

WIRE	GA.	COLOR	WIRE	GA.	COLOR	WIRE	GA.	COLOR	WIRE	GA.	COLOR
1A	12	RED / WHITE	8D	18	GRAY	33A	18	TAN / WHITE	130	24	BROWN / WHITE RESISTANCE
1B	12	RED / WHITE	8E	18	GRAY	33B	18	TAN / WHITE	140A	18	ORANGE
1C	10	RED / WHITE	8F	18	GRAY	33F	18	TAN / WHITE	140B	18	ORANGE
1E	10	RED / WHITE	8G	18	GRAY	35	18	DARK GREEN	141	18	BROWN / WHITE
1F	10	RED / WHITE	9A	18	BROWN	38	18	DARK BLUE	150A	18	BLACK
2A	12	RED	9B	18	BROWN	39A	18	PINK	150B	18	BLACK
2B	12	RED	10	16	LIGHT BLUE	39B	14	PINK	150C	18	BLACK
2C	12	RED	11A	16	LIGHT GREEN	39C	18	PINK	150E	18	BLACK
2D	14	RED	11B	18	LIGHT GREEN	39D	18	PINK	150F	18	BLACK
2E	12	RED	12	16	TAN	39E	18	PINK	150G	18	BLACK
2F	12	RED	14A	18	LIGHT BLUE	39F	18	PINK	150H	18	BLACK
2G	12	RED	14B	18	LIGHT BLUE	39G	18	PINK	150J	18	BLACK
3A	12	PINK	15A	18	DARK BLUE	39H	16	PINK	150K	18	BLACK
3B	12	PINK	15B	18	DARK BLUE	39J	16	PINK	156	18	WHITE
3C	12	PINK	16	18	PURPLE	40A	18	ORANGE	200	12	LIGHT GREEN / BLACK
3D	14	PINK	17	18	WHITE	40B	18	ORANGE	201	12	DARK GREEN / RED
3E	14	PINK	18	18	YELLOW	40C	14	ORANGE	202	12	BLACK / RED
4A	12	BROWN	19	18	DARK GREEN	43	18	YELLOW	203	12	RED / BLACK
4B	14	BROWN	24	18	LIGHT GREEN	44	16	DARK GREEN	204	10	ORANGE / BLACK
5	12	PURPLE / WHITE	27	18	BROWN	50A	14	BROWN	237	18	PINK / WHITE
6	12	PURPLE	28	18	BLACK	50B	14	BROWN	238	18	BLACK / WHITE
8A	18	GRAY	29	12	DARK GREEN	75	18	DARK GREEN	240A	16	ORANGE / WHITE
8B	18	GRAY	30A	18	TAN	91	18	BLACK / WHITE	240B	14	ORANGE / WHITE
8C	18	GRAY	30B	18	TAN	92	18	LIGHT BLUE	240C	14	ORANGE / WHITE
						93A	18	YELLOW	300A	12	ORANGE
						93B	18	YELLOW	300B	12	ORANGE
						94	18	DARK BLUE	340	12	ORANGE

TO OUR VALUED CUSTOMER:
PLEASE READ ALL NOTES BEFORE BEGINNING INSTALLATION

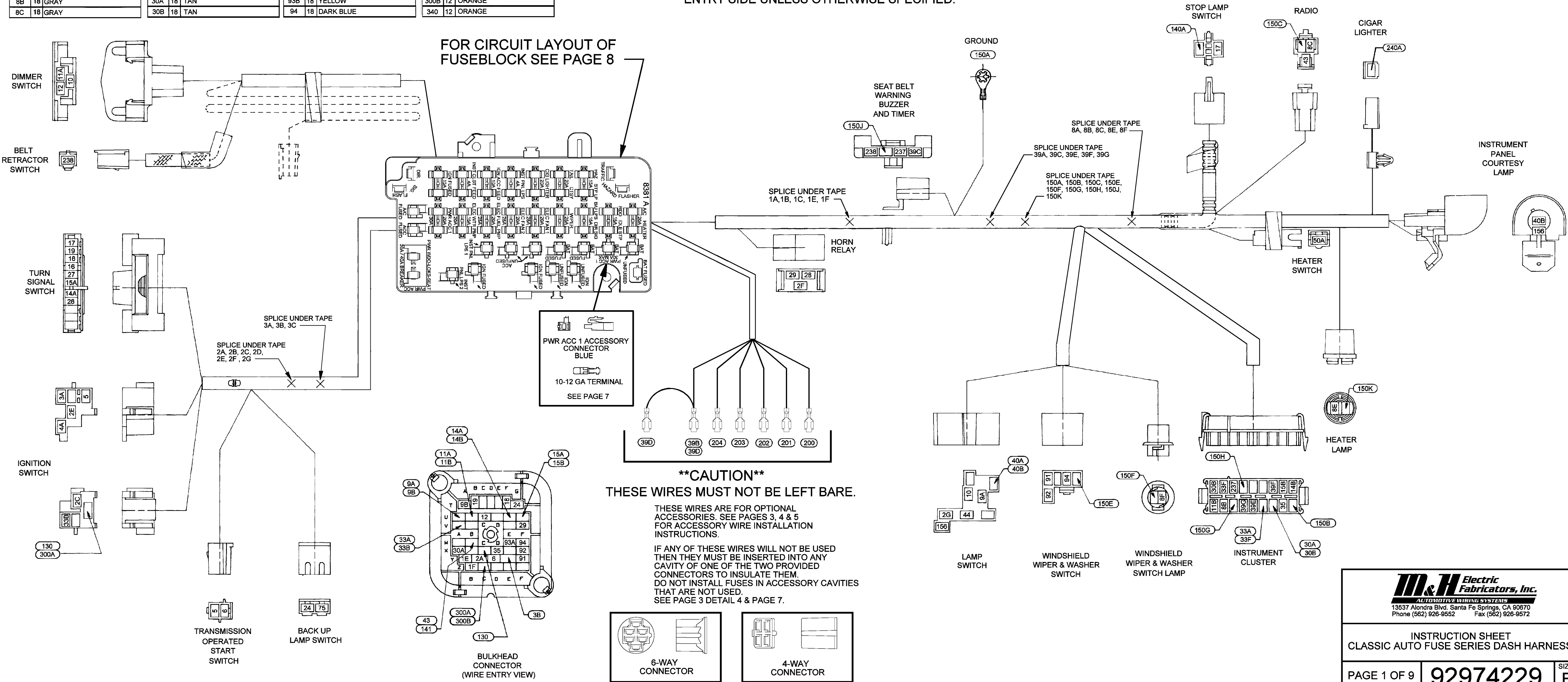
THANK YOU FOR PURCHASING THIS CLASSIC AUTOFUSE SERIES DASH HARNESS.
THIS IS THE ONLY FACTORY PLUG & PLAY OEM STYLE DASH HARNESS WITH STATE-OF-THE-ART AUTOFUSE SERIES FUSES.
FOR ANY QUESTIONS CONCERNING INSTALLATION OF THIS HARNESS PLEASE CALL OUR TECHNICAL SUPPORT LINE AT (562) 926-9552.

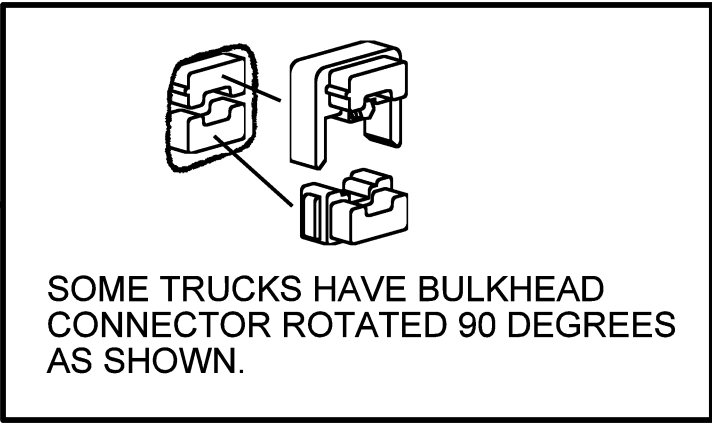
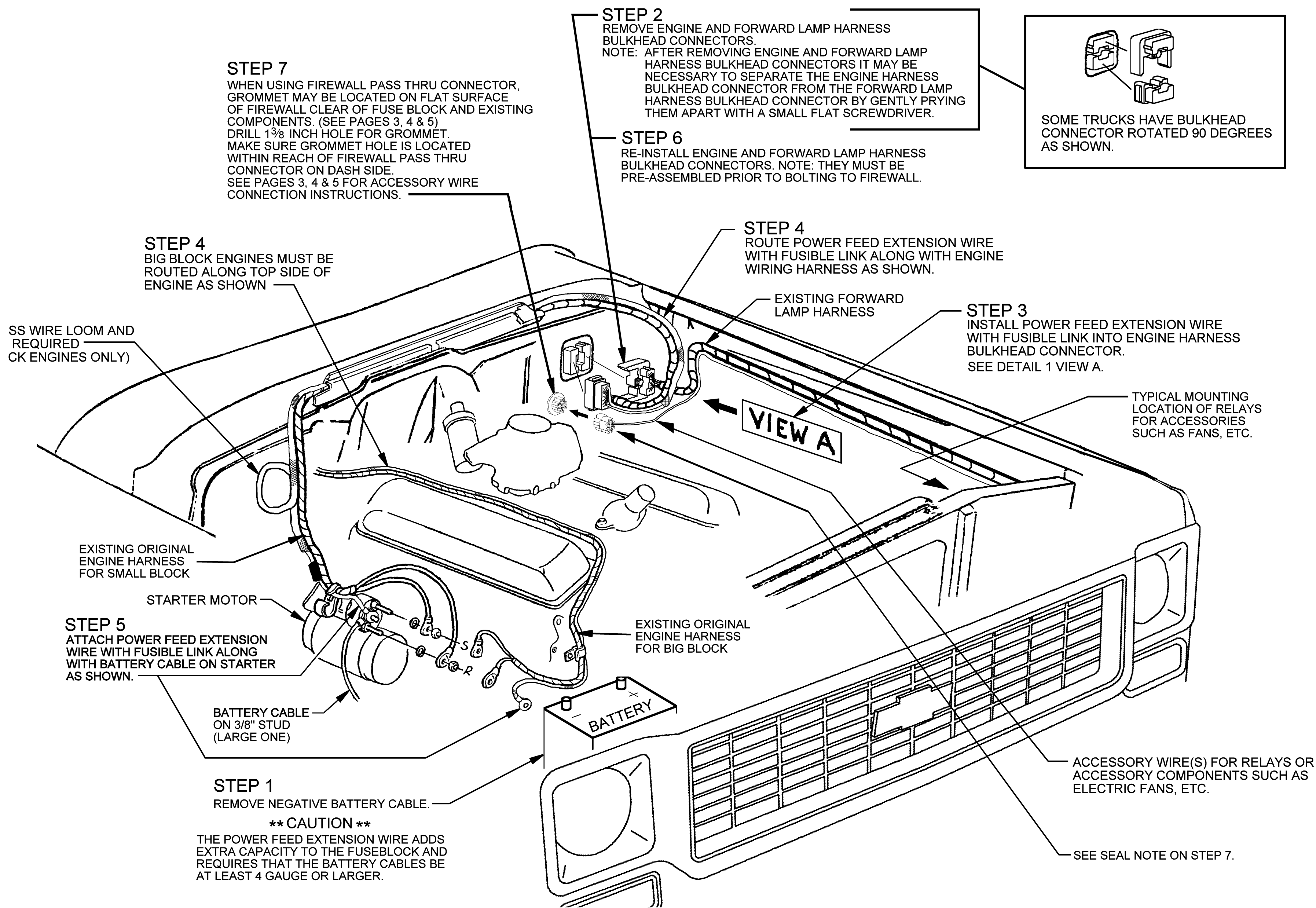
OPTIONAL RELAY CONNECTORS AND TERMINAL KITS, FUSE AND FLASHER KITS, FRONT OF FUSE BLOCK ACCESSORY CONNECTOR AND TERMINAL KITS ARE AVAILABLE SEPARATELY. CALL YOUR AUTHORIZED M&H ELECTRIC DEALER OR OUR DIRECT DIAL LINE ABOVE FOR ASSISTANCE WITH THESE KITS AND MANY OTHER ELECTRICAL PRODUCTS FOR YOUR CLASSIC CAR OR TRUCK.

