

**WIRING DIAGRAMS**  
**Article Text**  
1990 Mazda Miata  
For Yorba Linda Miata  
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Saturday, May 10, 2003 11:19AM

**ARTICLE BEGINNING**

1990 WIRING DIAGRAMS  
Mazda  
  
Miata

**IDENTIFICATION**

**COMPONENT LOCATION MENU**

COMPONENT LOCATIONS TABLE

AA

Component	Figure No. (Location)
A/C RELAY .....	3 (E 11)
A/C THERMO SWITCH .....	3 (E 8)
A/T CONTROL UNIT .....	4 (D-E 16)
AIR BAG CONTROL UNIT .....	4 (B 16)
ALTERNATOR .....	1 (D 3)
BACKUP BATTERY .....	5 (A 16)
BATTERY .....	1 (A 2)
BLOWER MOTOR RELAY .....	3 (D 9)
CIG LIGHTER .....	3 (C 9)
CIRCUIT OPENING RELAY .....	2 (C 4)
CLUTCH SWITCH M/T .....	2 (E 7)
COMBINATION SW .....	4, 5 (D 12 C 16)
COOLING FAN RELAY .....	3 (E 10)
CRUISE CONTROL .....	4 (C-E 15)
DIAG CONNECTOR .....	2 (B 4)
DIR/HAZ SWITCH .....	4 (C 14)
DOOR SWITCH .....	3 (C 10)
ENGINE CONTROL UNIT (ECU) .....	2 (A 4-7)
FOG LIGHT SWITCH .....	4 (C 12)
FUEL TANK UNIT .....	5 (A 18)
FUSE BLOCK .....	3 (B 9-10)
HEADLIGHT RELAY .....	4 (D 14)
HEADLIGHT RETRACTORS .....	1 (B 1, D 1)
HEATER CONTROL UNIT .....	3 (E 8)
HORN RELAY .....	5 (C 17)
IGNITER .....	2 (C 4)
IGNITION COIL .....	2 (D 4)
IGNITION SWITCH .....	3 (A 8)
ILLUM LIGHTS .....	4 (B-C 12-13)
INHIBITOR SWITCH .....	1 (A 3)
INSTRUMENT CLUSTER .....	4 (A 12-15)
JOINT CONNECTOR #2 .....	5 (A-B 17)
MAIN RELAY .....	2 (E 4)
O/D OFF SWITCH .....	2 (E 4)
PANEL LIGHT CONTROL SWITCH .....	4 (B 12)
POWER WINDOW MAIN SWITCH .....	5 (B 18)

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RADIO (PARTIAL)	4 (B 15)
RELAY & MAIN FUSE BLOCK	1 (C 3)
RETRACTOR RELAY	1 (D 2)
RETRACTOR/HAZARD SWITCH	4 (C 14)
SHIFT LOCK ACTUATOR	5 (D-E 18)
STARTER	1 (A 3)
STARTER INTERLOCK SWITCH	1 (A 3)
STOP LT SW	3 (C 11)
TNS RELAY	4 (E 14)
WARNING BUZZER	3 (D 11)
WIPER MOTOR	1 (E 3)
WASHER MOTOR	1 (E 3)
AA	

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#### COMPONENT LOCATOR:

A/C RELAY	E 11
A/C THERMO SW	E 9
A/T CONTROL UNIT	D-E 16
AIR BAG CONTROL UNIT	B 16
ALTERNATOR	D 3
BACKUP BATTERY	A 16
BATTERY	A 2
BLOWER MOTOR RELAY	D 9
CIG LTR	C 9
CIRCUIT OPENING RELAY	C 4
CLUTCH SW (M/T)	E 7
COMBINATION SW	D 12/16
COOLING FAN RELAY	E 10
CRUISE CONTROL	C-E 15
DIAG CONN	B 4
DIR/HAZ FLASHER	C 14
DOOR SWS	D 10
ENGINE CONTROL UNIT (ECU)	A 4-7
FOG LT SW	C 12
FUEL TANK UNIT	A 18
FUSE BLOCK	B 9-10
HEADLT RELAY	D 14
HEADLT RETRACTORS	B 1, D 1
HEATER CONTROL UNIT	E 8
HORN RELAY	C 17
IGNITER	C 4
IGNITION COIL	D 4
IGNITION SW	A 8
ILLUM LVS	B-C 12-13
INHIBITOR SW	A 3
INST CLSTR	A 12-15
INTERIOR LVS	C 11
JOINT CONN #2	A-B 17
MAIN RELAY	E 4
O/D OFF SW	D 17
PANEL LVS CONTROL SW	B 12
POWER WINDOW MAIN SW	B 18
RAD/O (PARTIAL)	B 15
RELAY & MAIN FUSE BLOCK	C 3
RETRACTOR RELAY	D 2
RETRACTOR/HAZARD SW	C 14
SHIFT LOCK ACTUATOR	D-E 18
STARTER	A 3
STARTER INTERLOCK SW	A 3
STOP LT SW	C 1
TNS RELAY	E 14
W/SHIELD WIPER MOTOR	D 11
WASHER MOTOR	E 3

