

BODY ELECTRICAL



PRACTICE ELECTRICAL WIRING DIAGRAMS

<http://www.autoshop101.com>

Compiled by Kevin R. Sullivan

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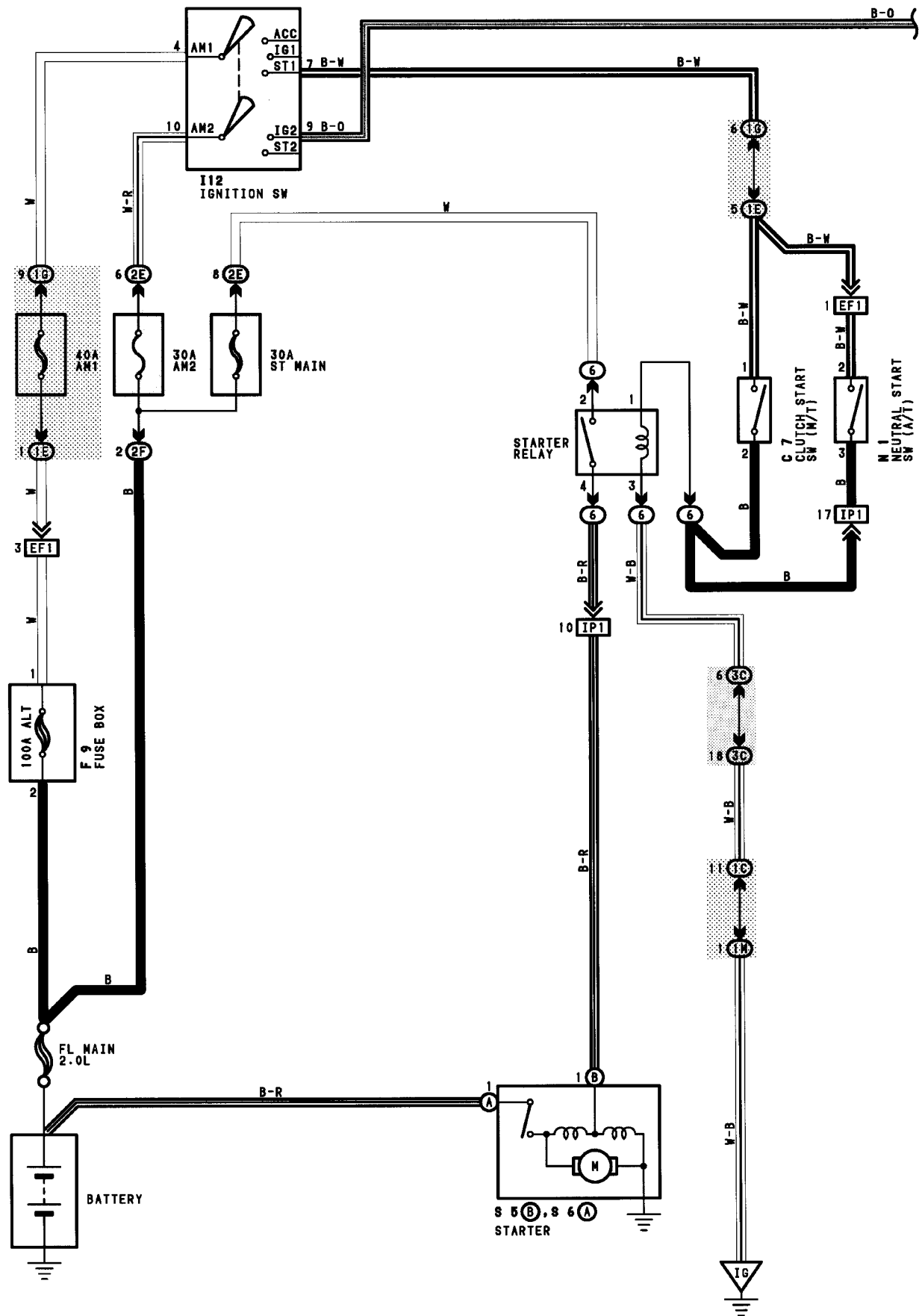
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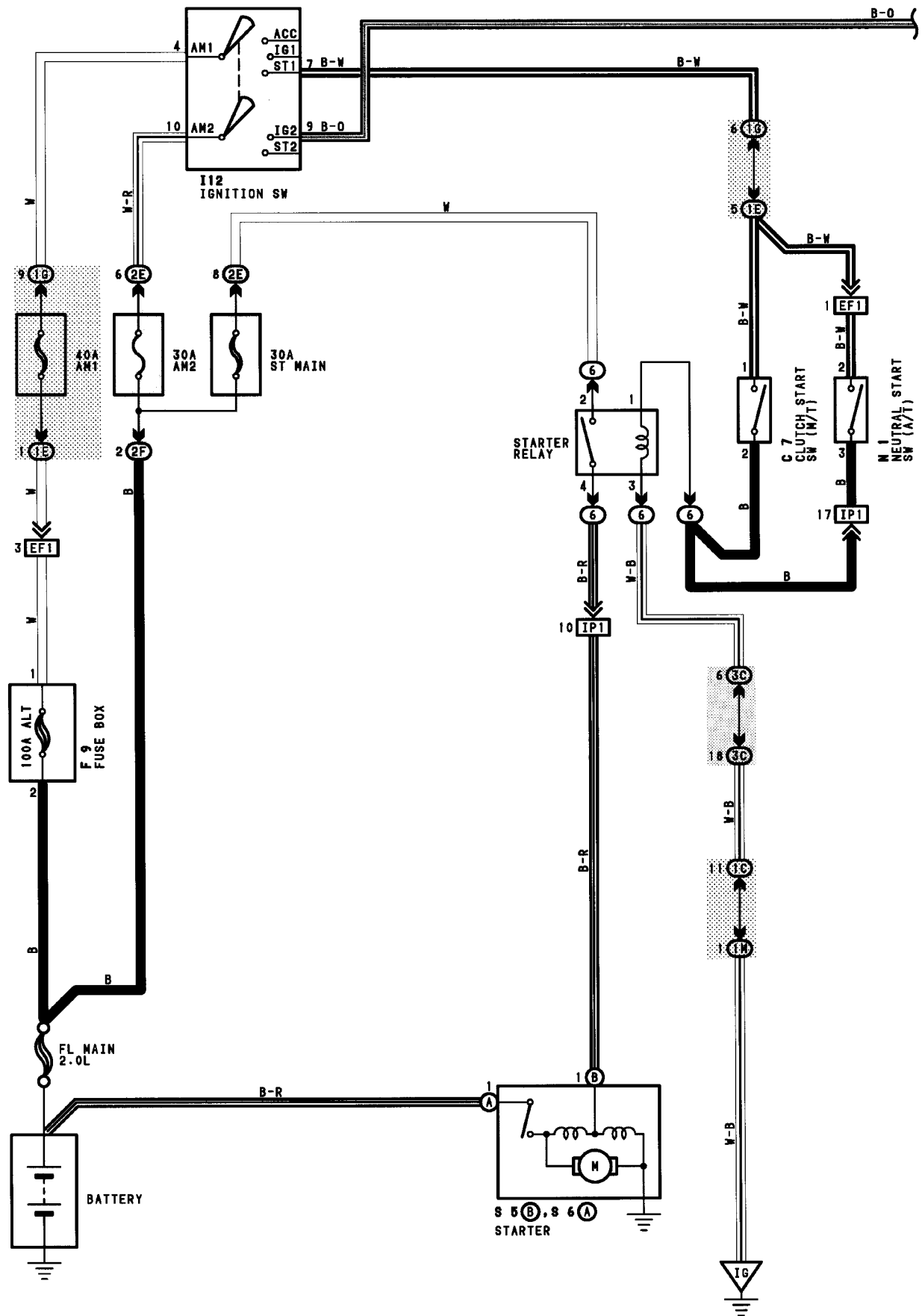
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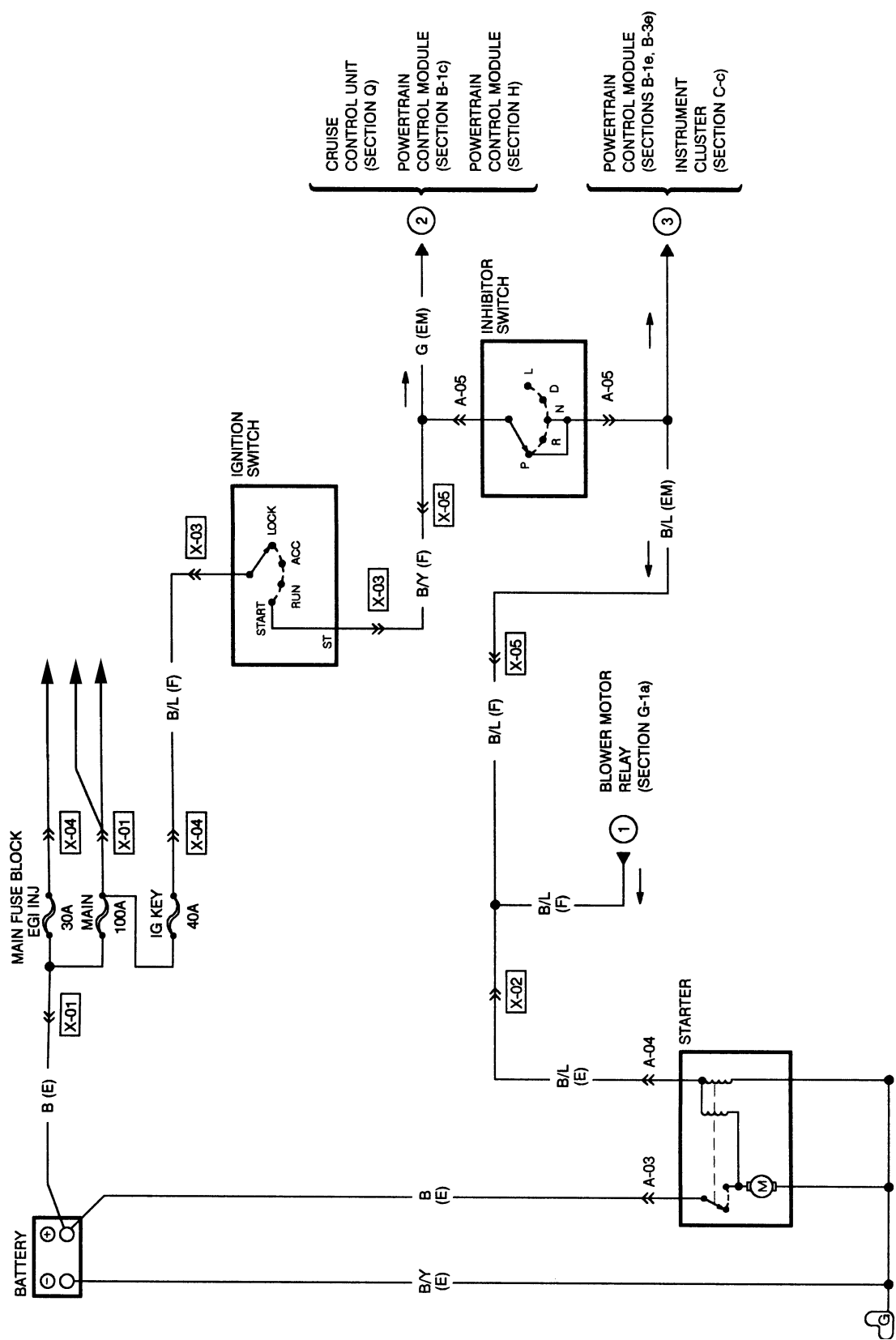
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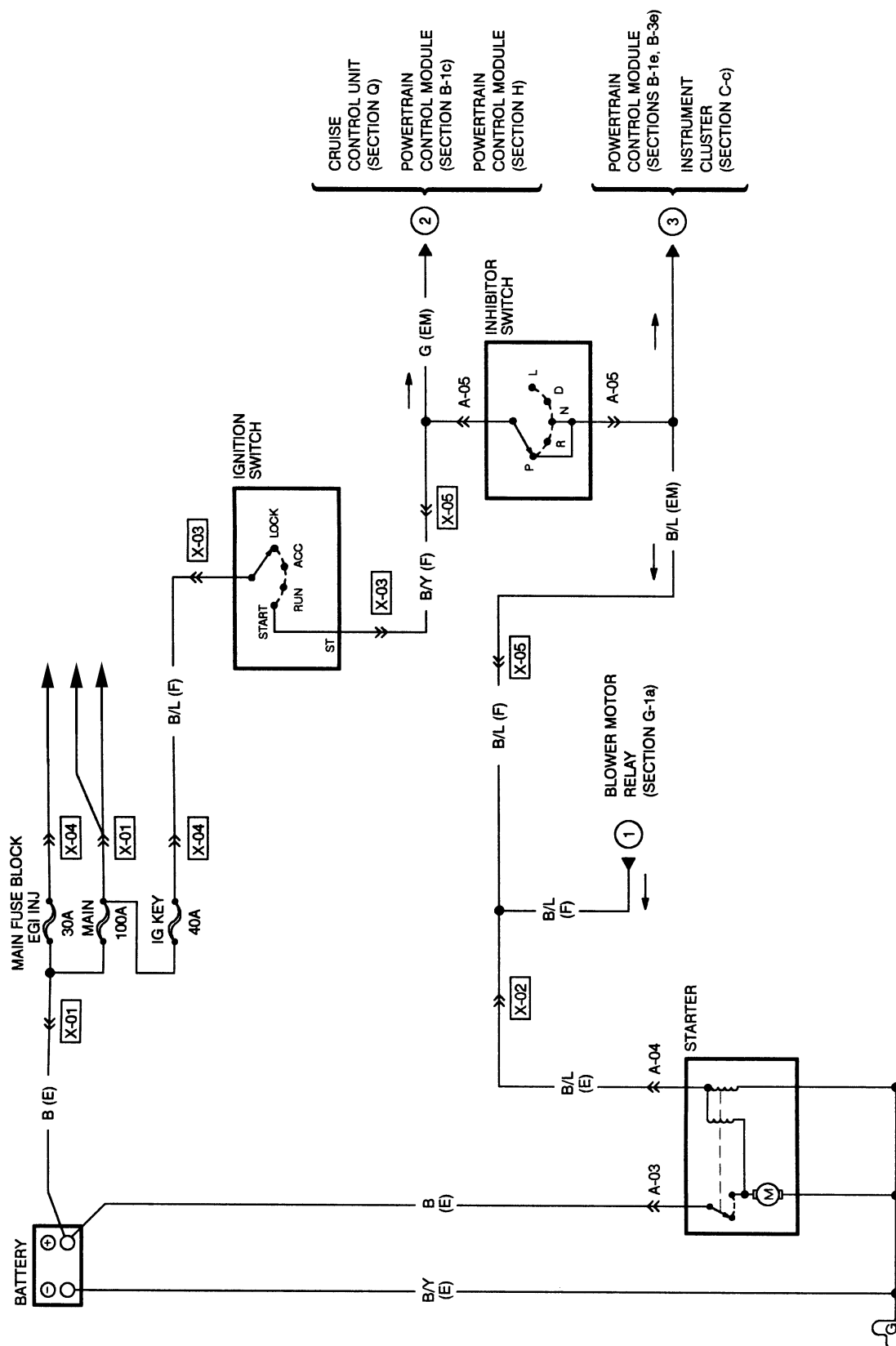
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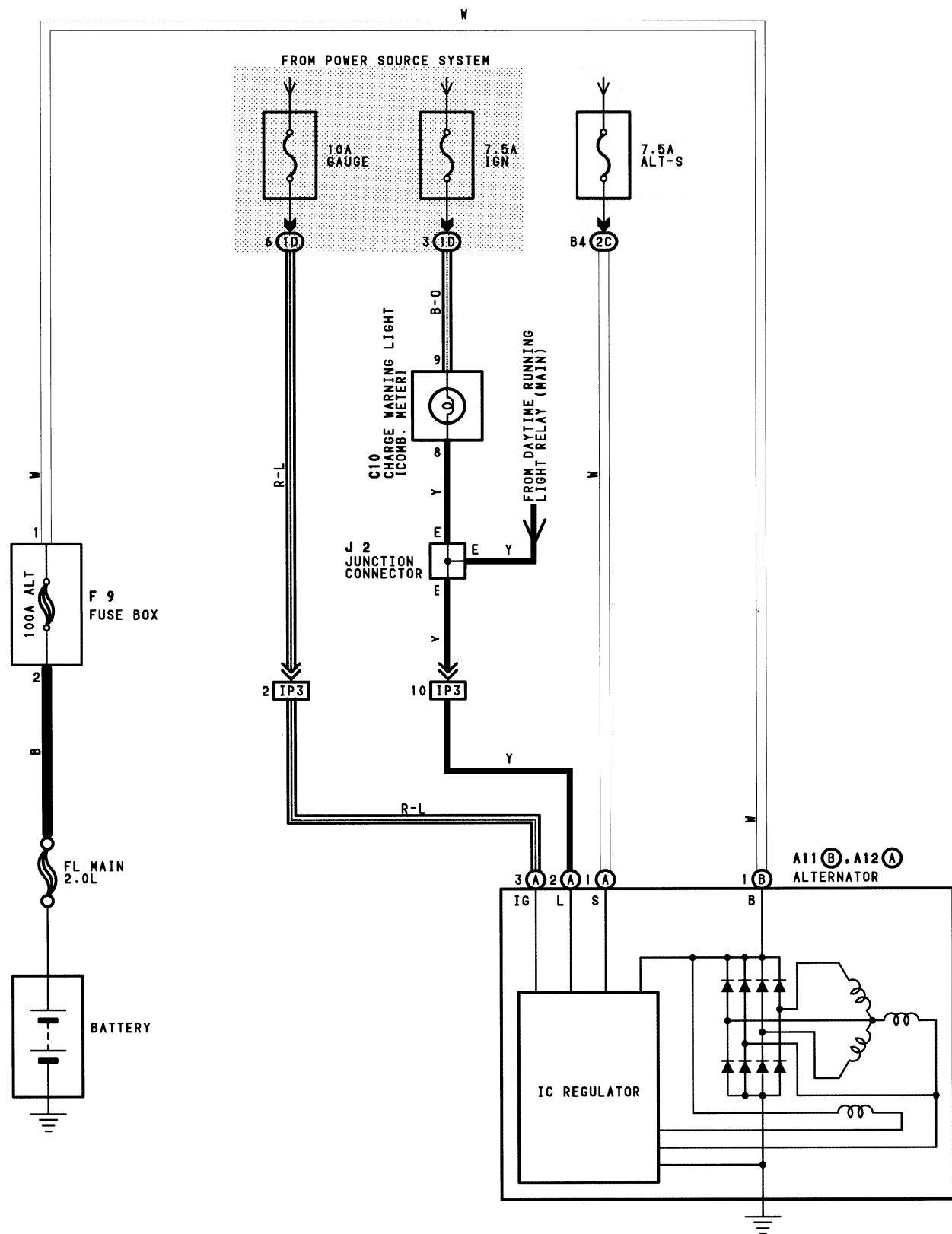
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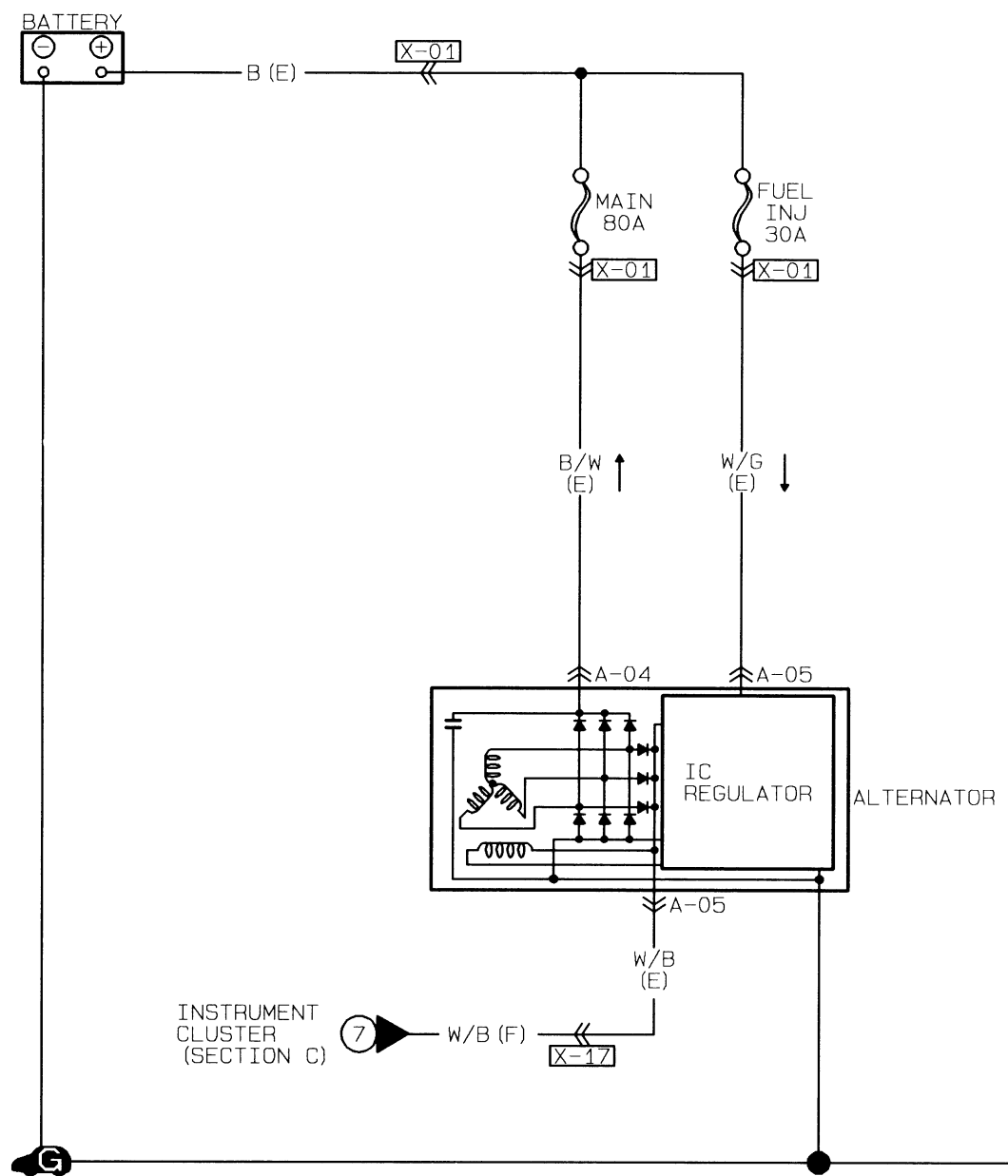
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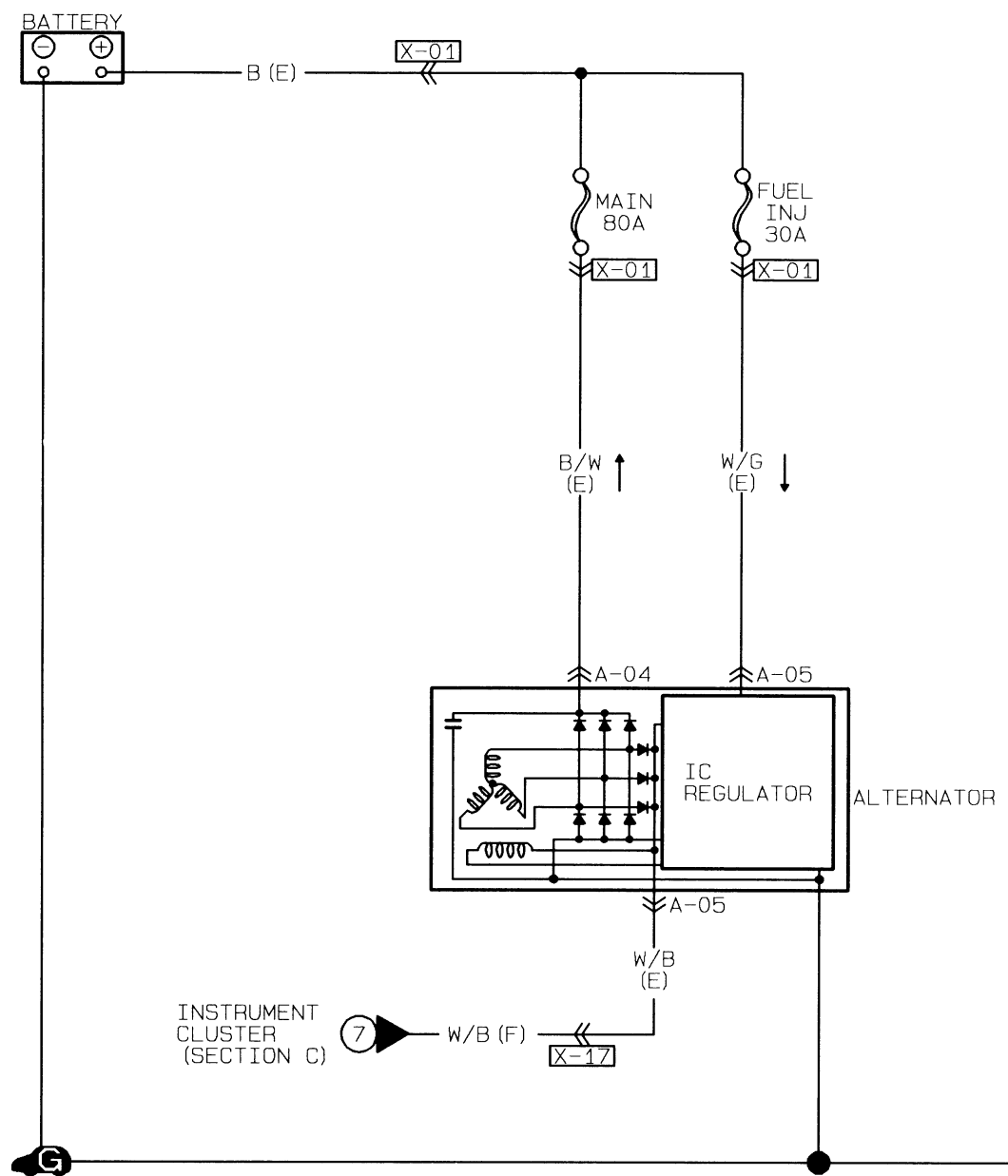
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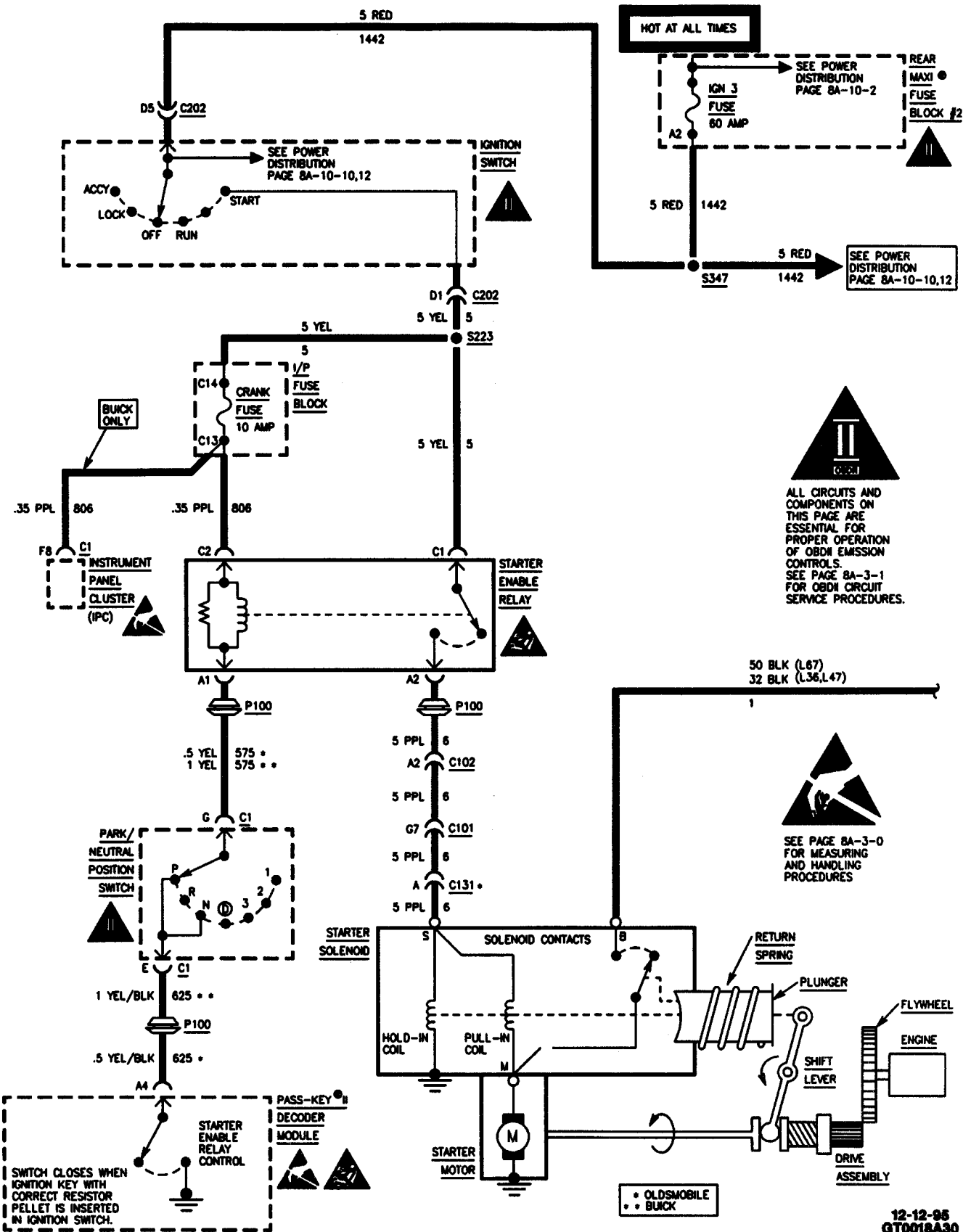
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MAZDA CHARGING