ALL ROUTING IS LIKE ORIGINAL DASH HARNESS EXCEPT ACCESSORY WIRES AND TURN SIGNAL FLASHER. SEE STEP 2 ON PAGE 2 FOR REMOVAL OF BULKHEAD CONNECTOR BEFORE BEGINNING INSTALLATION OF DASH HARNESS. IT IS RECOMMENDED THAT YOU PURCHASE A FACTORY ASSEMBLY INSTRUCTION MANUAL (WHEN AVAILABLE) TO ASSIST IN ROUTING HARNESSES THROUGHOUT THE VEHICLE. PROCEED TO INSTALL DASH HARNESS EXCEPT THE 6 NEW ACCESSORY WIRES. THESE WIRES WILL BE COVERED IN STEP 7 OF PAGE 2.

CAUTION: ACCESSORY WIRES MUST NOT BE LEFT BARE. SEE CAUTION BELOW IF ANY OF THE ACCESSORY WIRES WILL NOT BE USED.

NOTE: ALL CONNECTORS ON THESE INSTRUCTION SHEETS ARE VIEWED FROM THE MATING END VIEW OPPOSITE THE WIRE ENTRY SIDE UNLESS OTHERWISE SPECIFIED.





STEP 1:
REMOVE NEGATIVE BATTERY CABLE.

STEP 2:
REMOVE FORWARD LAMP HARNESS AND ENGINE HARNESS BULKHEAD CONNECTORS BY REMOVING ATTACHING BOLT.
NOTE: AFTER REMOVING ENGINE AND FORWARD LAMP HARNESS BULKHEAD CONNECTORS IT MAY BE NECESSARY TO SEPARATE THE ENGINE HARNESS BULKHEAD CONNECTOR FROM THE FORWARD LAMP HARNESS BULKHEAD CONNECTOR BY GENTLY PRYING THEM APART WITH A SMALL FLAT SCREWDRIVER.

STEP 3:
INSERT THE POWER FEED EXTENSION WIRE WITH FUSIBLE LINK INTO THE APPROPRIATE CAVITIES ON THE ENGINE HARNESS BULKHEAD CONNECTOR. SEE DETAIL 1 VIEW A.

NOTE: IT MAY BE NECESSARY TO CLEAN THE CAVITIES IN THE BULKHEAD CONNECTOR WITH A SMALL SCREWDRIVER AND RE-SEAL WITH BLACK SILICONE AFTER INSTALLATION OF POWER FEED WIRE.

STEP 4:
ROUTE POWER FEED EXTENSION WIRE WITH FUSIBLE LINK ALONG WITH ENGINE WIRING HARNESS AS SHOWN IN DIAGRAM.

NOTE: SMALL BLOCK ENGINES ARE ROUTED DOWN THE BACK SIDE OF THE ENGINE AND THE EXCESS WIRE FROM THE POWER FEED EXTENSION WIRE MUST BE LOOPED AND SECURED AS SHOWN. USE CAUTION NOT TO KINK LOOM AND KEEP AWAY FROM EXHAUST OR HEAT. BIG BLOCK ENGINES ARE ROUTED OVER THE TOP ALONG SIDE THE VALVE COVER WITH NO EXCESS WIRE AS SHOWN. CAREFULLY ROUTE BELOW EXHAUST MANIFOLD BY OIL PAN RAIL TO STARTER. SECURE IF NECESSARY.

CAUTION: THE POWER FEED CIRCUIT ADDS EXTRA CAPACITY TO THE NEW FUSEBLOCK AND REQUIRES THAT THE VEHICLE BATTERY CABLE BE AT LEAST 4 GAUGE OR LARGER.

STEP 5:
INSTALL RING TERMINAL END OF POWER FEED EXTENSION WIRE WITH FUSIBLE LINK ONTO STARTER BATTERY POST (LARGE ONE) WITH BATTERY CABLE AS SHOWN.

STEP 6:
RE-INSTALL ENGINE HARNESS AND FORWARD LAMP HARNESS BULKHEAD CONNECTORS ONTO DASH BULKHEAD CONNECTOR ON FIREWALL.

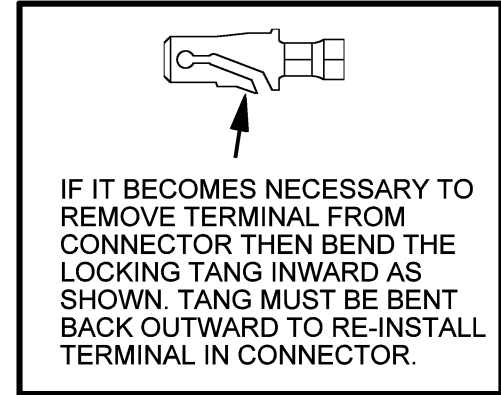
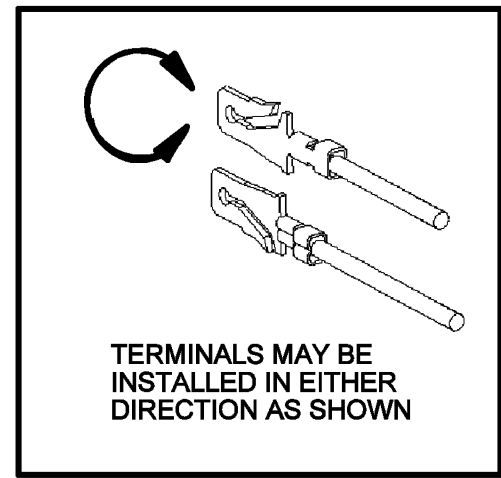
NOTE: DO NOT RE-INSTALL NEGATIVE BATTERY CABLE UNTIL ALL ACCESSORIES HAVE BEEN INSTALLED OR ADDRESSED IN PRECEDING PAGES.

STEP 7:
THERE ARE 3 WAYS TO USE THE NEW ACCESSORY CONNECTORS & WIRES ON YOUR NEW CLASSIC AUTOFUSE SERIES DASH HARNESS:

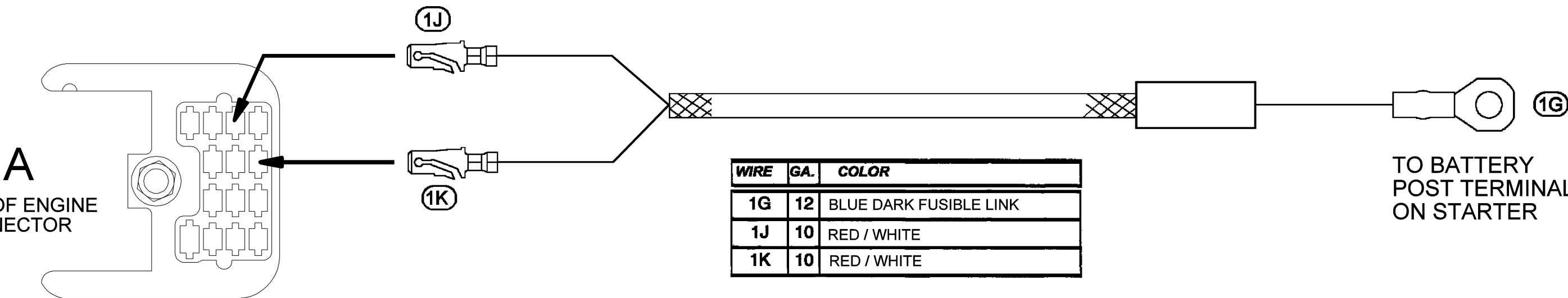
1. YOU CAN USE THE 6-WAY CONNECTOR AS AN IN-LINE STYLE WHEN NO WIRES WILL BE PASSING THROUGH THE FIREWALL TO THE ENGINE COMPARTMENT.
2. YOU CAN USE THE 6-WAY CONNECTOR WITH THE GROMMET AS A PANEL MOUNT STYLE WHEN ALL THE WIRES WILL PASS THROUGH THE FIREWALL TO THE ENGINE COMPARTMENT.
3. YOU CAN USE THE 6-WAY CONNECTOR WITH THE GROMMET AS A PANEL MOUNT SYLE AND THE 4-WAY CONNECTOR AS AN IN-LINE CONNECTOR WHEN SOME WIRES WILL PASS THROUGH THE FIREWALL AND SOME WIRES WILL BE USED AS IN-LINE UNDER THE DASH.

SEAL NOTE: SEAL ANY UNUSED CAVITIES ON THE ENGINE SIDE OF THE 6-WAY CONNECTOR WITH SILICONE.

INSTALL THE 6-WAY CONNECTOR AND GROMMET INTO THE FIREWALL BY DRILLING A 1 " HOLE IN THE FIREWALL AND INSTALLING GROMMET. MAKE SURE GROMMET HOLE IS LOCATED WITHIN REACH OF 6-WAY ACCESSORY HARNESS CONNECTOR ON DASH HARNESS BY SCREWING THE NEW FUSEBLOCK IN PLACE FIRST TO DETERMINE THE LENGTH AND POSITION OF THE ACCESSORY WIRES AND CONNECTORS.



VIEW A
WIRE ENTRY VIEW OF ENGINE BULKHEAD CONNECTOR



POWER FEED EXTENSION WIRE WITH FUSIBLE LINK TO ENGINE HARNESS BULKHEAD CONNECTOR INSTALLATION

CAUTION: THIS CIRCUIT ADDS EXTRA CAPACITY TO THE NEW FUSEBLOCK AND REQUIRES THAT THE VEHICLE BATTERY CABLE BE AT LEAST 4 GAUGE OR LARGER.

