

# WIRING CIRCUIT DIAGRAMS

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### CIRCUIT DIAGRAMS

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Printed on the reverse side of Figures 11-1, 11-2 and 11-3 are some individual circuit diagrams that may be useful since they do not appear in the color diagrams.

### Wiring Repair

The 1975 "A" cars have an aluminum body wiring harness. Aluminum body wiring harnesses will be phased into B-C-E car production.

The aluminum wiring harness has a brown conduit covering and the copper wiring harness has a black conduit covering.

Two aluminum wiring repair kits have been released for use in the event they are needed and are available through the parts department. One kit has only splice clips and petrolatum and the other has splice clips, 10 pieces of 14 gauge dark green wire with a terminal attached, 10 pieces of 16 gauge brown wire with a terminal attached and a supply of petrolatum.

Following are the instructions for the use of these materials, for proper aluminum wire splices, and copper aluminum splices.

1. Cut cable length to use the 6" pigtail provided, using similar wire gauges.

2. Use proper Ga cable strippers to strip approximately .25 inches of insulation from end of cable to be repaired. **CAUTION:** When stripping outer jacket from aluminum cable, do not nick or damage core. Damaged core will weaken the assembly at this point.

3. Place one end of cable in either end of splice clip. Using 10" channel locks, crimp the clip firmly to the wire. Do not solder the splice.

4. Repeat B and C for the 6" pigtail with terminal.

5. After splice has been made, apply a generous coating of the petrolatum compound on to splice area.

6. Tape over splice and petrolatum compound.

7. Cover terminal crimp area and aluminum core thoroughly with petrolatum.

8. Plug terminal in proper cavity making sure it is firmly seated.

**CAUTION:** *Do not twist the ends of the aluminum conductor to make a splice. The clip must be used for proper contact.*

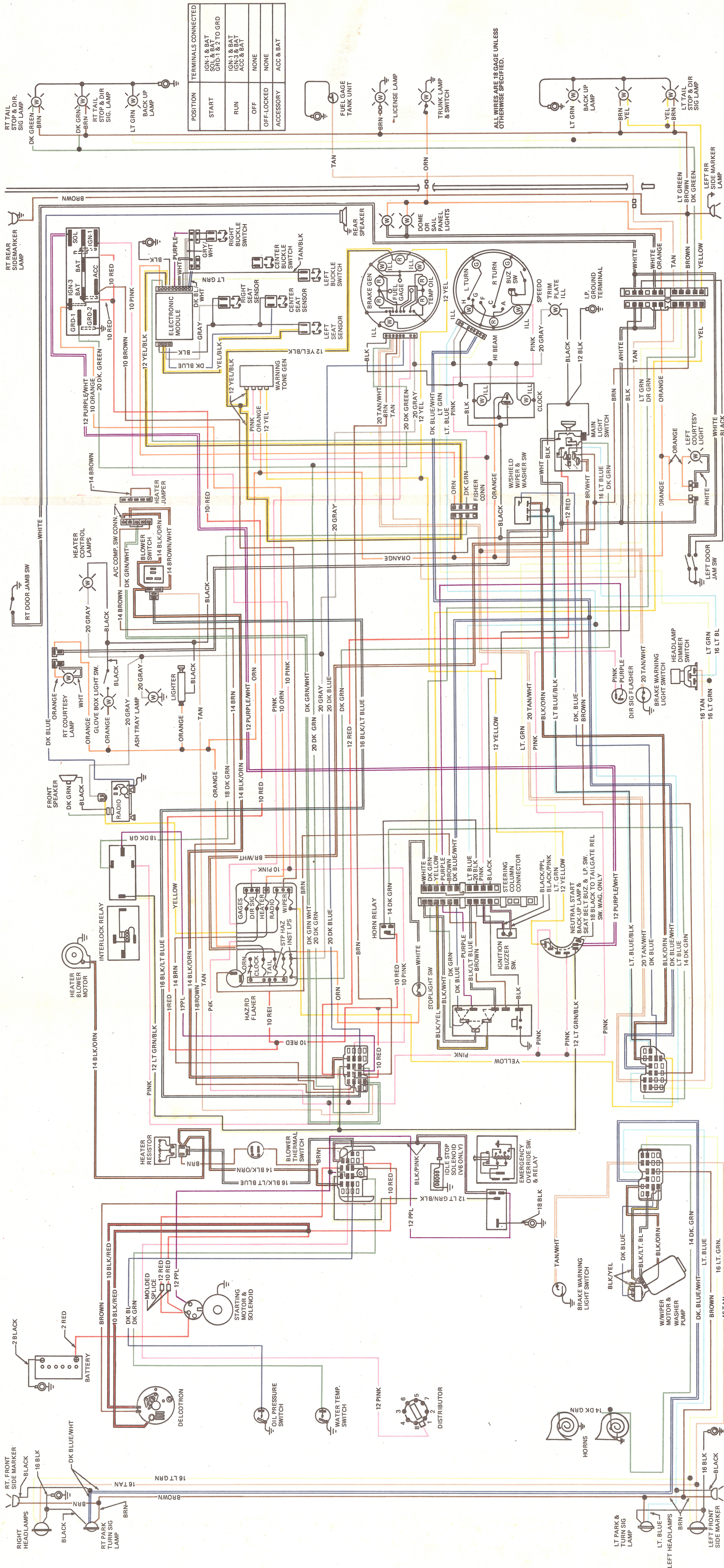
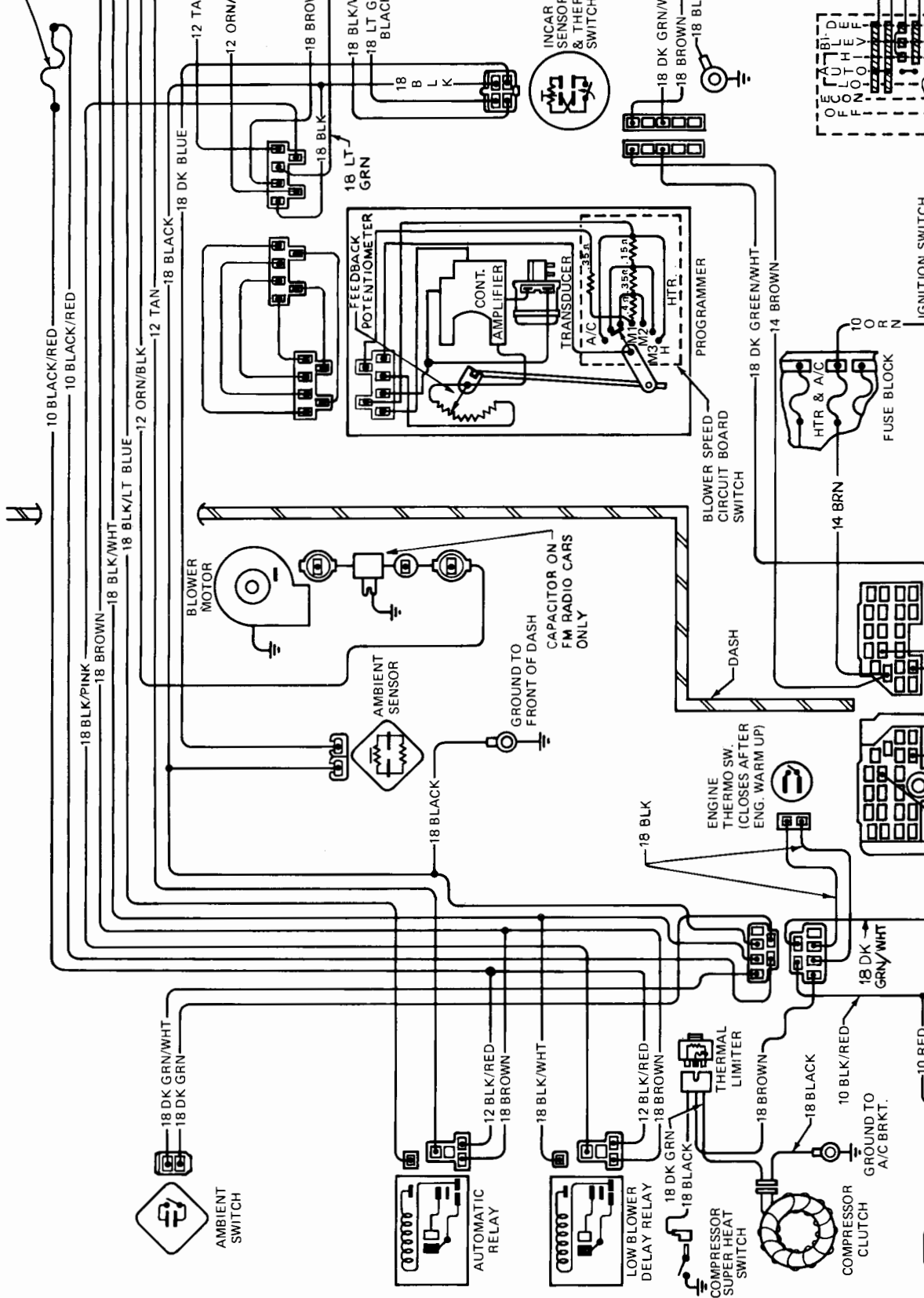