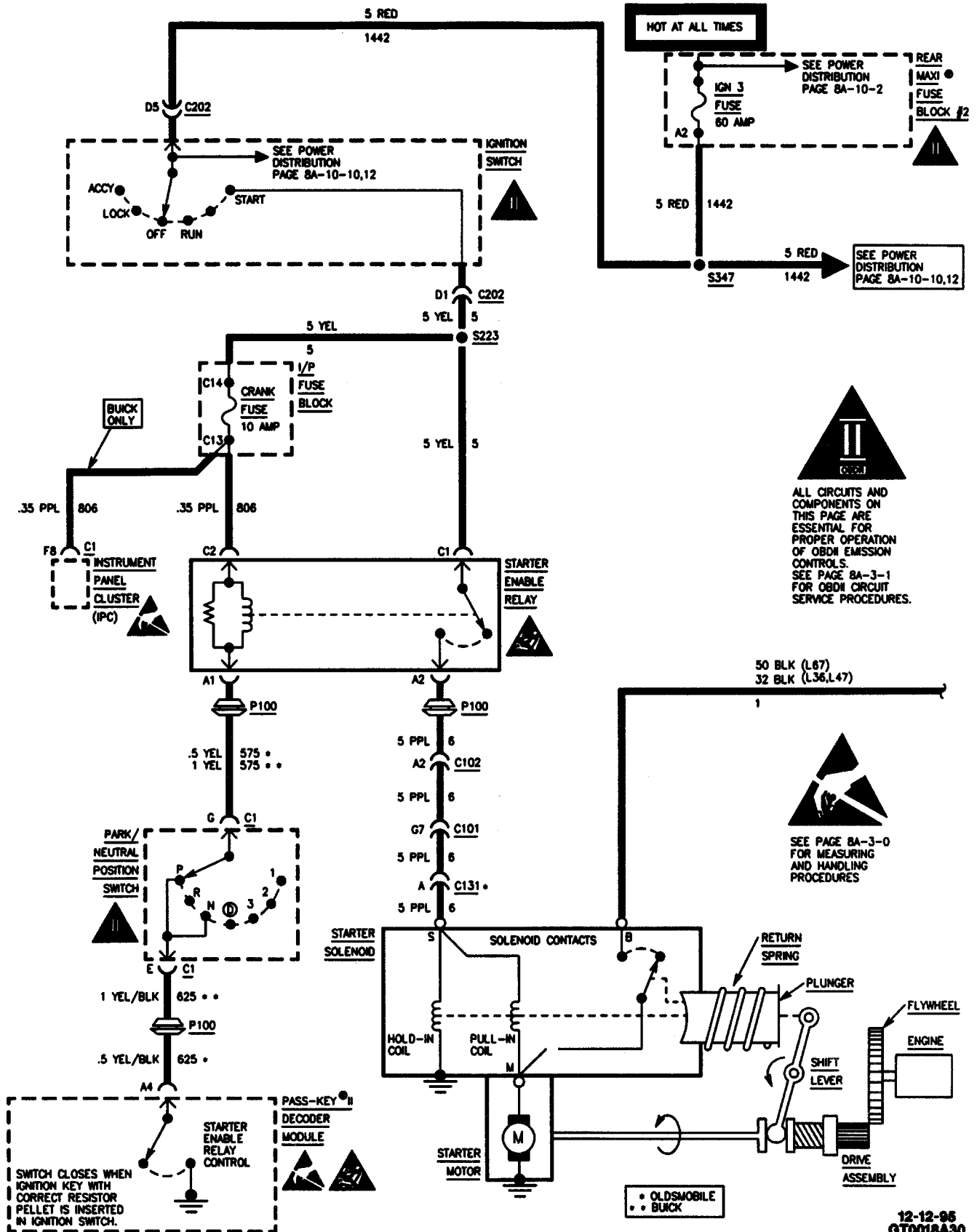


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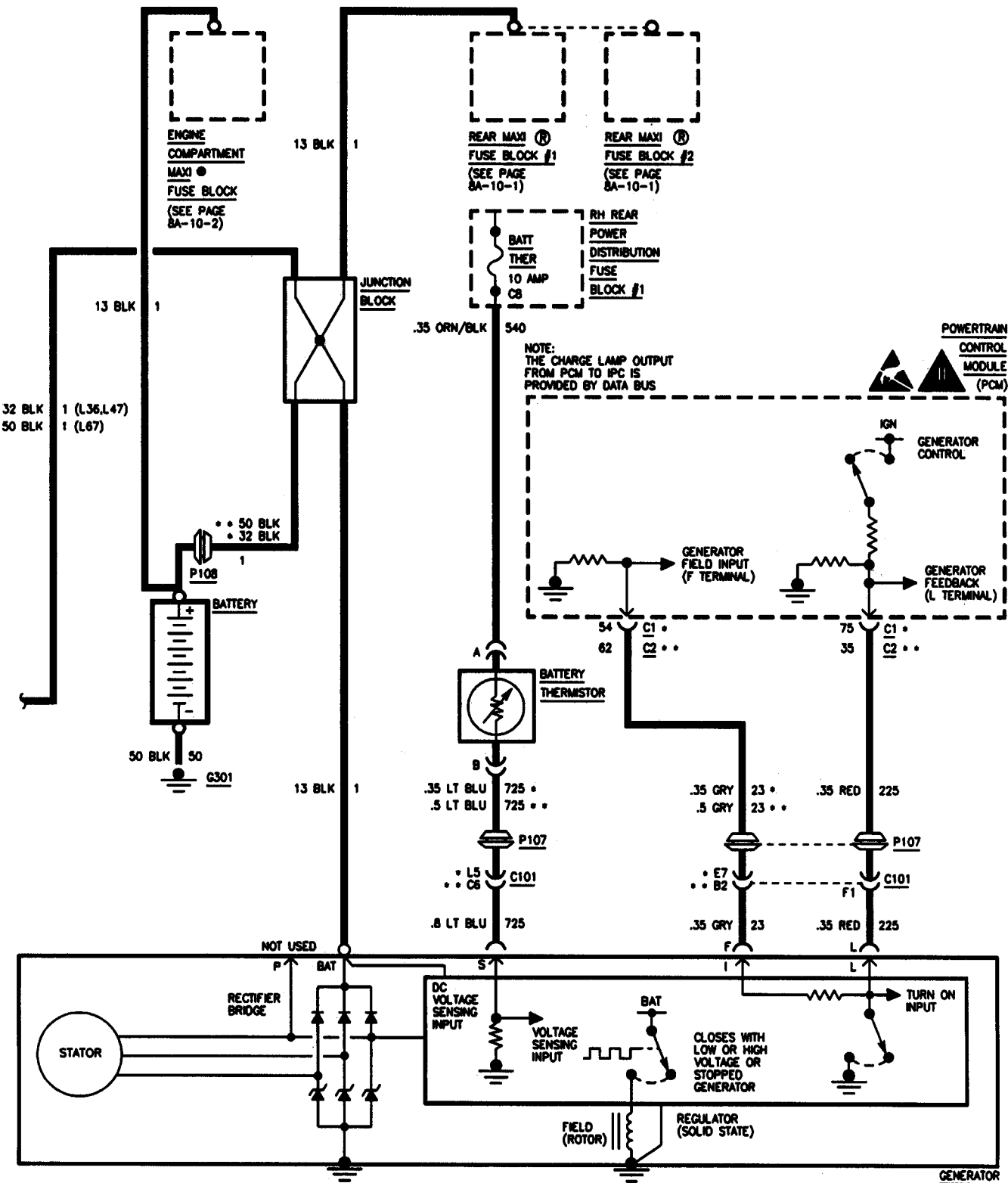
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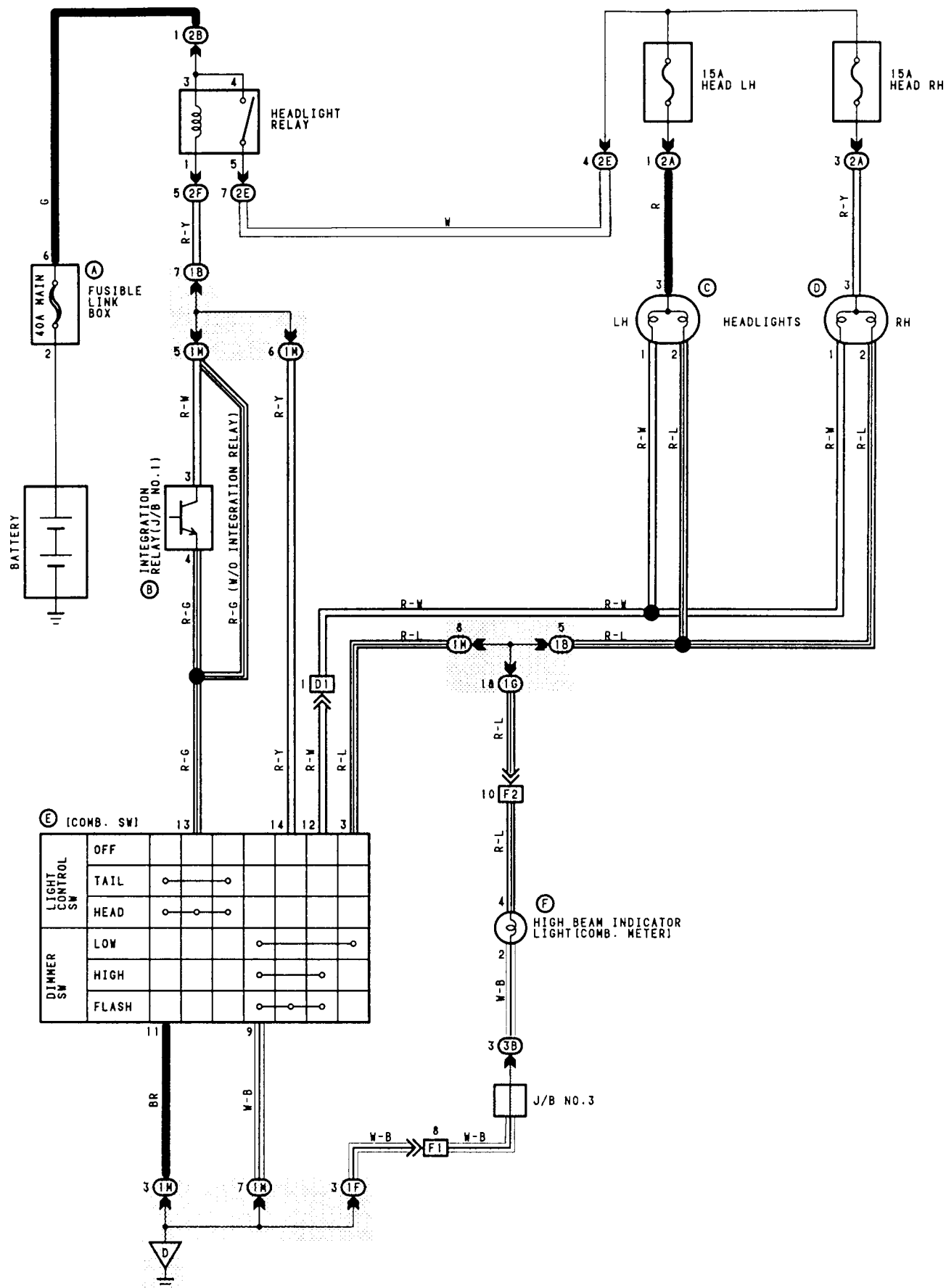


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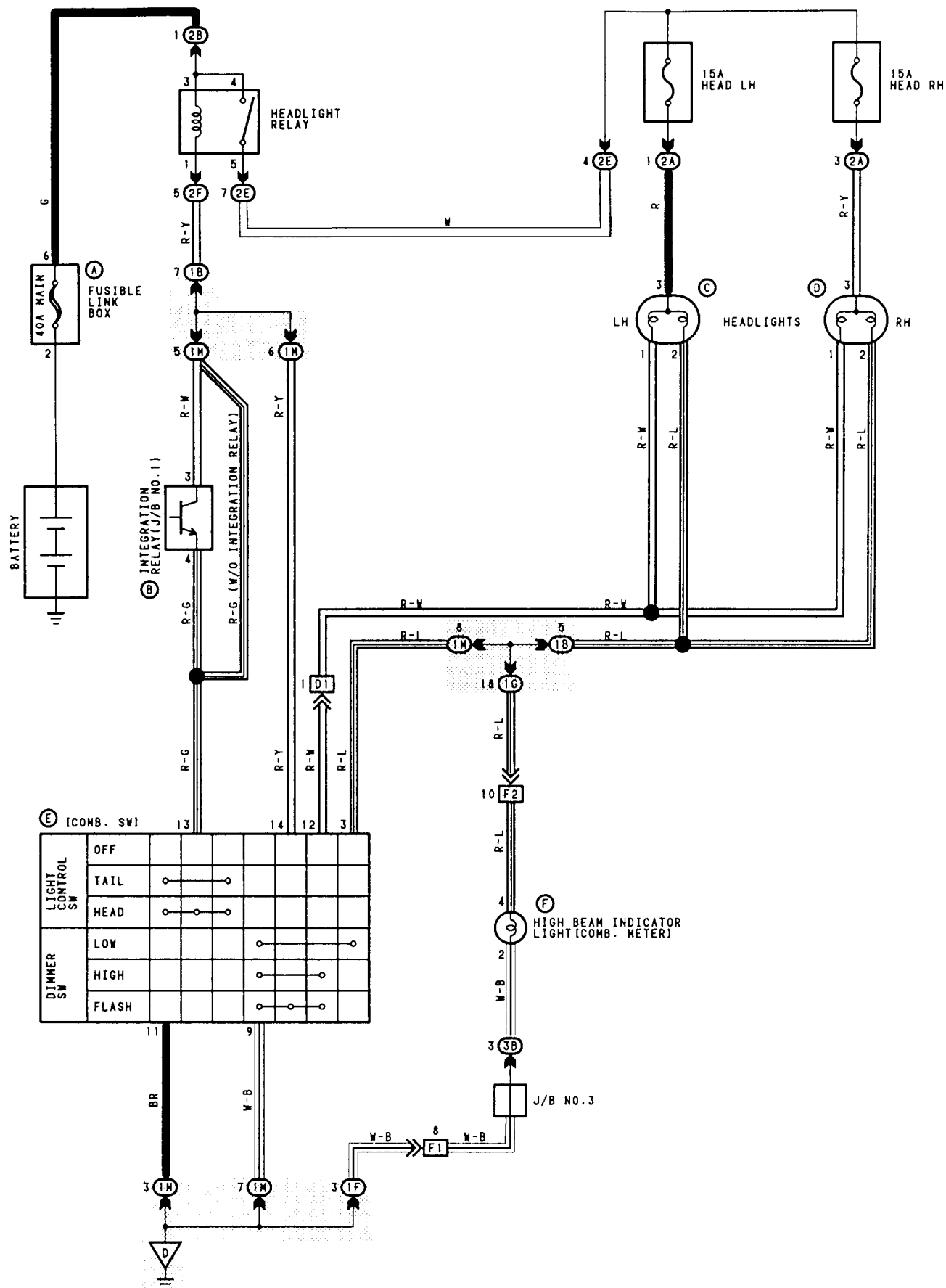
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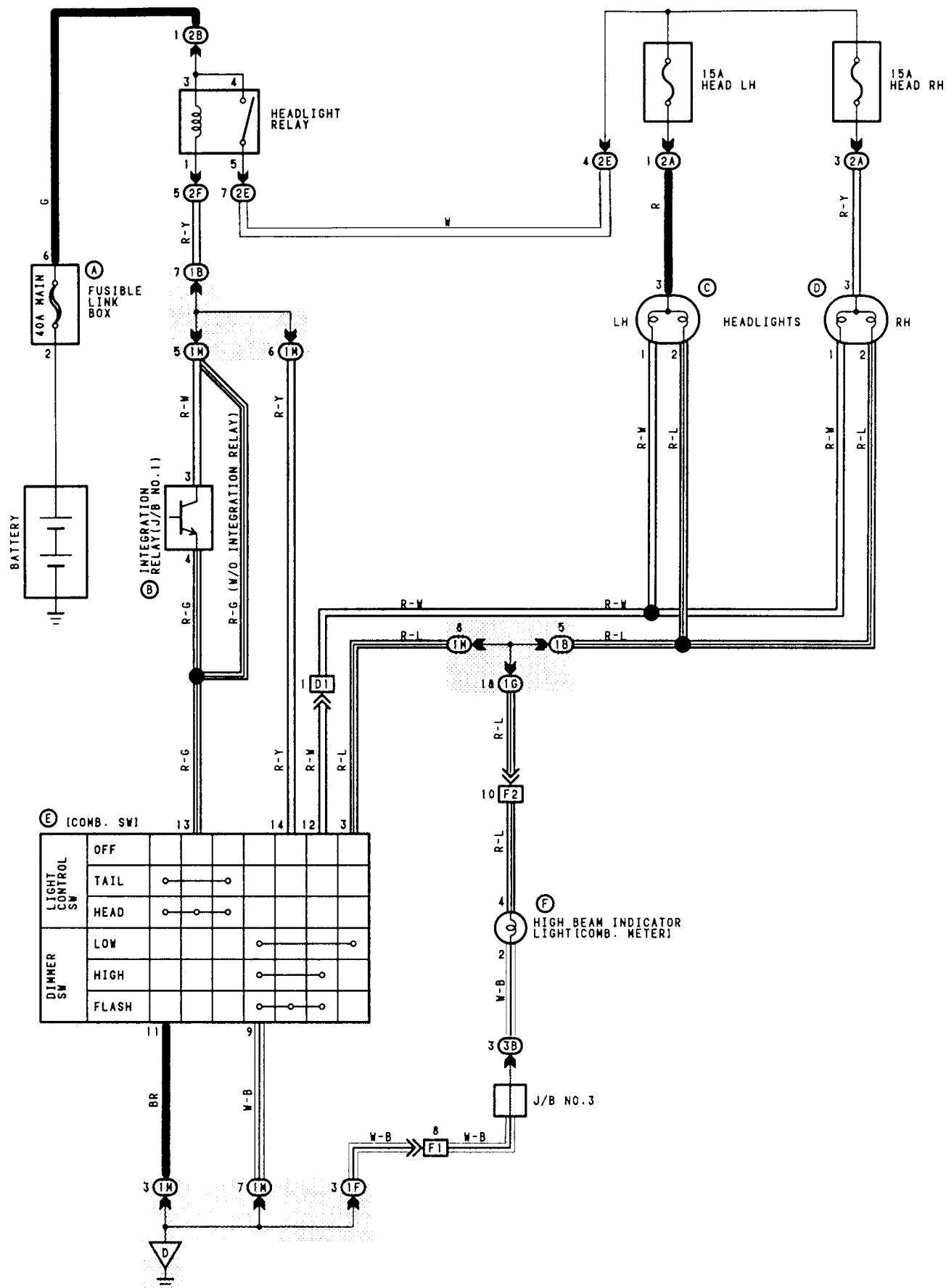
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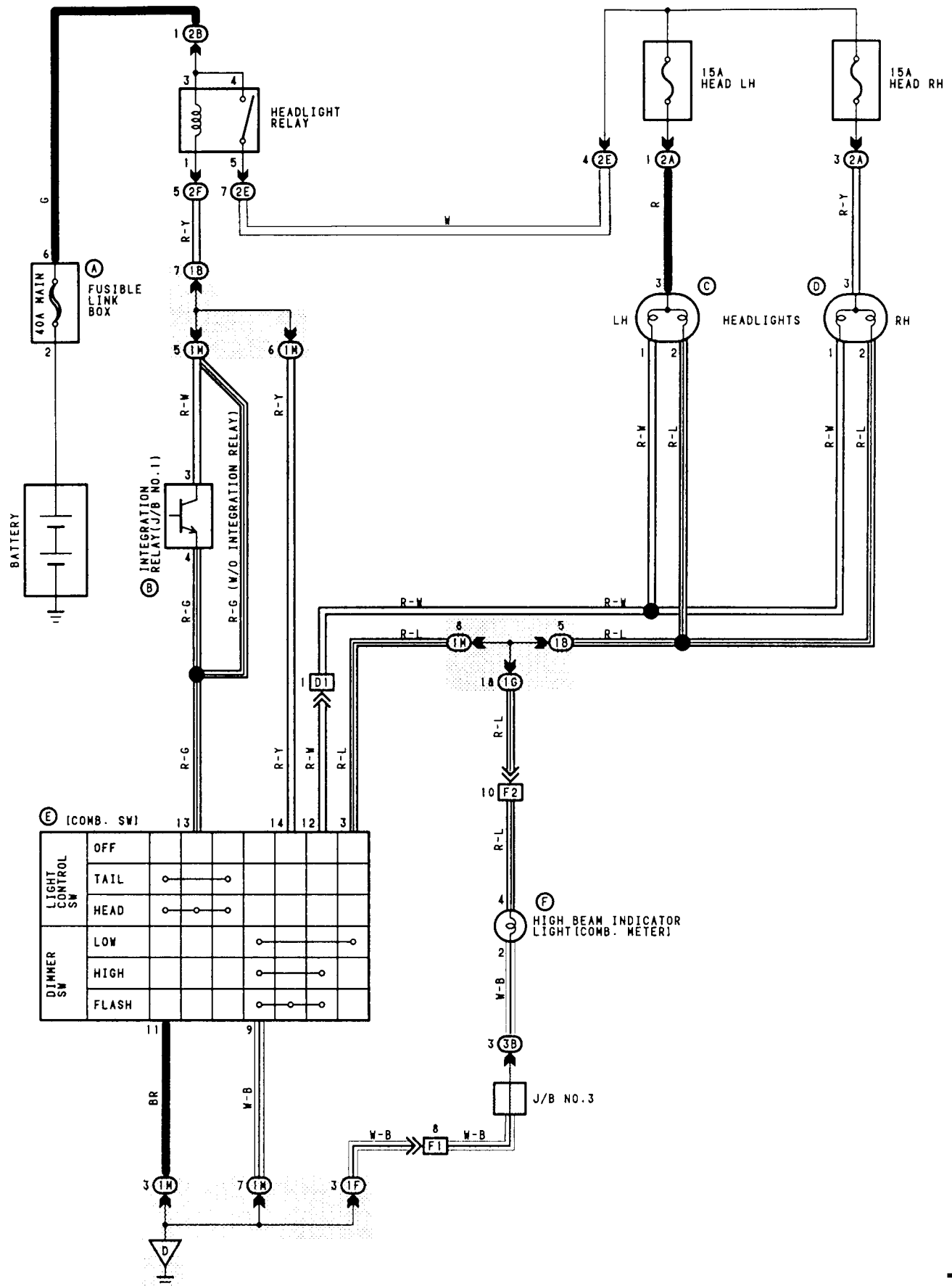
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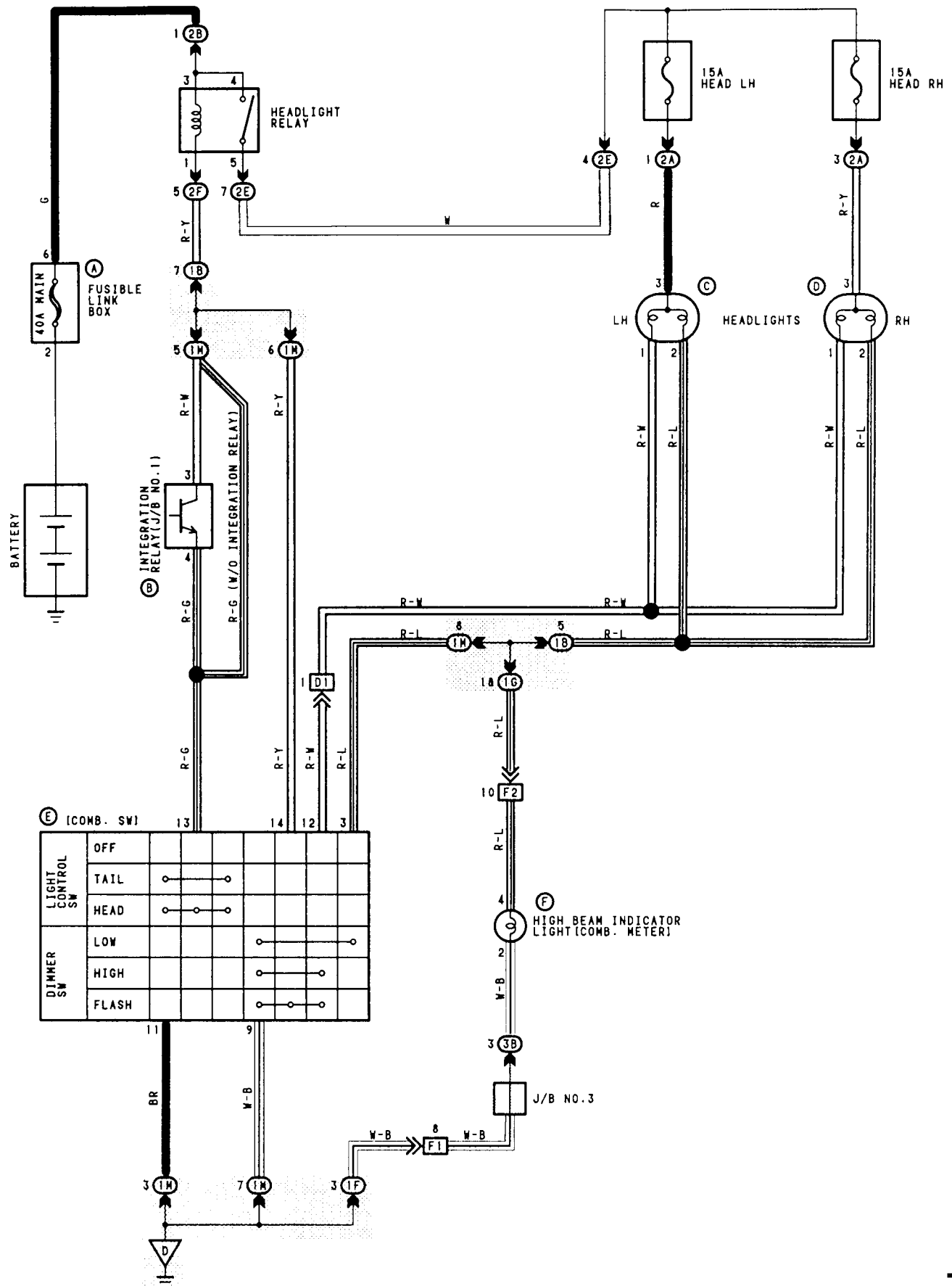
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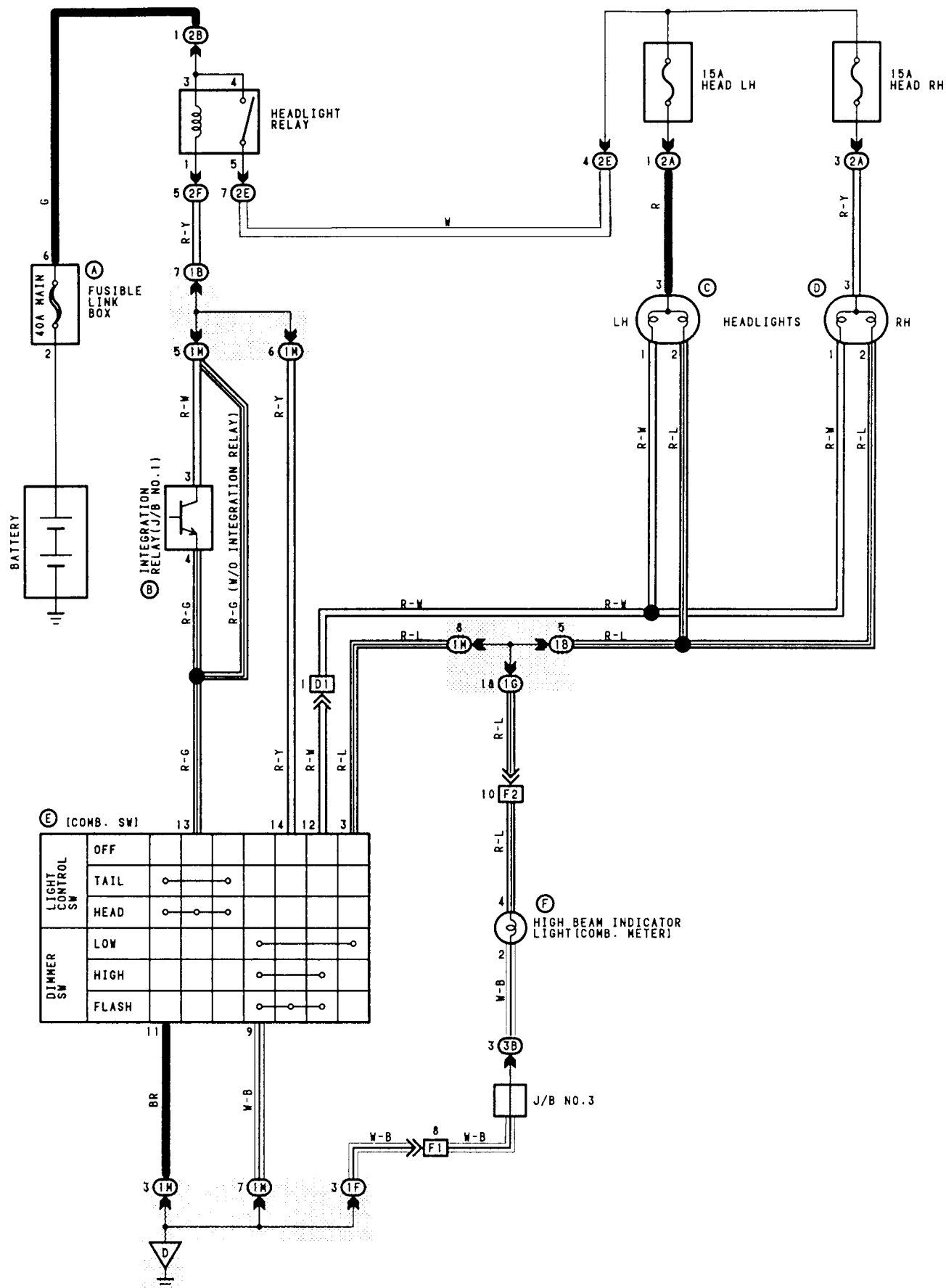
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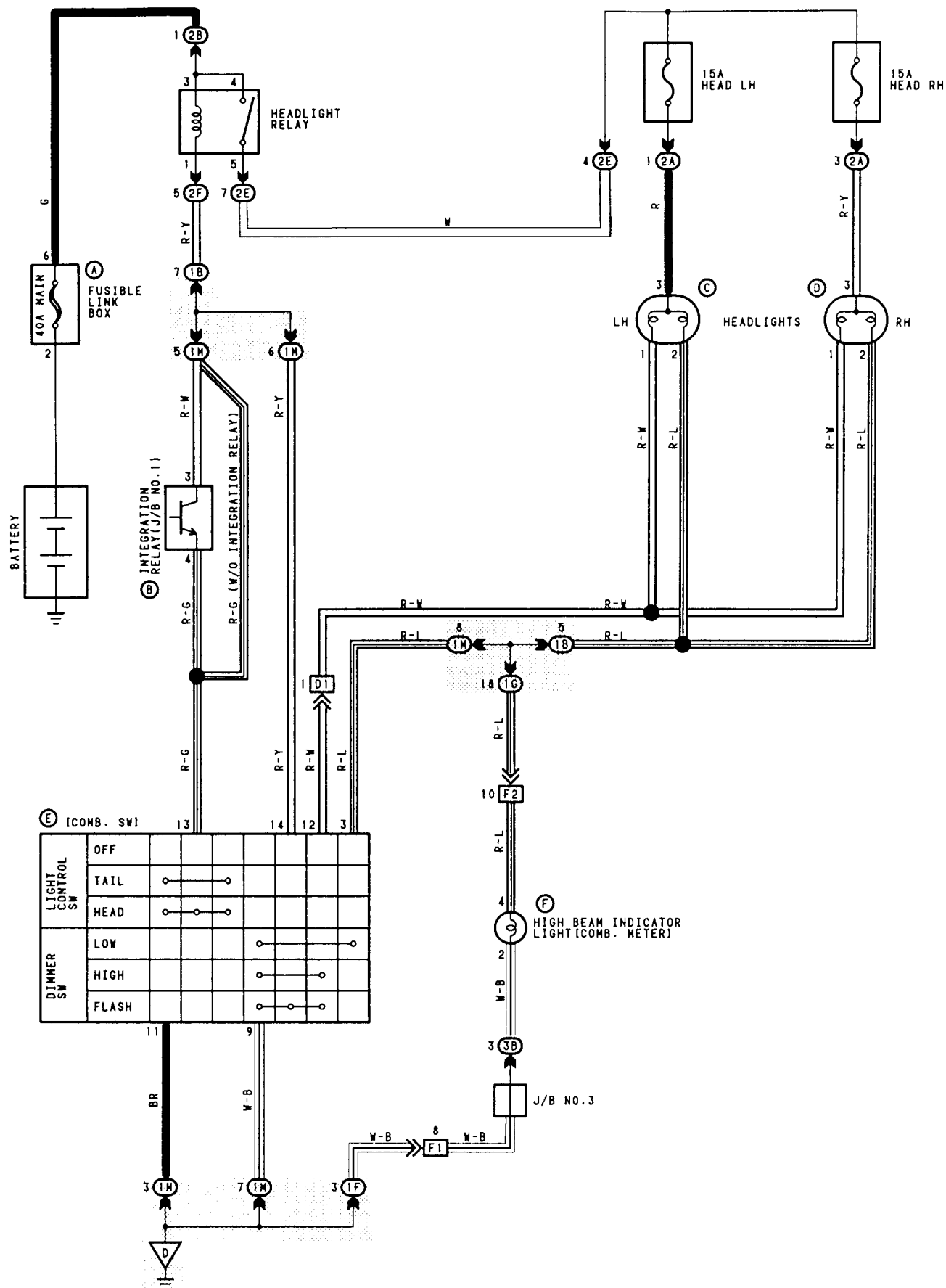
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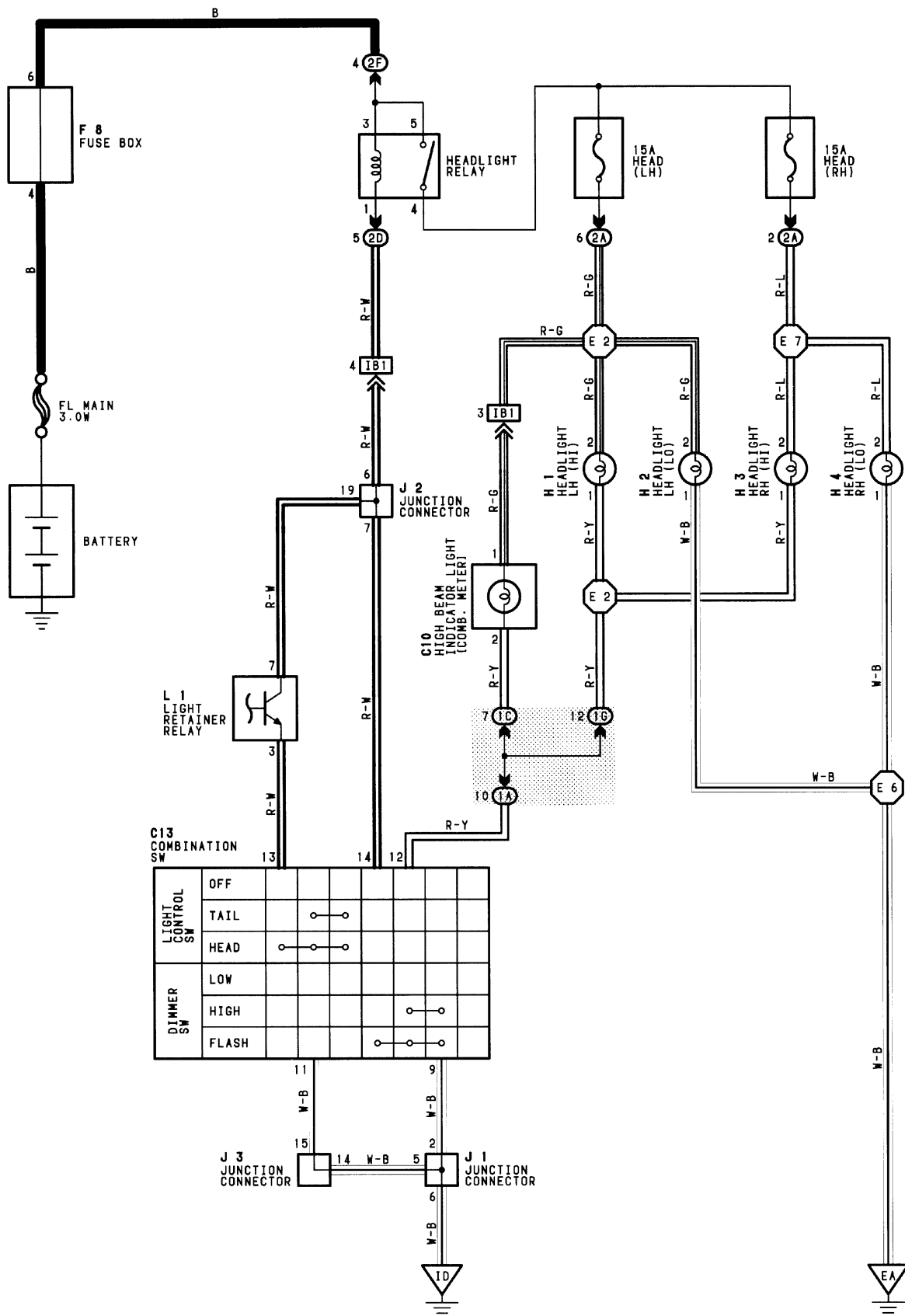
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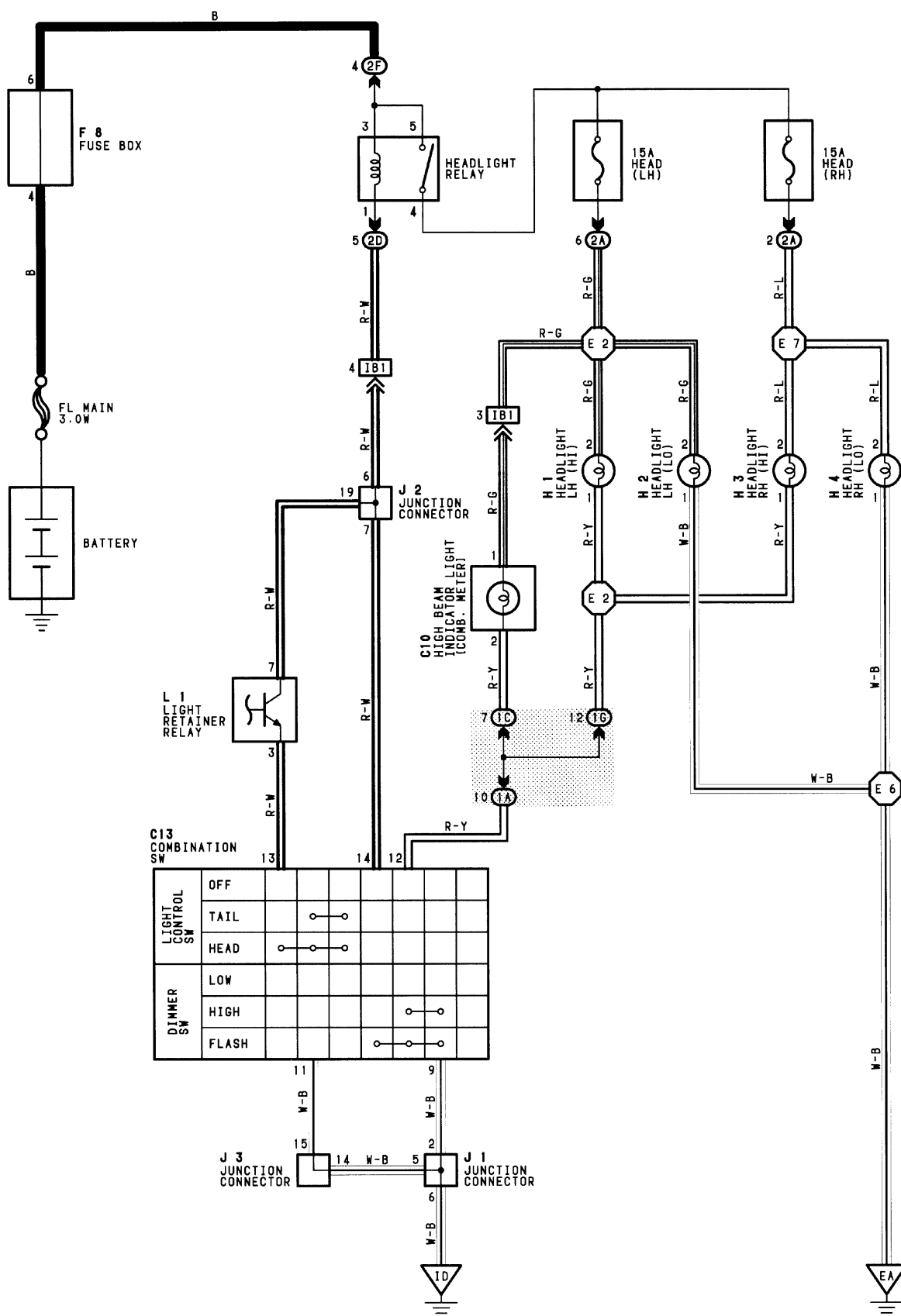
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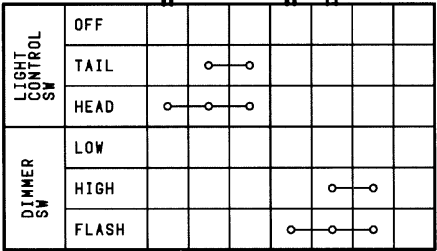