DETAIL 1

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INSTRUCTION SHEET
POWER FEED EXTENSION WIRE WITH FUSIBLE LINK

DEVICE WIRE ASSEMBLES

SEE
DETAIL
1 & 2

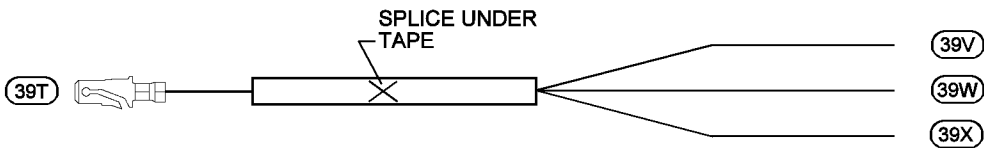
WIRE	GA.	COLOR
200A	12	LIGHT GREEN / BLACK
201A	12	DARK GREEN / RED
202A	12	BLACK / RED
203A	12	RED / BLACK
204A	10	ORANGE / BLACK

- (200A) TO RELAY FOR ELECTRIC WATER PUMP
- (201A) TO RELAY FOR ELECTRIC FUEL PUMP
- (202A) TO RELAY FOR SINGLE ELECTRIC RADIATOR FAN
- (203A) TO RELAY FOR SECOND ELECTRIC RADIATOR FAN
- (204A) FROM POWER ACCESSORY CIRCUIT BREAKER

THESE WIRES ARE PROVIDED TO REACH RELAYS MOUNTED IN THE MOST COMMON MOUNTING LOCATIONS. WIRES FROM RELAYS TO ACTUAL ACCESSORIES ARE NOT PROVIDED AND ARE THE RESPONSIBILITY OF THE CUSTOMER.

SEE
DETAIL
1 & 2

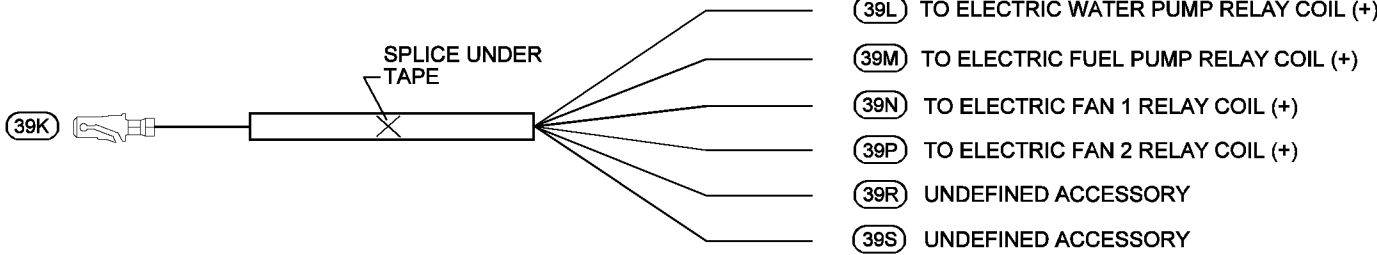
WIRE	GA.	COLOR
39T	14	PINK
39V	18	PINK
39W	18	PINK
39X	18	PINK



- (39V) UNDEFINED ACCESSORY WHEN USED AS IN-LINE UNDER DASH COMBINED WITH FIREWALL PASS THROUGH TO ENGINE COMPARTMENT.
- (39W)
- (39X)

SEE
DETAIL
1 & 2

WIRE	GA.	COLOR
39K	14	PINK
39L	18	PINK
39M	18	PINK
39N	18	PINK
39P	18	PINK
39R	18	PINK
39S	18	PINK



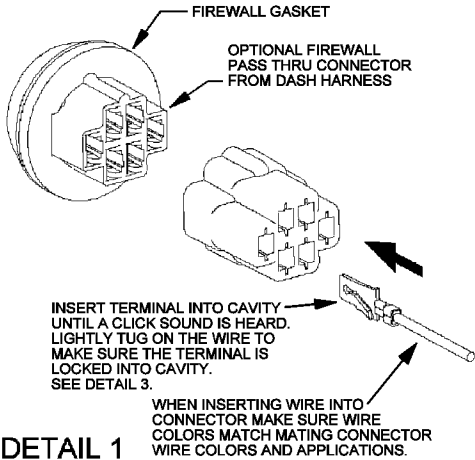
- (39L) TO ELECTRIC WATER PUMP RELAY COIL (+)
- (39M) TO ELECTRIC FUEL PUMP RELAY COIL (+)
- (39N) TO ELECTRIC FAN 1 RELAY COIL (+)
- (39P) TO ELECTRIC FAN 2 RELAY COIL (+)
- (39R) UNDEFINED ACCESSORY
- (39S) UNDEFINED ACCESSORY

IGNITION POWER WITH SWITCH IN RUN POSITION ONLY. USED TO POWER RELAY COILS FOR ACCESSORIES WHEN IGNITION SWITCH IS TURNED ON. SEE PAGES 4 & 5. ALL WIRES ARE THE SAME AND CAN BE INTERCHANGED.

****CAUTION****
 THESE WIRES ARE LIVE
 UNUSED WIRES MUST BE CUT OFF AT THE END OF TAPE OR INSULATE THE ENDS OF THE WIRES.

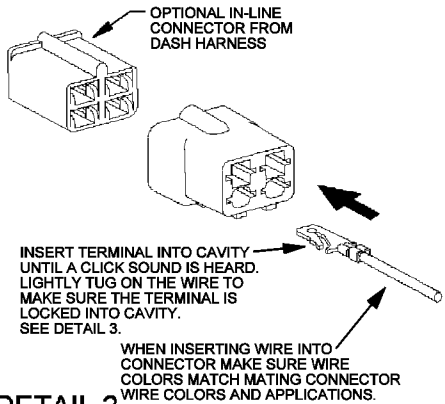
IGNITION FEED WIRE ASSEMBLY

THIS 6-WAY CONNECTOR IS USED TO PASS WIRES THROUGH THE FIREWALL TO THE ENGINE COMPARTMENT OR IT CAN BE USED AS AN IN-LINE CONNECTOR UNDER DASH WITHOUT THE GROMMET.

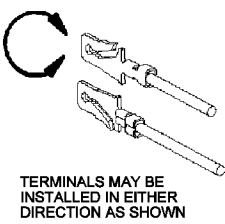


DETAIL 1

USE THIS 4-WAY CONNECTOR AS AN UNDER DASH IN-LINE CONNECTOR FOR WIRES THAT DO NOT HAVE TO PASS THROUGH THE FIREWALL.



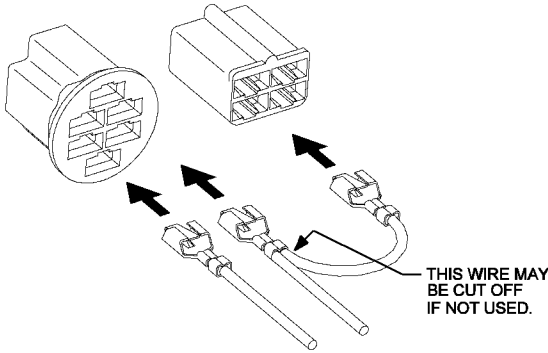
DETAIL 2



DETAIL 3



IF IT BECOMES NECESSARY TO REMOVE TERMINAL FROM CONNECTOR THEN BEND THE LOCKING TANG INWARD AS SHOWN. TANG MUST BE BENT BACK OUTWARD TO RE-INSTALL TERMINAL IN CONNECTOR.



ANY ACCESSORY WIRES THAT WILL NOT BE USED MUST BE INSERTED IN THE PROVIDED CONNECTORS AS SHOWN. CAUTION: THESE WIRES MUST NOT BE LEFT BARE.

DETAIL 4

**** CAUTION ****

WHEN DESIGNING OR LAYING OUT YOUR ACCESSORIES FOR THE VEHICLE, IT IS POSSIBLE TO OVERLOAD THE DASH HARNESS IF THE CURRENT DRAW OF ANY ACCESSORIES EXCEEDS THE PRINTED FUSE OR CIRCUIT BREAKER CAPACITY OF THE CAVITY. PLEASE CALL OUR TECHNICAL SUPPORT FOR HELP BEFORE ANY DEVIATION FROM THE RATED AMPERAGE CAPACITY OF THE FUSE OR CIRCUIT BREAKER CAVITY.

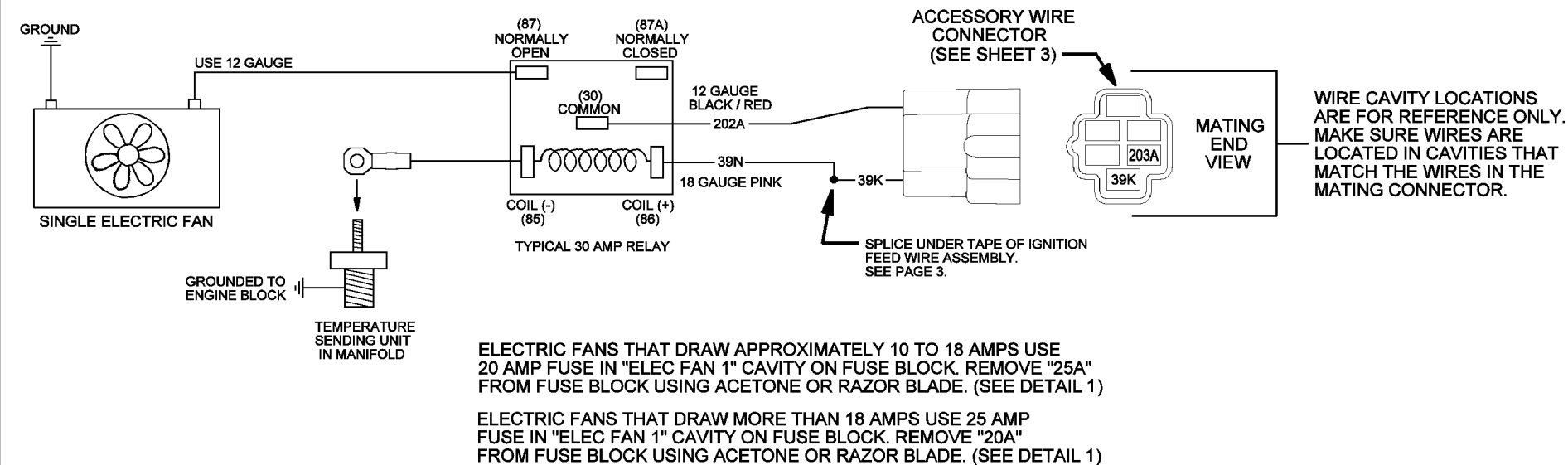
M&H Electric Fabricators, Inc.
 AUTOMOTIVE WIRING SYSTEMS

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 Phone (562) 926-9552 Fax (562) 926-9572

INSTRUCTION SHEET
 ACCESSORY WIRE HARNESS

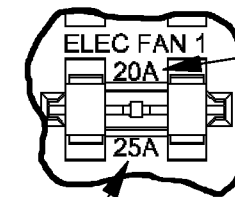
SCHEMATIC DIAGRAM 1

TYPICAL WIRING INSTRUCTIONS FOR INSTALLING A SINGLE ELECTRIC RADIATOR FAN



**TYPICAL EXAMPLE OF SINGLE ELECTRIC FAN WIRING.
RELAY ACTIVE WITH KEY IN RUN POSITION ONLY AND
TEMPERATURE SENDER TRIGGERED.**

**DO NOT REMOVE ANY LETTERING UNTIL
SYSTEM HAS BEEN FULLY TESTED**



— REMOVE 20A WHEN
USING 25 AMP FUSE.
REMOVE WITH RAZOR
BLADE OR ACETONE.