Figure 11-1 A Series Electrical Color Diagram

FUSE (30 AMPERE)

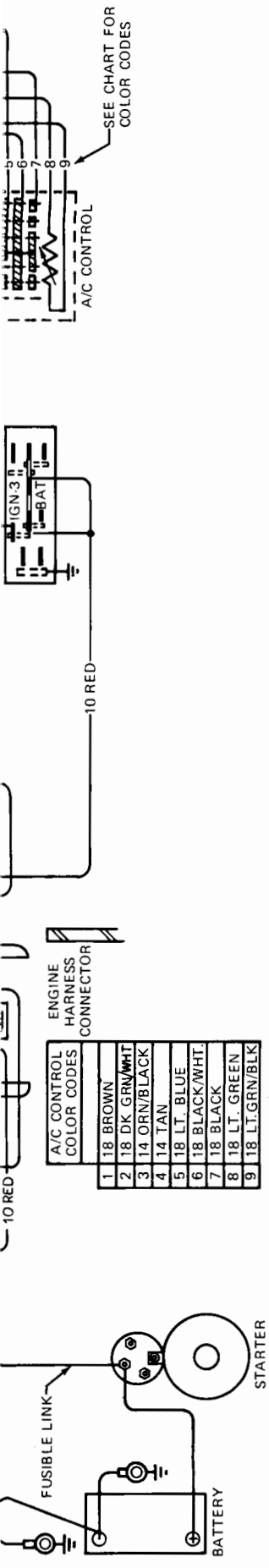


- 1 - 18 BLK/WHT
- 2 - 18 BLK
- 3 - 18 BLK
- 4 - 18 BLK

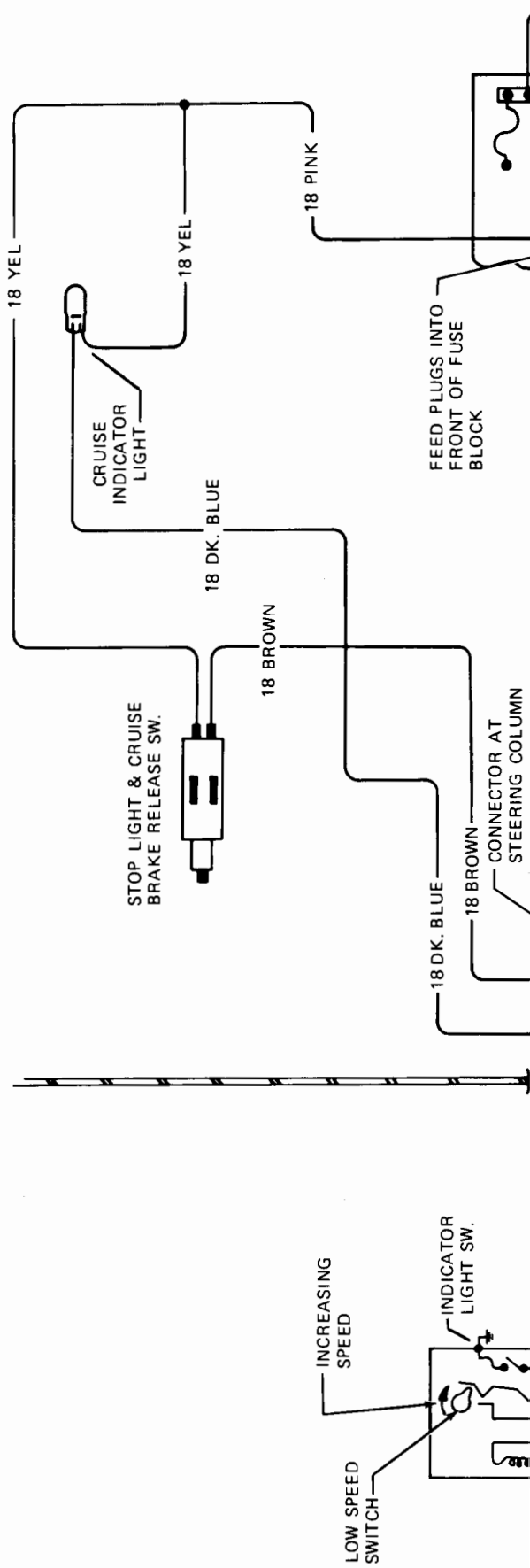
