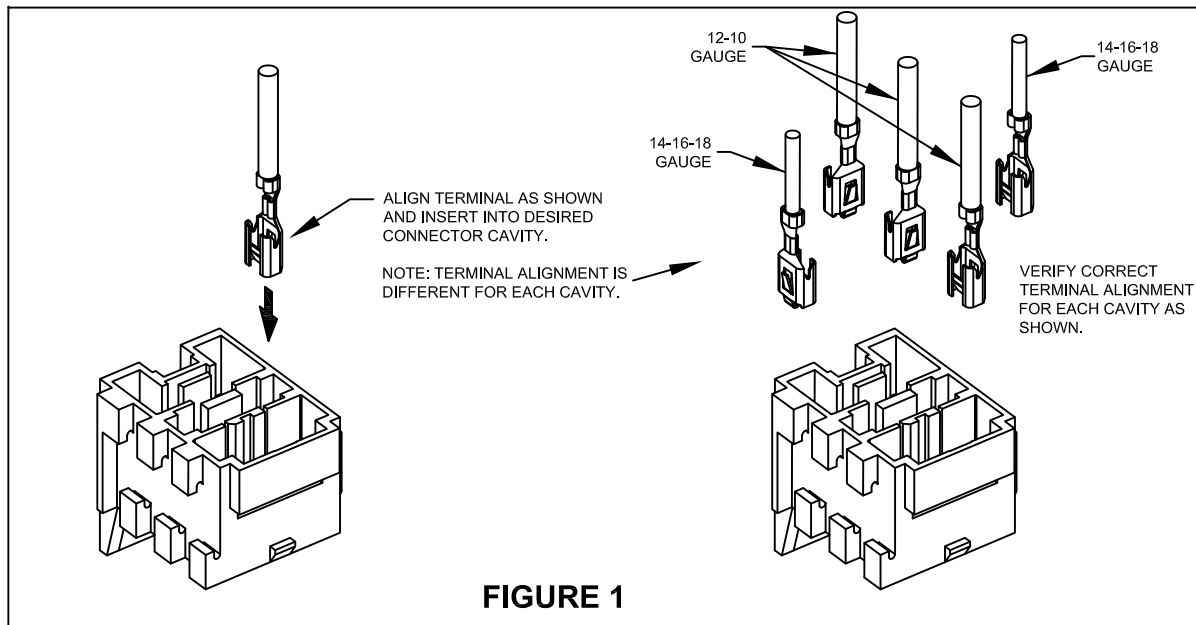
NOTE : COMMERCIAL CRIMPERS FOR "B" CRIMPING ARE VERY COMMON AND SHOULD BE USED ON SINGLE TERMINALS. HOWEVER, THEY DO NOT FULLY MEET FACTORY CRIMP SPECIFICATIONS SO SOLDERING IS RECOMMENDED.



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CONNECTOR ASSEMBLY

ASSEMBLE CONNECTOR AS SHOWN IN FIGURES 1 THRU 3.