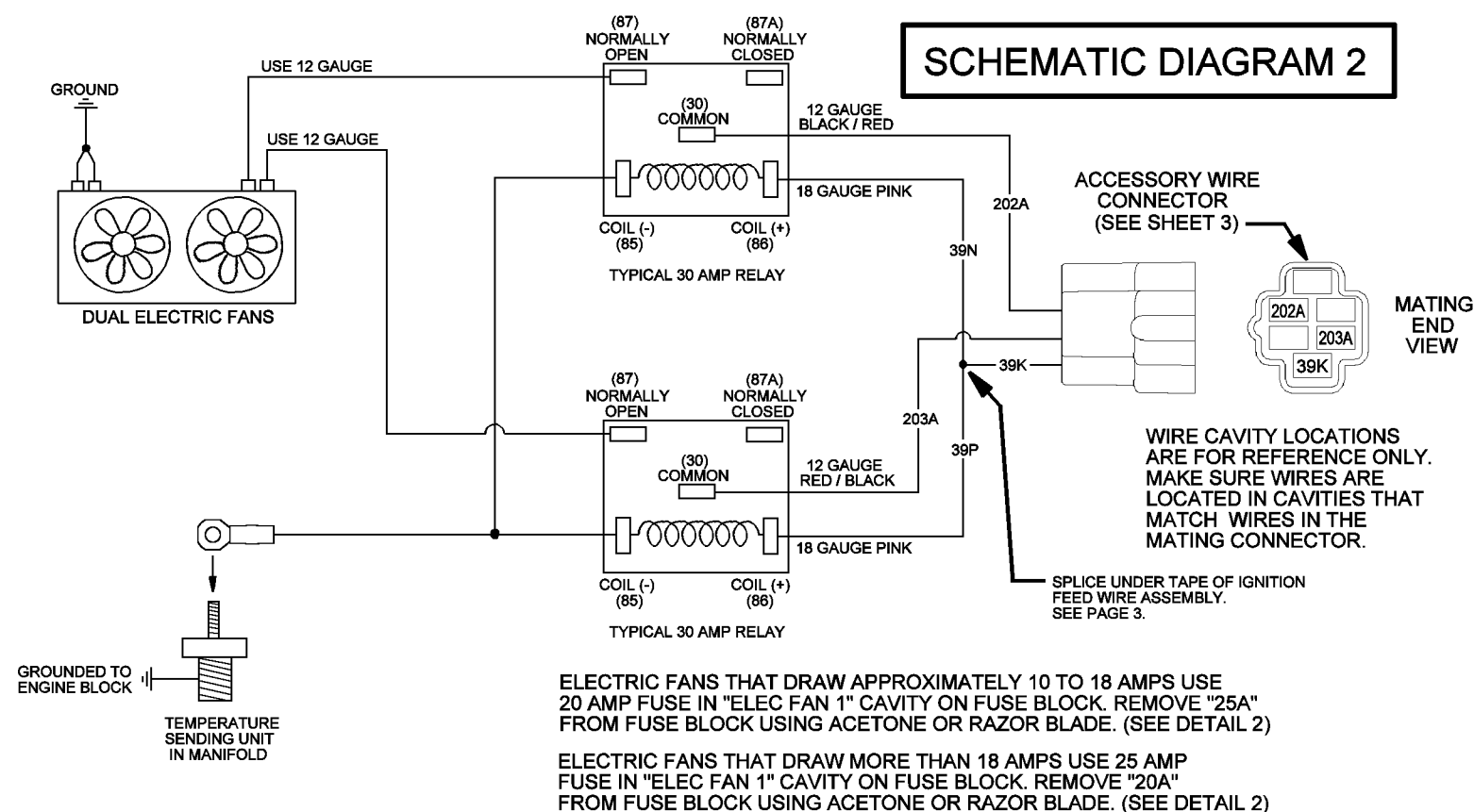
— REMOVE 25A WHEN USING 20 AMP FUSE.
REMOVE WITH RAZOR BLADE OR ACETONE.

CAUTION: BE CAREFUL TO ONLY REMOVE INDICATED LETTERING WITHOUT REMOVING OTHER LETTERING. ACETONE WILL REMOVE ANY LETTERING THAT IT TOUCHES.

DETAIL 1

SINGLE ELECTRIC FAN FUSE CAVITY

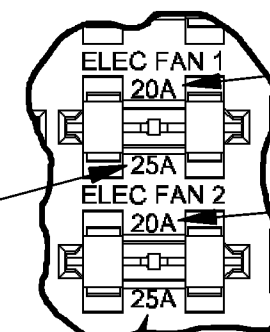
SCHEMATIC DIAGRAM 2



**TYPICAL EXAMPLE OF DUAL ELECTRIC FAN WIRING.
RELAY ACTIVE WITH KEY IN RUN POSITION ONLY AND
TEMPERATURE SENDER TRIGGERED.**

TYPICAL WIRING INSTRUCTIONS FOR INSTALLING DUAL ELECTRIC RADIATOR FANS.

DO NOT REMOVE ANY LETTERING UNTIL SYSTEM HAS BEEN FULLY TESTED



REMOVE 20A WHEN
USING 25 AMP FUSE.
REMOVE WITH RAZOR
— BLADE OR ACETONE.

— REMOVE 20A WHEN
USING 25 AMP FUSE.
REMOVE WITH RAZOR
BLADE OR ACETONE.

— REMOVE 25A WHEN USING 20 AMP FUSE.
REMOVE WITH RAZOR BLADE OR ACETONE.

CAUTION: BE CAREFUL TO ONLY REMOVE INDICATED LETTERING WITHOUT REMOVING OTHER LETTERING. ACETONE WILL REMOVE ANY LETTERING THAT IT TOUCHES.

DETAIL 2

DUAL ELECTRIC FANS FUSE CAVITIES

NOTE: RELAYS, RELAY CONNECTORS, SWITCHES PUMPS AND FANS ARE NOT PROVIDED WITH THIS KIT.

WIRING INSTRUCTIONS FOR INSTALLING SINGLE ELECTRIC RADIATOR FAN

STEP 1:
INSTALL SINGLE ELECTRIC FAN WIRING ACCORDING TO
SCHEMATIC DIAGRAM 1.

STEP 2:
DETERMINE THE AMPERAGE RATING OF YOUR ELECTRIC
FAN AND CHOOSE THE APPROPRIATE FUSE FOR THE
"ELEC FAN 1" CAVITY ON THE FUSEBLOCK.

STEP 3: FULLY TEST THE SYSTEM.

STEP 4:
REMOVE APPROPRIATE LETTERING ON FUSEBLOCK.
SEE DETAIL 1.

WIRING INSTRUCTIONS FOR INSTALLING DUAL ELECTRIC RADIATOR FANS

STEP 1:
INSTALL DUAL ELECTRIC FAN WIRING ACCORDING TO
SCHEMATIC DIAGRAM 2.

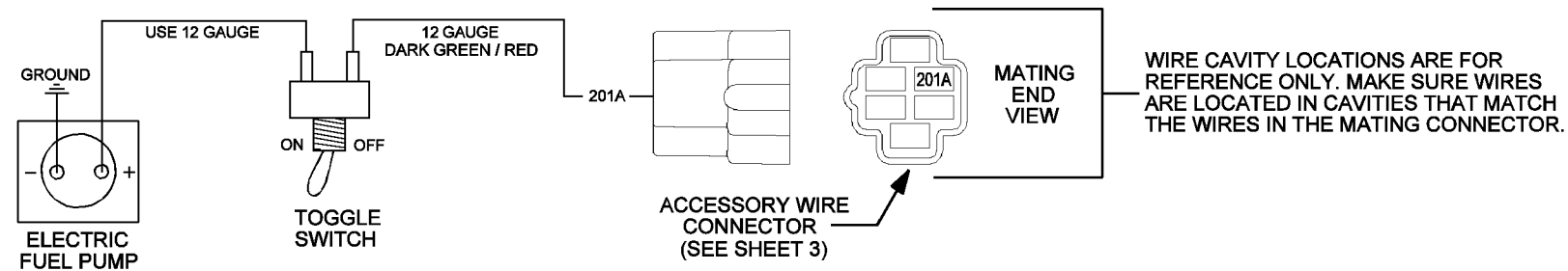
STEP 2:
DETERMINE THE AMPERAGE RATING OF YOUR ELECTRIC FANS AND CHOOSE THE APPROPRIATE FUSE FOR THE "ELEC FAN 1" & "ELEC FAN 2" CAVITIES ON THE FUSEBLOCK.

STEP 3: FULLY TEST THE SYSTEM.

STEP 4:
REMOVE APPROPRIATE LETTERING ON FUSEBLOCK.
SEE DETAIL 2.

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INSTRUCTION SHEET ACCESSORY WIRING SCHEMATIC



ELECTRIC FUEL PUMPS THAT DRAW APPROXIMATELY 10 TO 17 AMPS USE 20 AMP FUSE IN "ELEC FUEL PMP" CAVITY ON FUSE BLOCK. REMOVE "25A" FROM FUSE BLOCK USING ACETONE OR RAZOR BLADE. (SEE DETAIL 3)

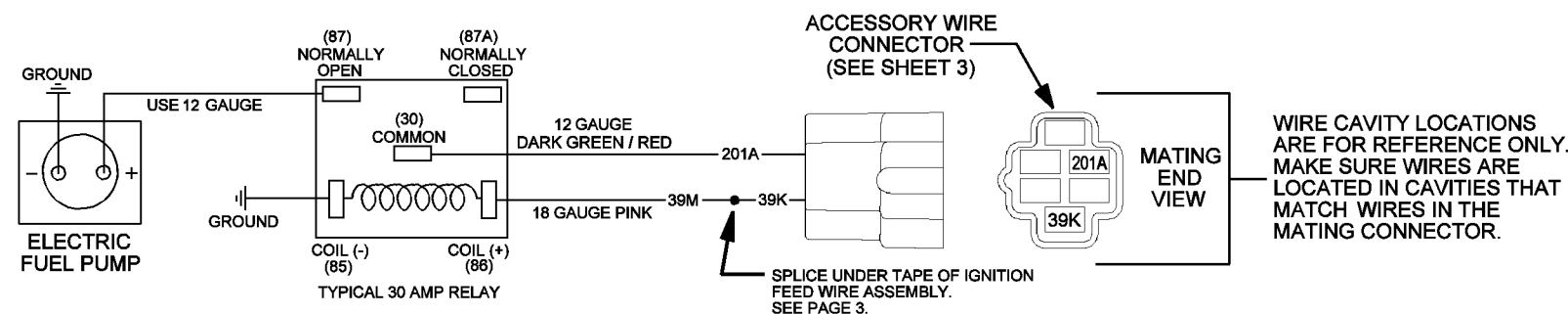
ELECTRIC FUEL PUMPS THAT DRAW MORE THAN 17 AMPS USE 25A FUSE IN "ELEC FUEL PMP" CAVITY ON FUSE BLOCK. REMOVE "20A" FROM FUSE BLOCK USING ACETONE OR RAZOR BLADE. (SEE DETAIL 3)

SCHEMATIC DIAGRAM 3

TYPICAL EXAMPLE OF FUEL PUMP WIRING WITHOUT RELAY.