HTR & A/C  
 FUSE BLOCK

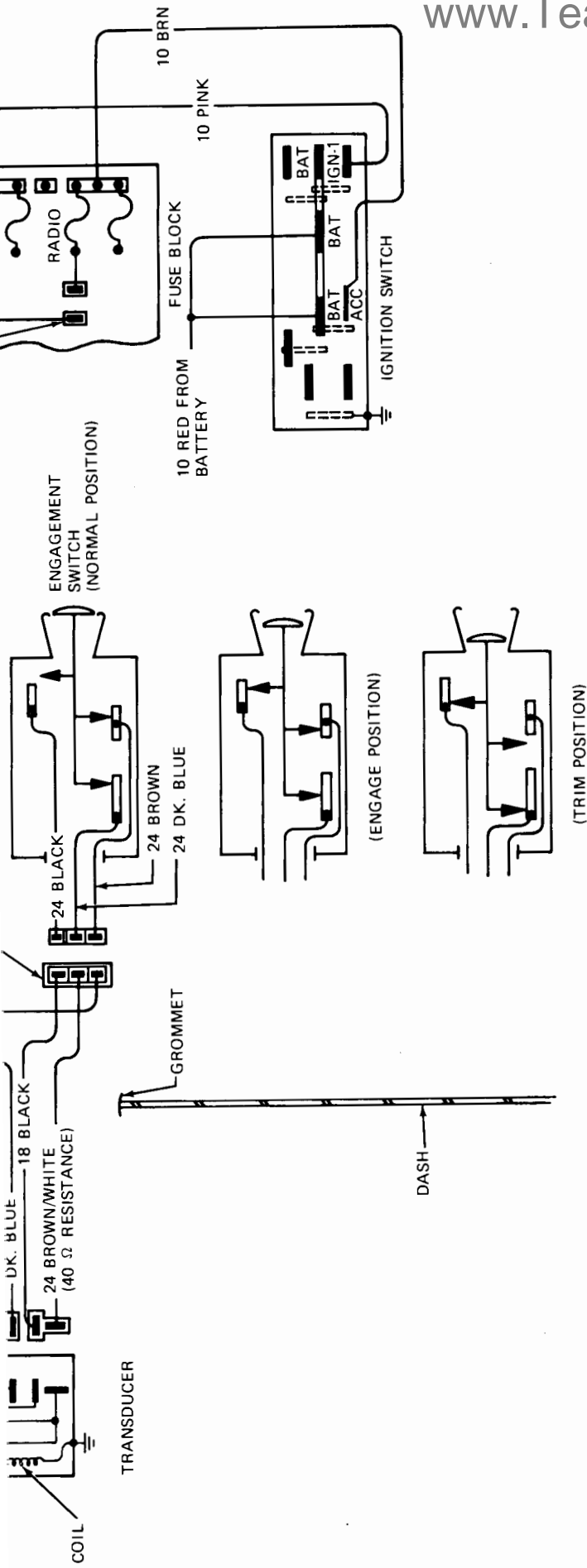
IGNITION SWITCH

GROUND TO A/C BRKT.

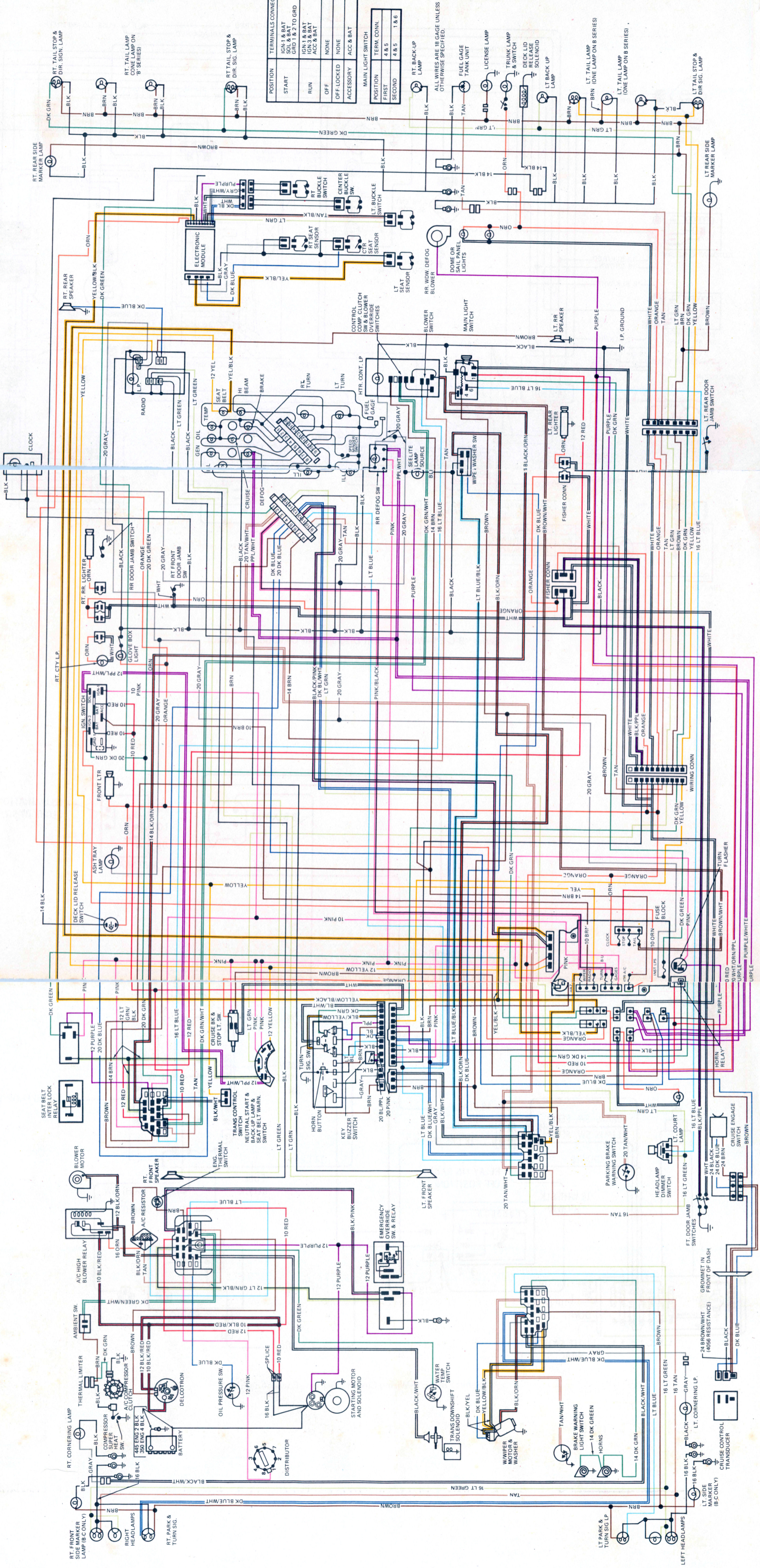


Series "A" - Wiring Circuit Diagram - Air Conditioning (Auto)