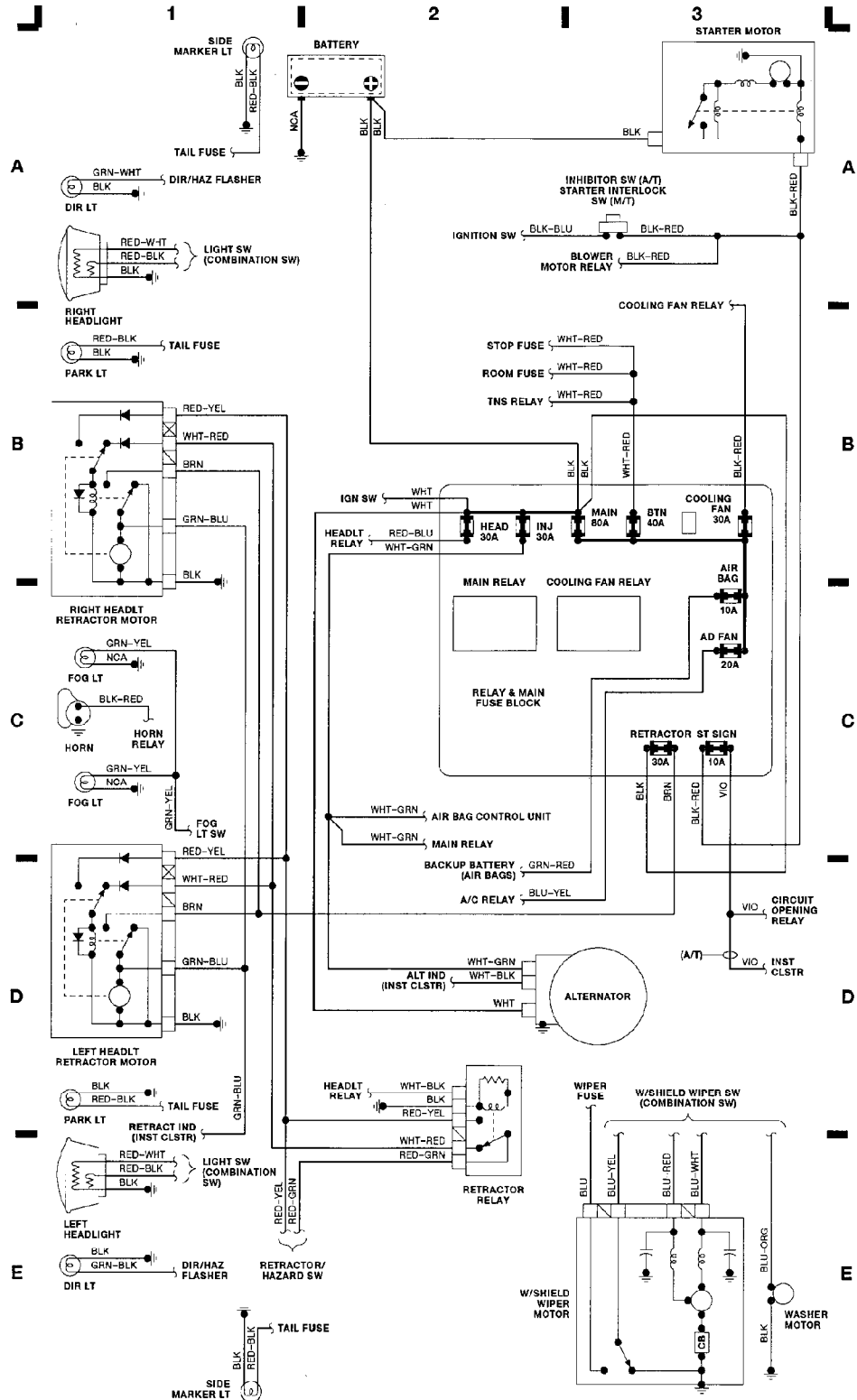


Fig. 1: Engine Compartment, Headlights (Grid 1-3)