WIRING INSTRUCTIONS FOR INSTALLING ELECTRIC FUEL PUMP WITHOUT RELAY

STEP 1:
INSTALL ELECTRIC FUEL PUMP WIRING ACCORDING TO
SCHEMATIC DIAGRAM 3.



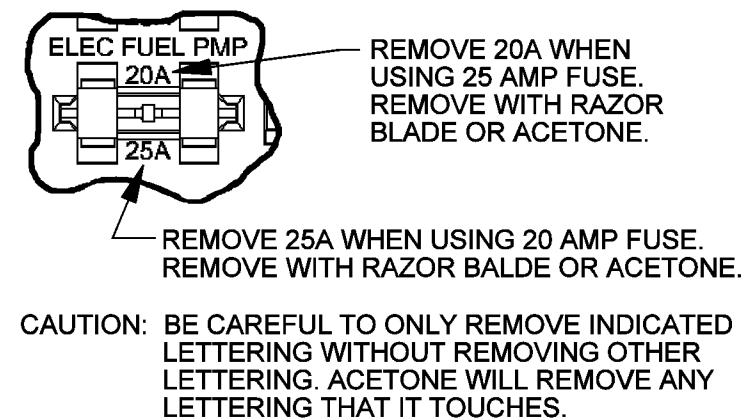
ELECTRIC FUEL PUMPS THAT DRAW APPROXIMATELY 10 TO 17 AMPS USE 20 AMP FUSE IN "ELEC FUEL PMP" CAVITY ON FUSE BLOCK. REMOVE "25A" FROM FUSE BLOCK USING ACETONE OR RAZOR BLADE. (SEE DETAIL 3)

ELECTRIC FUEL PUMPS THAT DRAW MORE THAN 17 AMPS USE 25A FUSE IN "ELEC FUEL PMP" CAVITY ON FUSE BLOCK. REMOVE "20A" FROM FUSE BLOCK USING ACETONE OR RAZOR BLADE. (SEE DETAIL 3)

SCHEMATIC DIAGRAM 4

TYPICAL EXAMPLE OF FUEL PUMP WIRING,
RELAY ACTIVE WITH KEY IN RUN POSITION ONLY.

DO NOT REMOVE ANY LETTERING UNTIL
SYSTEM HAS BEEN FULLY TESTED



DETAIL 3 ELECTRIC FUEL PUMP FUSE CAVITY

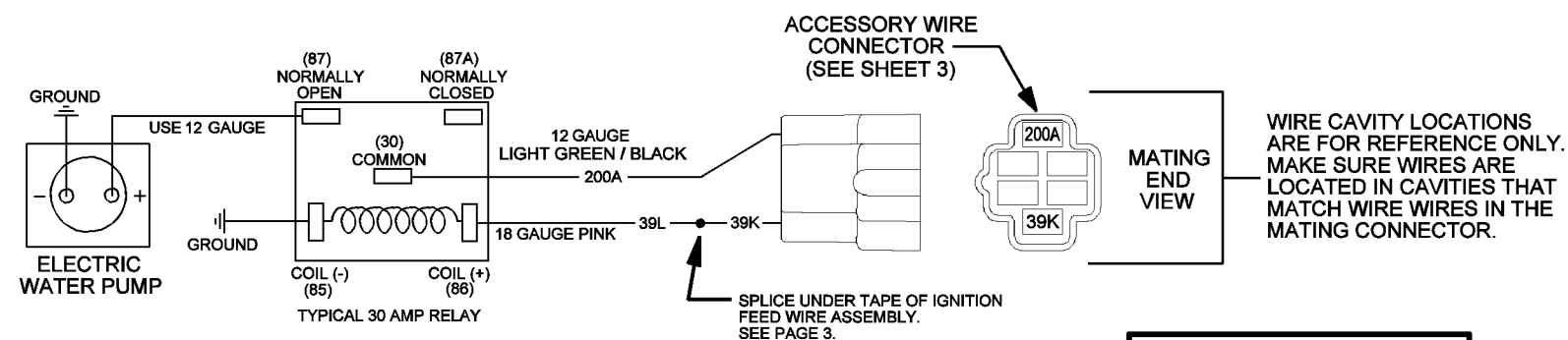
WIRING INSTRUCTIONS FOR INSTALLING ELECTRIC FUEL PUMP WITH RELAY

STEP 1:
INSTALL ELECTRIC FUEL PUMP WIRING ACCORDING TO
SCHEMATIC DIAGRAM 4.

STEP 2:
DETERMINE THE AMPERAGE RATING OF YOUR ELECTRIC
FUEL PUMP AND CHOOSE THE APPROPRIATE FUSE FOR THE
"ELEC FUEL PMP" CAVITY ON THE FUSEBLOCK.
SEE DETAIL 3.

STEP 3:
FULLY TEST THE SYSTEM.

STEP 4:
REMOVE APPROPRIATE LETTERING ON FUSEBLOCK.
SEE DETAIL 3.



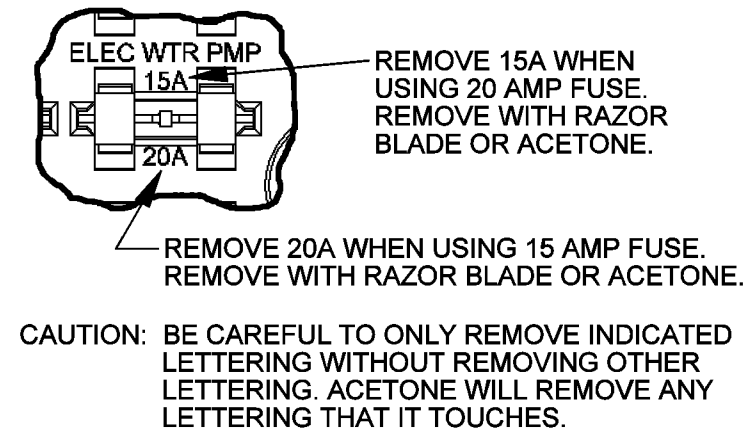
ELECTRIC WATER PUMPS THAT DRAW 13 AMPS OR LESS USE 15 AMP FUSE IN THE "ELEC WTR PMP" CAVITY ON THE FUSE BLOCK. REMOVE "20A" FROM FUSE BLOCK USING ACETONE OR RAZOR BLADE. (SEE DETAIL 4)

ELECTRIC WATER PUMPS THAT DRAW MORE THAN 13 AMPS USE 20 AMP FUSE IN THE "ELEC WTR PMP" CAVITY ON THE FUSE BLOCK. REMOVE "15A" FROM FUSE BLOCK USING ACETONE OR RAZOR BLADE. (SEE DETAIL 4)

SCHEMATIC DIAGRAM 5

TYPICAL EXAMPLE OF ELECTRIC WATER PUMP WIRING
RELAY ACTIVE WITH KEY IN RUN POSITION.

DO NOT REMOVE ANY LETTERING UNTIL
SYSTEM HAS BEEN FULLY TESTED



DETAIL 4 ELECTRIC WATER PUMP FUSE CAVITY

WIRING INSTRUCTIONS FOR INSTALLING ELECTRIC WATER PUMP WITH RELAY

STEP 1:
INSTALL ELECTRIC WATER PUMP WIRING ACCORDING TO
SCHEMATIC DIAGRAM 5.