Series "A-X"—Wiring Circuit Diagram—Cruise Control

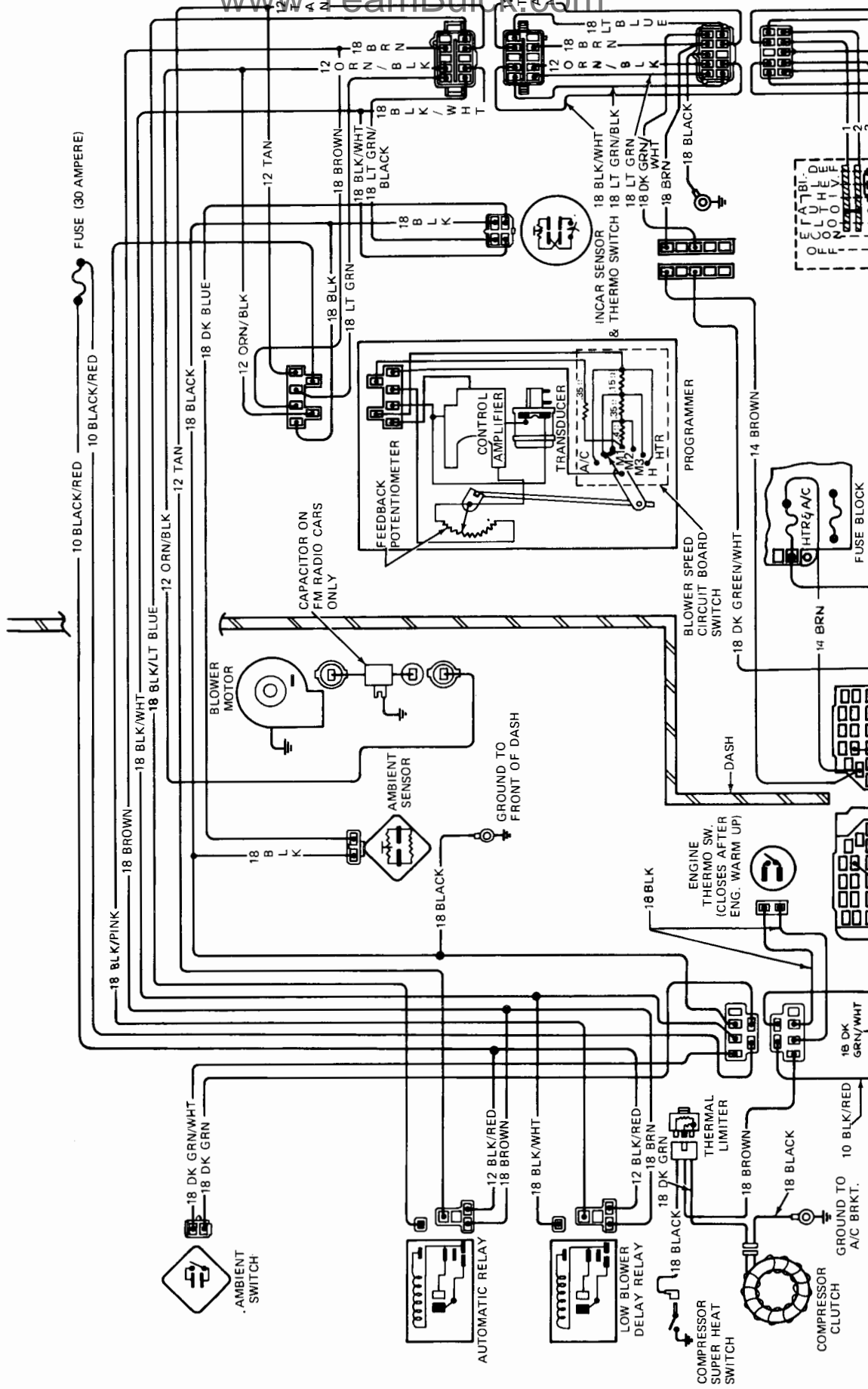


POSITION	TERMINALS CONNECTED
START	IGN 1 & BAT IGN 2 & BAT IGN 3 & BAT ACC & BAT
RUN	IGN 1 & BAT IGN 2 & BAT IGN 3 & BAT ACC & BAT
OFF	NONE
OFF LOCKED	NONE
ACCESSORY	ACC & BAT

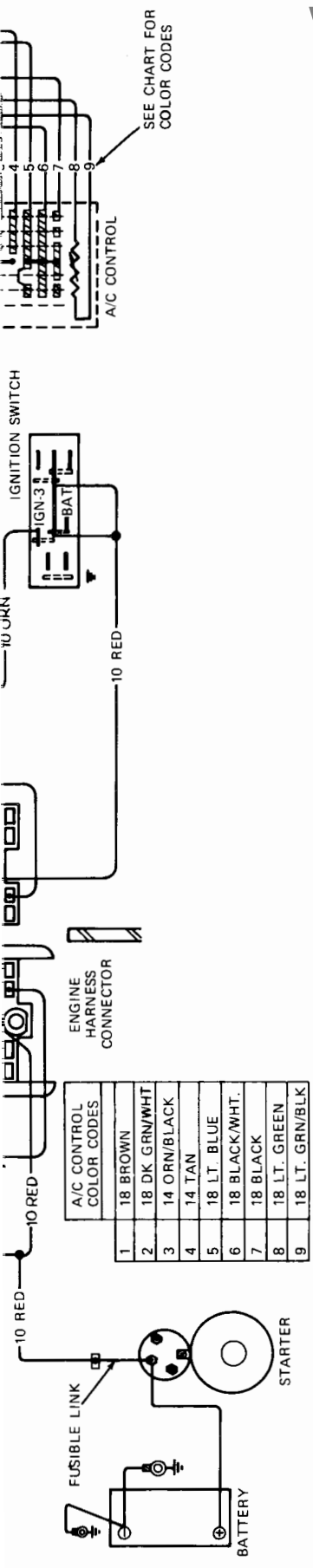
POSITION	TERM. CONN.
FIRST	4 & 5
SECOND	4 & 5 1 & 6

RT. BACK-UP LAMP  
ALL WIRES ARE 18 GAUGE UNLESS OTHERWISE SPECIFIED.