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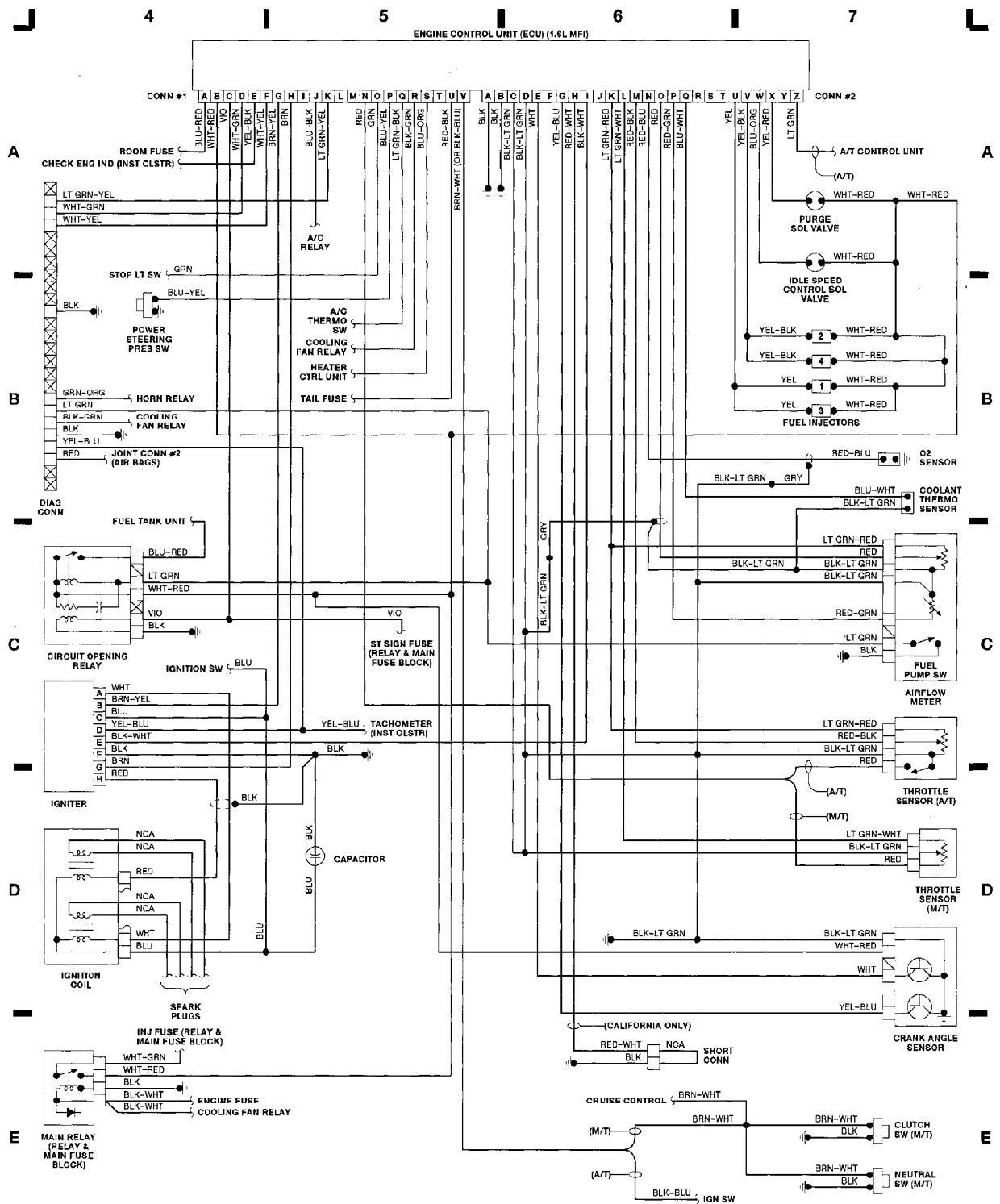


Fig. 2: Computer Engine Control (Grid 4-7)