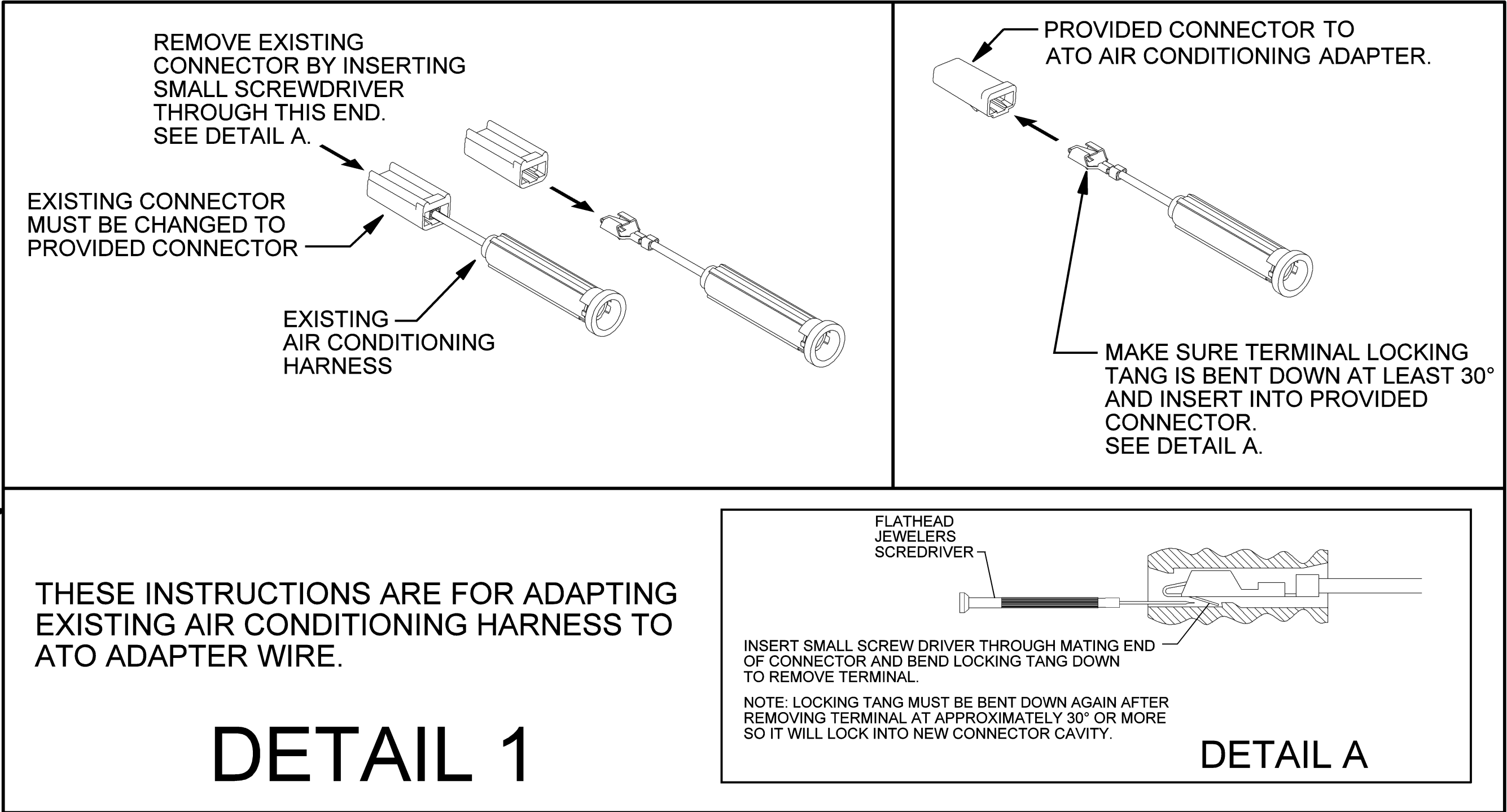
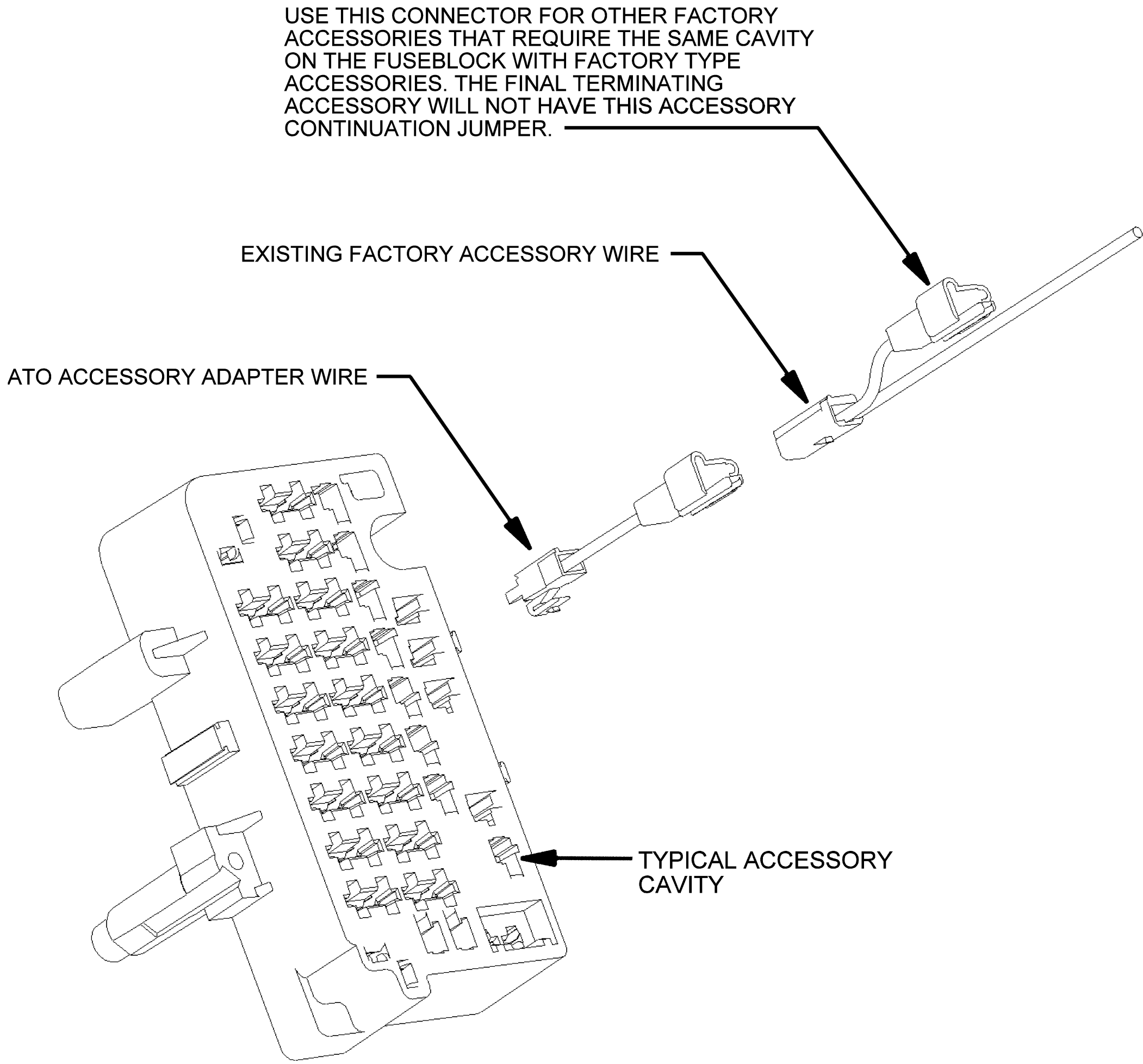
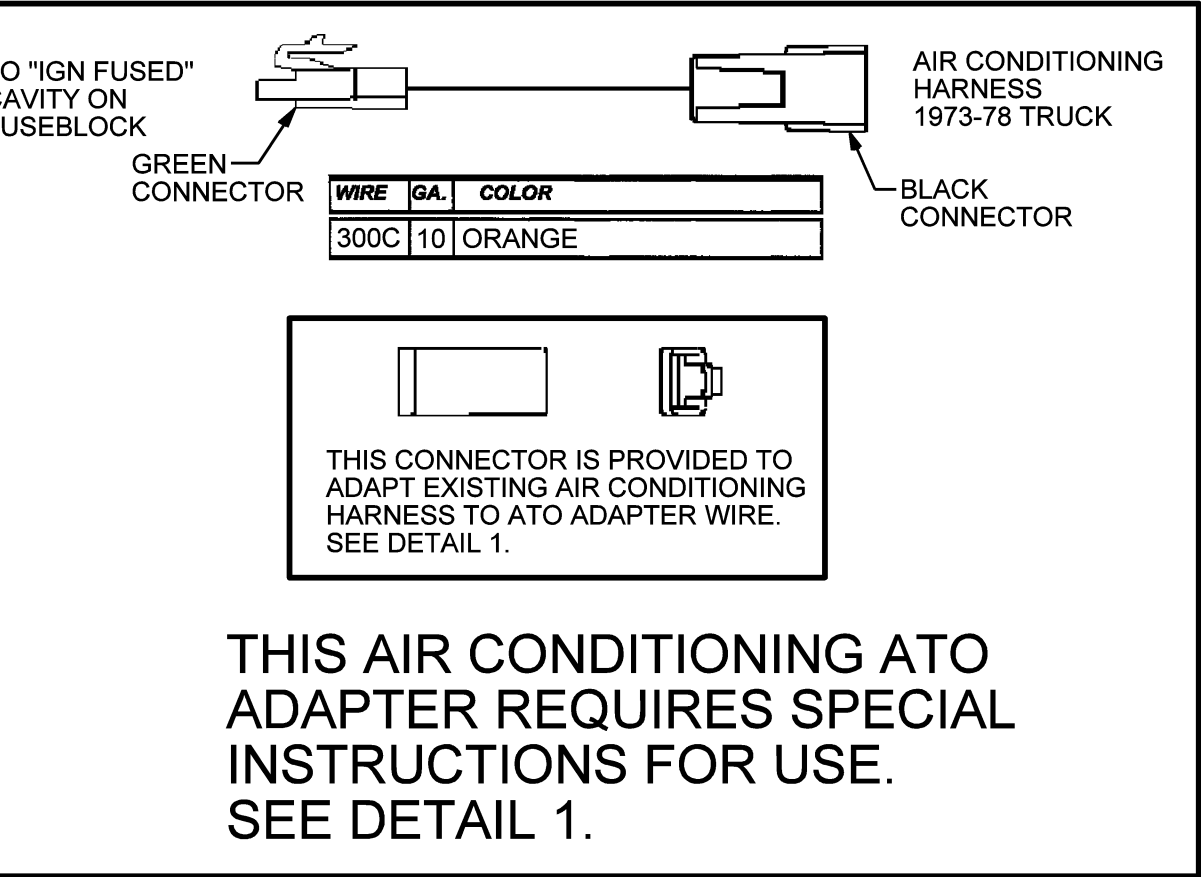
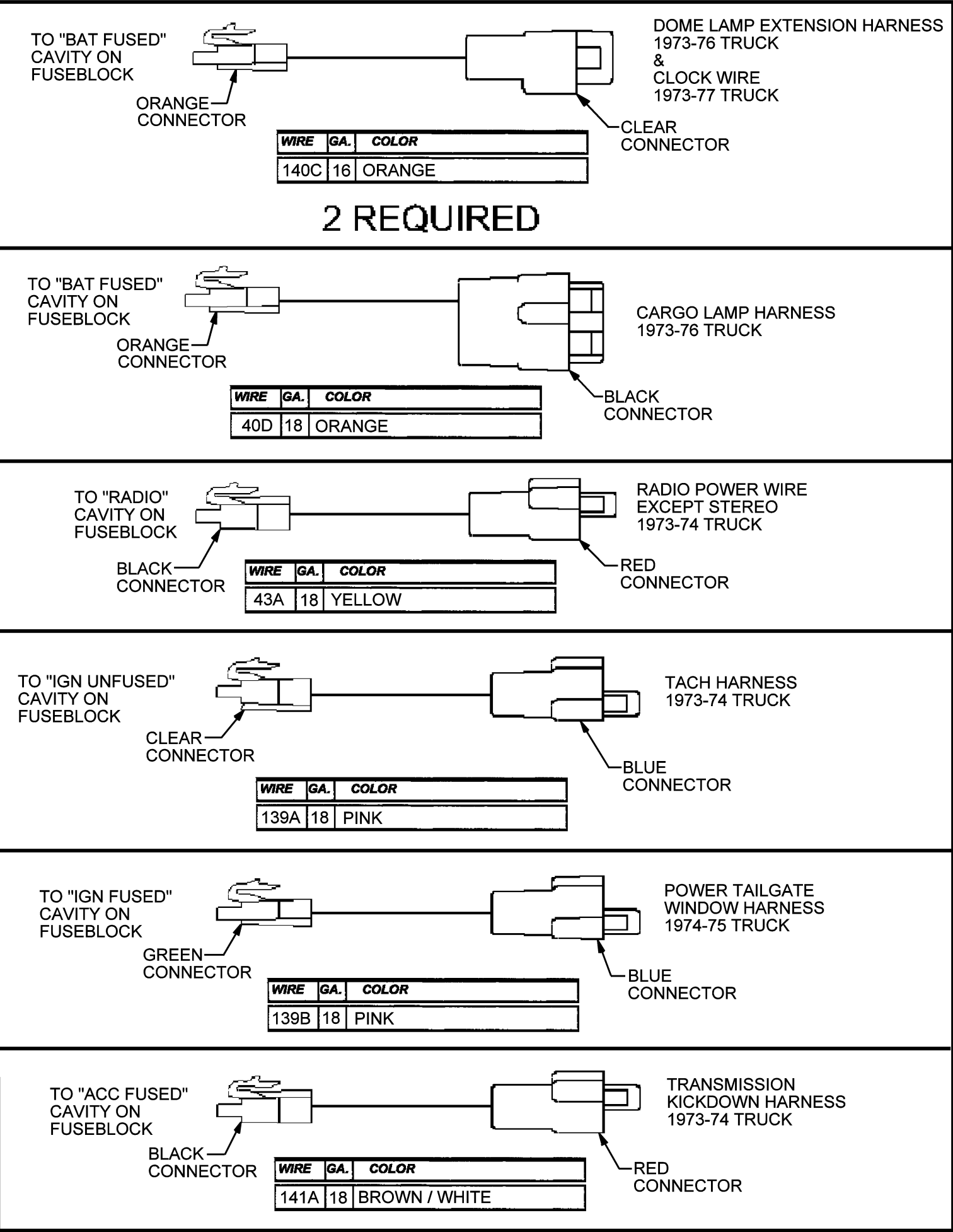
STEP 2:
DTERMINE THE AMPERAGE RATING OF YOUR ELECTRIC
WATER PUMP AND CHOOSE THE APPROPRIATE FUSE FOR
THE "ELEC WTR PMP" CAVITY ON THE FUSEBLOCK.
SEE DETAIL 4.