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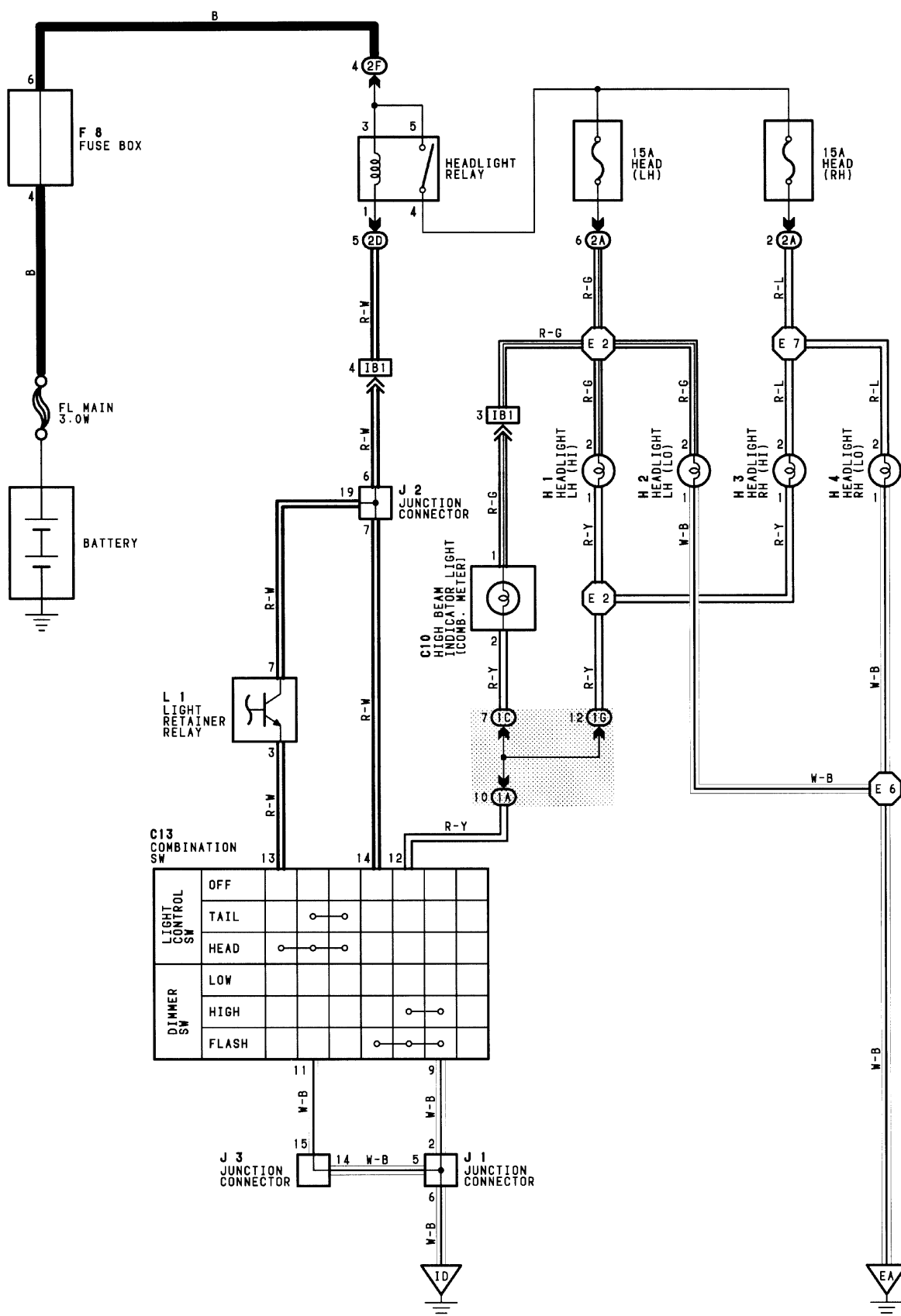


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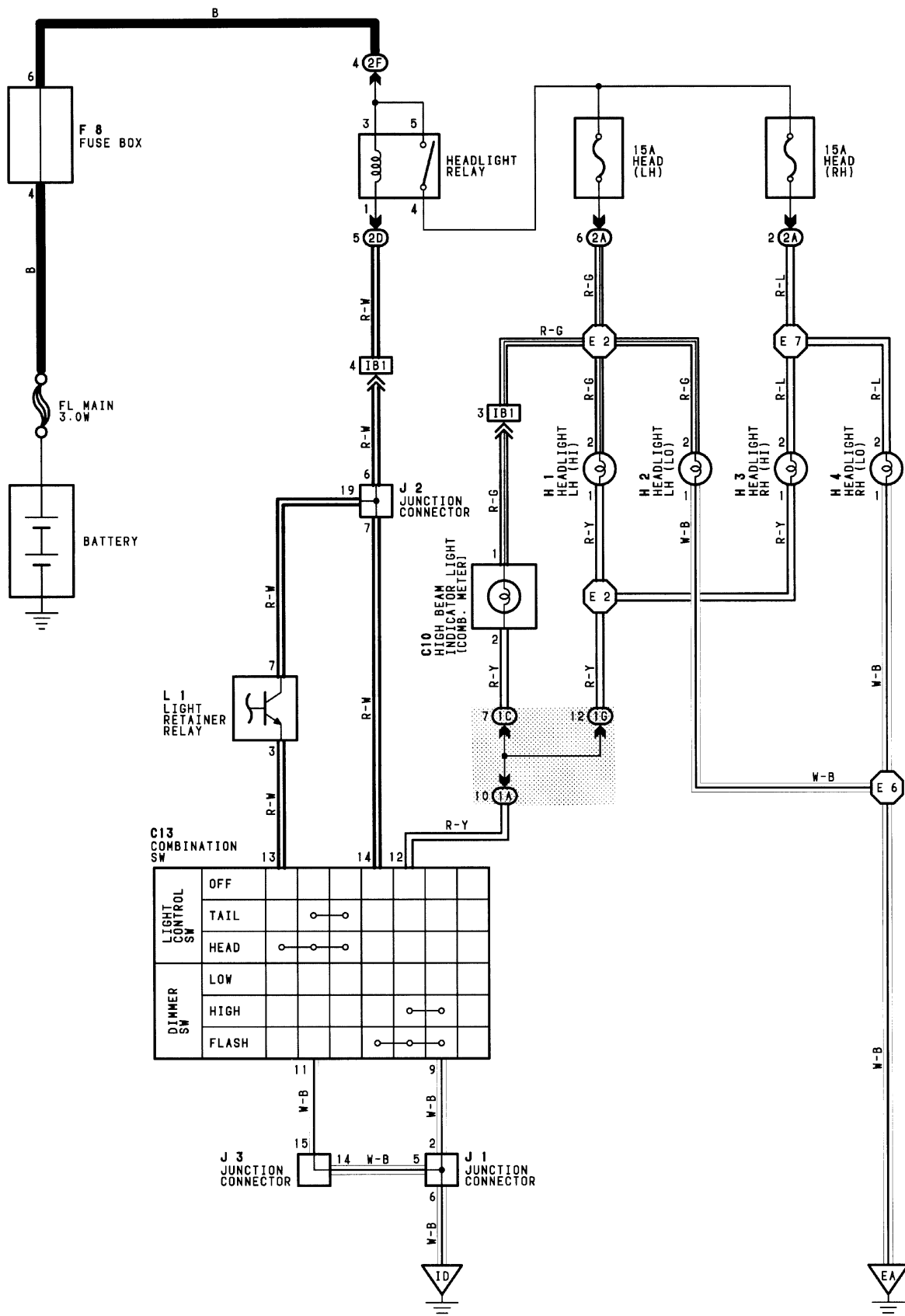




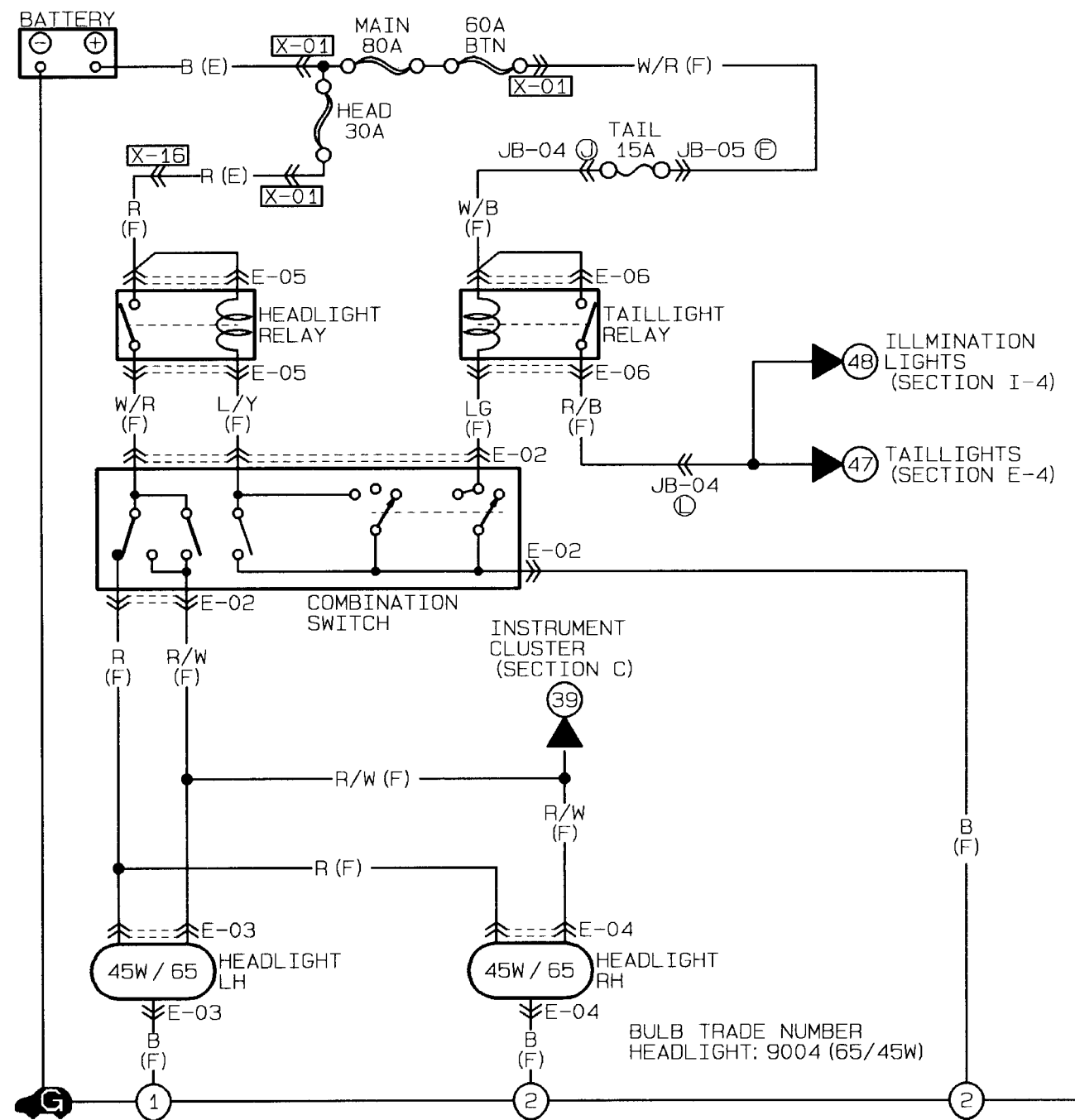
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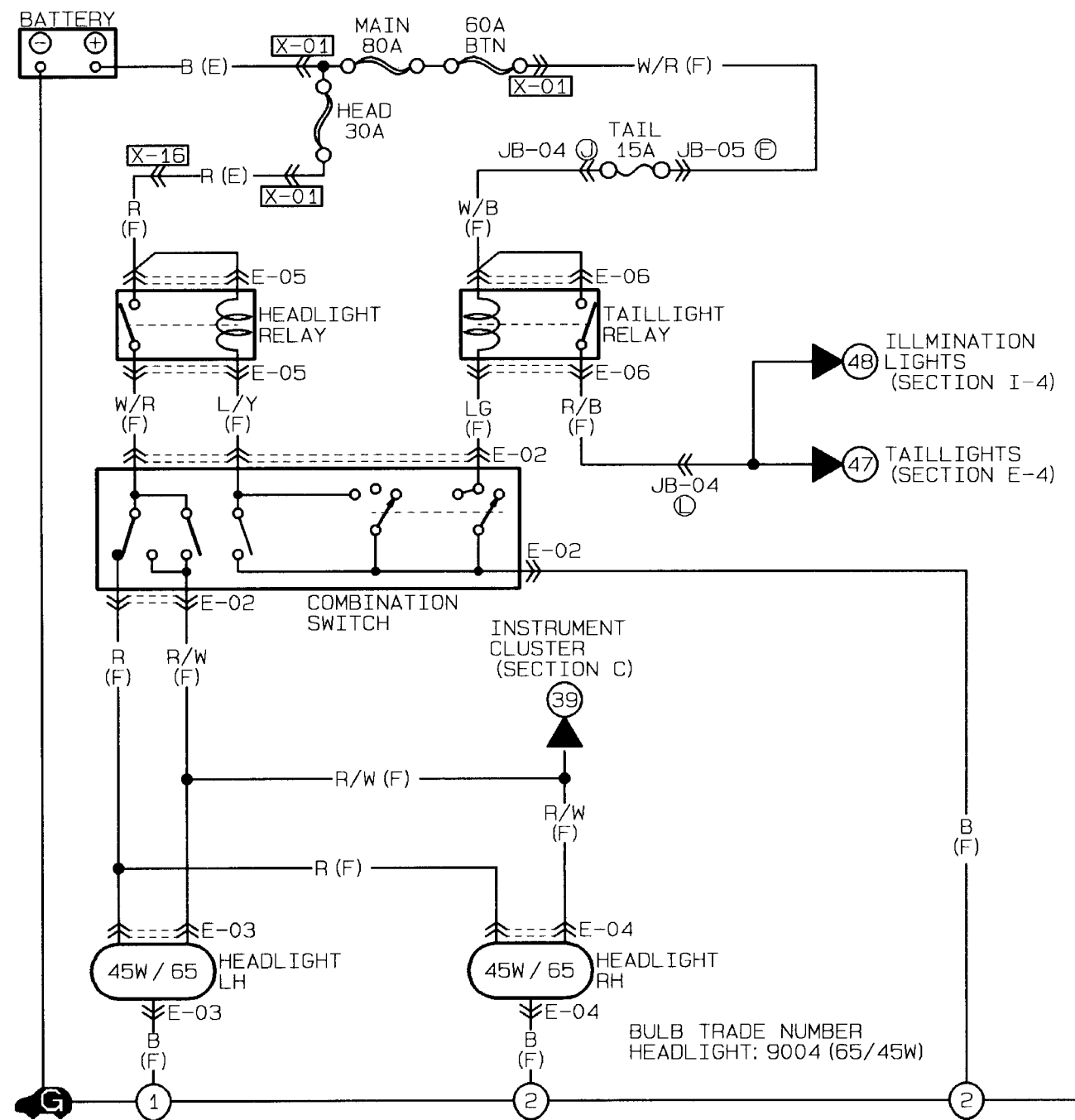
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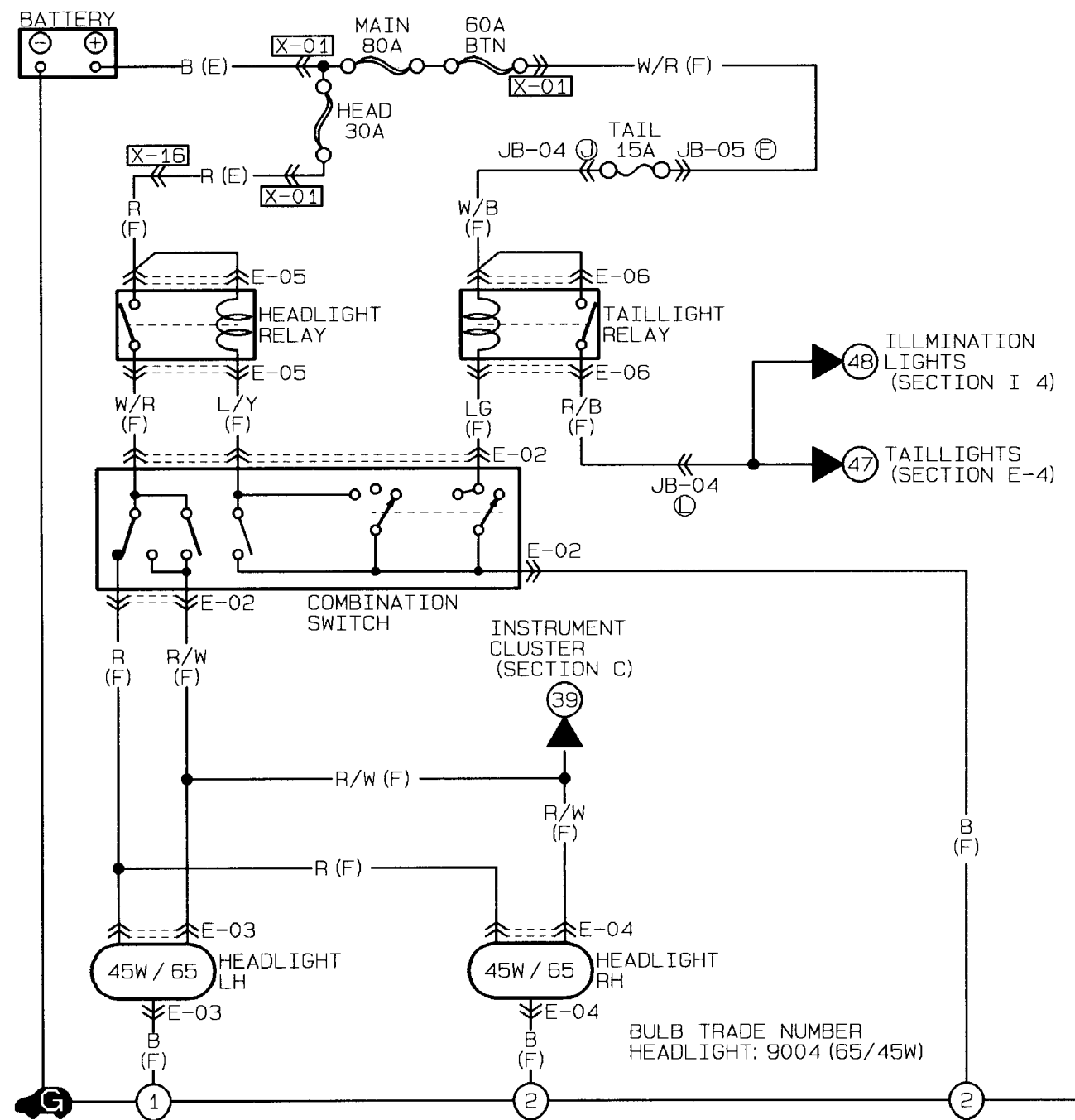
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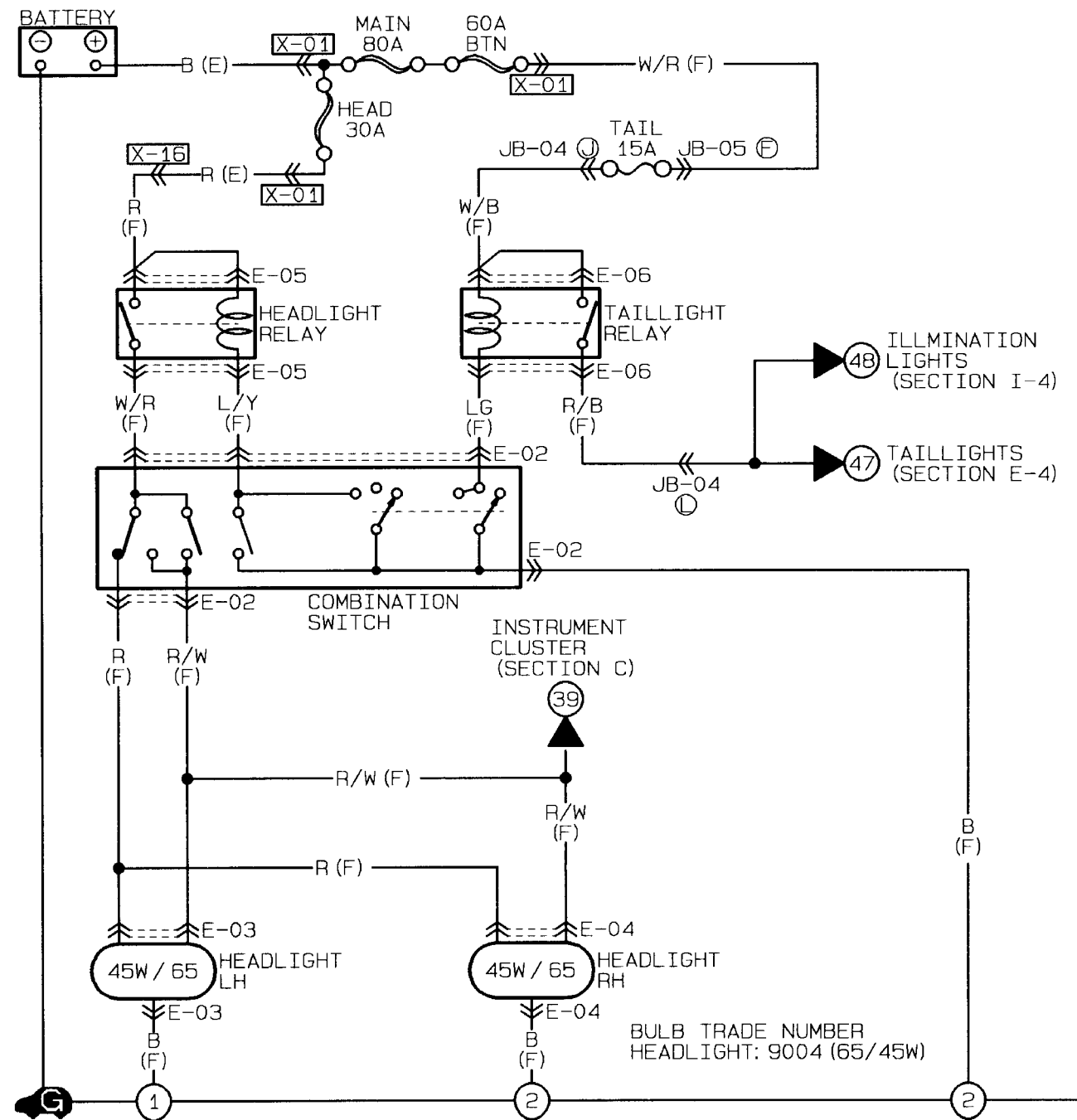
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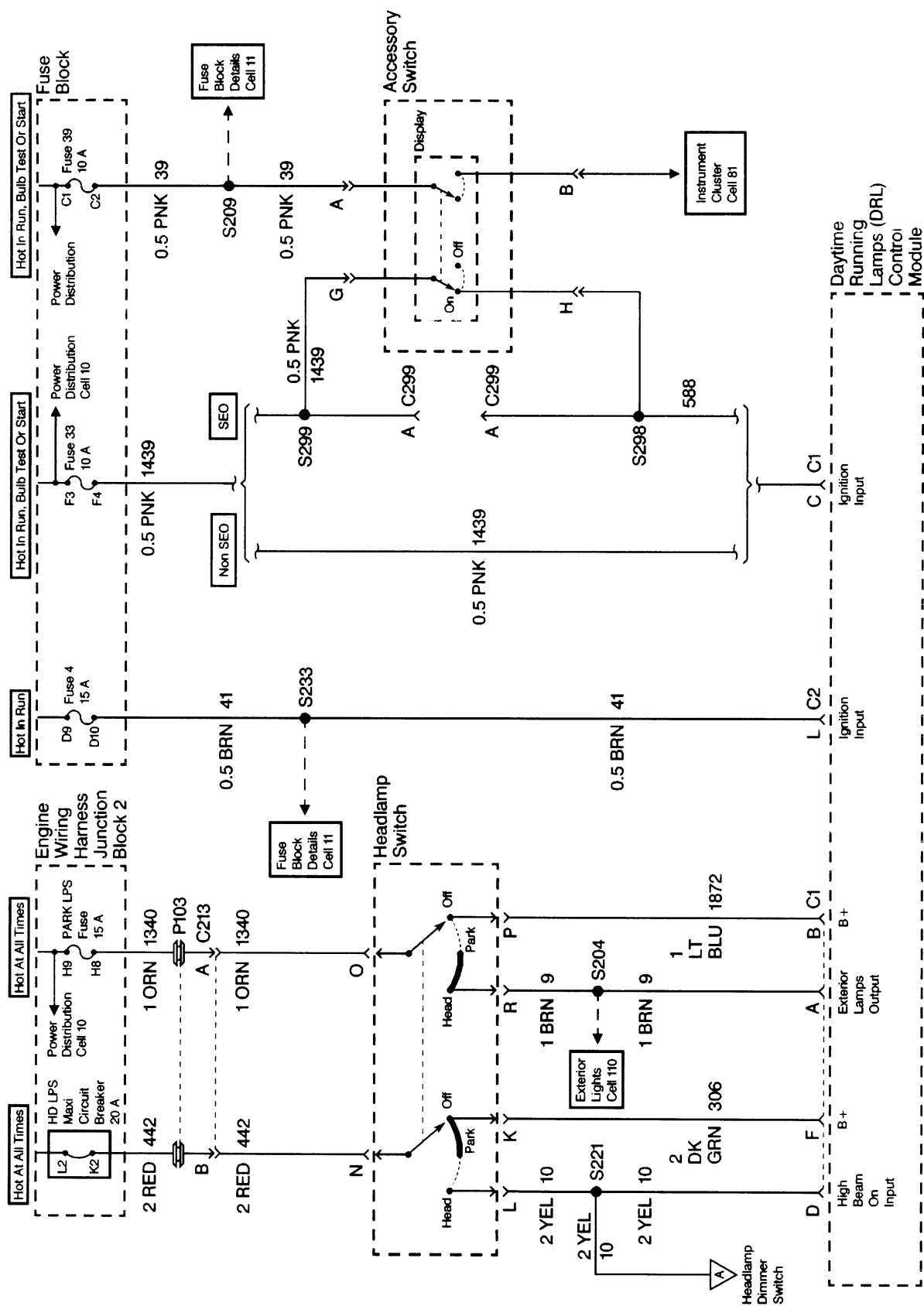
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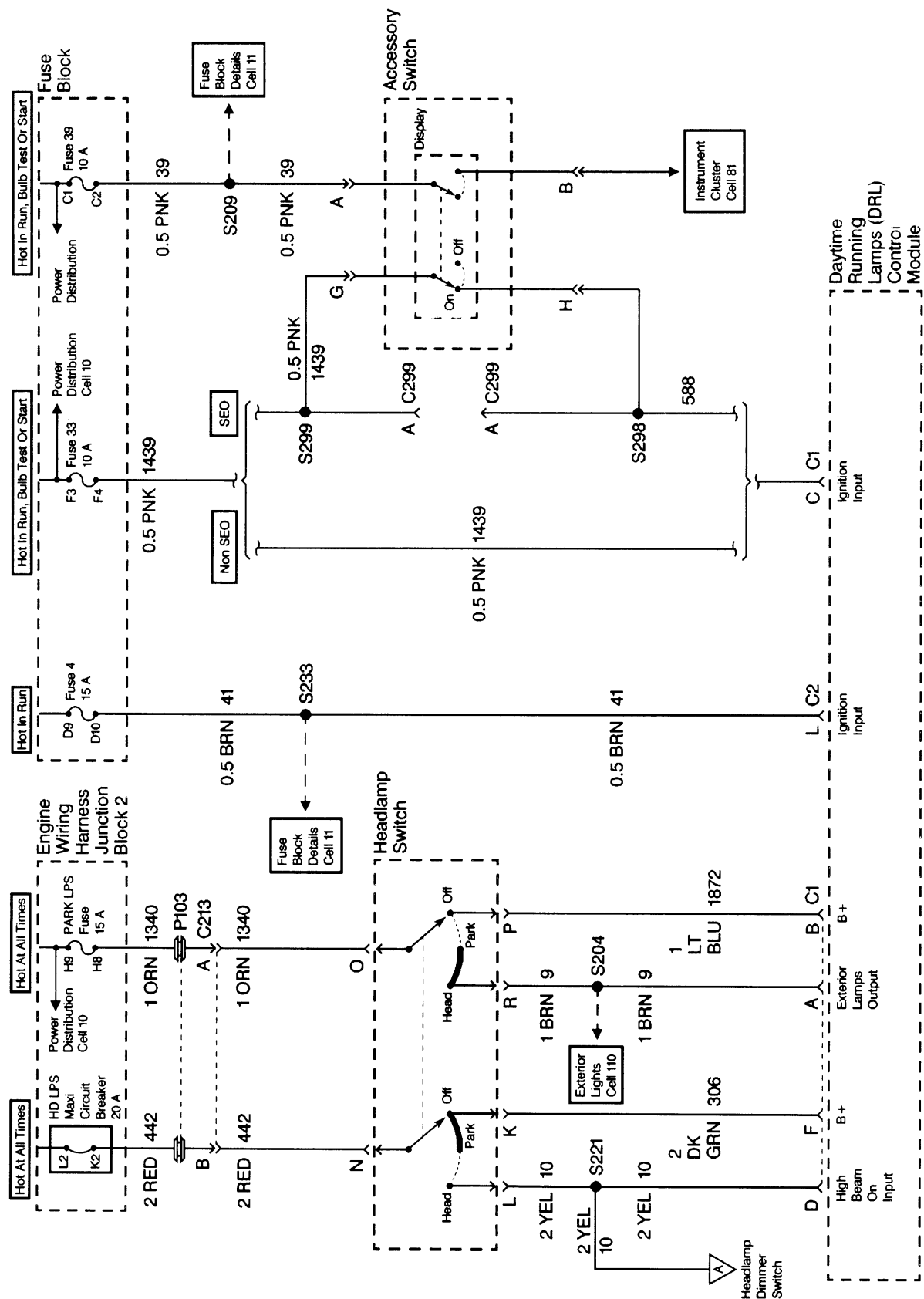
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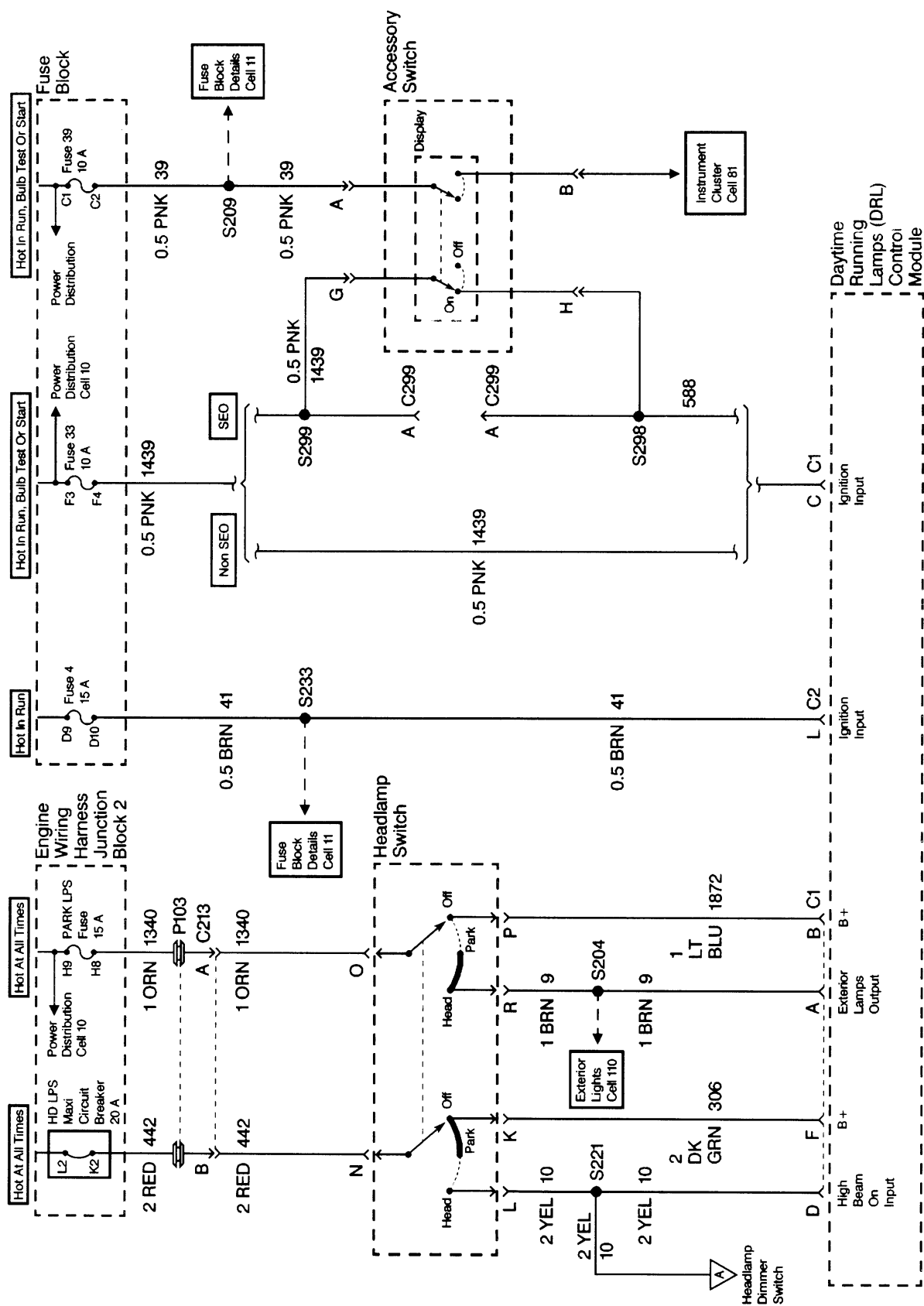