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Fig. 3: Fuse Block, Heater (Grid 8-11)

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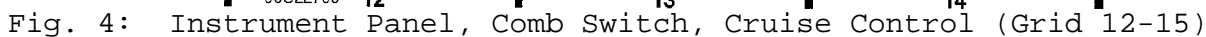


Fig. 4: Instrument Panel, Comb Switch, Cruise Control (Grid 12-15)

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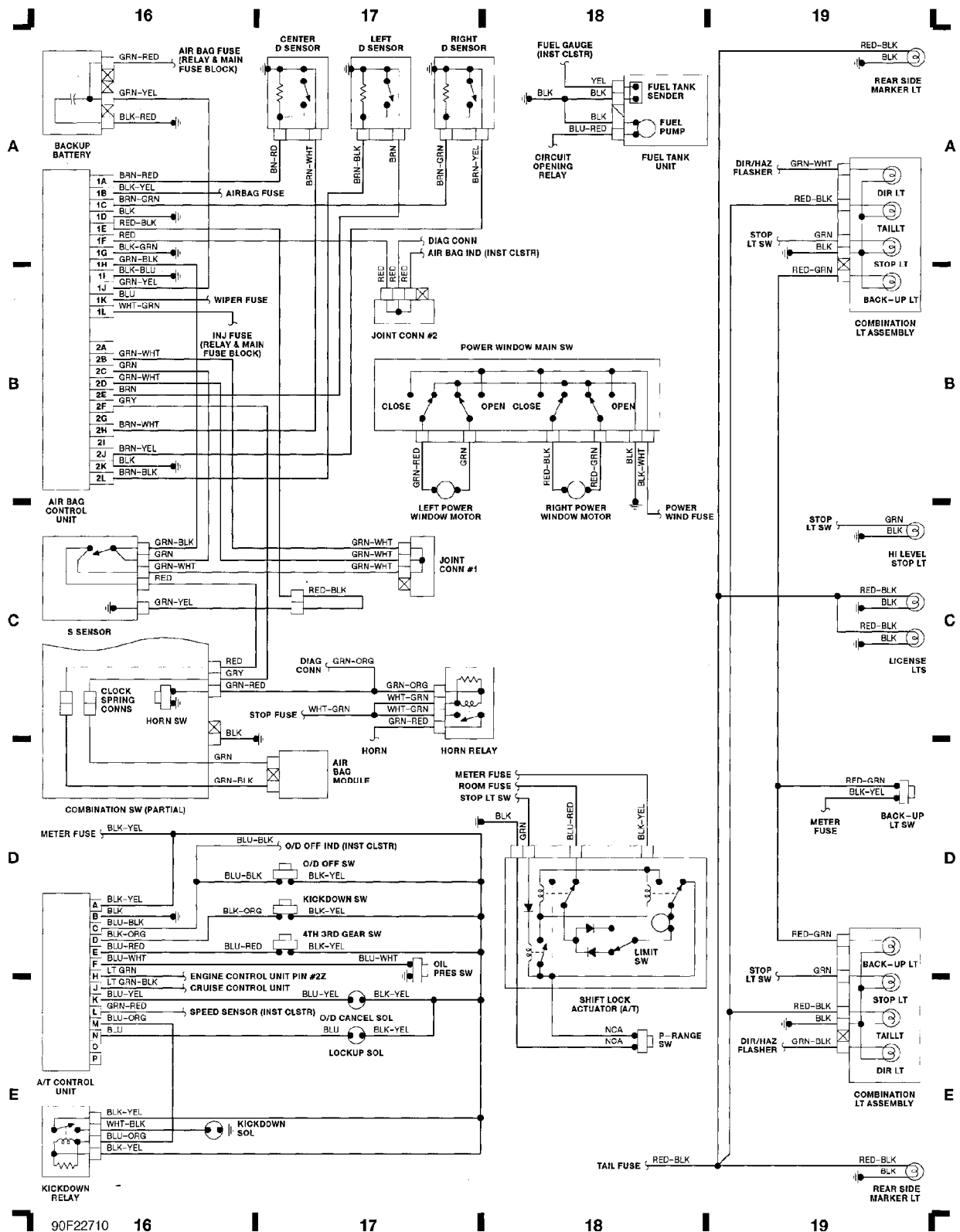


Fig. 5: Airbag, Power Window, Taillights (Grid 16-19)

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