STEP 3:
FULLY TEST THE SYSTEM.

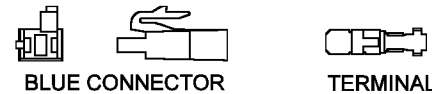
STEP 4:
REMOVE APPROPRIATE LETTERING ON FUSEBLOCK.
SEE DETAIL 4.

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INSTRUCTION SHEET ACCESSORY WIRING SCHEMATIC



THIS LOOSE PIECE CONNECTOR AND TERMINAL IS PROVIDED FOR "PWR ACC 1" OUTPUT CAVITY ON FRONT OF FUSEBLOCK. TERMINAL MUST BE HAND CRIMPED & SOLDERED TO WIRE.

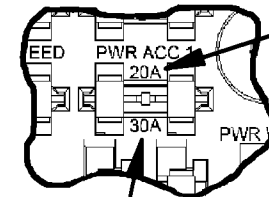


THIS CAVITY IS DEDICATED FOR A SECOND POWER ACCESSORY OPTION WHEN THE CIRCUIT BREAKER CAVITY IS USED OR FOR A SMALLER POWER ACCESSORY OPTION AS THIS CAVITY IS RATED AT EITHER 20 OR 30 AMPS. IT CAN BE USED FOR POWER ACCESSORY OPTIONS SUCH AS POWER SEATS, POWER WINDOWS, POWER LOCKS AND OTHER ACCESSORIES. SEE DETAIL 2.

CAUTION: DO NOT INSERT FUSE IN "PWR ACC 1" CAVITY IF THIS OPTION IS NOT USED.

NOTE: SEE DETAIL 1 IF ONLY A SINGLE POWER ACCESSORY OPTION WILL BE USED OR FOR LARGER AMPERAGE REQUIREMENTS FROM 30 TO 40 AMPS.

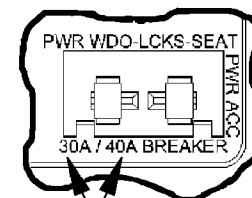
DO NOT REMOVE ANY LETTERING UNTIL SYSTEM HAS BEEN FULLY TESTED



CAUTION: BE CAREFUL TO ONLY REMOVE INDICATED LETTERING WITHOUT REMOVING OTHER LETTERING. ACETONE WILL REMOVE ANY LETTERING THAT IT TOUCHES.

DETAIL 2 POWER ACCESSORY FUSE CAVITY

DO NOT REMOVE ANY LETTERING UNTIL SYSTEM HAS BEEN FULLY TESTED



CAUTION: BE CAREFUL TO ONLY REMOVE INDICATED LETTERING WITHOUT REMOVING OTHER LETTERING. ACETONE WILL REMOVE ANY LETTERING THAT IT TOUCHES.

DETAIL 1 POWER ACCESSORY CIRCUIT BREAKER CAVITY

THIS IS A DEDICATED CAVITY FOR A SINGLE ELECTRIC RADIATOR FAN OR OTHER ACCESSORY. SEE PAGES 3 & 4 CIRCUIT 39H.

CAUTION: DO NOT INSERT FUSE IN CAVITY IF THIS OPTION IS NOT USED.

THIS IS A DEDICATED CAVITY FOR A SECOND RADIATOR FAN OR OTHER ACCESSORY. SEE PAGES 3 & 4 CIRCUIT 39J.

CAUTION: DO NOT INSERT FUSE IN CAVITY IF THIS OPTION IS NOT USED.

THIS IS A DEDICATED CAVITY FOR AN ELECTRIC FUEL PUMP OR OTHER ACCESSORY. SEE PAGES 3 & 5 CIRCUIT 39G.

CAUTION: DO NOT INSERT FUSE IN CAVITY IF THIS OPTION IS NOT USED.

THIS IS A DEDICATED CAVITY FOR AN ELECTRIC WATER PUMP DRIVE OR OTHER ACCESSORY. SEE PAGES 3 & 5 CIRCUIT 39F.

CAUTION: DO NOT INSERT FUSE IN CAVITY IF THIS OPTION IS NOT USED.

14 ACCESSORY CAVITIES TO ACCOMMODATE EXISTING ACCESSORIES AS WELL AS NEW ACCESSORY OPTIONS SEE PAGE 6.

THIS IS A DEDICATED CAVITY FOR A SINGLE POWER ACCESSORY OPTION SUCH AS POWER WINDOWS, POWER SEATS OR OTHER ACCESSORIES. THIS CAVITY IS DESIGNED FOR A CIRCUIT BREAKER BUT A FUSE MAY BE USED. ALWAYS ORGANIZE THE LARGEST AMPERAGE DRAW POWER ACCESSORY OPTION ON THIS CAVITY. SEE DETAIL 1.

CAUTION: DO NOT INSERT CIRCUIT BREAKER OR FUSE IF THIS OPTION IS NOT USED.

NOTE: IF A SECOND POWER ACCESSORY OPTION IS USED THEN USE THE "PWR ACC 1" CAVITY.

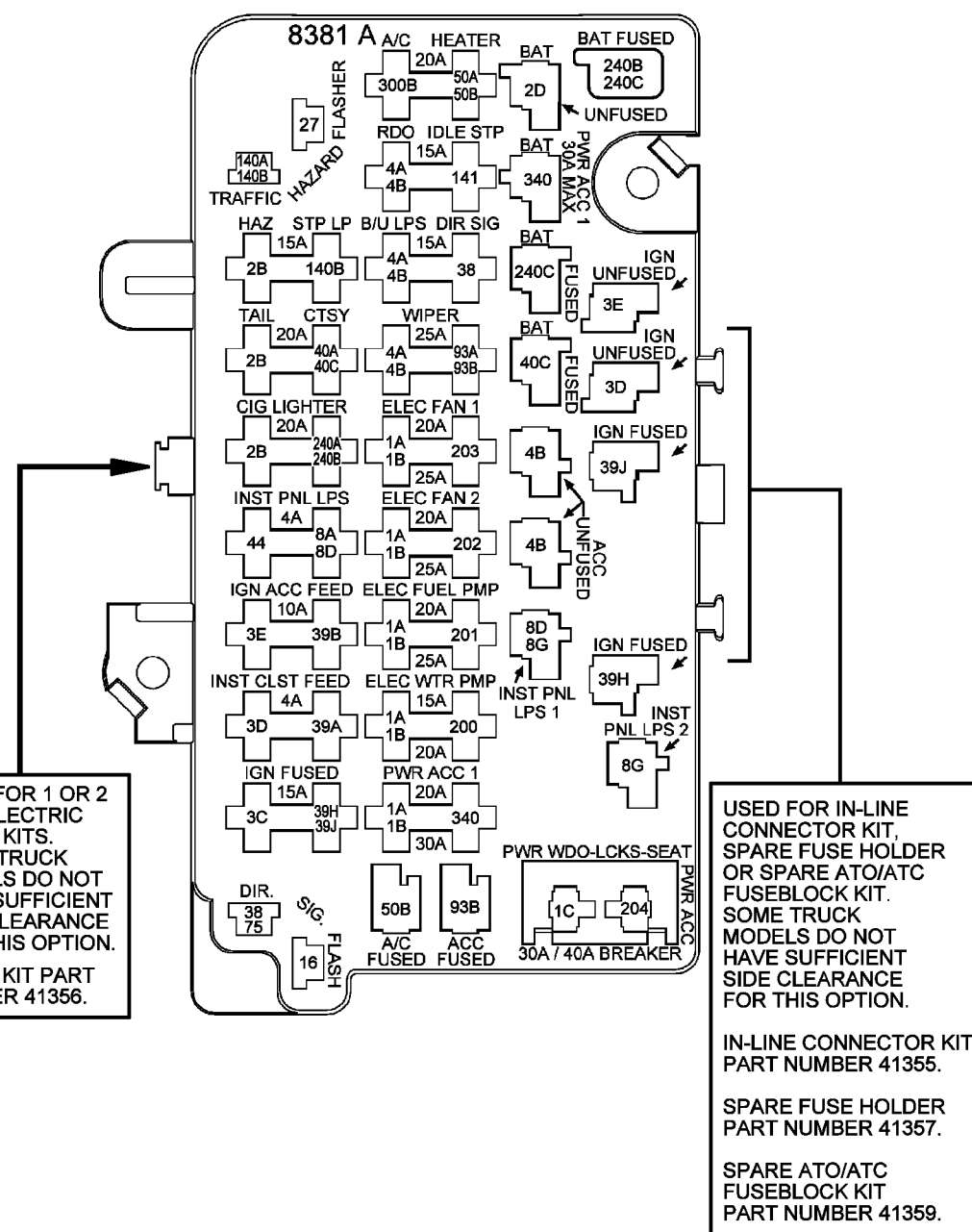
M&H Electric Fabricators, Inc.
AUTOMOTIVE WIRING SYSTEMS
13537 Alondra Blvd. Santa Fe Springs, CA 90670
Phone (562) 926-9552 Fax (562) 926-9572