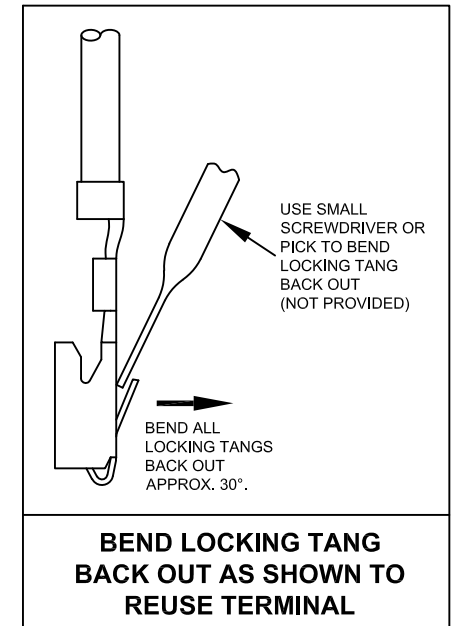
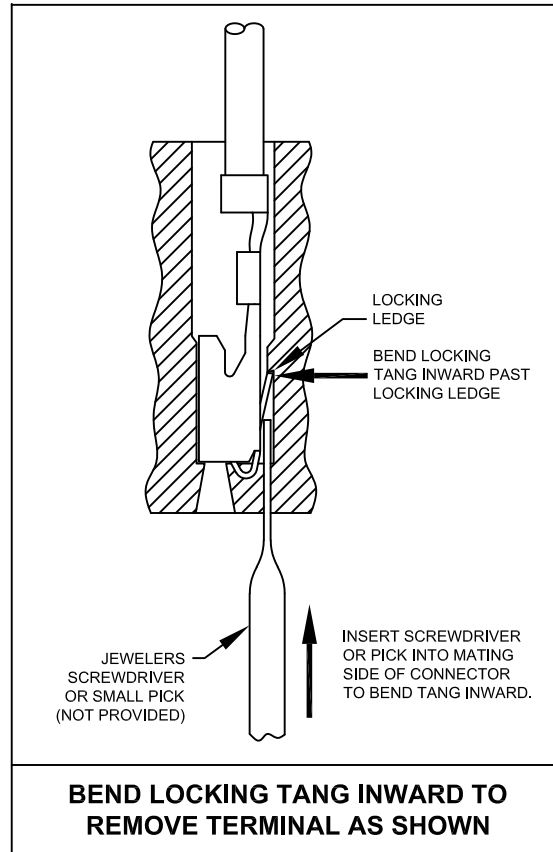
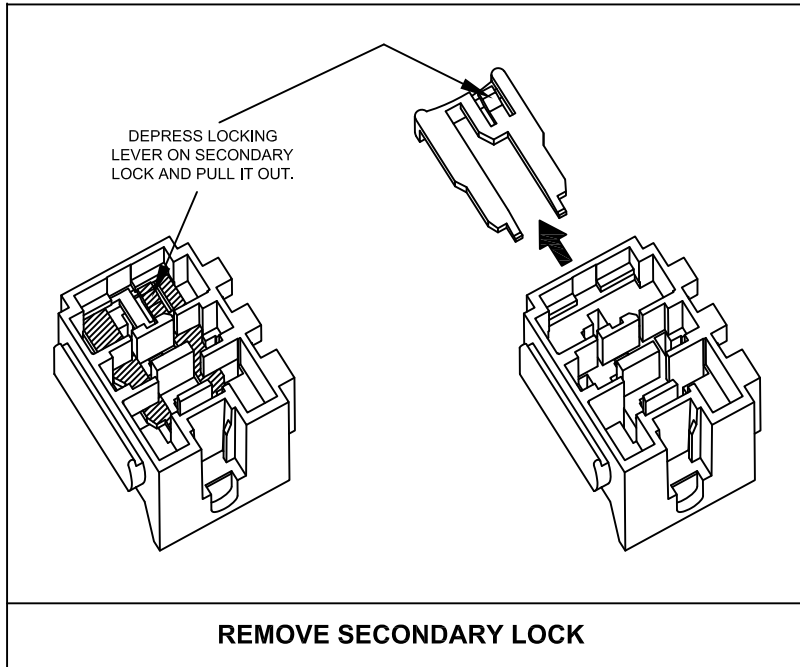
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TERMINAL REMOVAL