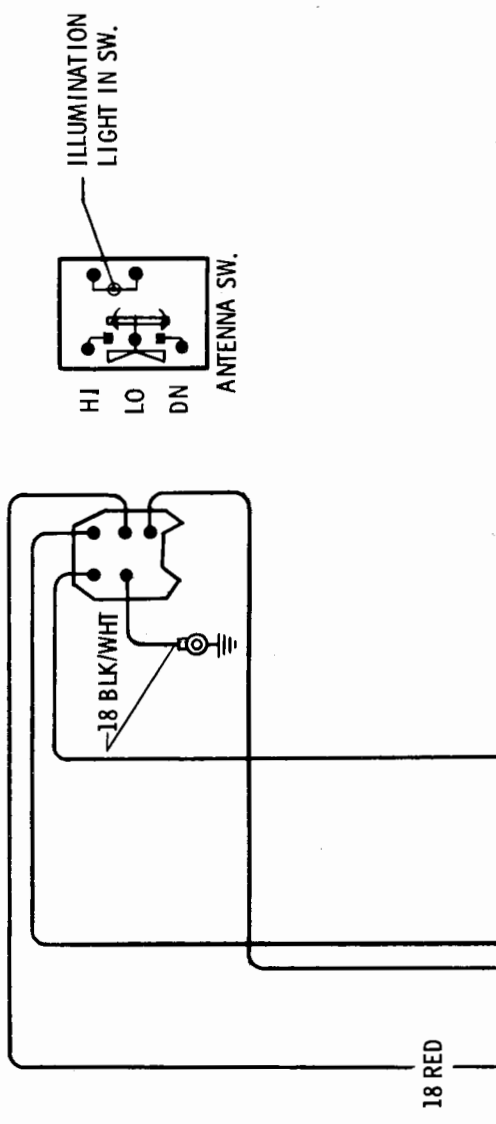
Figure 11-2 B-C-E Series Electrical Color Diagram



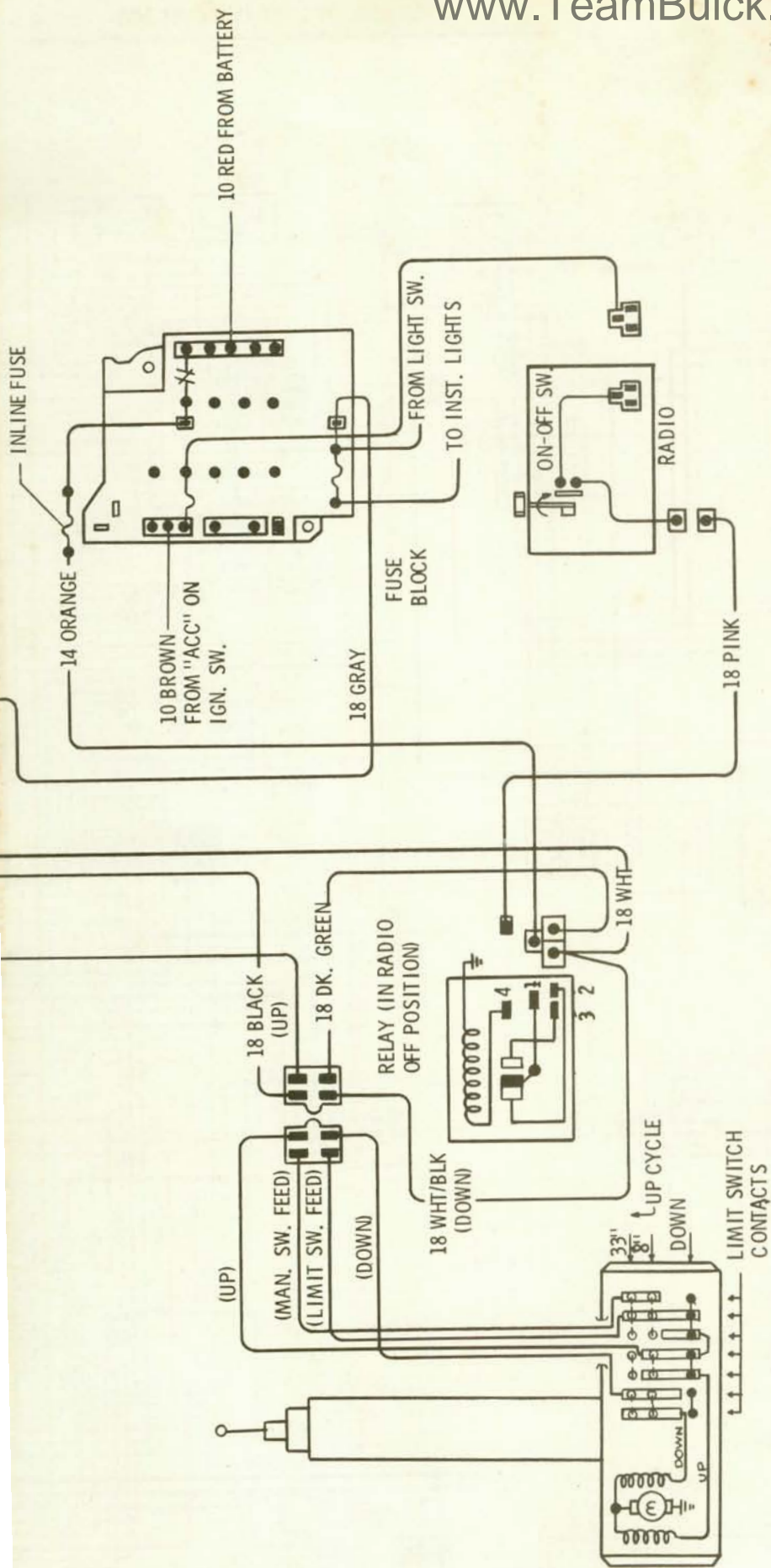
- 1 2 3
- 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