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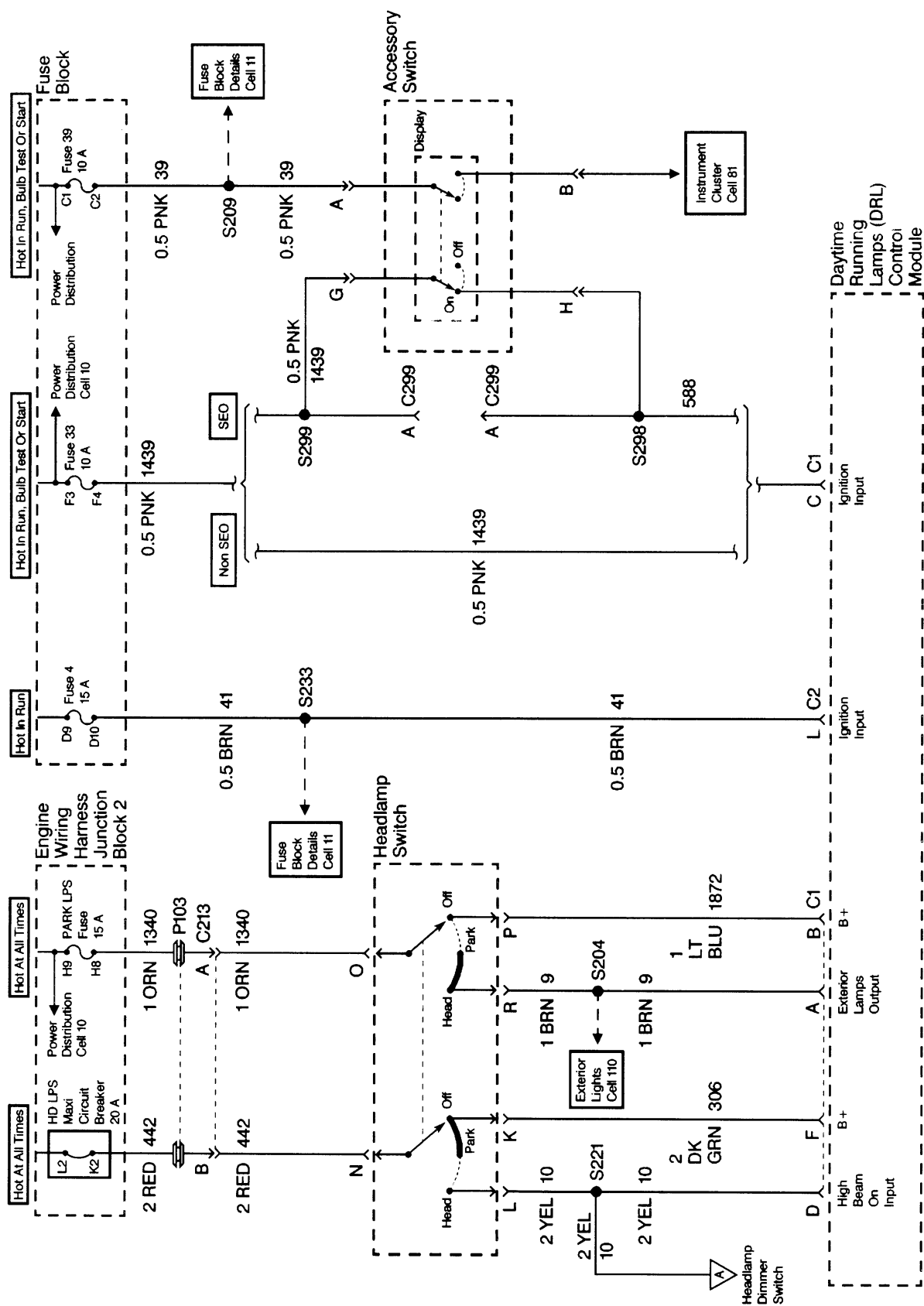


GM HEADLAMP - PART A

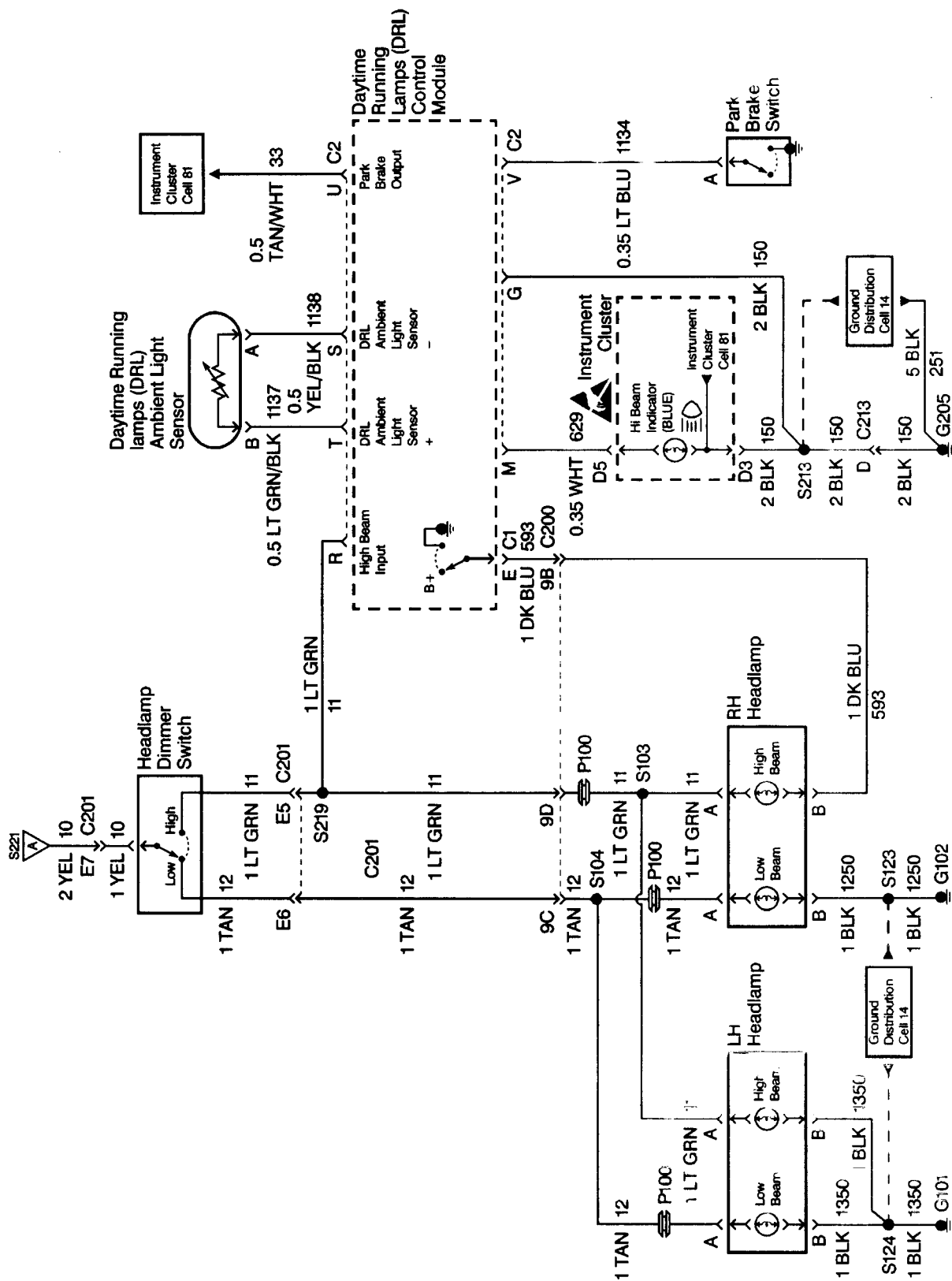




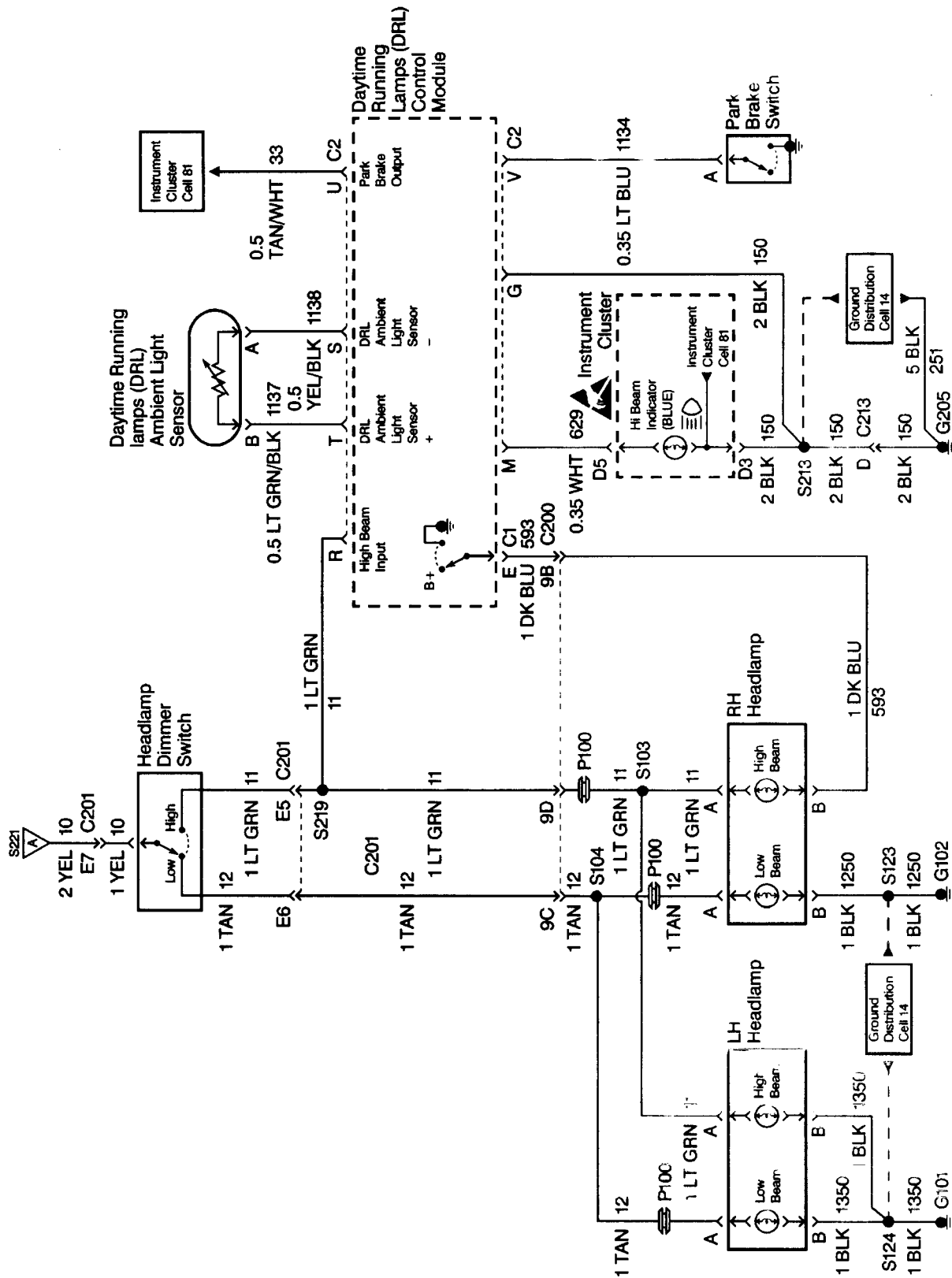
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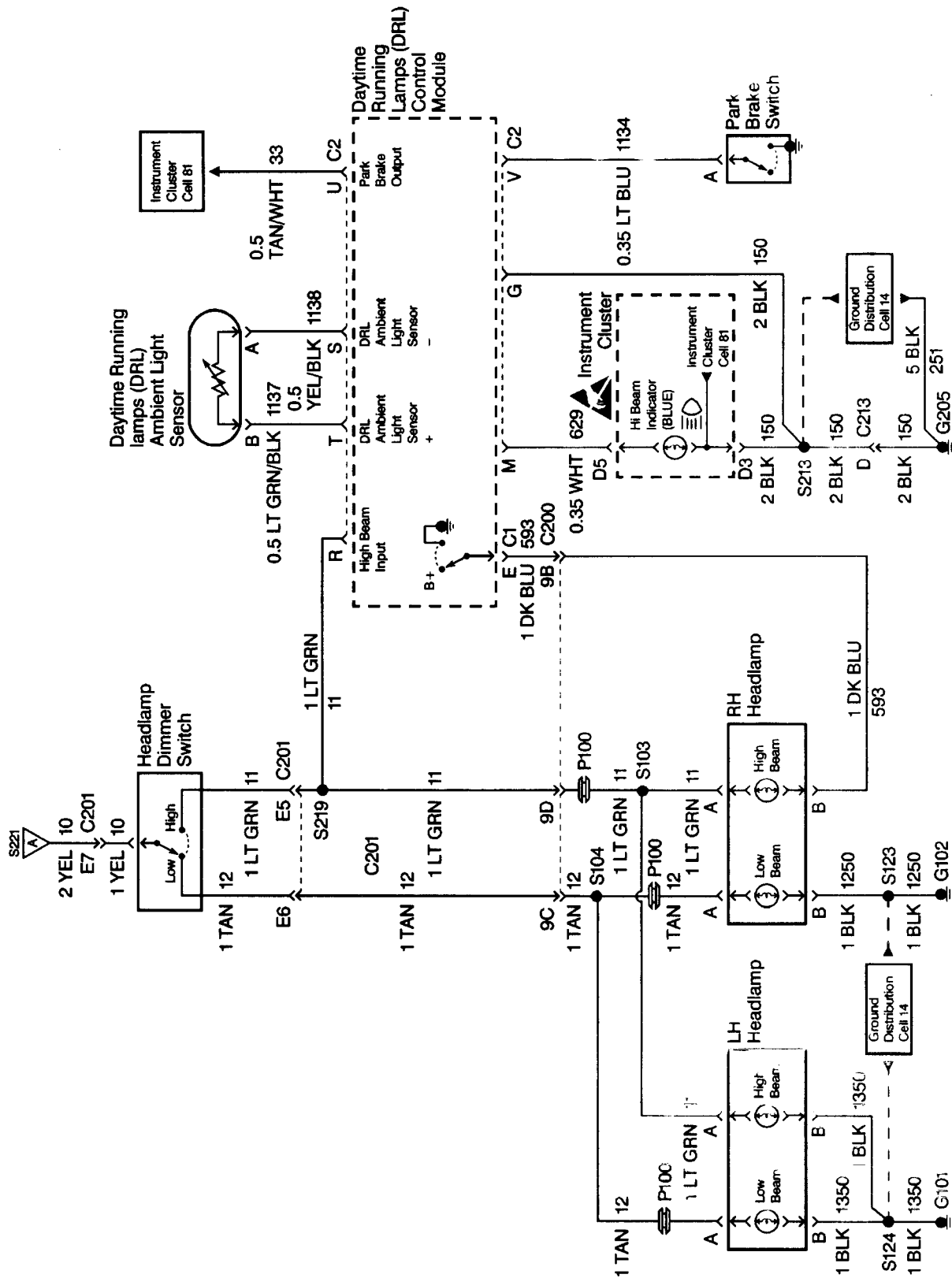
GM HEADLAMP - PART B



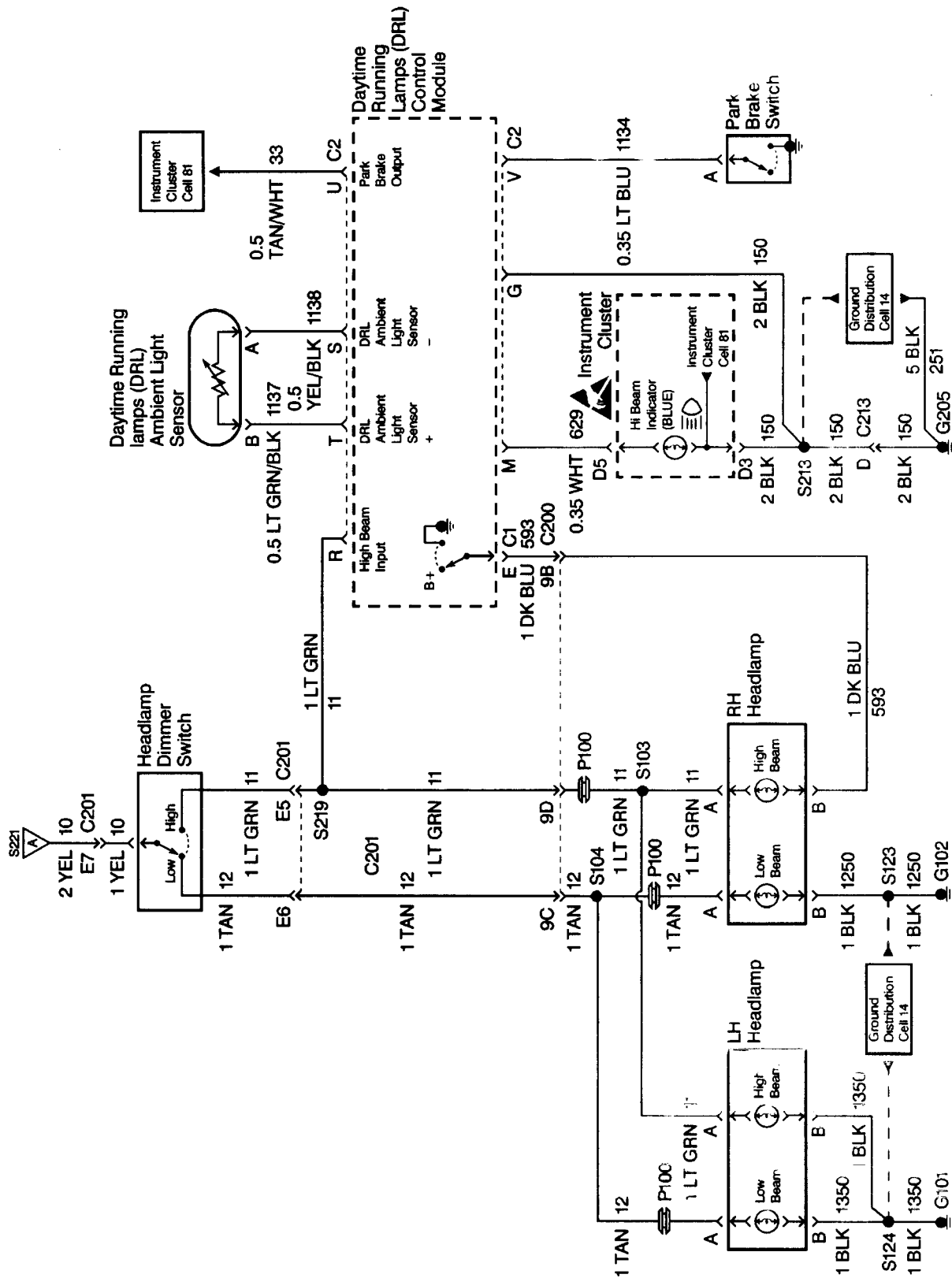
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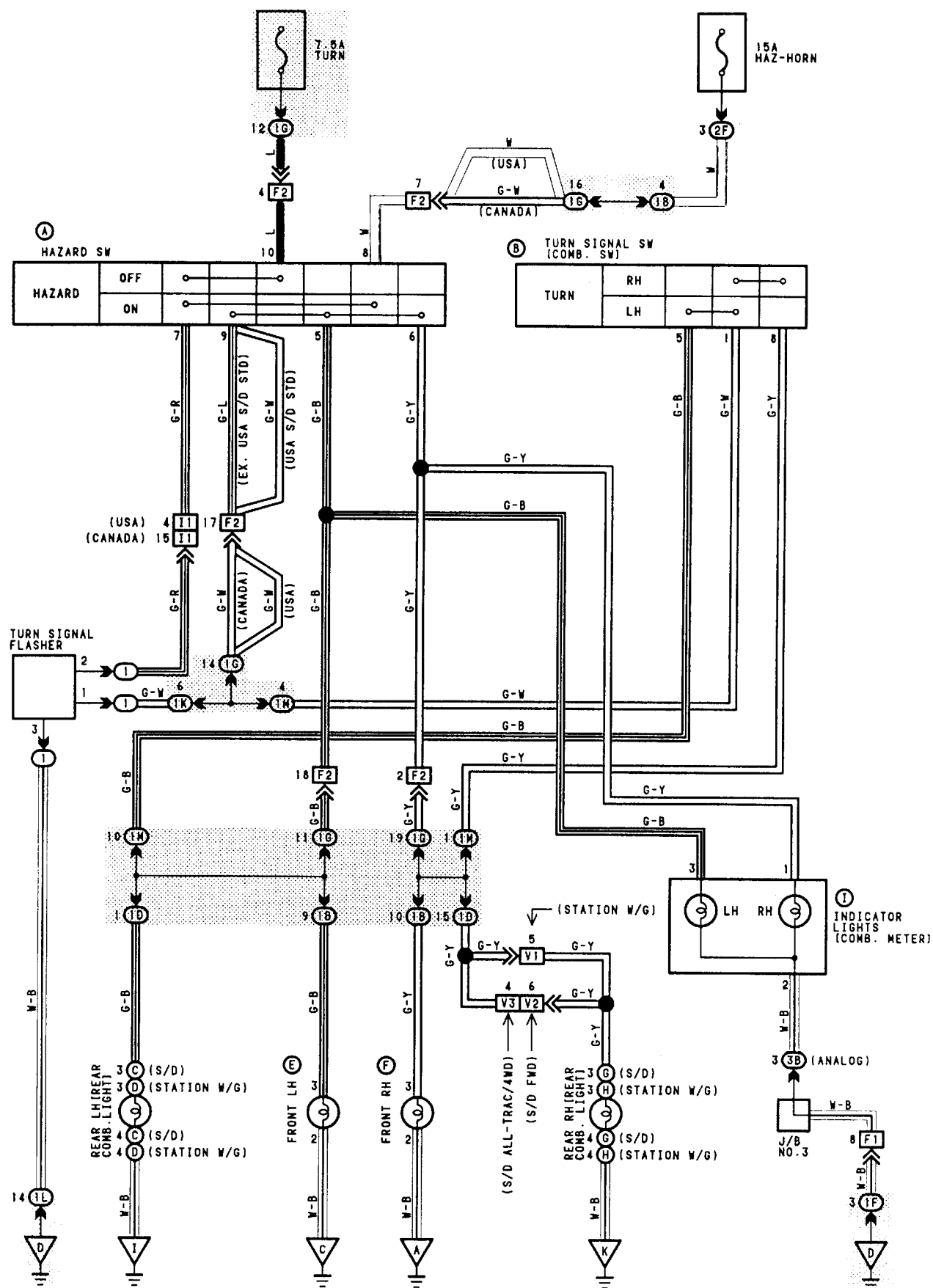
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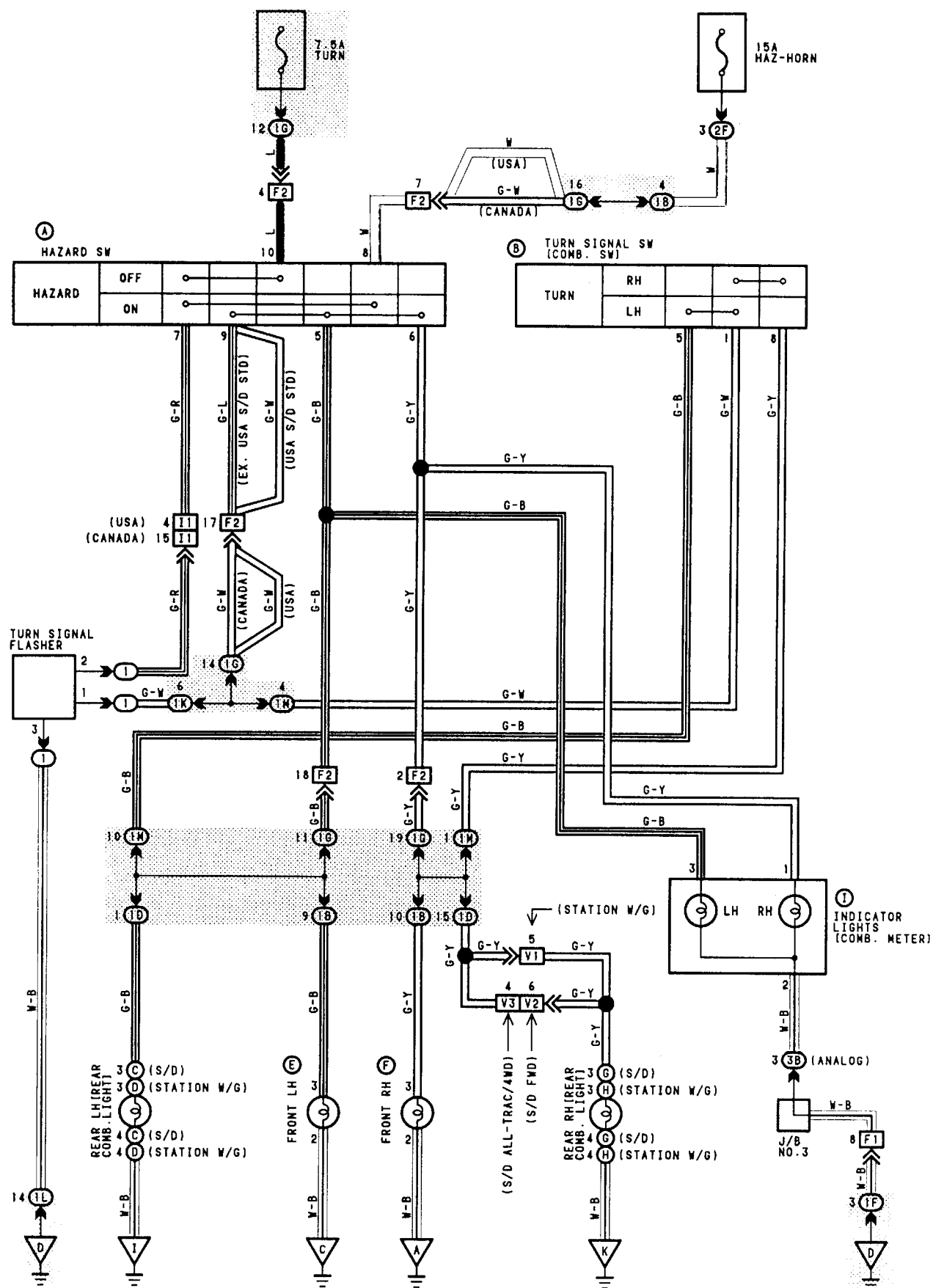
GM HEADLAMP - PART B