INSTRUCTION SHEET
ATO FUSEBLOCK CAVITY LAYOUT

GENERAL NOTES & GUIDELINES

FUSEBLOCK CIRCUIT LAYOUT

USED FOR DIAGNOSTIC PURPOSES
SEE PAGE 1



1. POWER WINDOWS, LOCKS & SEAT CAVITIES AS WELL AS THE PWR ACC 1 CAVITY ARE DESIGNED FOR LARGER POWER ACCESSORIES. YOU CAN USE THESE CAVITIES AS WELL AS ALL THE EXTRA CAVITIES FOR FANS, FUEL PUMPS AND ELECTRIC WATER PUMPS FOR ANY ACCESSORY YOU PREFER. WE HAVE INSTALLED THE MOST PREDOMINATE ONES HERE.
2. IN EVERY CASE A CIRCUIT BREAKER OF THE ATO/ATC TYPE CAN BE USED IN PLACE OF THE PLASTIC FUSES. THEY ARE COMMONLY AVAILABE IN THE AFTERMARKET OR YOUR LOCAL AUTO PARTS STORE.
3. THE FOLLOWING ACCESSORY KITS ARE AVAILABLE FOR YOUR CLASSIC AUTO FUSE SERIES DASH HARNESS:
- 40356 - FUSE, FLASHER & CIRCUIT BREAKER KIT.
1967-72 TRUCKS
INCLUDES:
FILL ALL FUSES WITH SPARES, ONE 30 AMP CIRCUIT BREAKER AND ONE 40 AMP CIRCUIT BREAKER. SEE PAGE 9.
- 41356 - RELAY & CONNECTOR KIT
ALL MODELS
30 AMP RELAY, CONNECTOR & TERMINAL KITS ALLOW YOU TO CLEANLY ROUTE WIRES AND TERMINATE AT RELAY CONNECTORS. NO SPLICING OF PIGTAILS. THESE CAN ALSO BE CONNECTED TO THE RIBS ON THE SIDE OF THE FUSEBLOCK IF SUFFICIENT CLEARANCE IS AVAILABLE, ONLY CERTAIN YEARS HAVE ENOUGH SPACE ON SIDE OF FUSEBLOCK. SEE PAGE 9.
- 41358 - FRONT OF FUSEBLOCK ACCESSORY CONNECTOR & TERMINALS KIT.
1967-78 TRUCKS
INCLUDES ALL CONNECTORS NECESSARY TO FILL ALL CAVITIES IN FRONT OF FUSEBLOCK & CORRECT TERMINALS WITH SPARES. NO WIRE IS PROVIDED IN THIS KIT. TERMINALS MUST BE HAND CRIMPED AND SOLDERED TO WIRE.
SEE PAGE 9.
- 41355 - 11-WAY CONNECTOR KIT FOR ATO/ATC SERIES FUSEBLOCK.
ALL MODELS.
FOR MOUNTED INLINE CAPABILITY. THIS MAY NOT FIT CERTAIN YEARS BECAUSE OF SIDE CLEARANCES ON FUSEBLOCKS.
SEE PAGE 9.
- 41357 - SPARE FUSE HOLDER FOR ATO/ATC SERIES FUSEBLOCKS.
ALL MODELS.
NOTE: SOME TRUCK MODELS MAY NOT HAVE SUFFICIENT CLEARANCE FOR THIS OPTION TO ATTACH TO FUSEBLOCK.
SEE PAGE 9.
- 41359 - ATO/ATC 6-WAY SPARE ACCESSORY FUSEBLOCK KIT.
NOTE: SOME TRUCK MODELS MAY NOT HAVE SUFFICIENT CLEARANCE FOR THIS OPTION. IT CAN ALSO BE MOUNTED AS A STAND ALONE FUSEBLOCK WITH 6 EXTRA FUSES.
4. SOME INSTALLATION GUIDELINES & CAUTIONS:
- A - USE MINIMUM 4 GAUGE BATTERY CABLES OR LARGER IF YOU INTEND ON USING ANY OF THE POWER ACCESSORIES. THE LARGER THE BETTER.
- B - USE CAUTION WHEN ADDING LARGE AMPLIFIERS BIGGER THAN 100 WATTS OR LIKE/KIND ACCESSORIES AS THESE TYPES OF ACCESSORIES SHOULD BE CONNECTED DIRECTLY TO THE BATTERY NOT TO YOUR NEW DASH HARNESS. CALL OUR TECHNICAL SUPPORT LINE FOR HELP IF NEEDED.
- C - BY FAR THE MOST PREDOMINANT TECH SUPPORT ISSUE IS DEVICES ACTING UP IN THE INSTRUMENT CLUSTER SUCH AS FUEL GAUGES PEGGING TO FULL WHEN TANK IS EMPTY, ETC. THE FIRST RULE WHEN ANY SUCH COMPONENT IN THE INSTRUMENT CLUSTER IS NOT WORKING CORRECTLY IS THAT IT HAS A BAD GROUND. THE 150A CIRCUIT MUST BE WELL GROUNDED VIA THE METAL CLIP ON THE END OF THE WIRE NEAR THE IGNITION SWITCH WIRES. CLEAN SHEET METAL BEFORE PRESSING CLIP ON THE EDGE BY THE RADIO MOUNTING STRUCTURE UNDER DASH OR INSTALL A SEPARATE GROUND WIRE FROM INSTRUMENT CLUSTER TO A GOOD GROUND. ALWAYS REMEMBER THE MORE GOUNDS THE BETTER PERFORMANCE FROM YOUR WIRING SYSTEMS.
- D - ANY QUESTIONS CALL OUR TECH SUPPORT LINE AT (562) 926-9552.

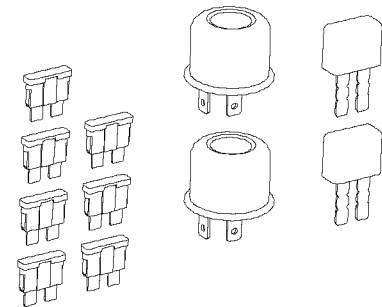
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INSTRUCTION SHEET GENERAL NOTES & GUIDELINES

PAGE 8 OF 9	92974229	SIZE B
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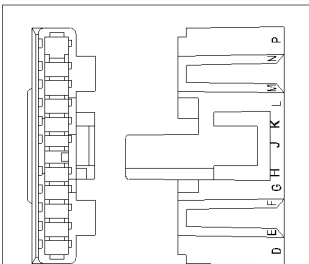
40356
FUSE & FLASHER KIT
1973-74 TRUCKS

- (2) - FLASHER 552
- (4) - ATO 15 AMP FUSE
- (9) - ATO 20 AMP FUSE
- (2) - ATO 4 AMP FUSE
- (2) - ATO 3 AMP FUSE
- (5) - ATO 25 AMP FUSE
- (2) - ATO 30 AMP FUSE
- (4) - ATO 10 AMP FUSE
- (1) - ATO TYPE 30 AMP CIRCUIT BREAKER
- (1) - ATO TYPE 40 AMP CIRCUIT BREAKER



41355
11-WAY CONNECTOR KIT
ALL MODELS

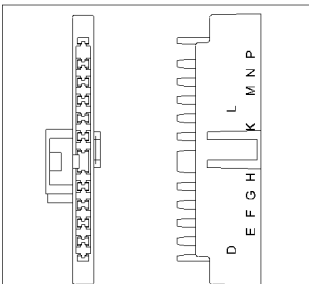
- (1) - 11-WAY FEMALE CONNECTOR
- (1) - 11-WAY MALE CONNECTOR
- (11) - 14/16 GAUGE FEMALE TERMINAL
- (11) - 10/12 GAUGE FEMALE TERMINAL
- (2) - 14/16 GAUGE MALE TERMINAL
- (2) - 10/12 GAUGE MALE TERMINAL



11-WAY FEMALE CONNECTOR



14-16-18 GA FEMALE TERMINAL
12 GA FEMALE TERMINAL

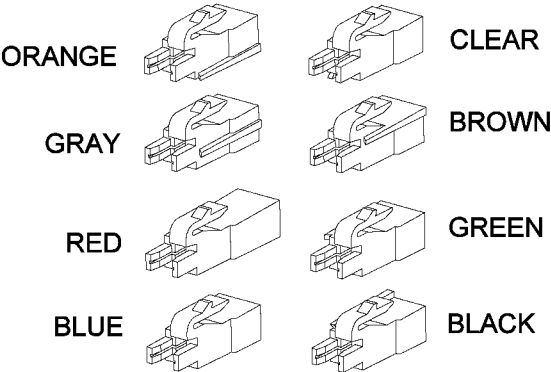


11-WAY MALE CONNECTOR



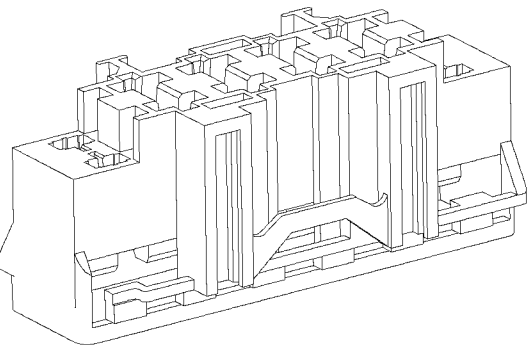
14-16-18 GA MALE TERMINAL
12 GA MALE TERMINAL

41358
FRONT OF FUSEBLOCK
ACCESSORY CONNECTOR
& TERMINALS KIT
1967-78 TRUCKS

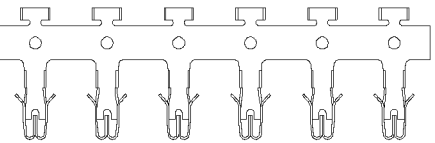


14-16-18 GA MALE TERMINAL
12-10 GA MALE TERMINAL

41359
6-WAY ACCESSORY
FUSEBLOCK KIT

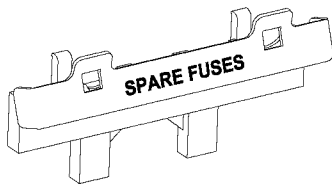


6-WAY ACCESSORY FUSEBLOCK



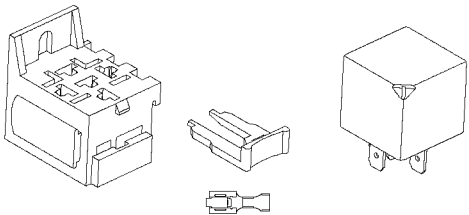
14-16-18 GA TERMINAL BUS BAR
12-10 GA TERMINAL BUS BAR

41357
SPARE FUSE HOLDER
ALL MODELS



41356
RELAY & CONNECTOR KIT
ALL MODELS

- (1) - 12033871 5-WAY RELAY CONNECTOR
- (1) - SECONDARY LOCK FOR RELAY CONNECTOR
- (1) - RELAY
- (3) 14-16-18 GA FEMALE TERMINAL
- (2) 10-12 GA FEMALE TERMINAL



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INSTRUCTION SHEET
AVAILABLE KITS