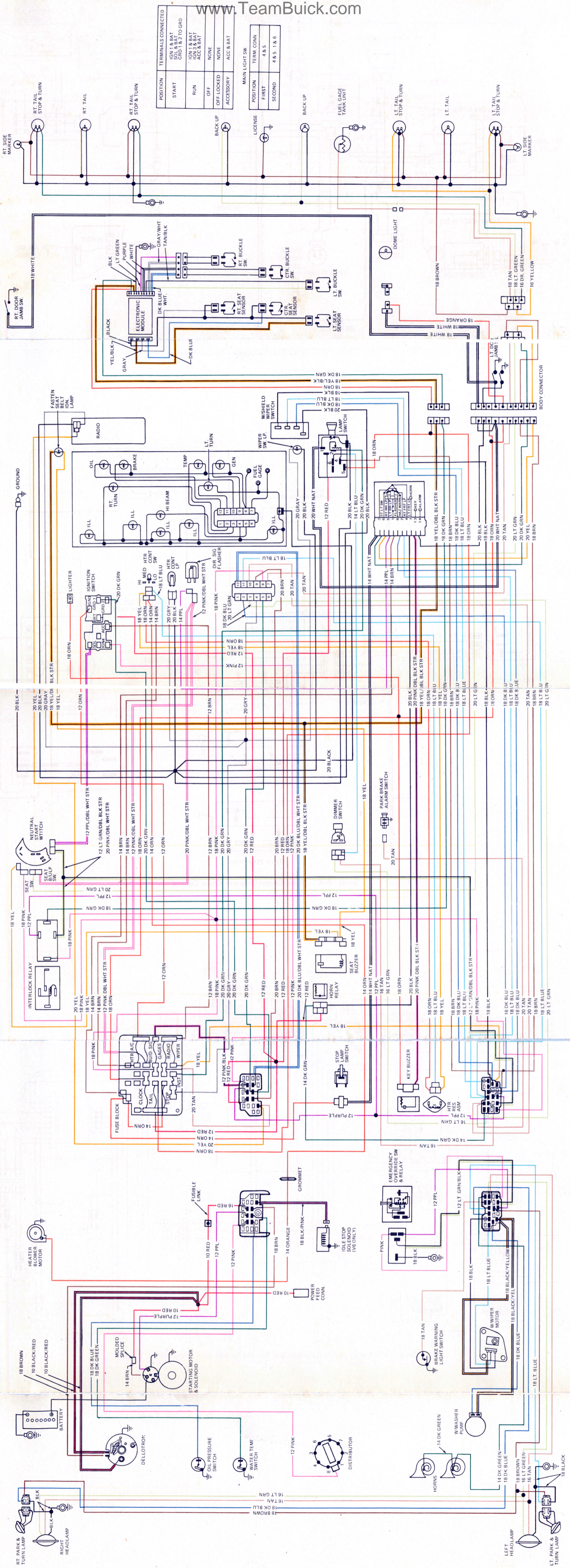
Series "B-C-E"—Wiring Circuit Diagram—Air Conditioning (Auto)







Series "B-C-E"—Wiring Circuit Diagram—Power Antenna

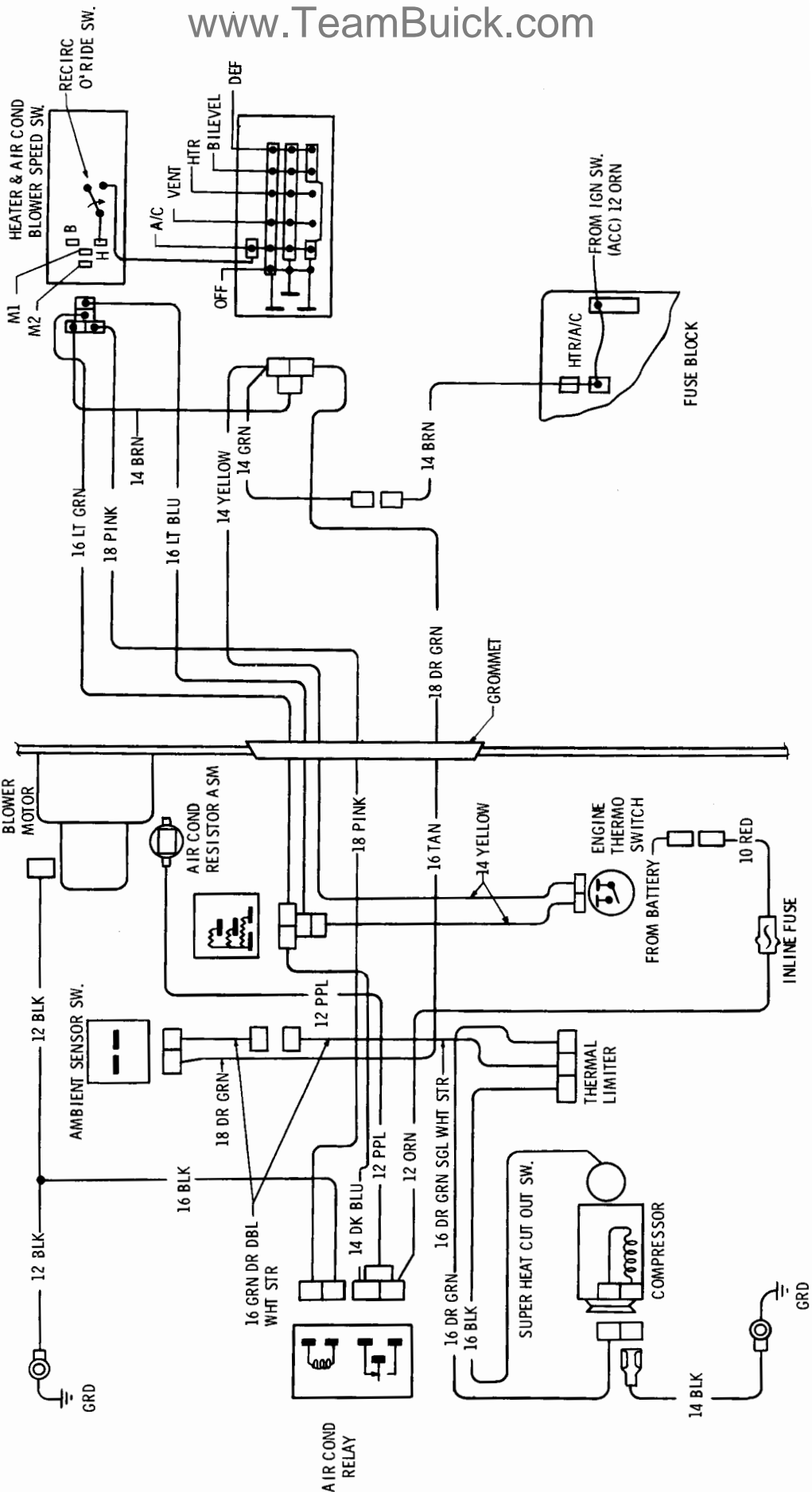


POSITION	TERMINALS CONNECTED
START	IGN 1 & 2 BAT GRD 1 & 2 TO GRD
RUN	IGN 1 & 2 BAT ACC & BAT
OFF	NONE
OFF LOCKED	NONE
ACCESSORY	ACC & BAT