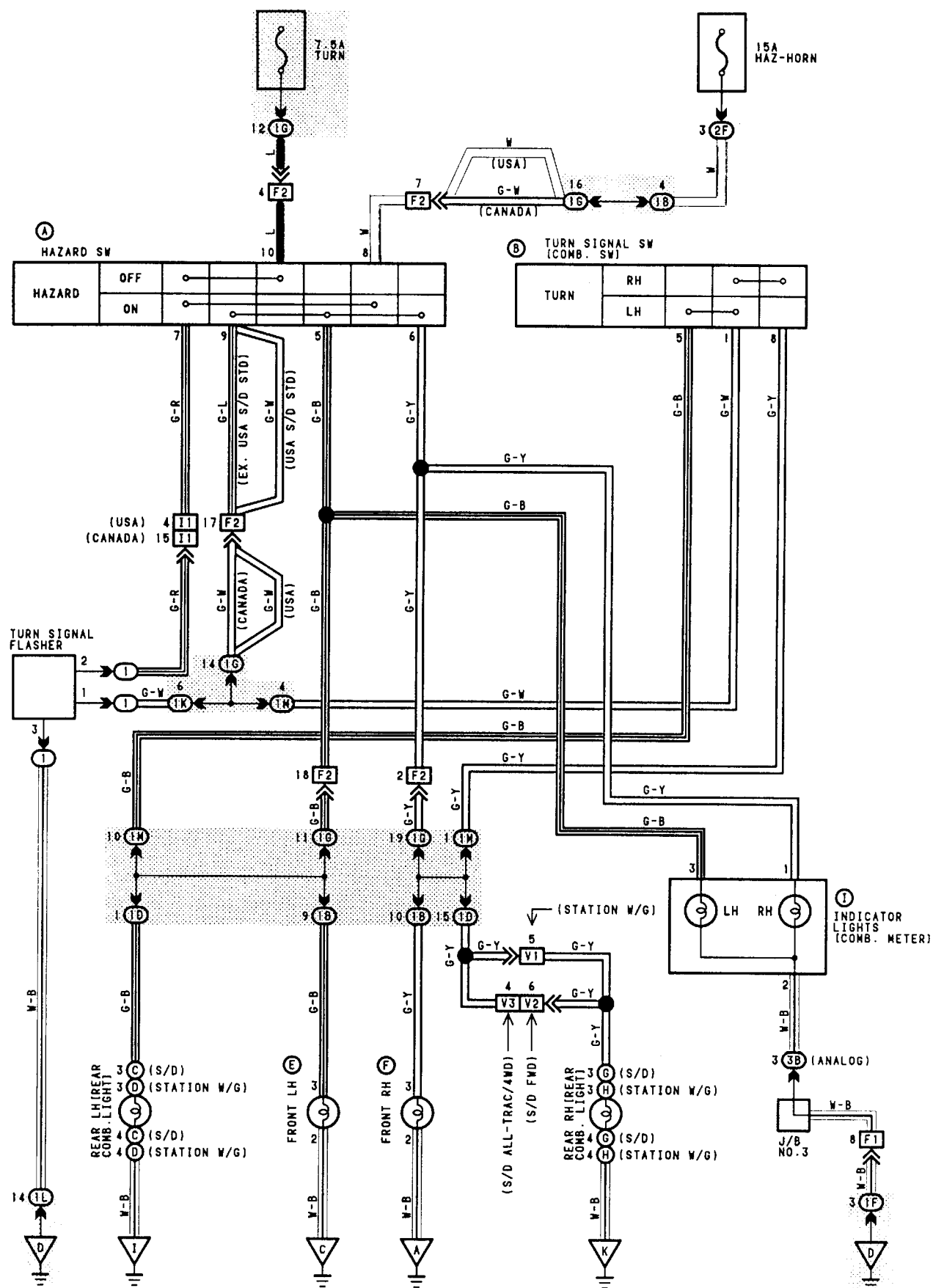
TOYOTA TURNSIGNAL / HAZARD LAMPS



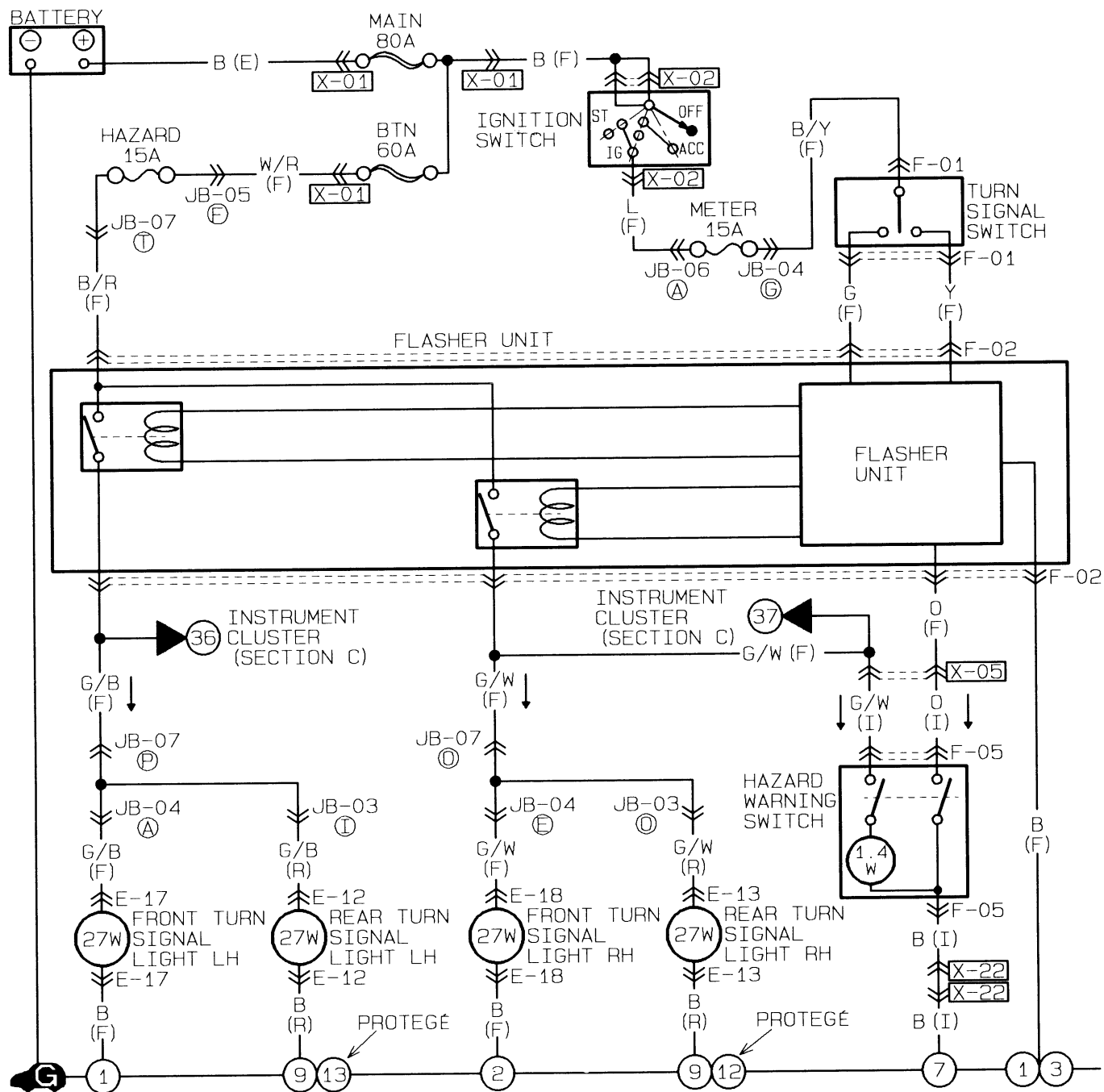
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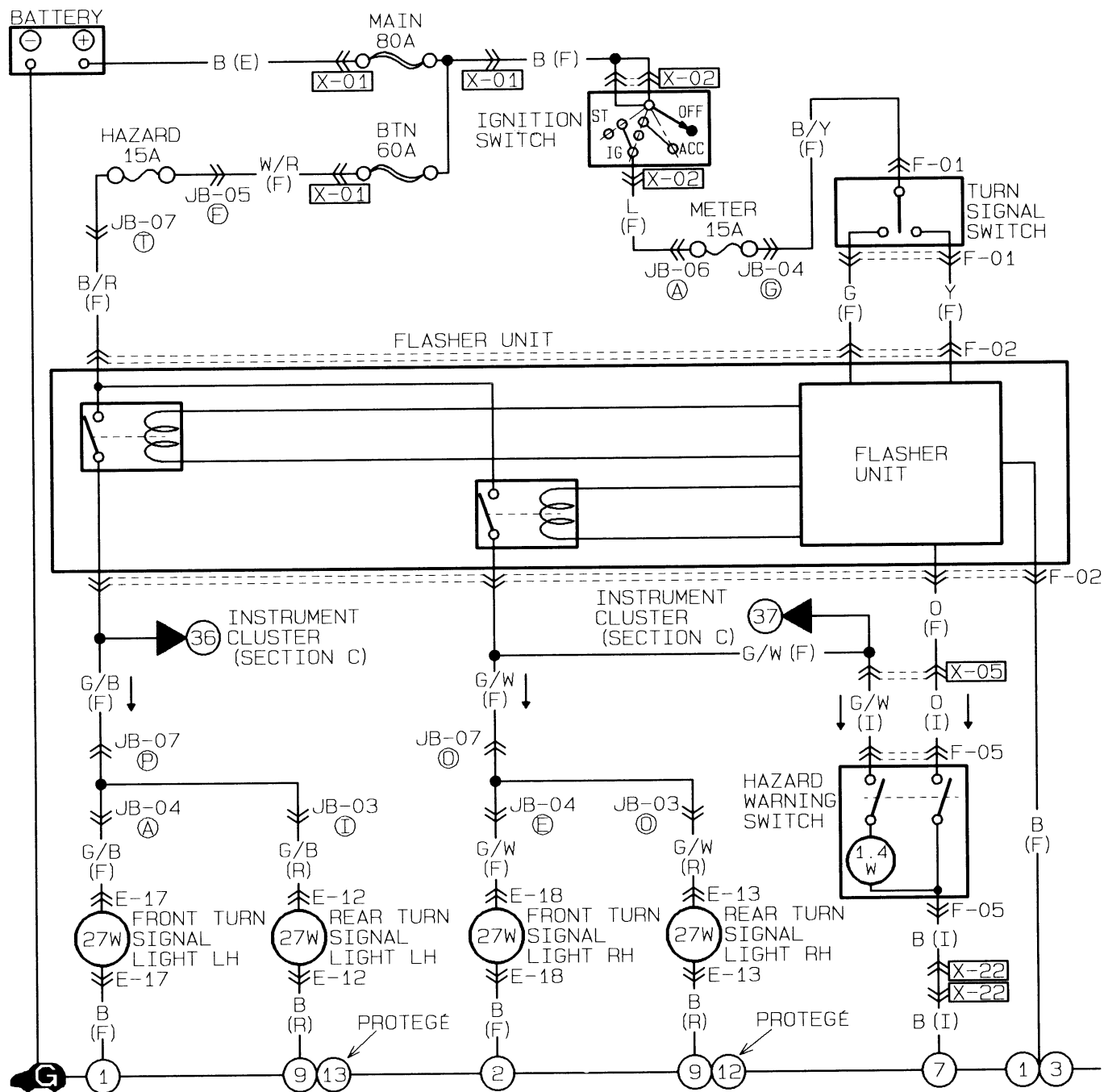
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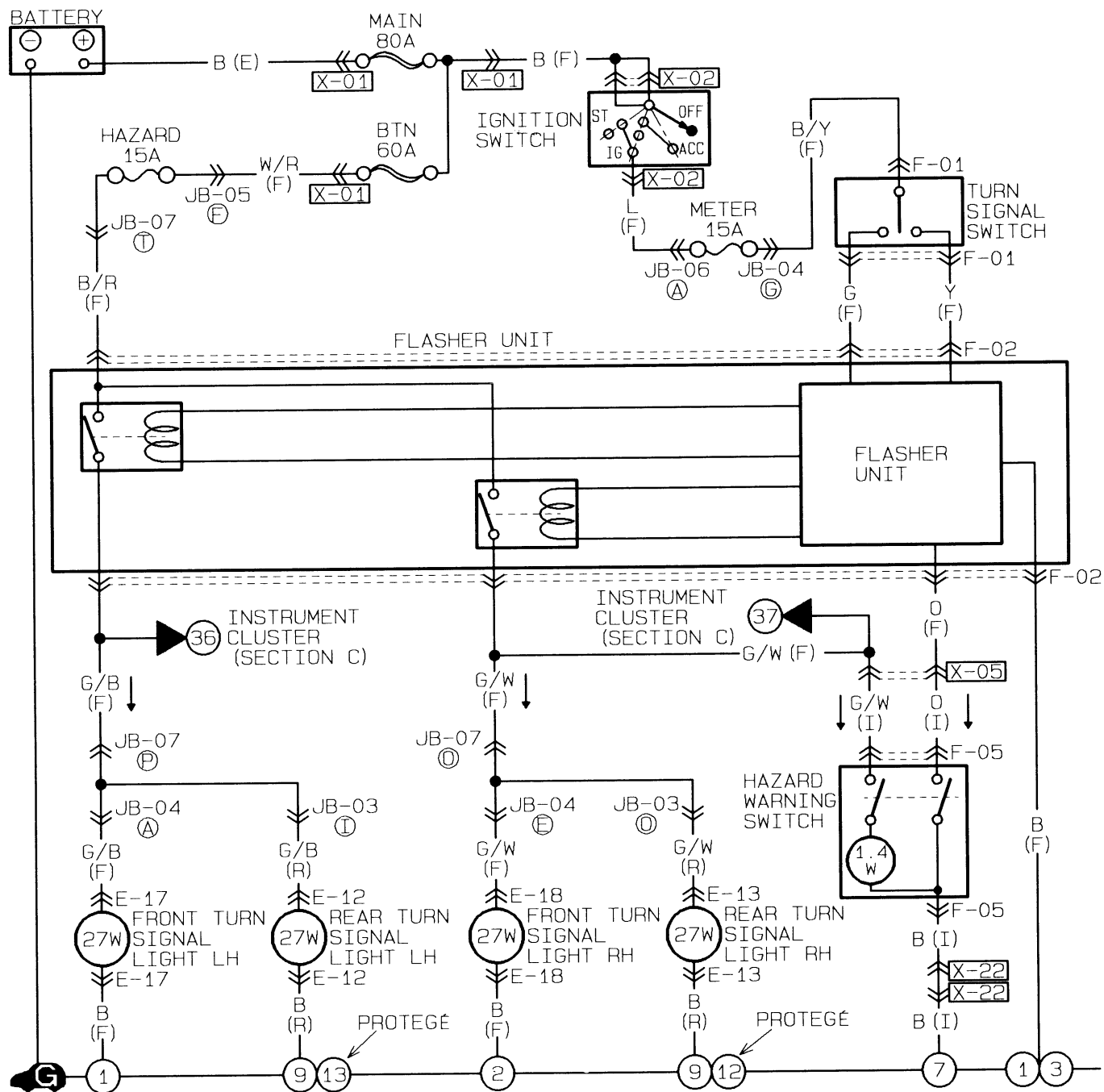
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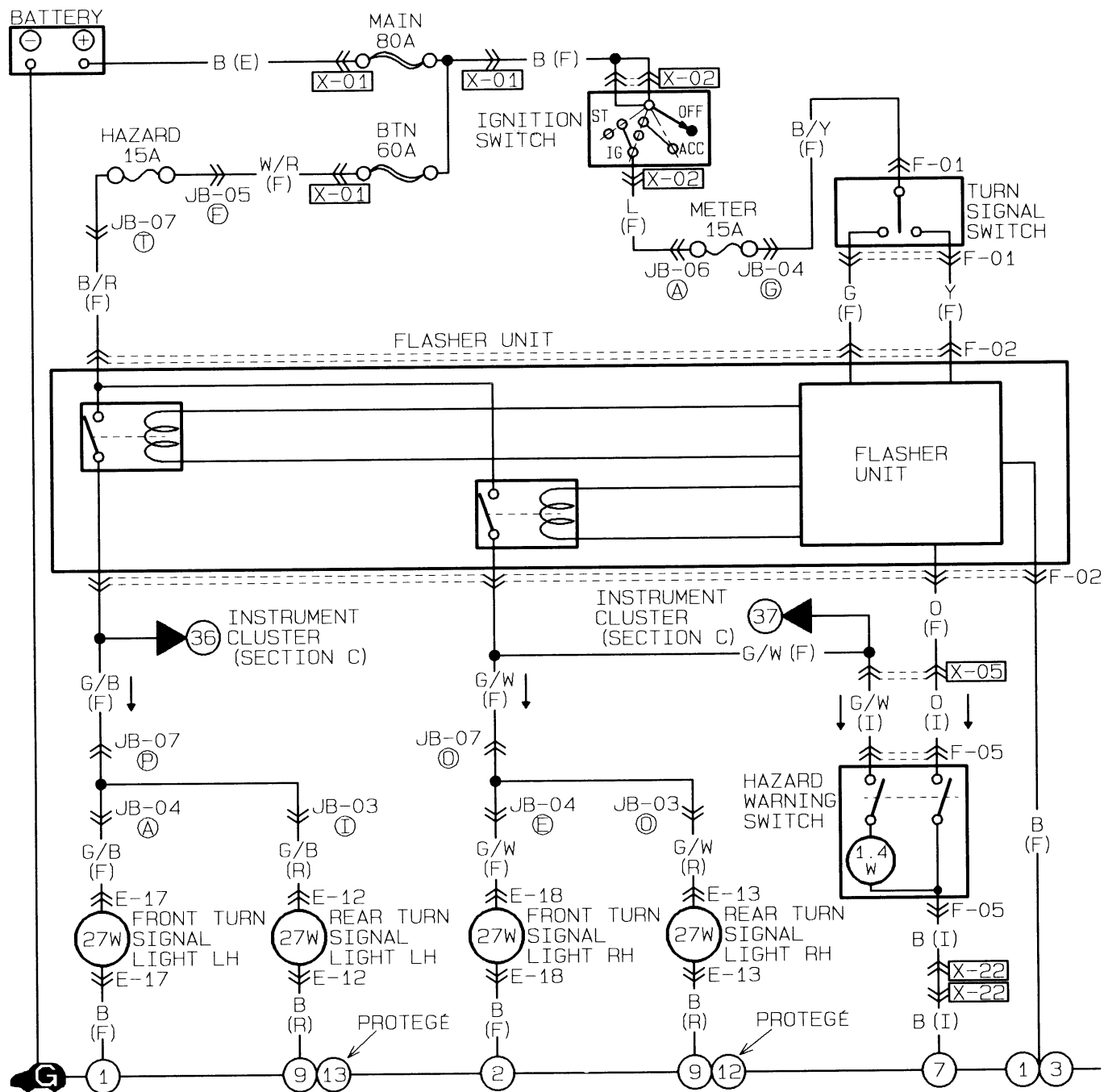
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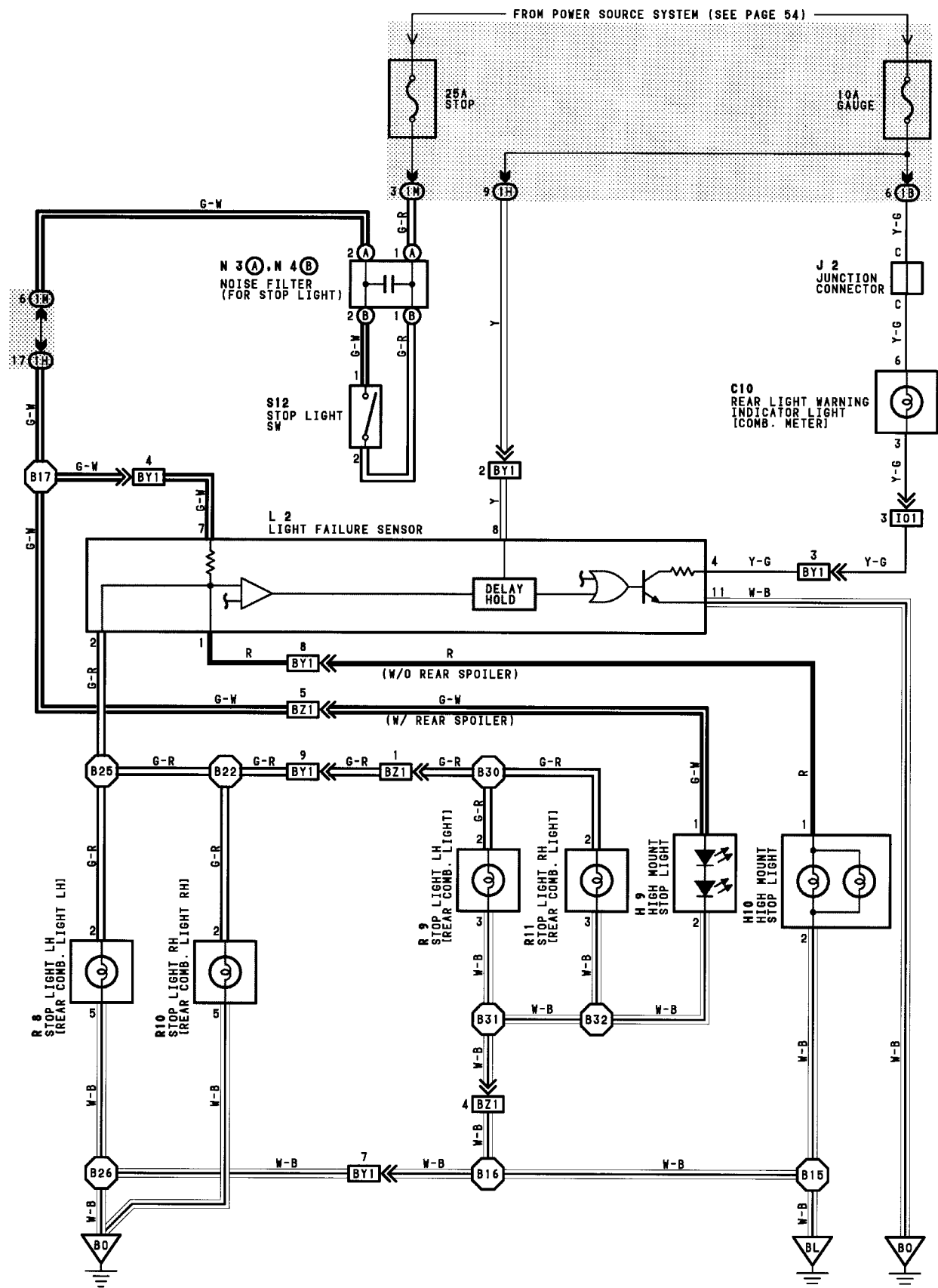
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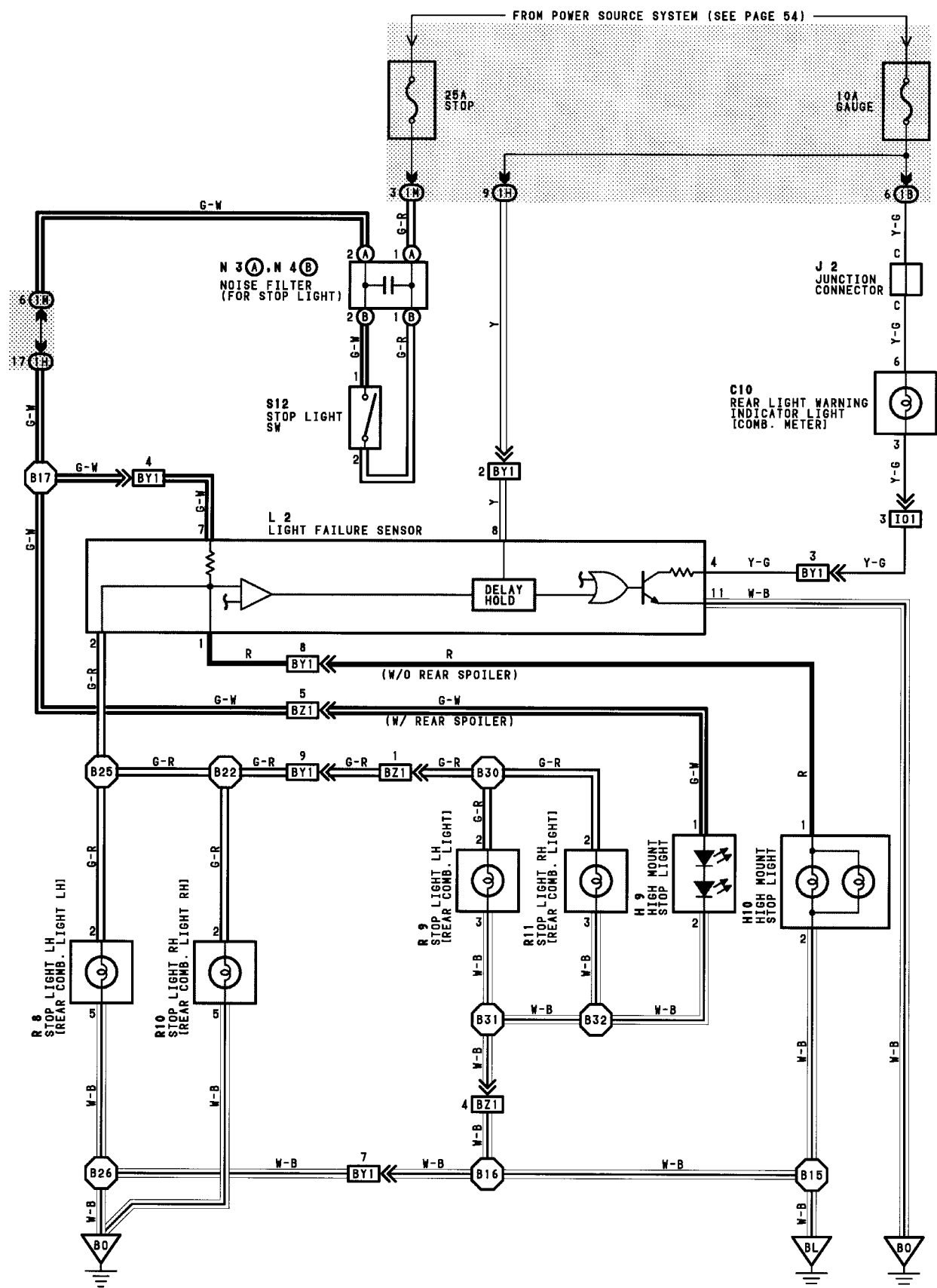
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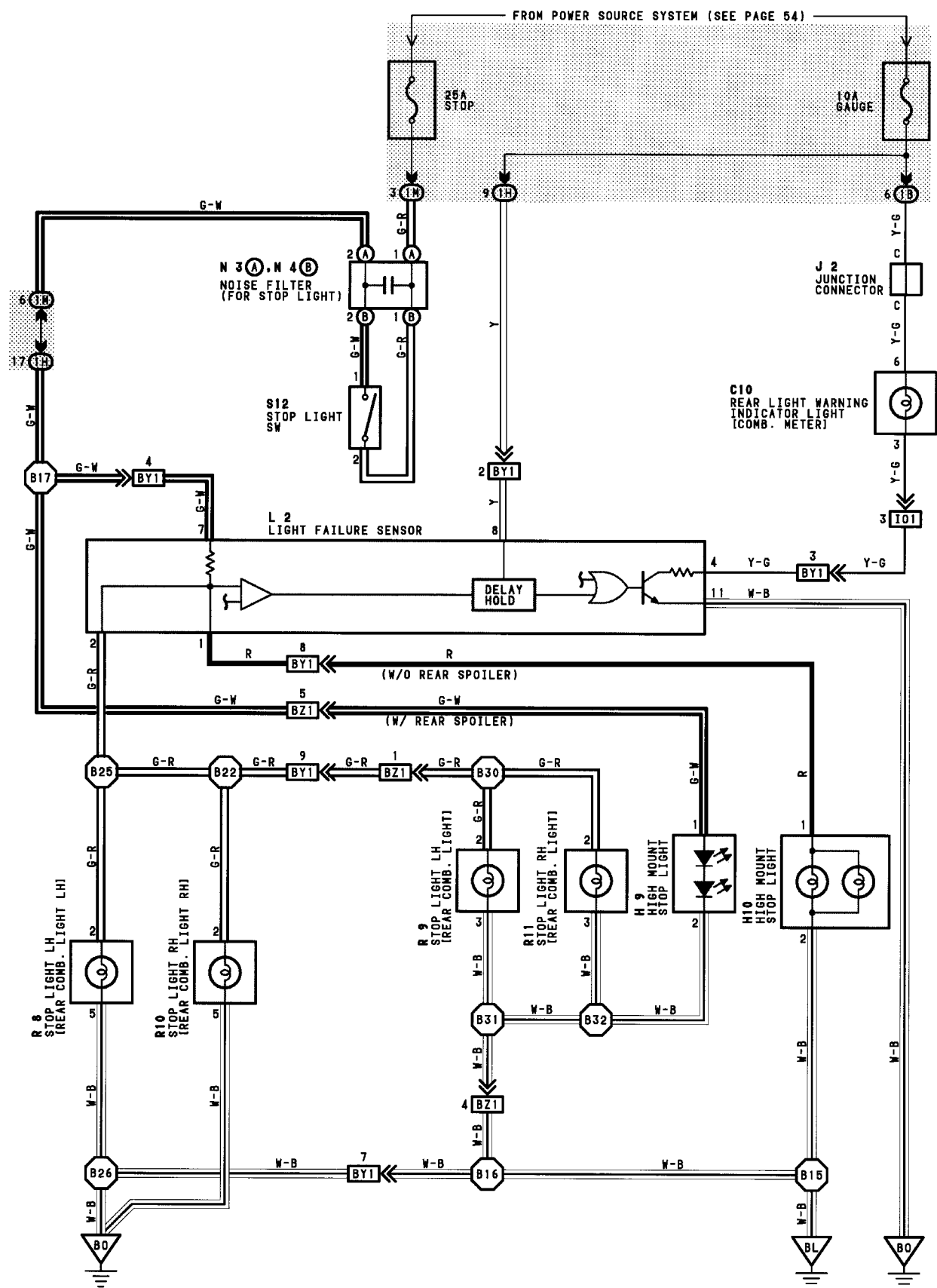
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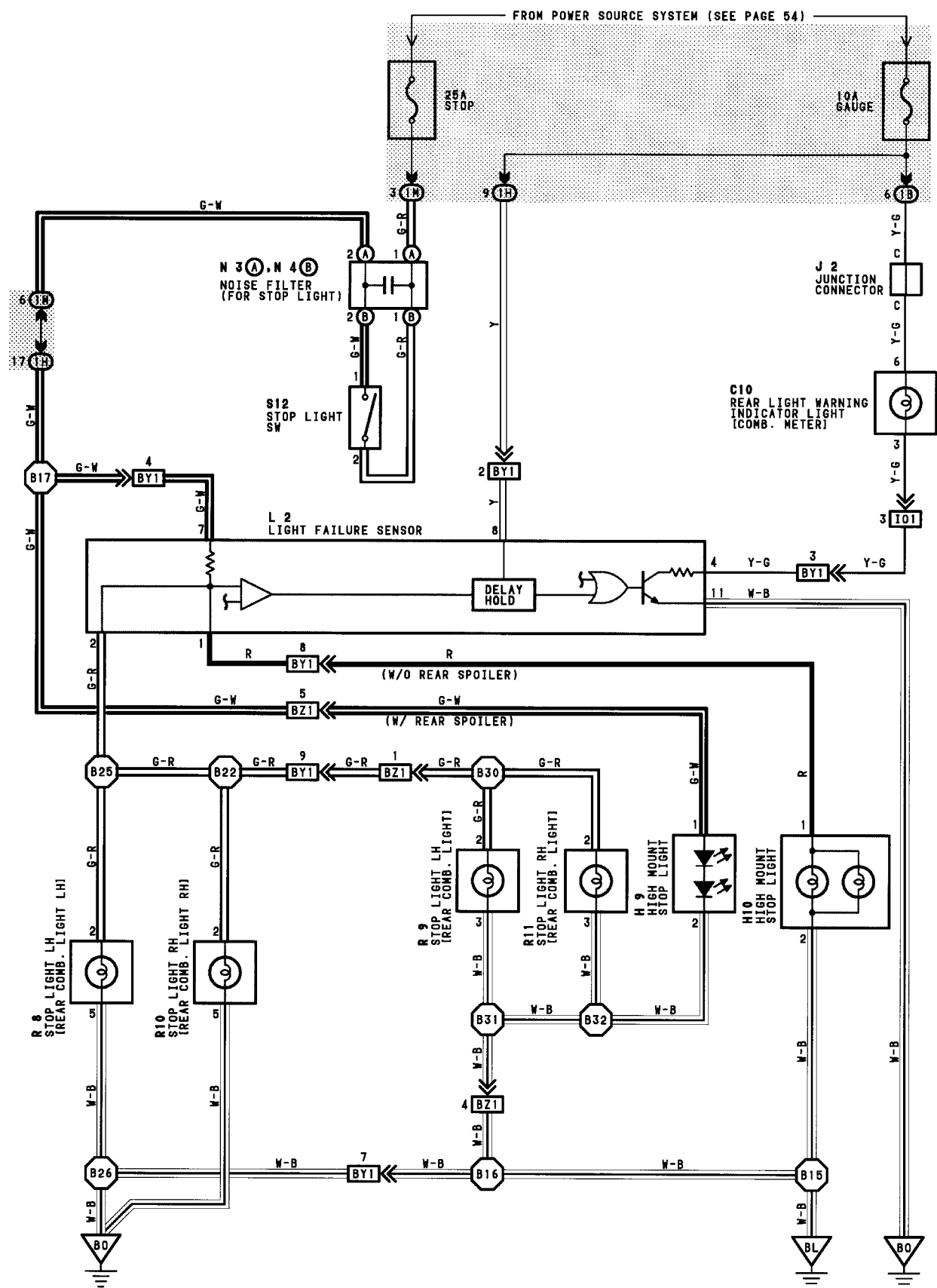
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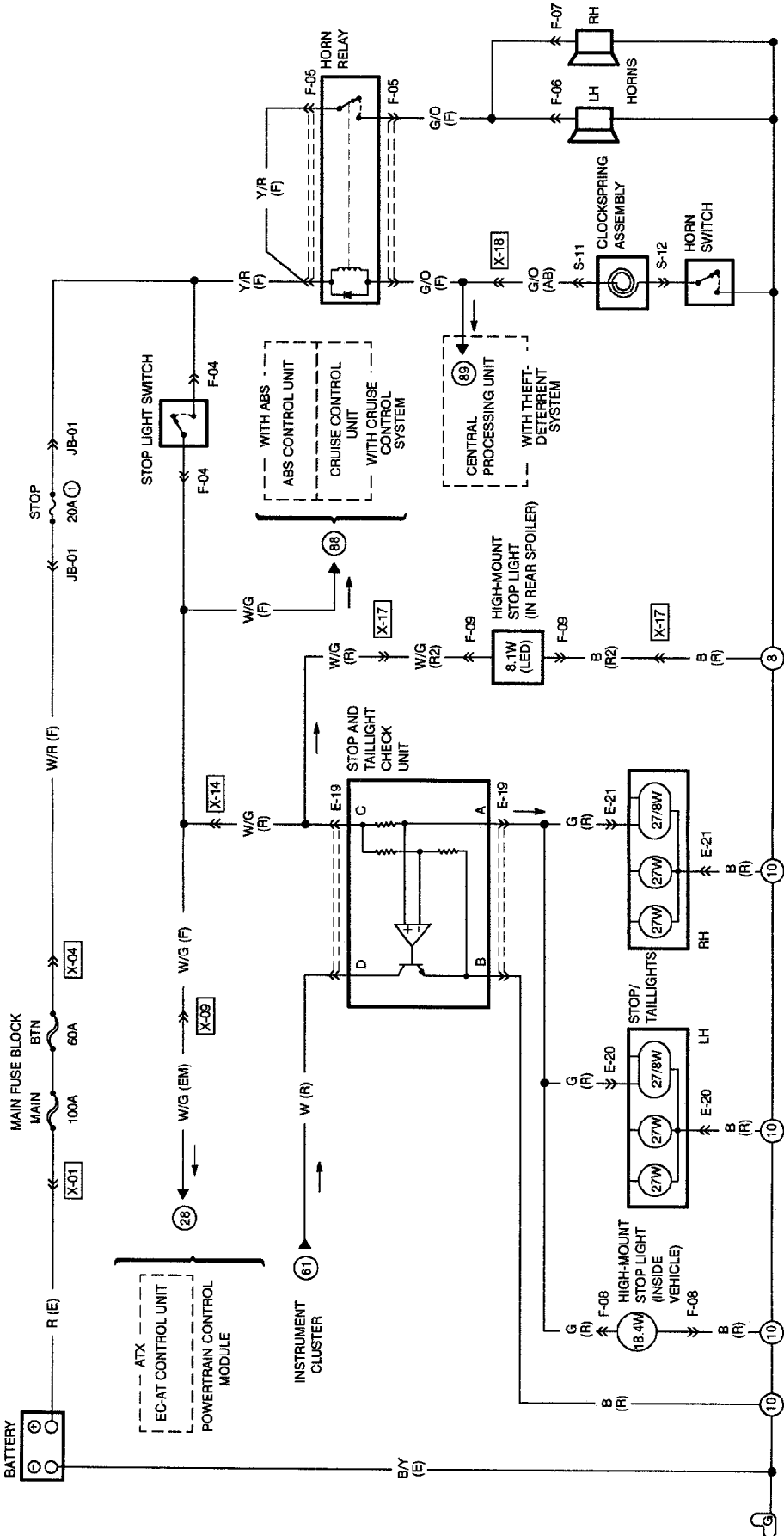