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TYPICAL RELAY & CONNECTOR KIT APPLICATION EXAMPLES

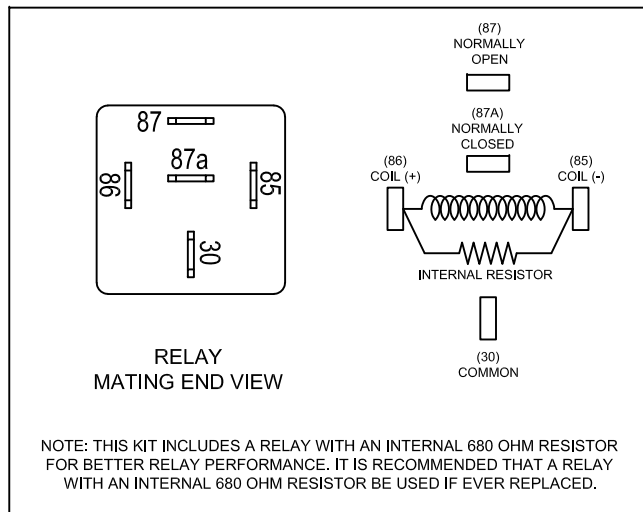
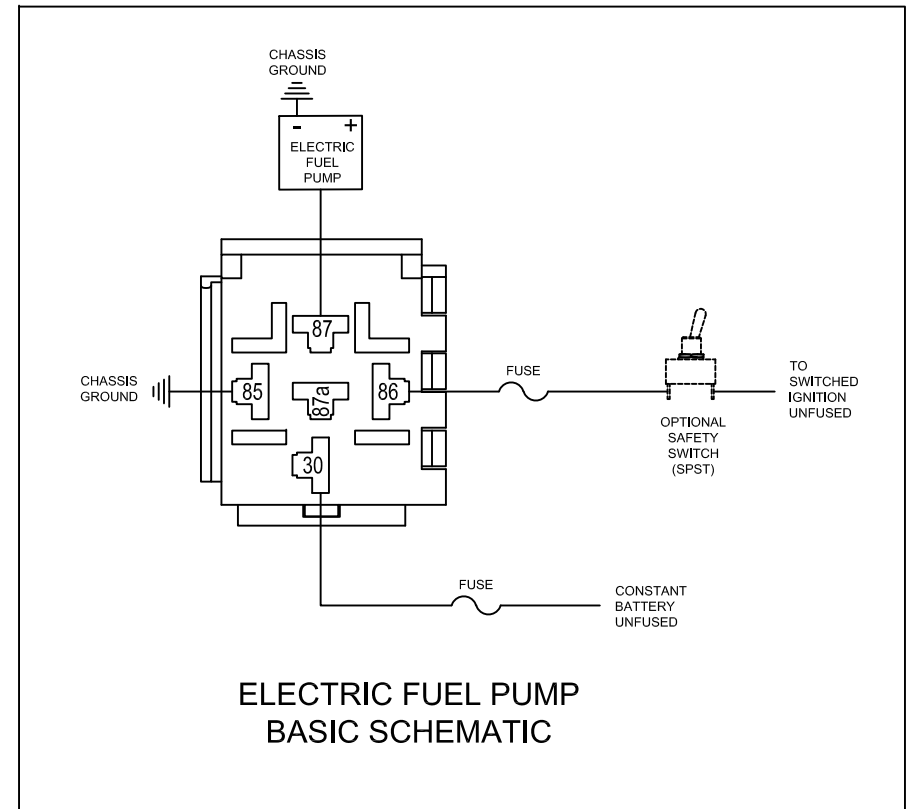
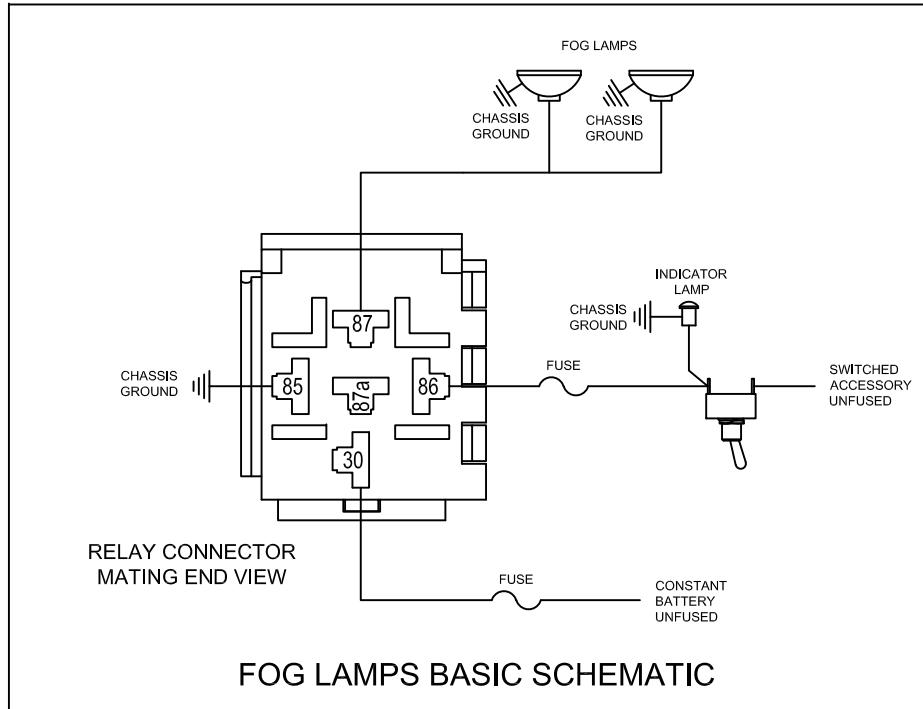
THERE ARE MANY USES FOR THIS RELAY & CONNECTOR KIT. IT PROVIDES A POWER SWITCHING OPTION FOR VARIOUS FACTORY ACCESSORIES AND AFTERMARKET DEVICES. HERE ARE SOME OF THE POSSIBLE USES FOR LOW TO HIGH AMPERAGE CAPACITY IN THE RELAY KIT:

- 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 RELAY
- 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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TYPICAL RELAY KIT SCHEMATICS

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



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