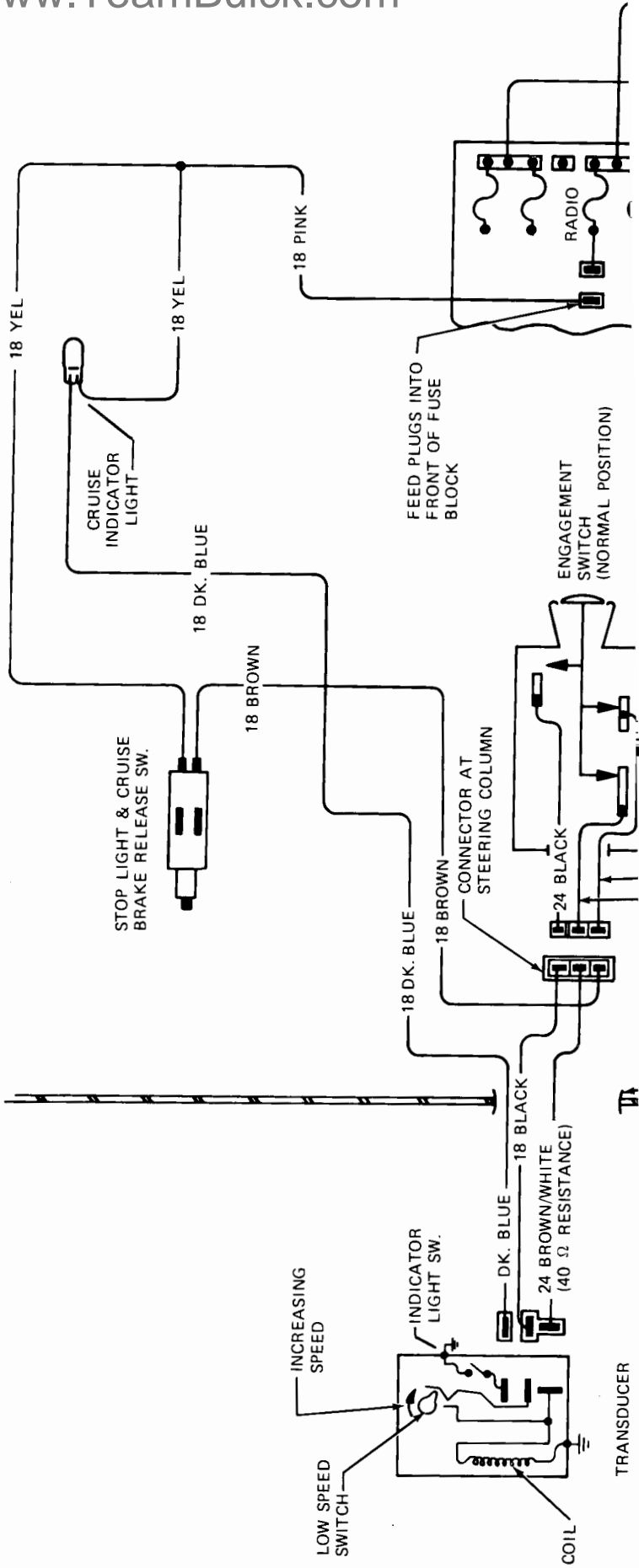
  

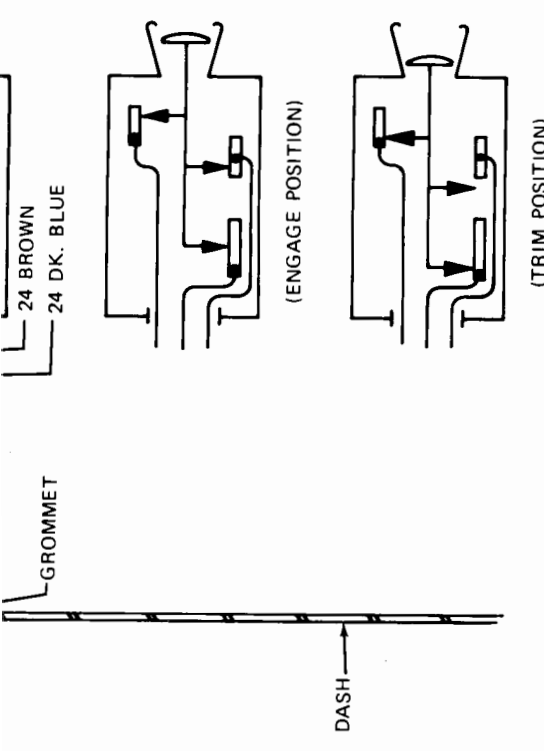
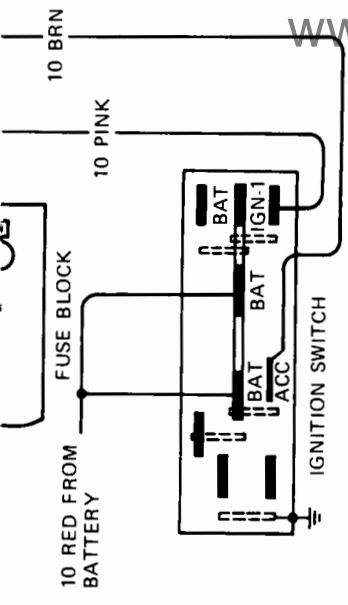
POSITION	TERM. CONN
FIRST	4 & 5
SECOND	4 & 5 1 & 6