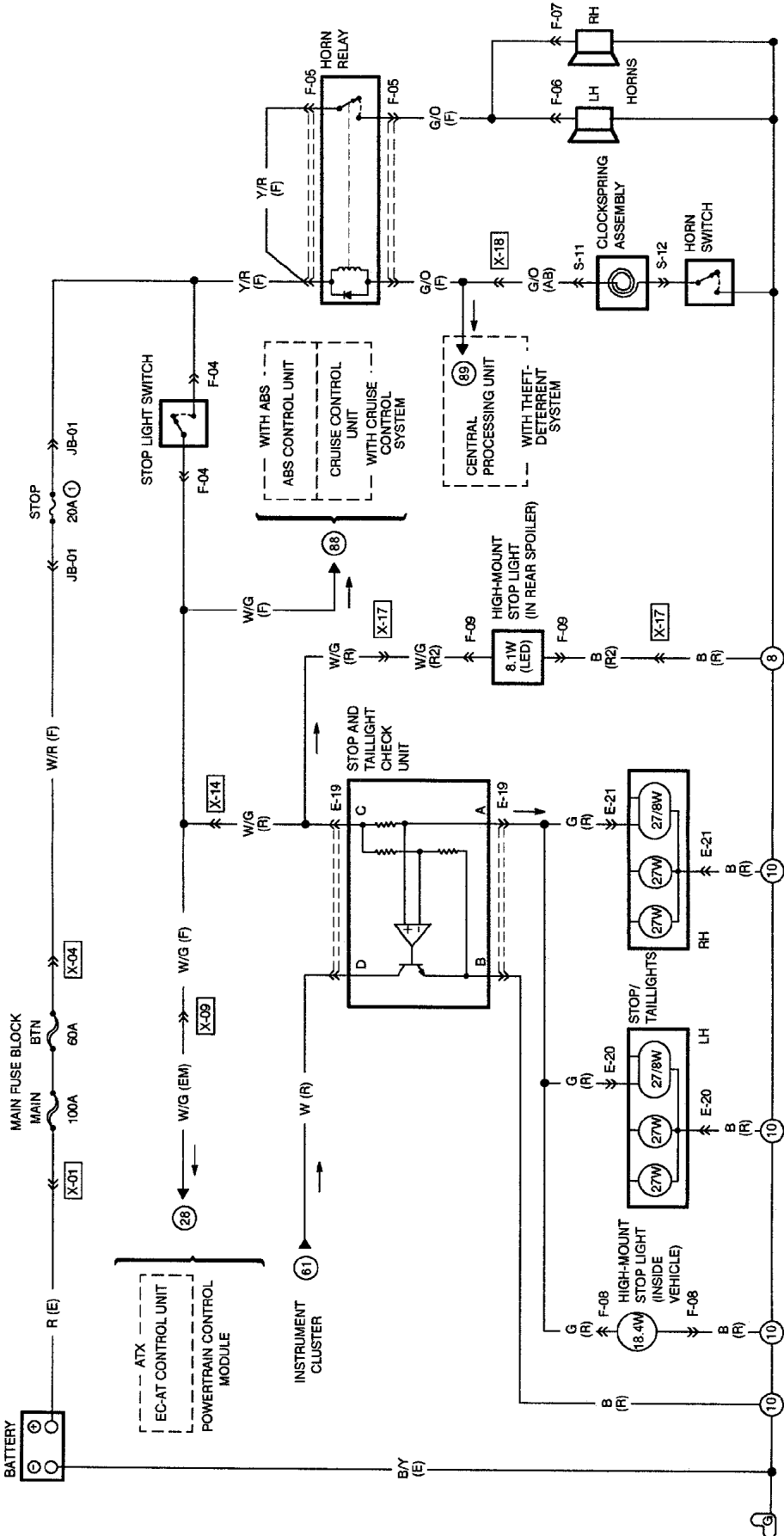
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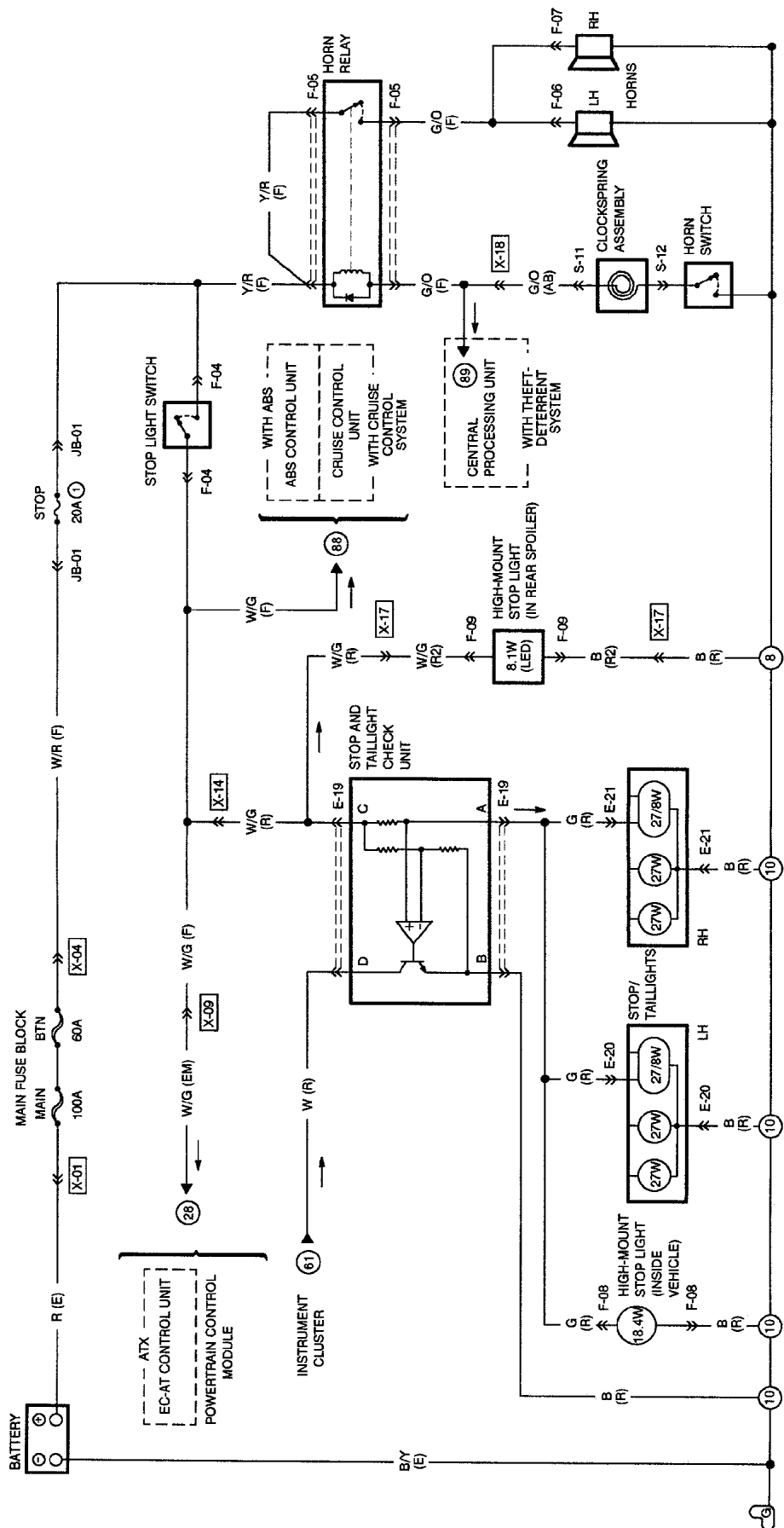
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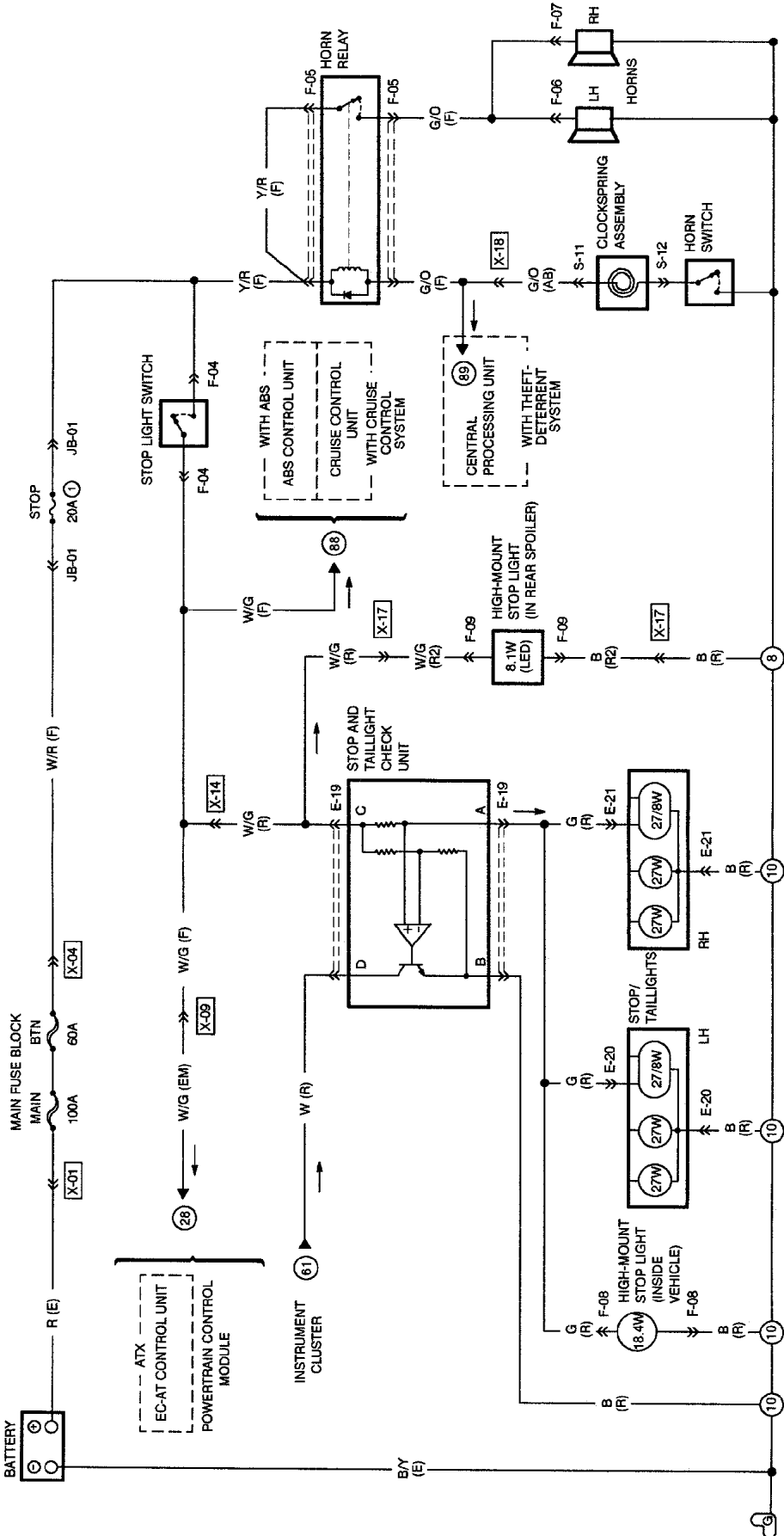




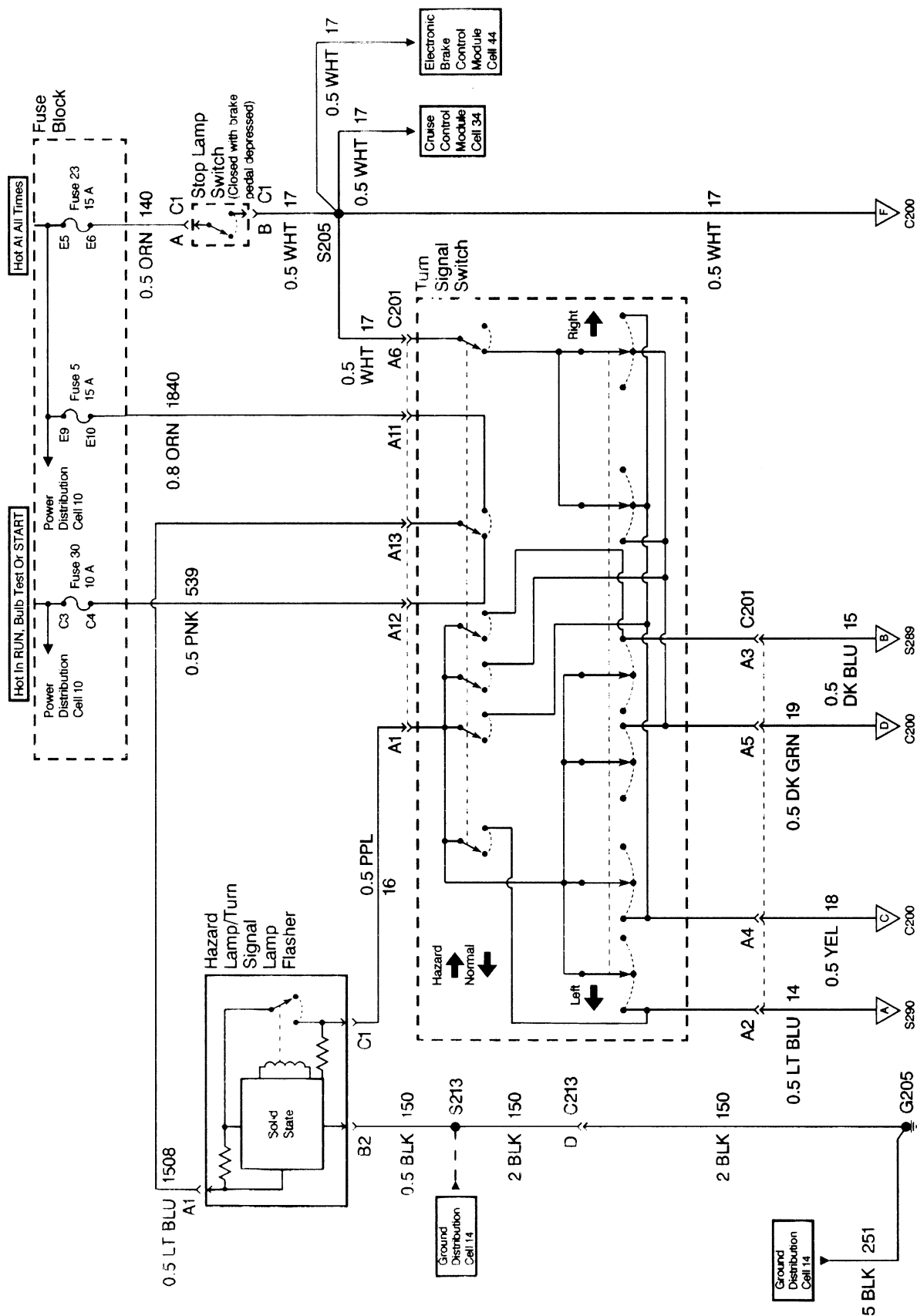


MAZDA STOPLAMP W/LAMP MODULE

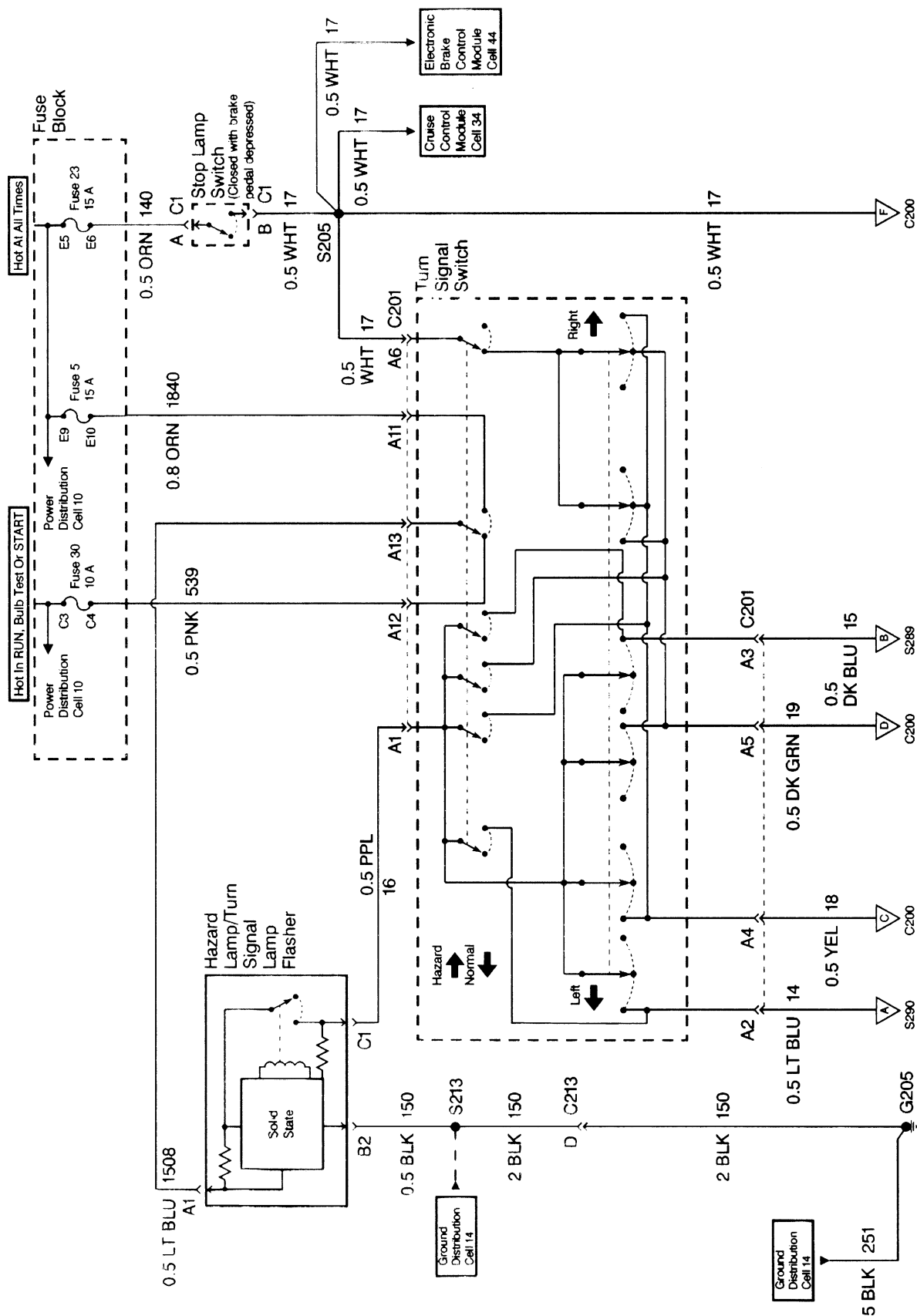




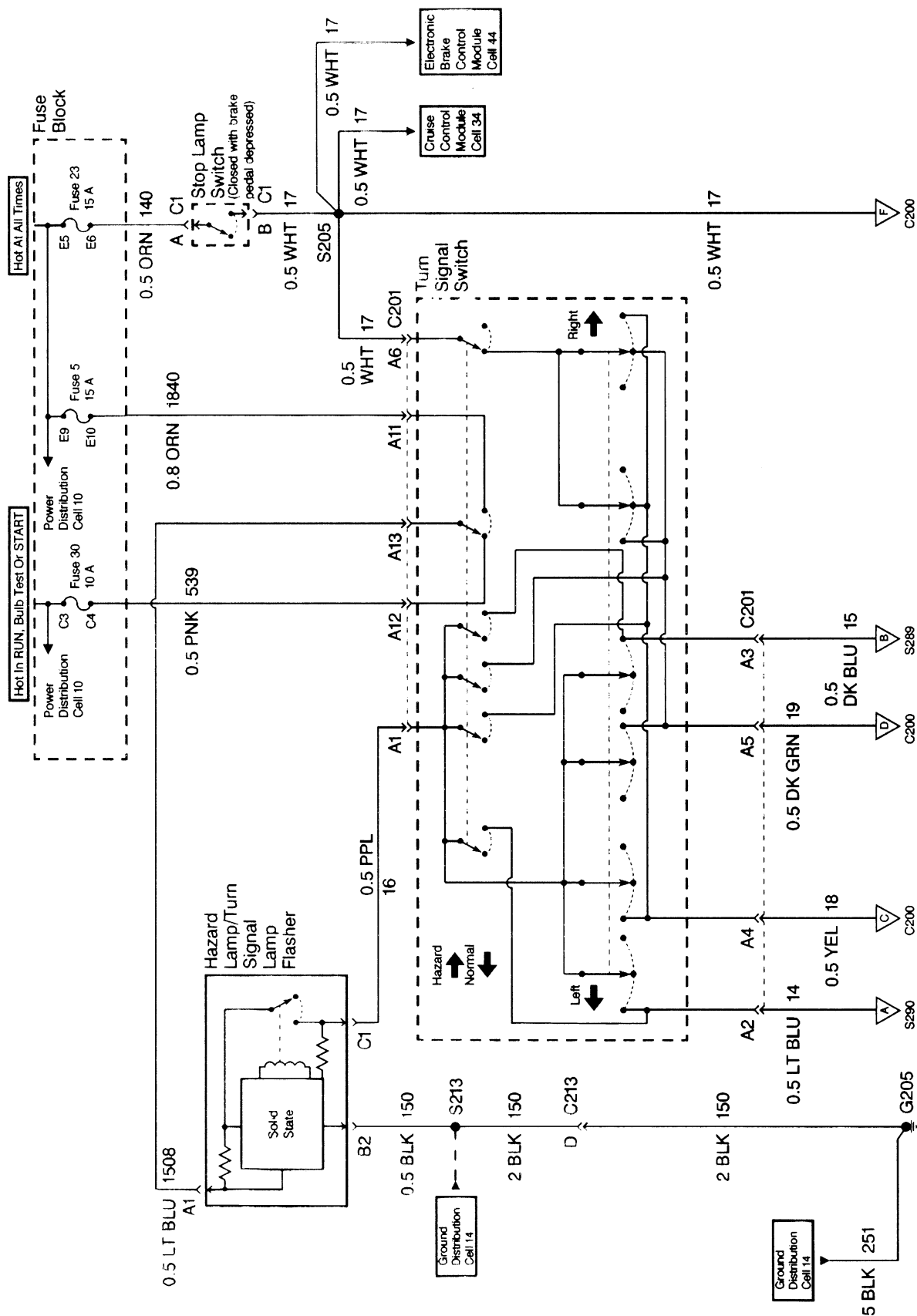
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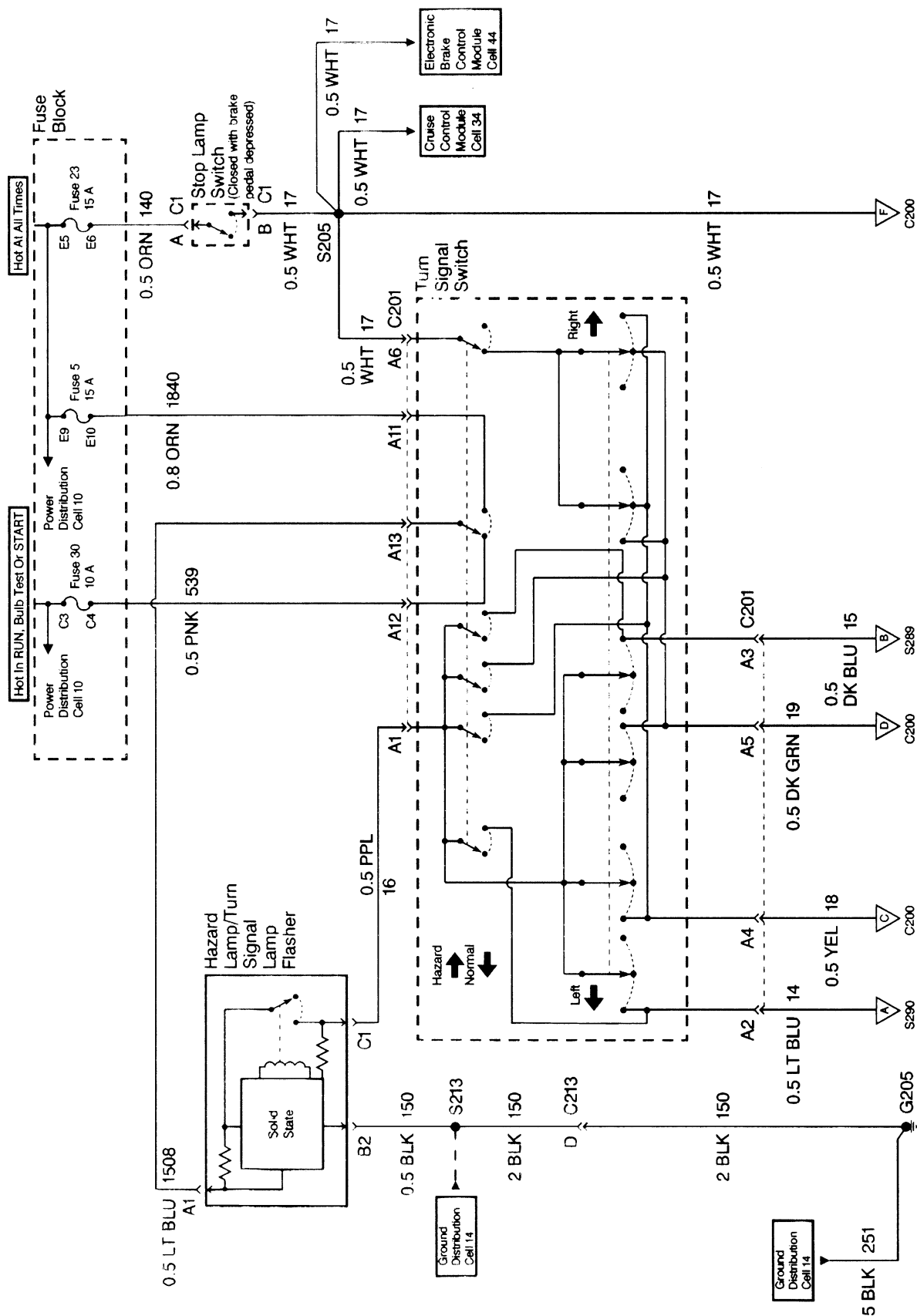
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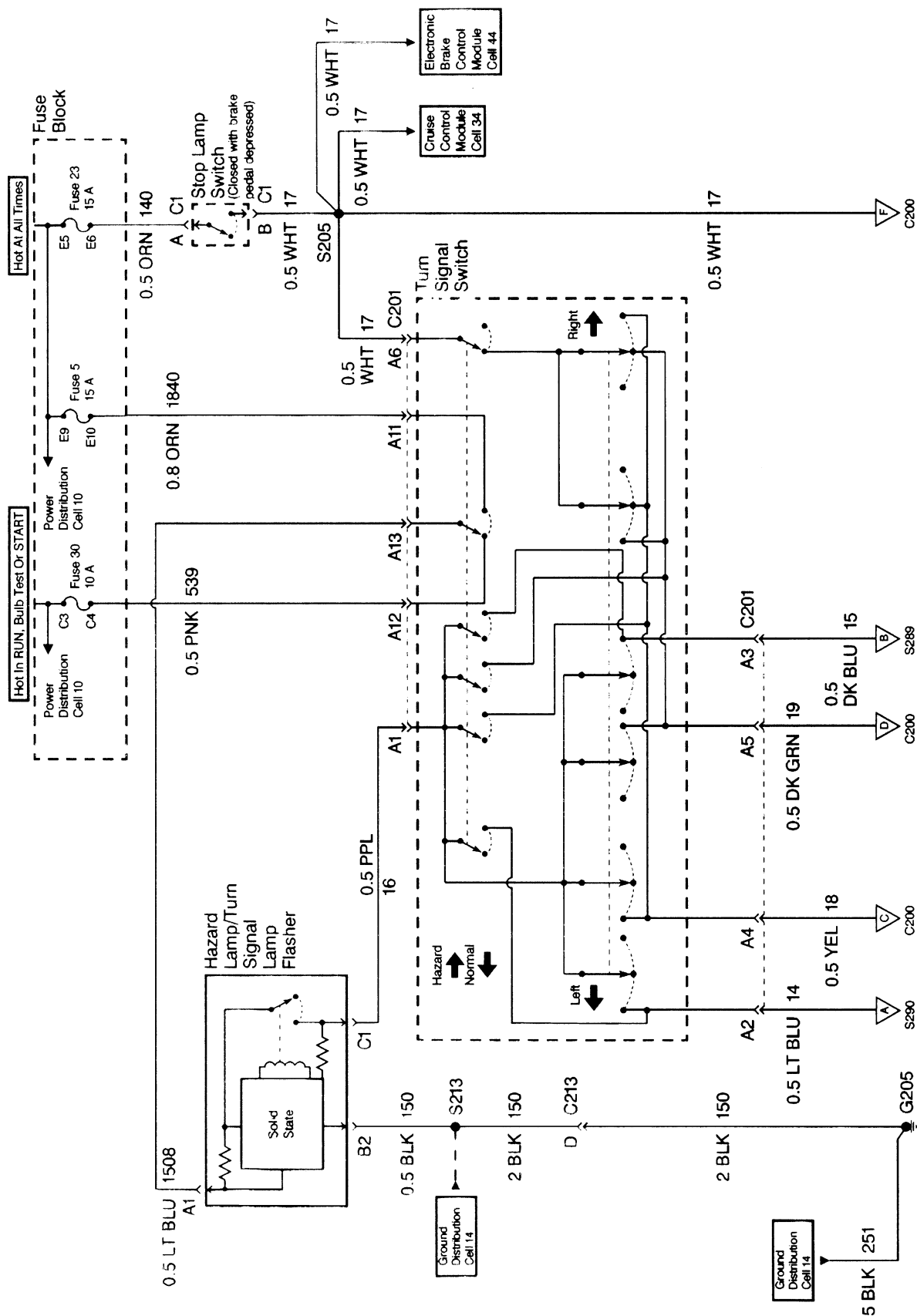
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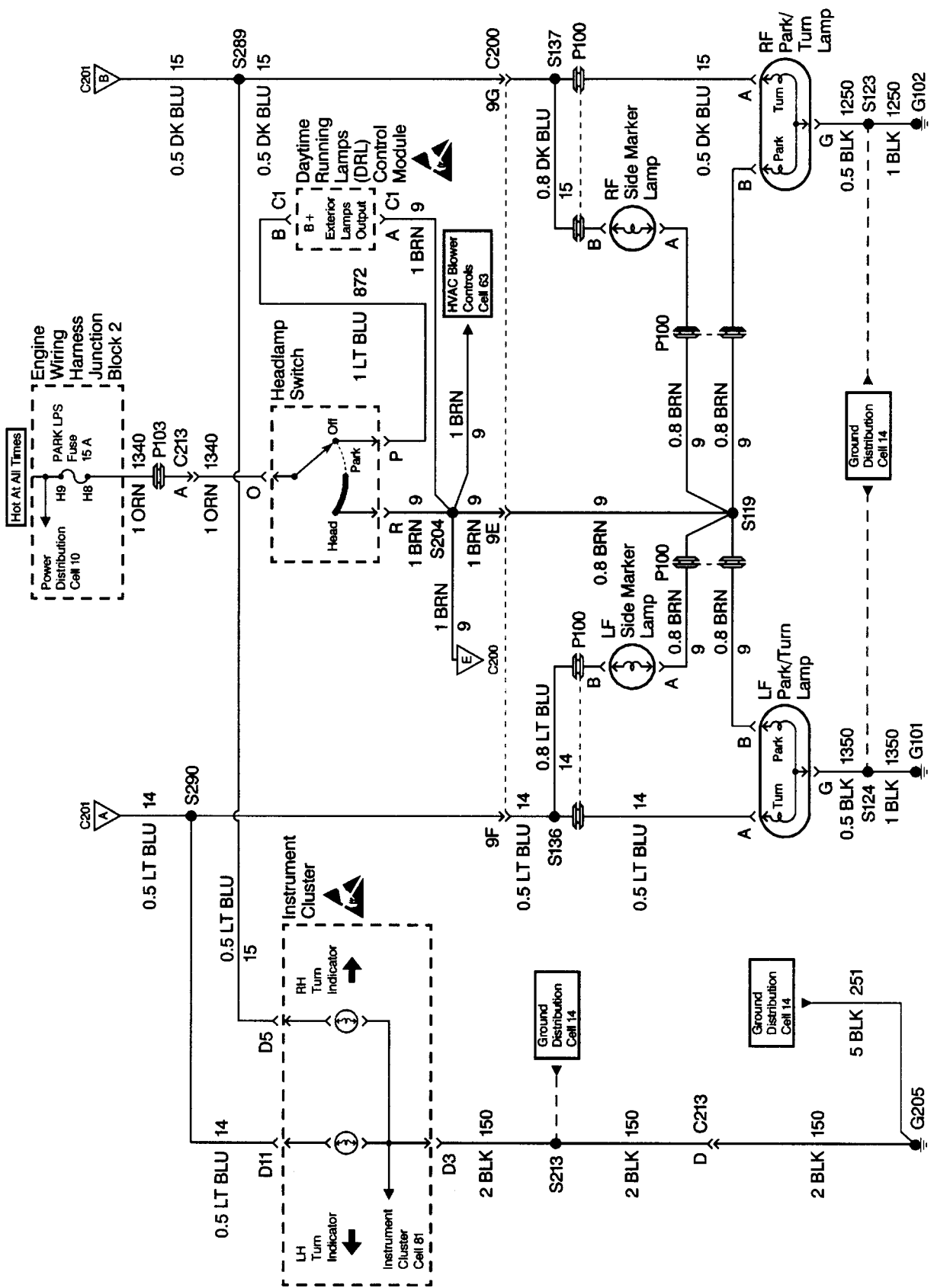
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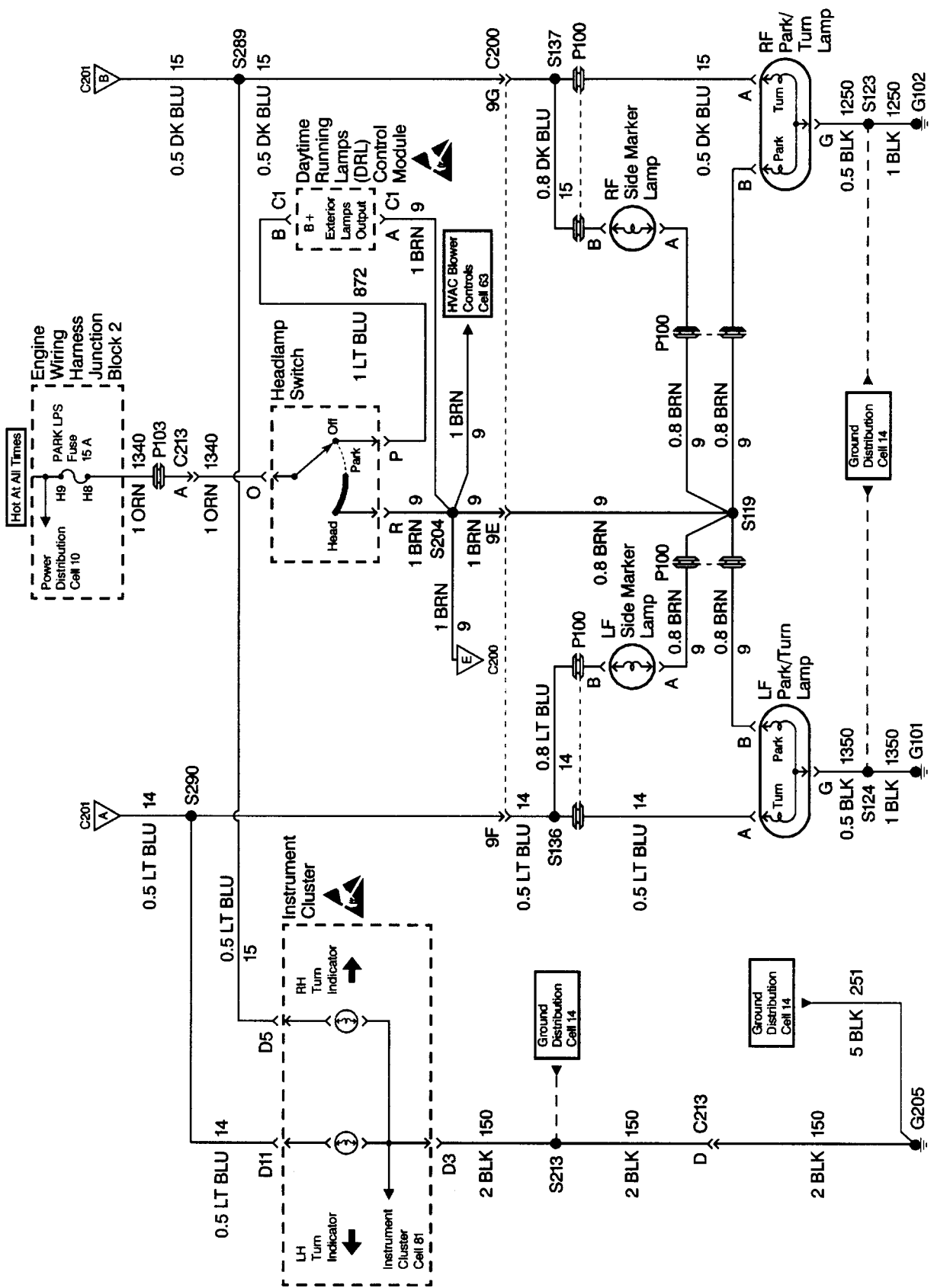
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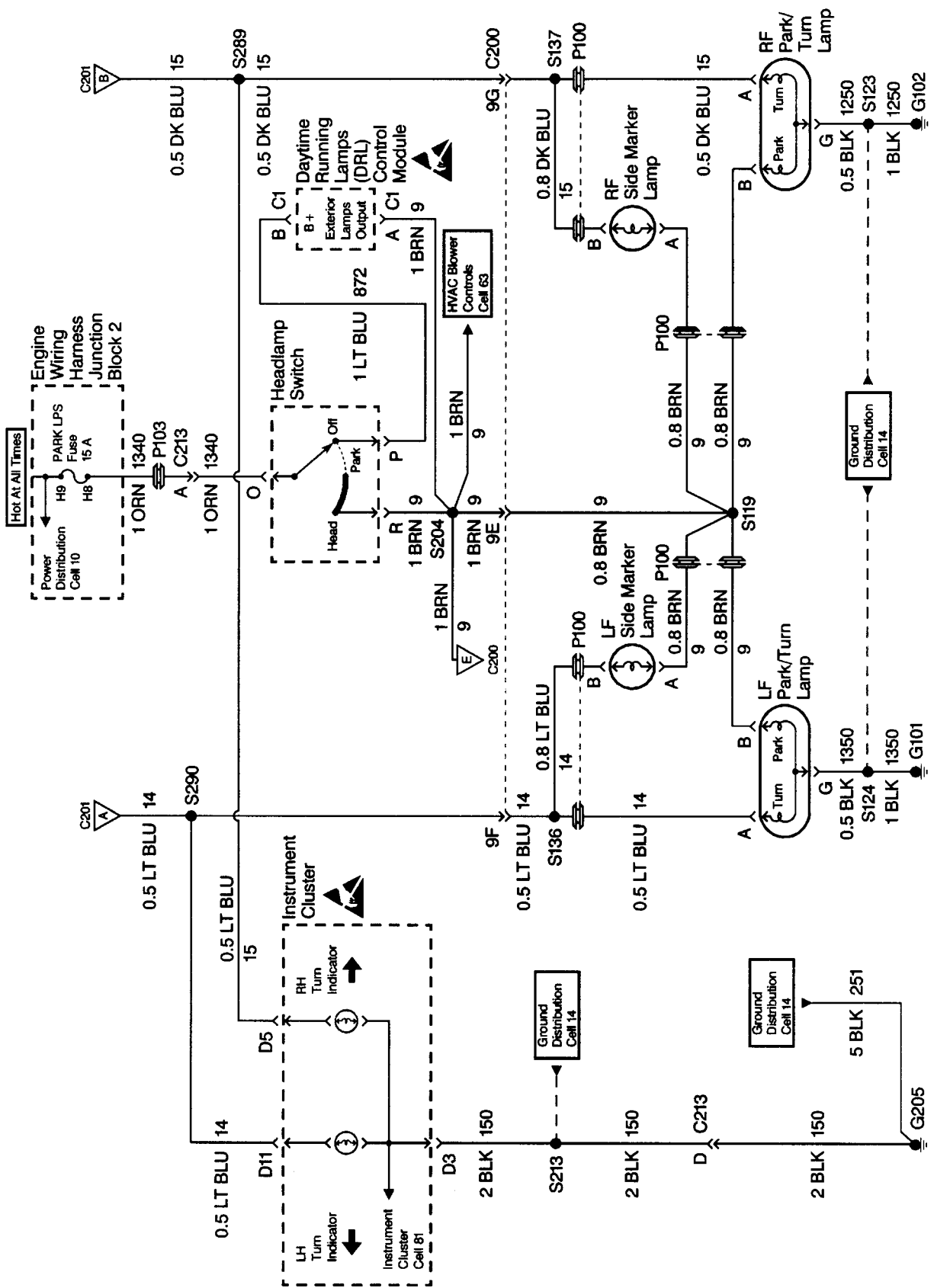
GM EXTERIOR LIGHTS - PART B



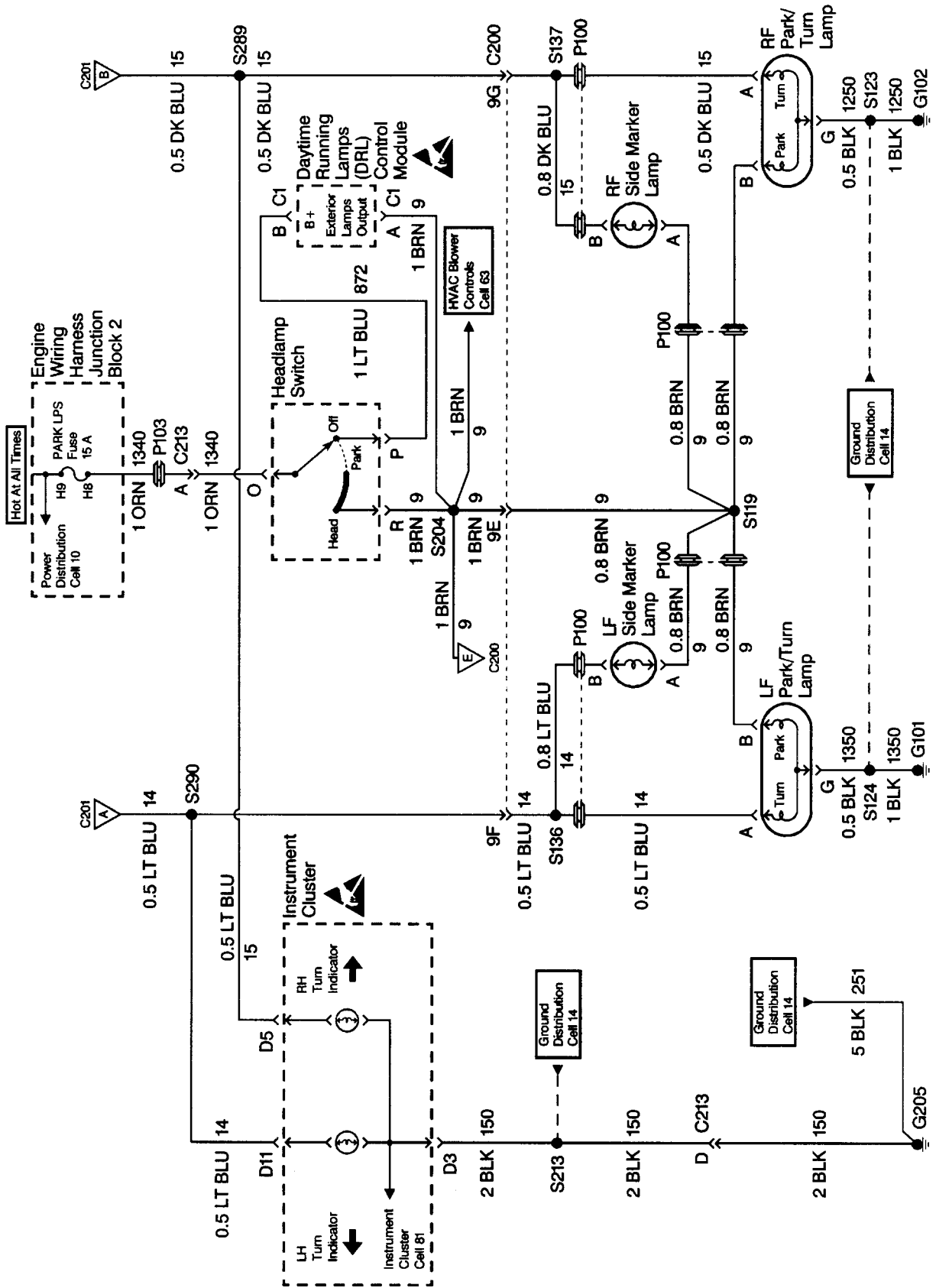
GM EXTERIOR LIGHTS - PART B



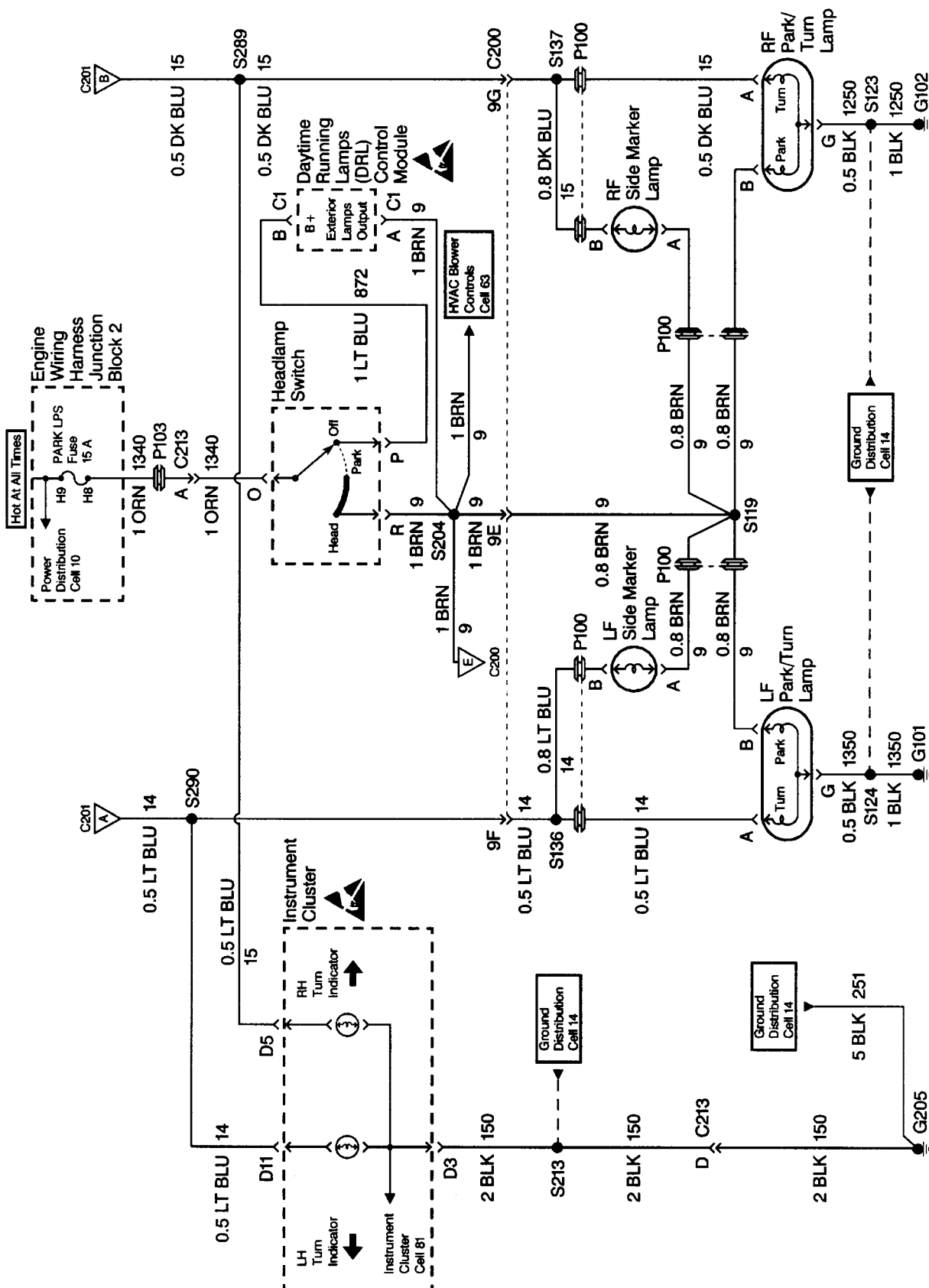
GM EXTERIOR LIGHTS - PART B



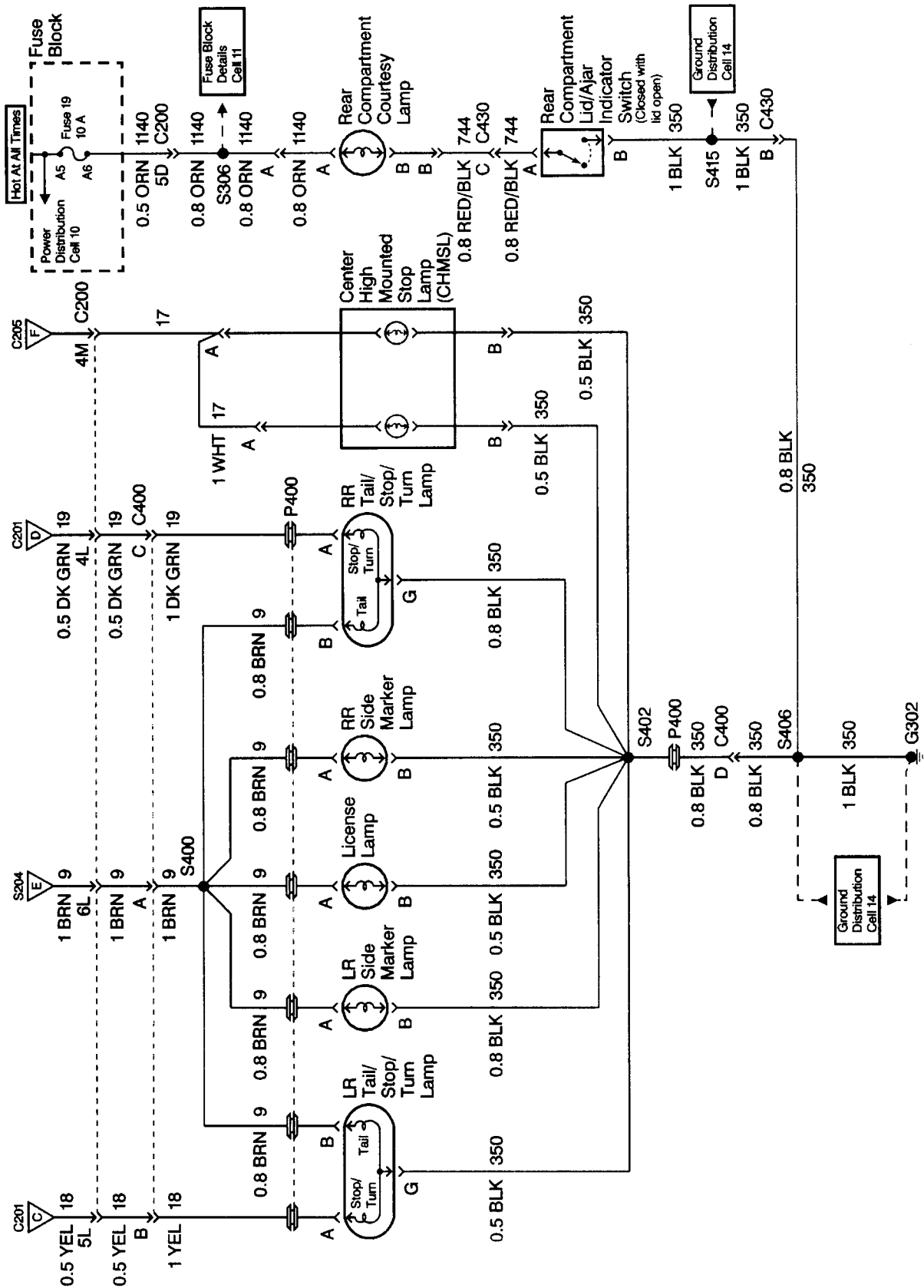
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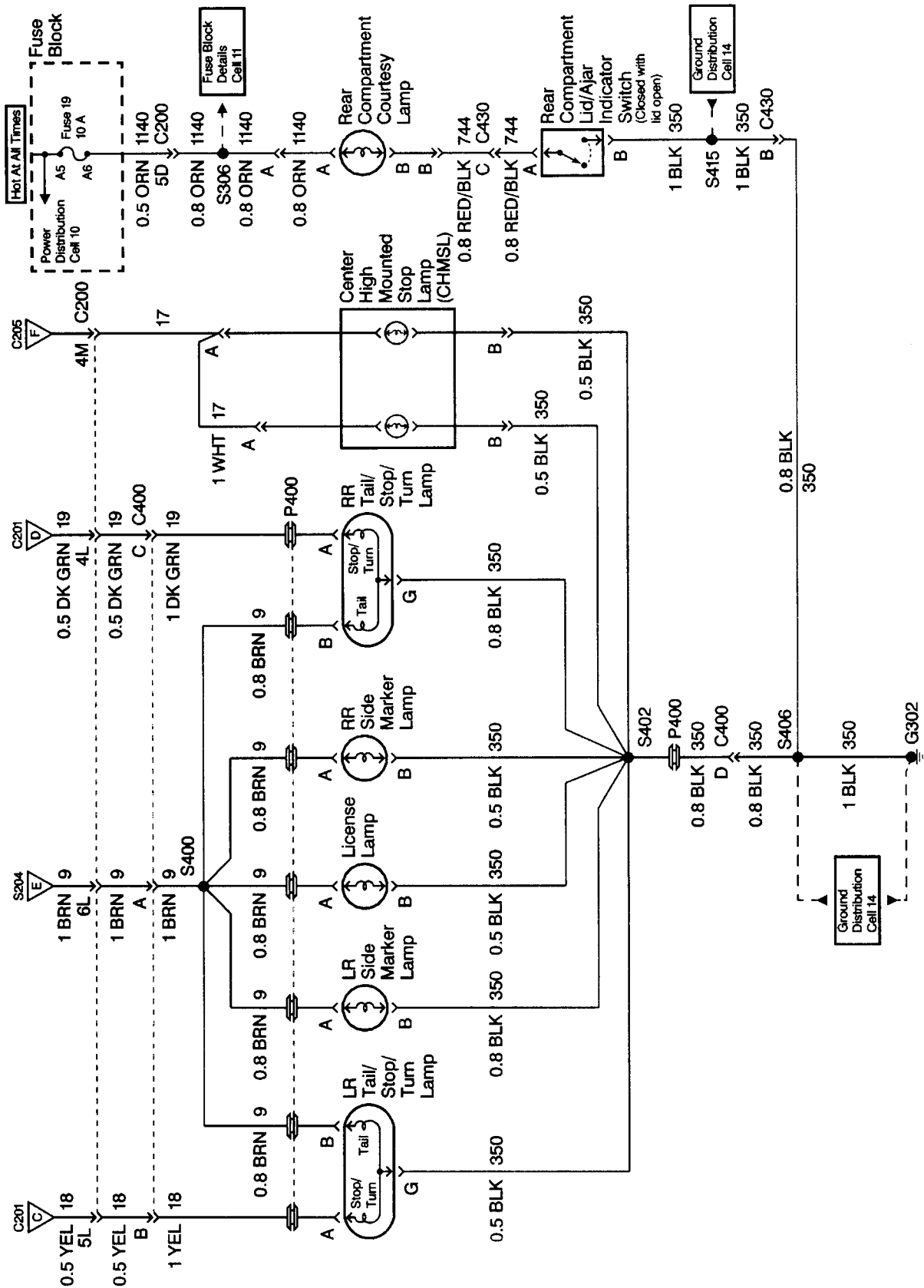
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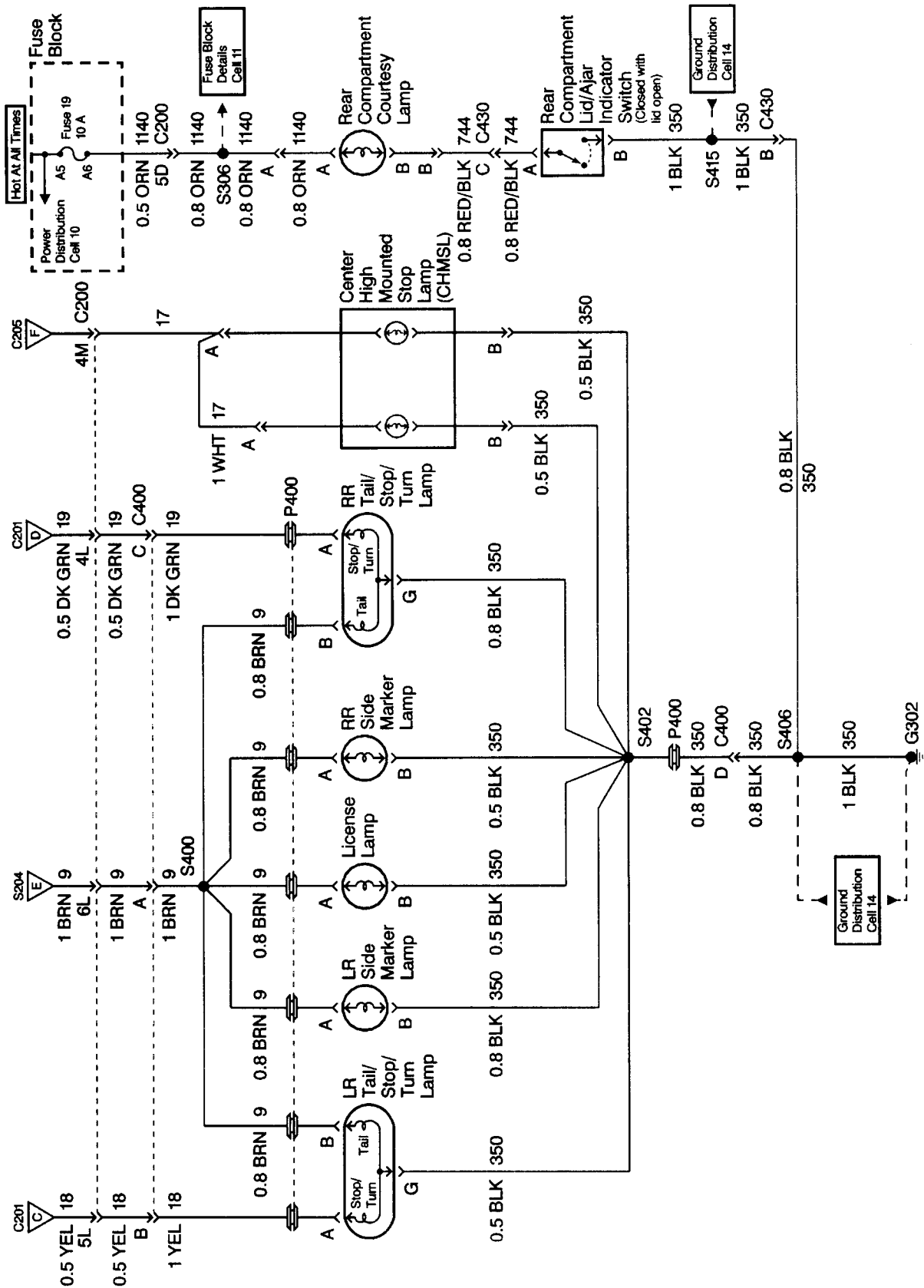
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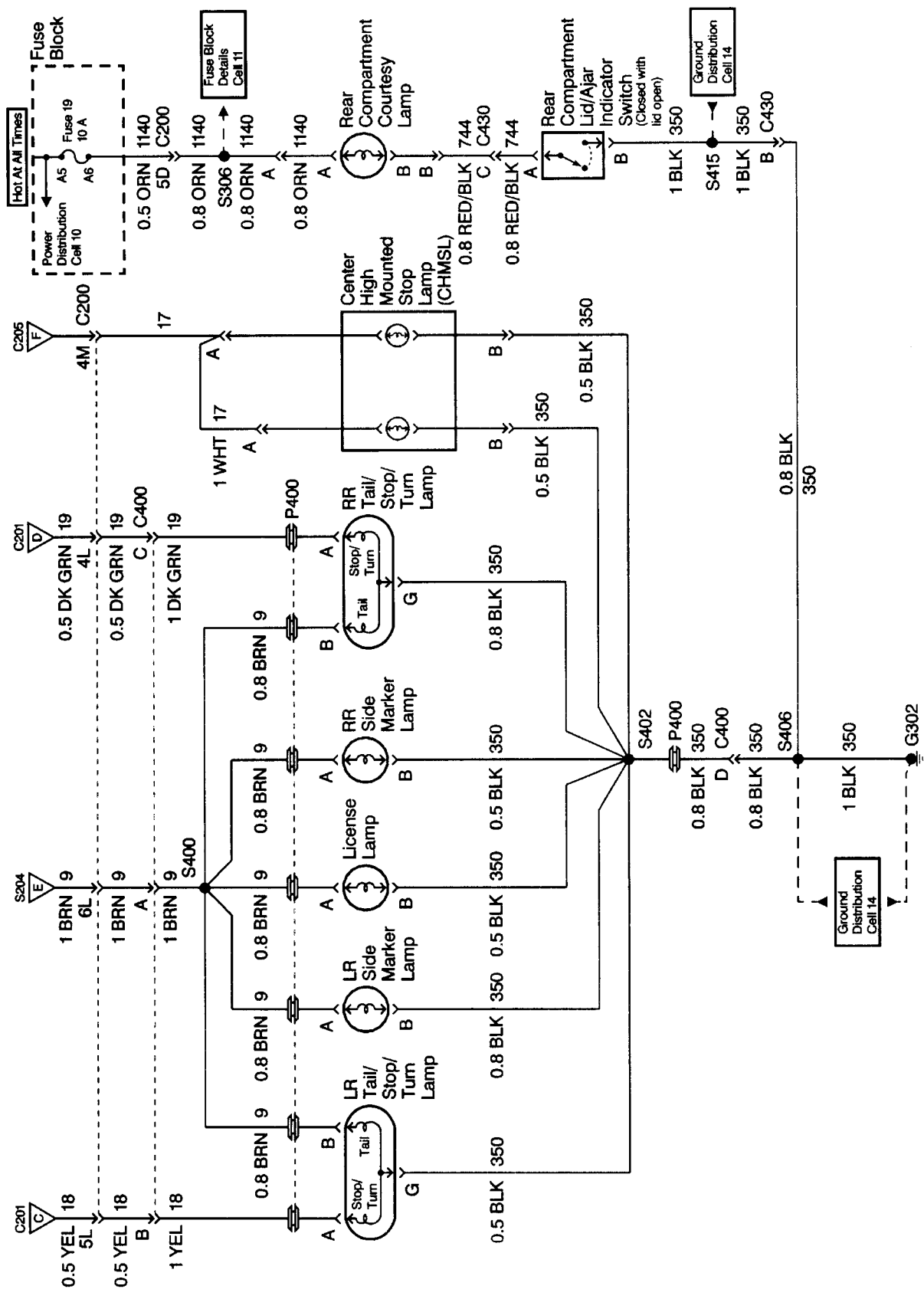
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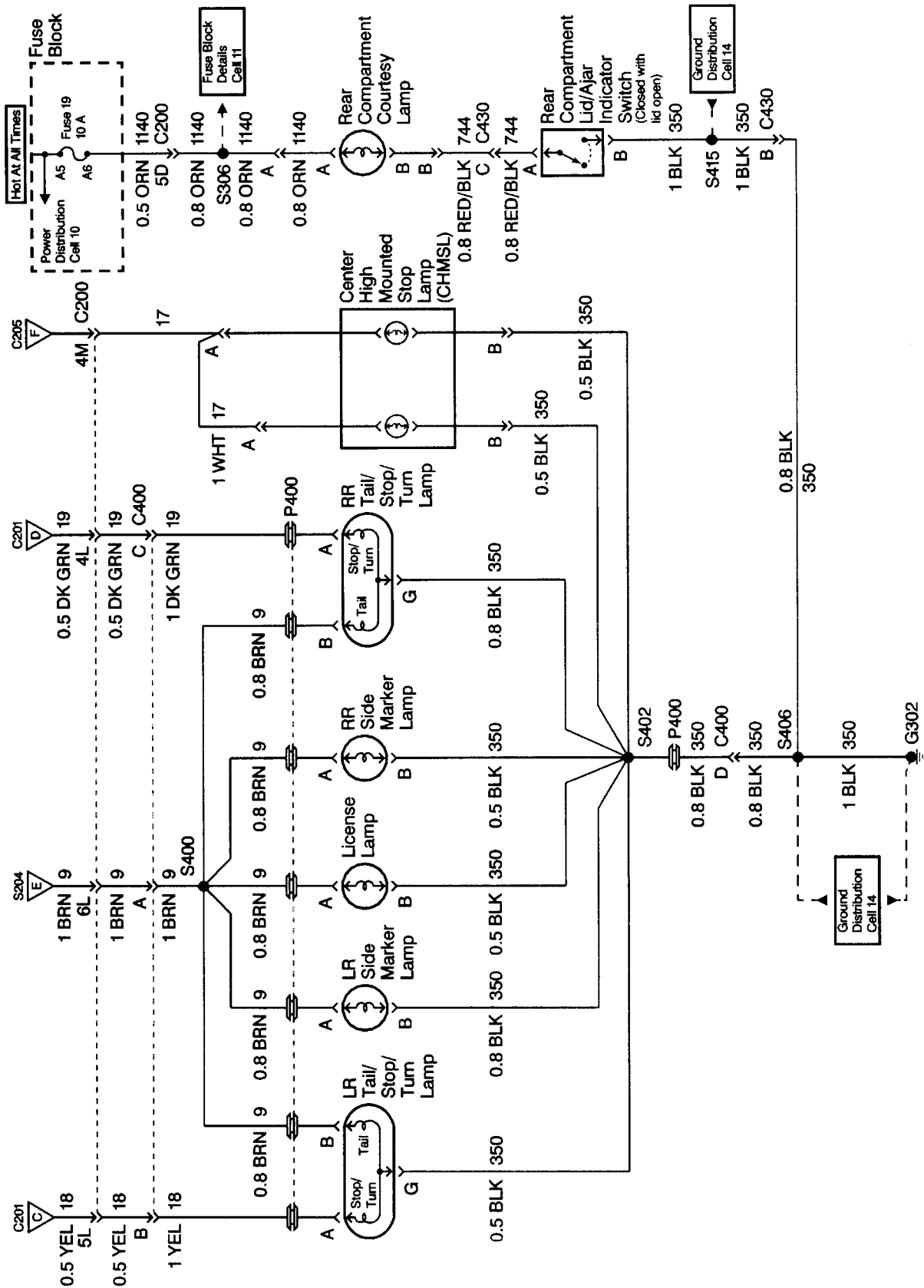
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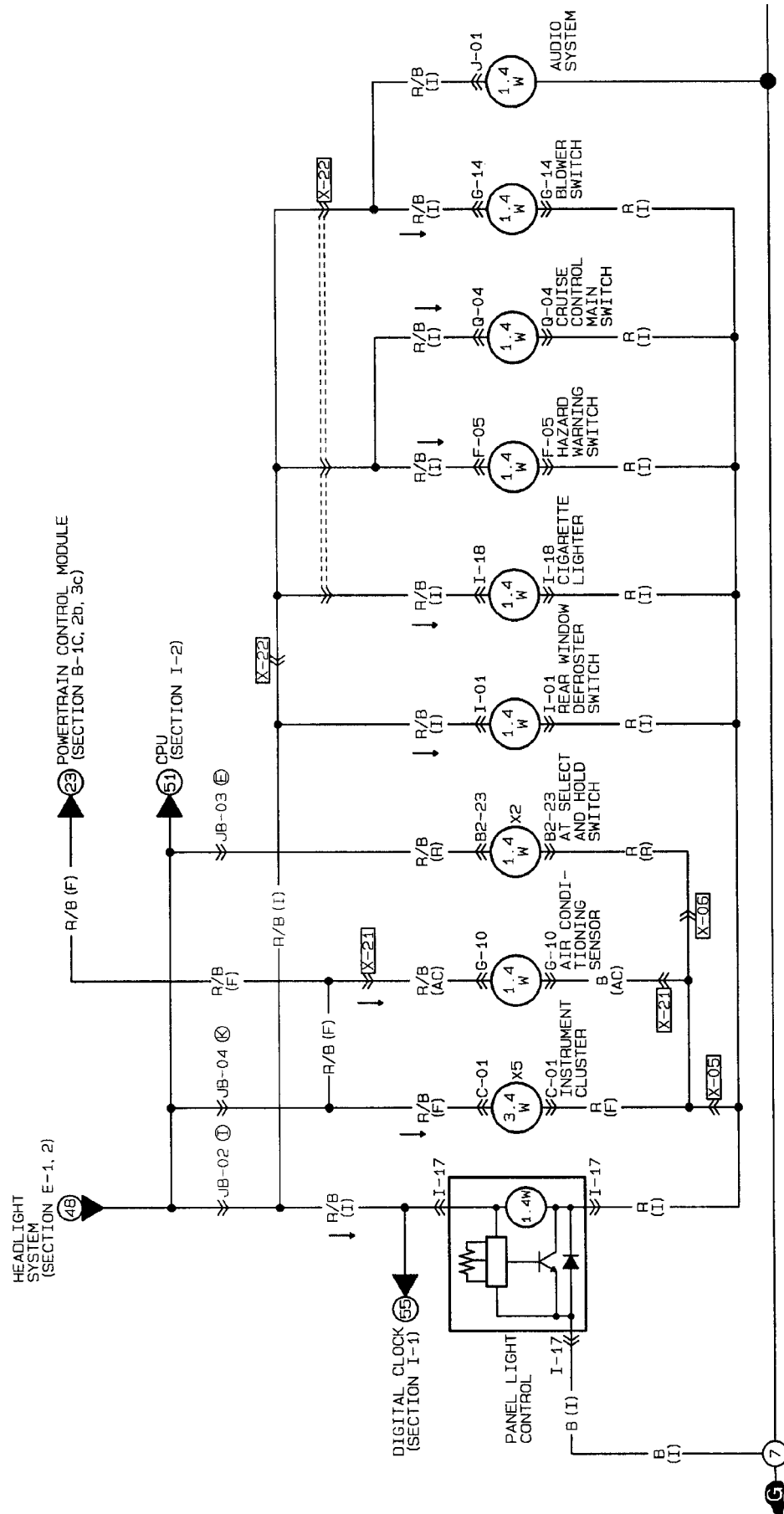
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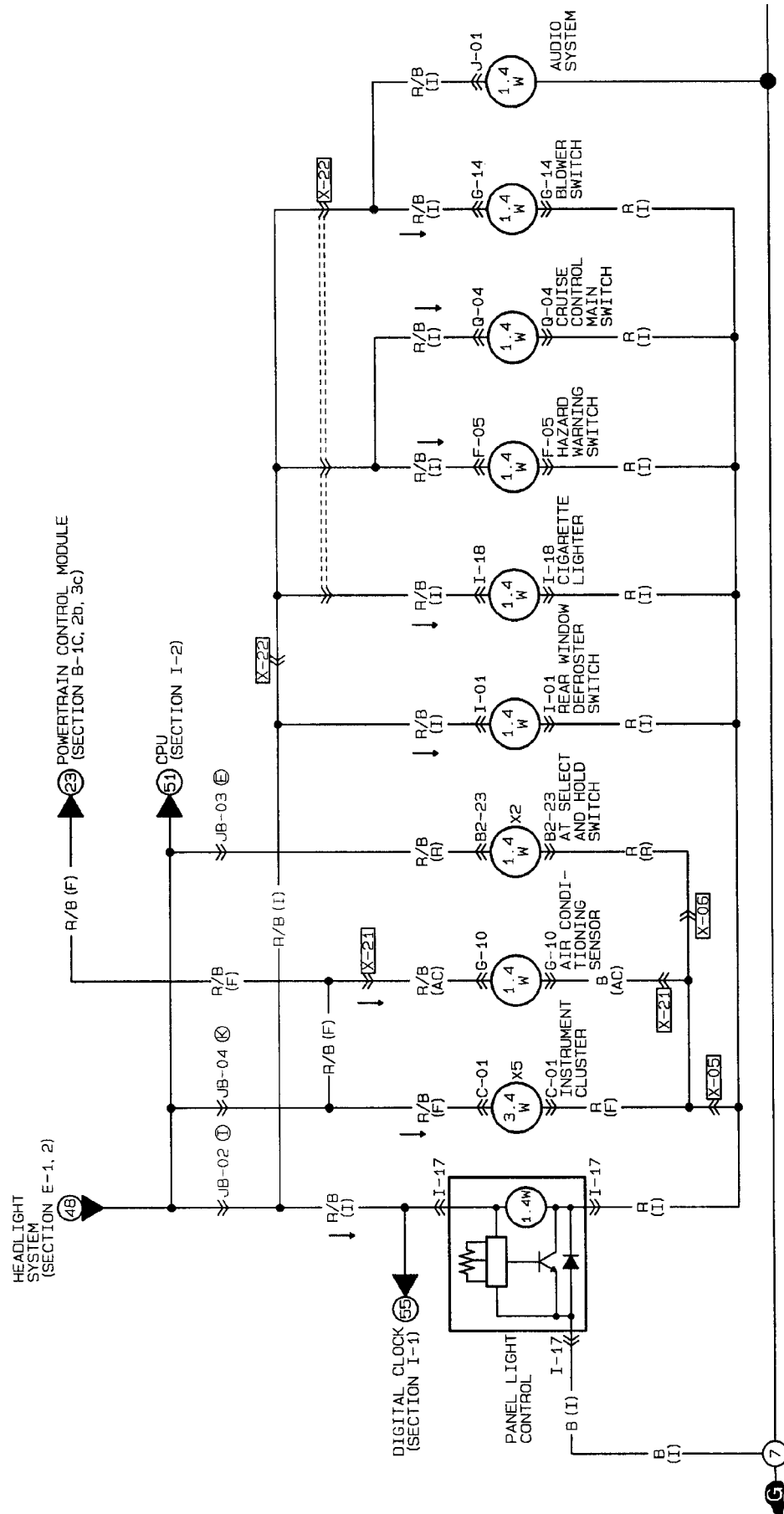
GM EXTERIOR LIGHTS - PART C