Figure 11-3 X Series Electrical Color Diagram

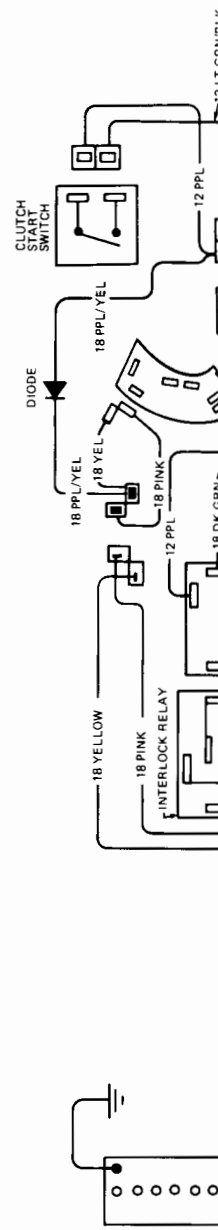


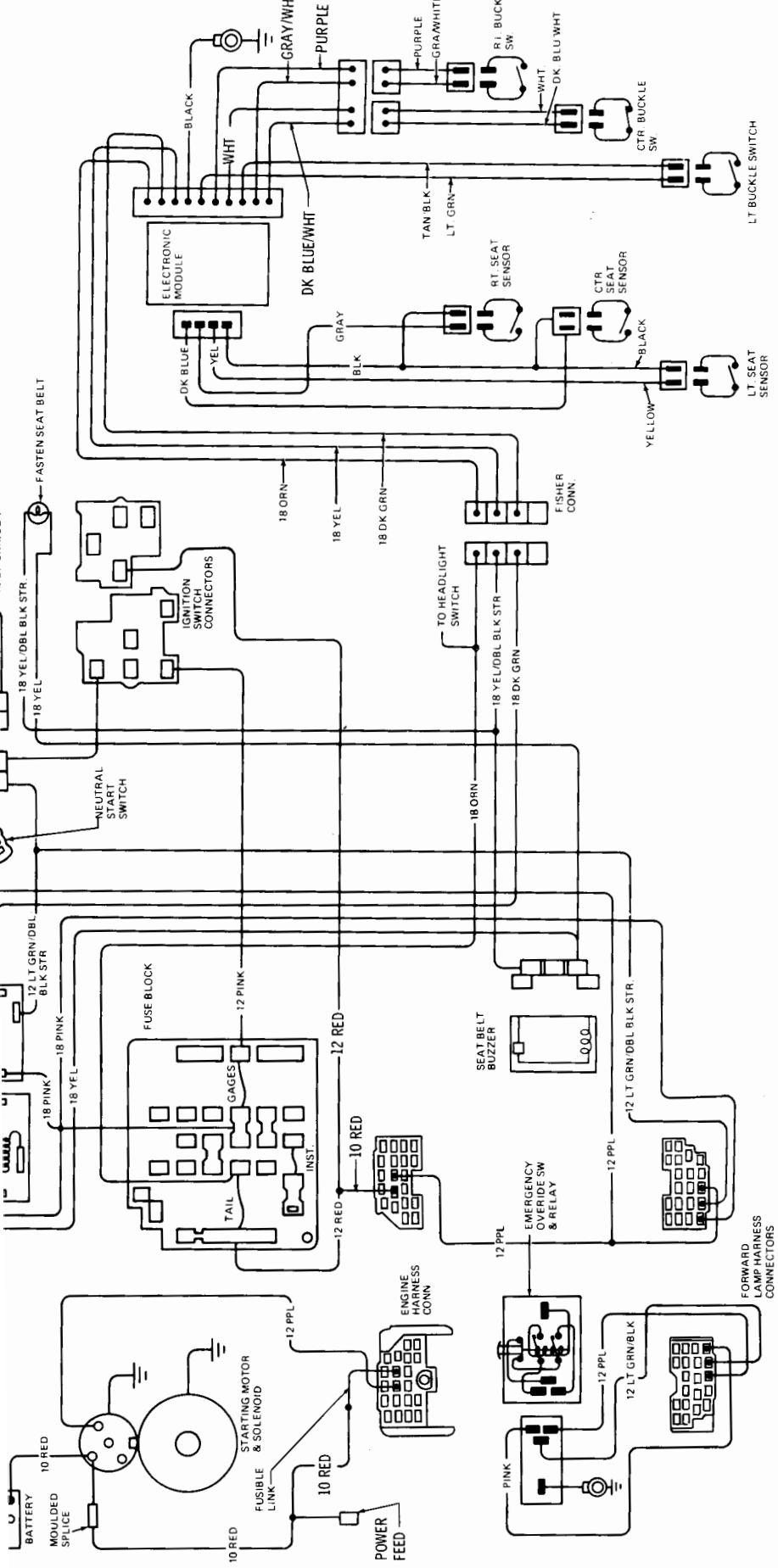
Series "X"—Wiring Circuit Diagram—Air Conditioning





Series "A-X"—Wiring Circuit Diagram—Cruise Control





Series "X"—Wiring Circuit Diagram—Seat Belt Starter Interlock System (Man. Trans)

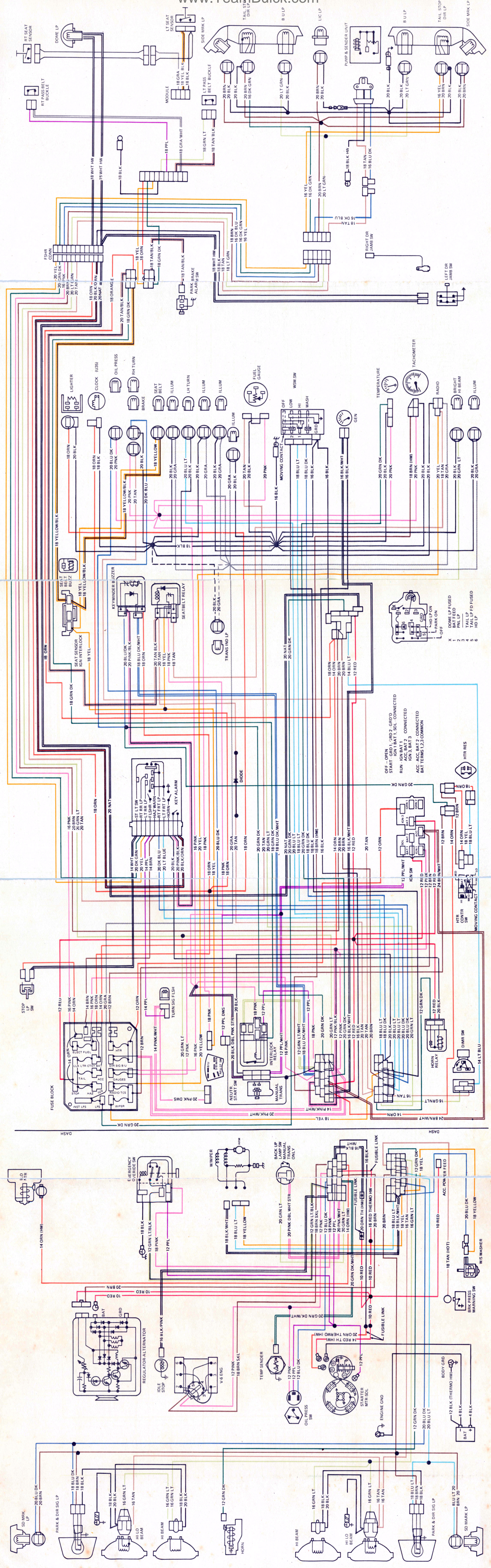


Figure 11-4 - H Series Electrical Color Diagram