MAZDA INTERIOR LIGHTS

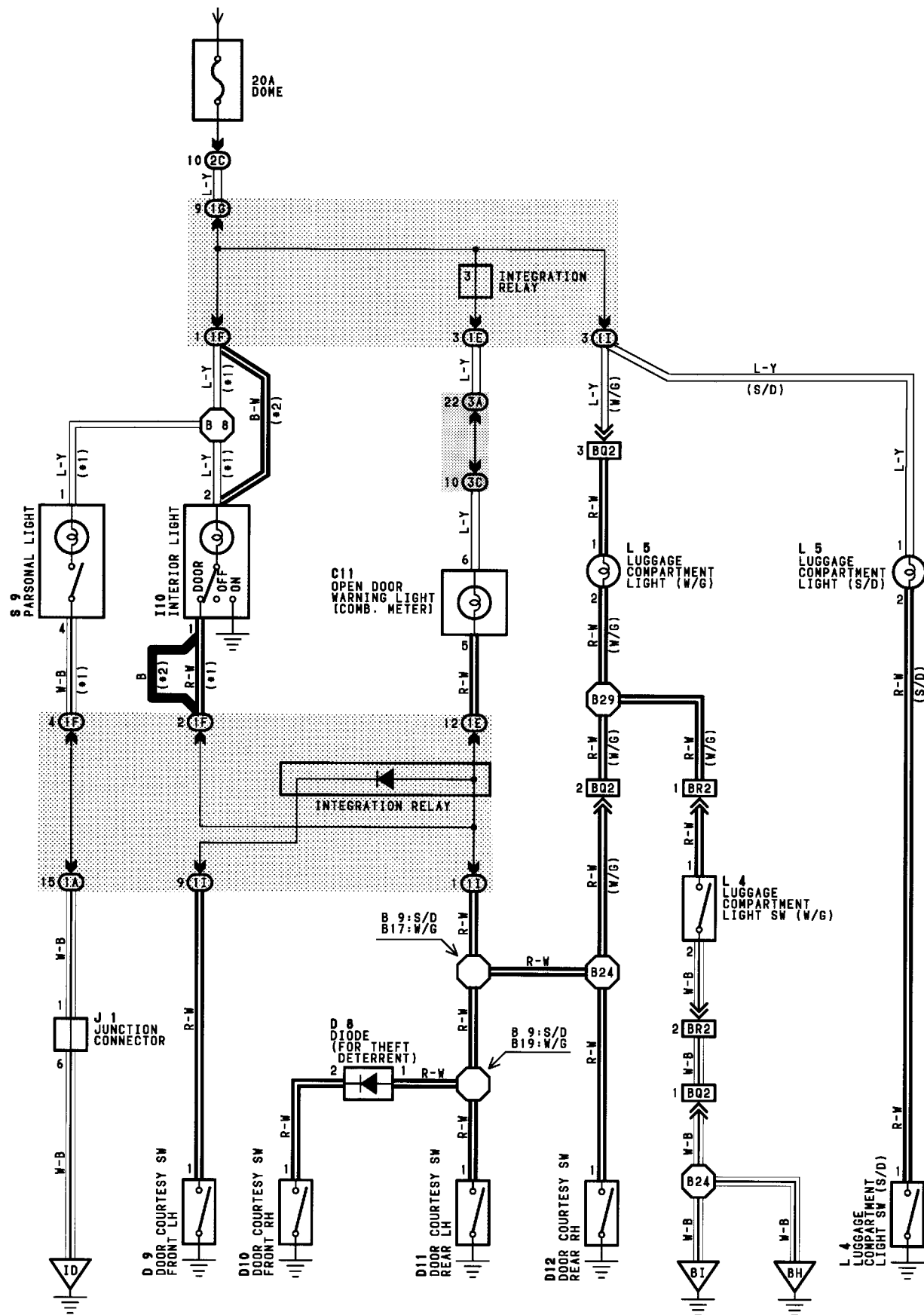


MAZDA INTERIOR LIGHTS



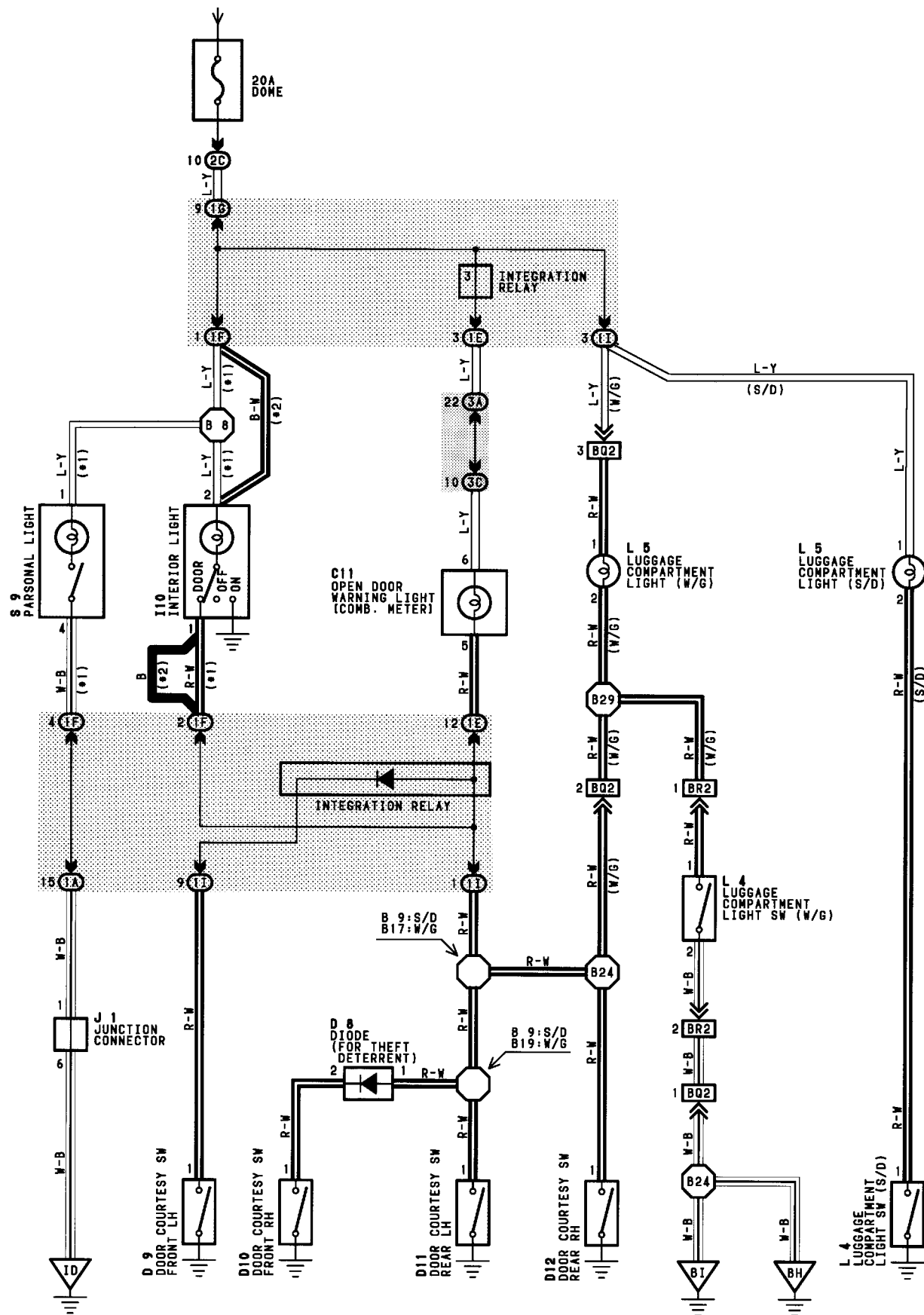
TOYOTA INTERIOR LIGHTS

FROM POWER SOURCE SYSTEM (SEE PAGE 54)



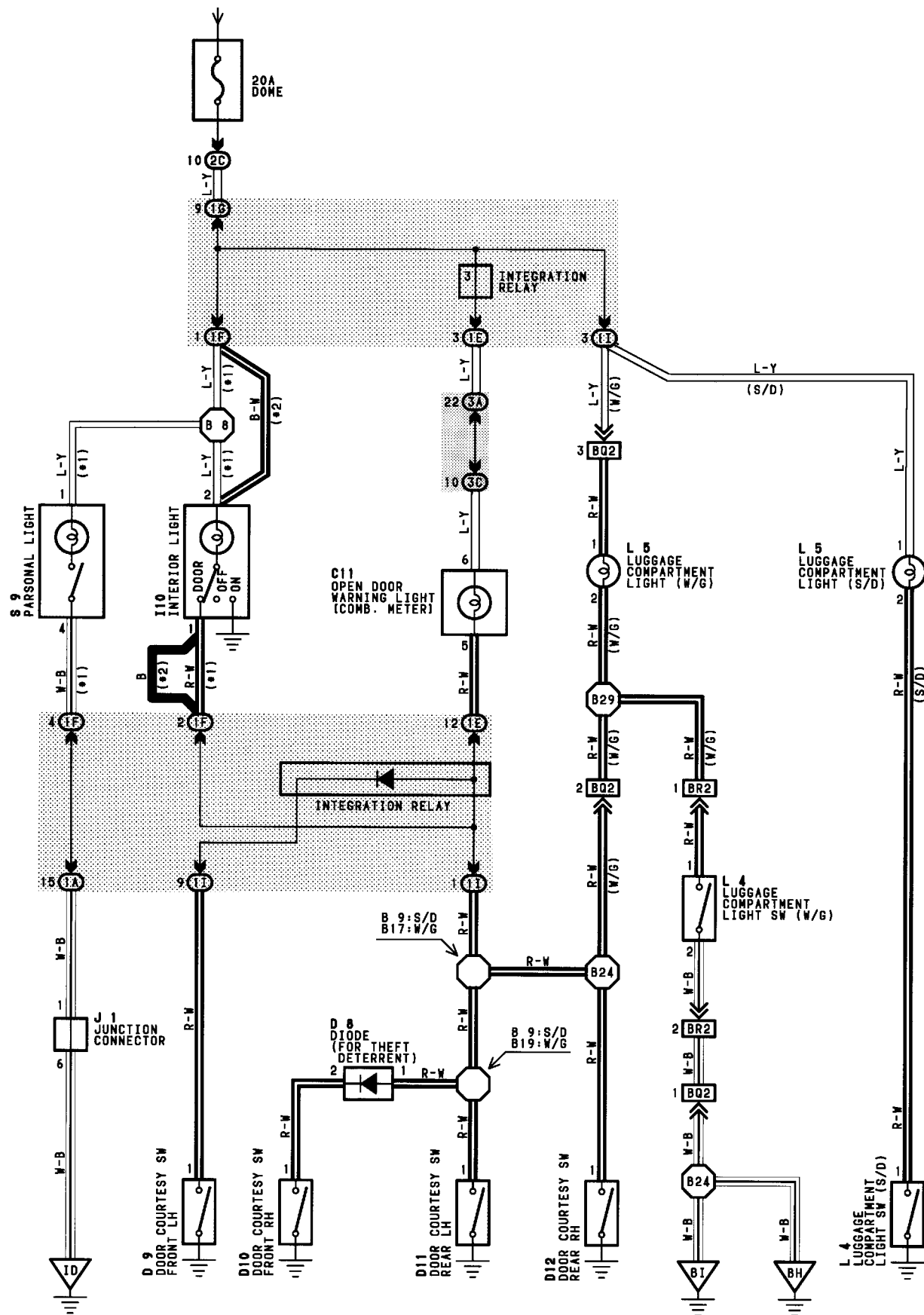
TOYOTA INTERIOR LIGHTS

FROM POWER SOURCE SYSTEM (SEE PAGE 54)

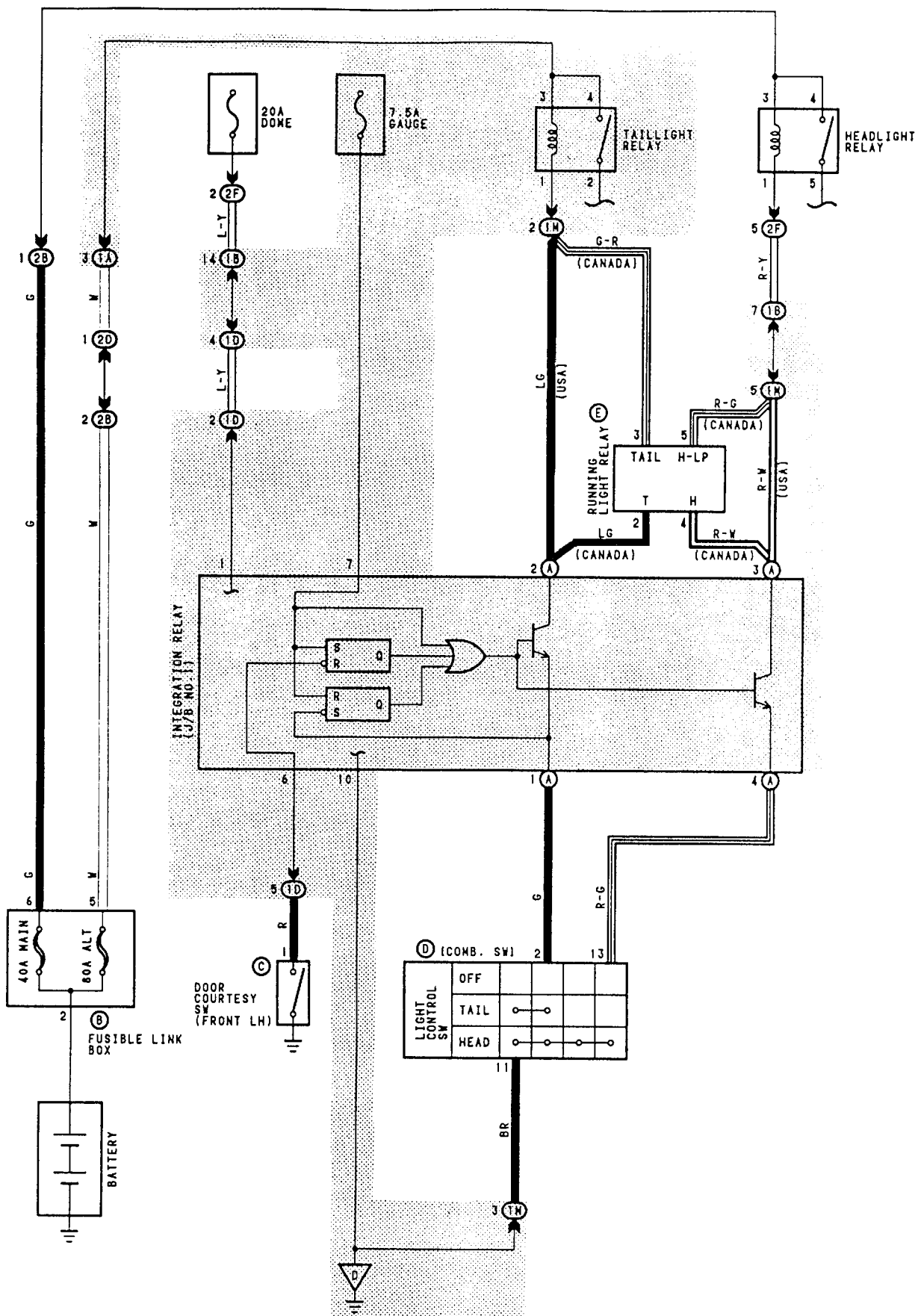


TOYOTA INTERIOR LIGHTS

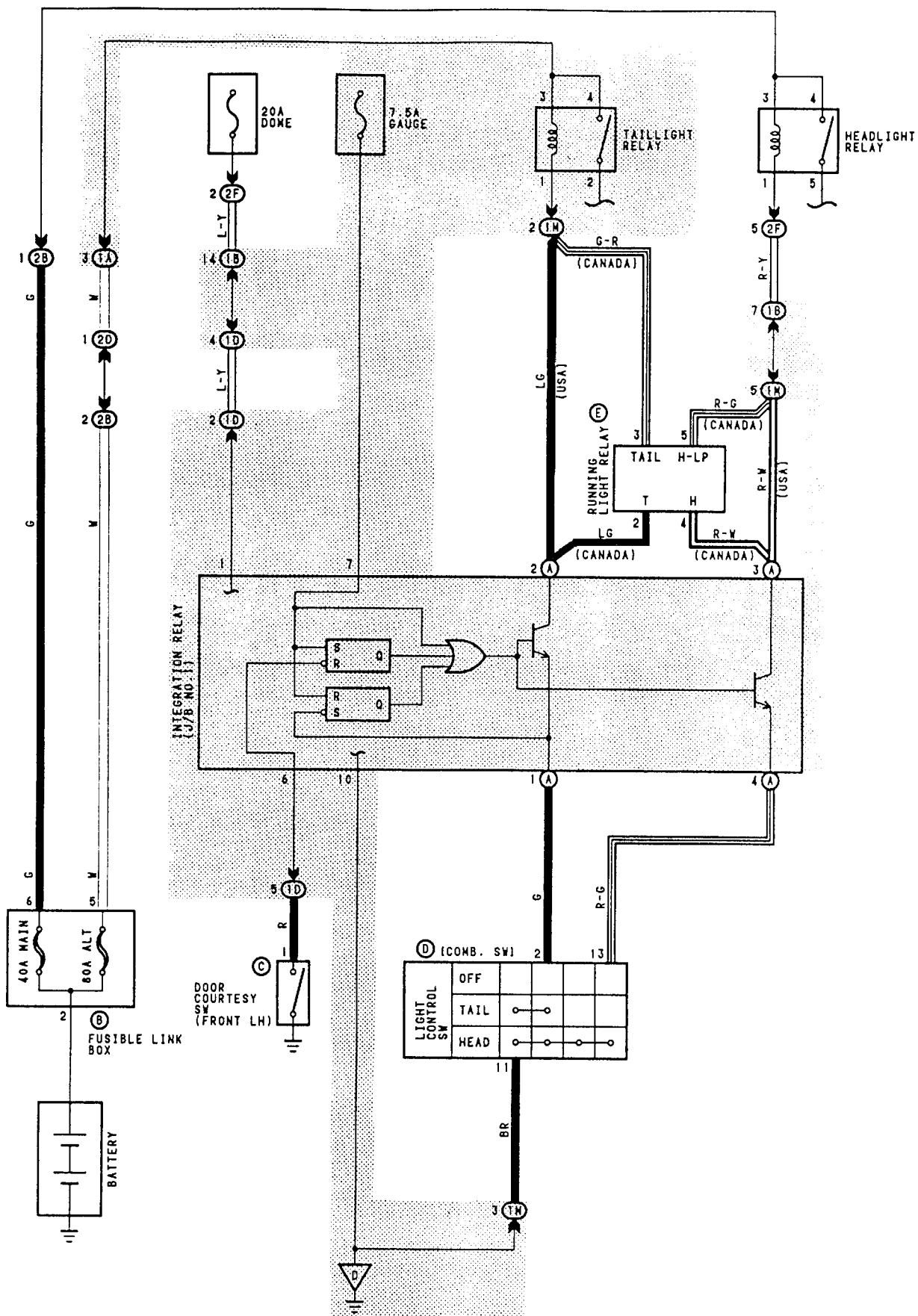
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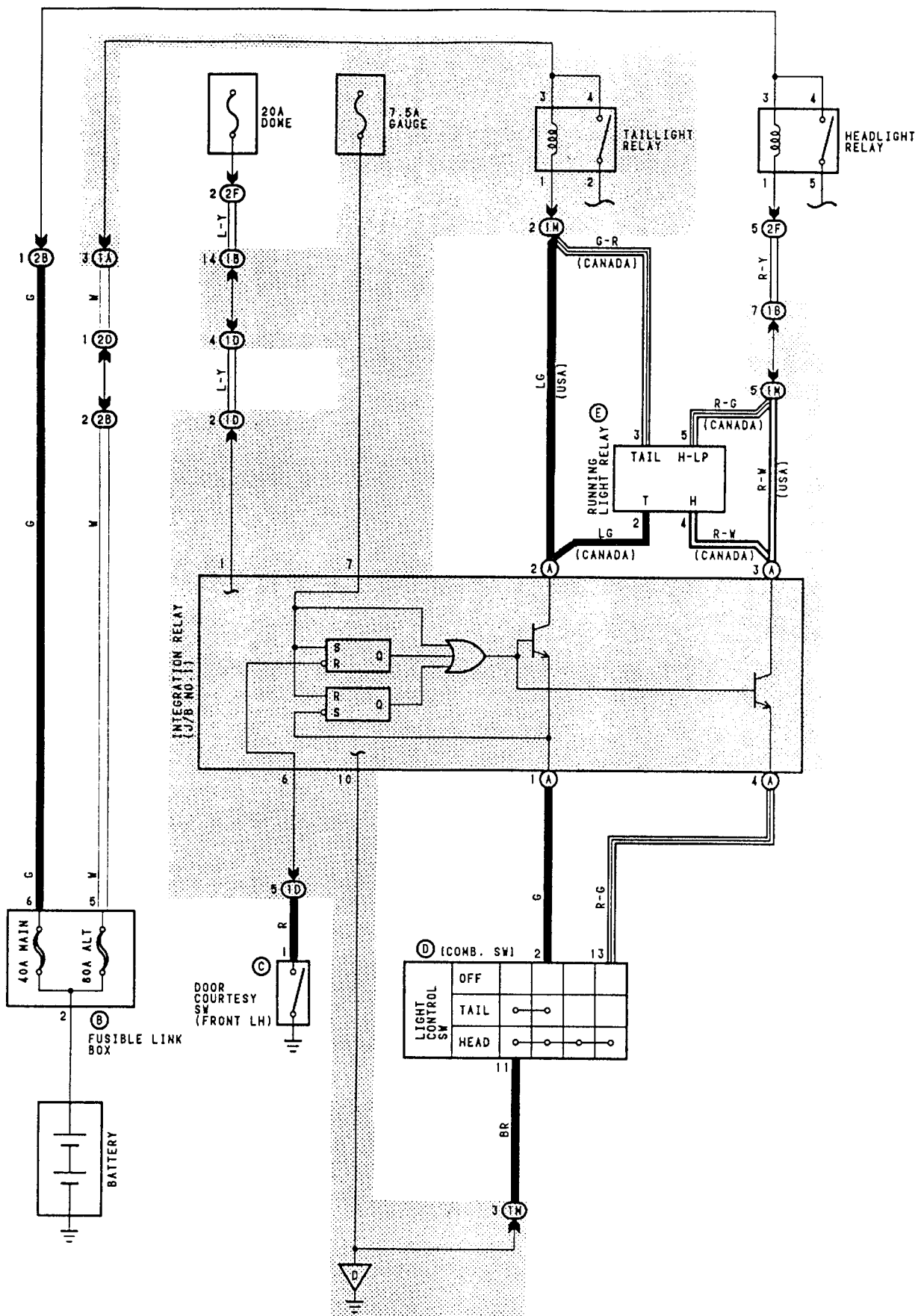
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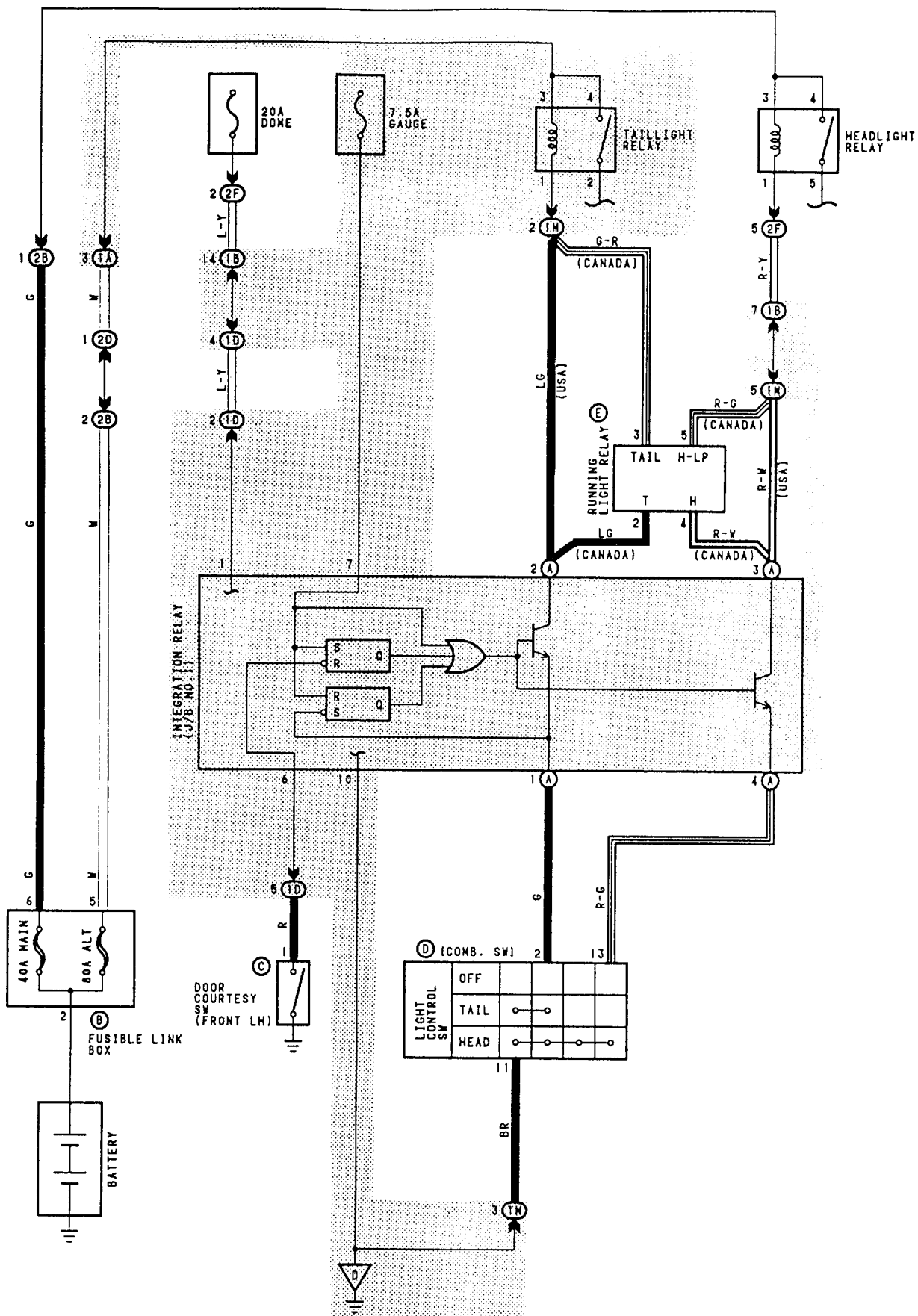
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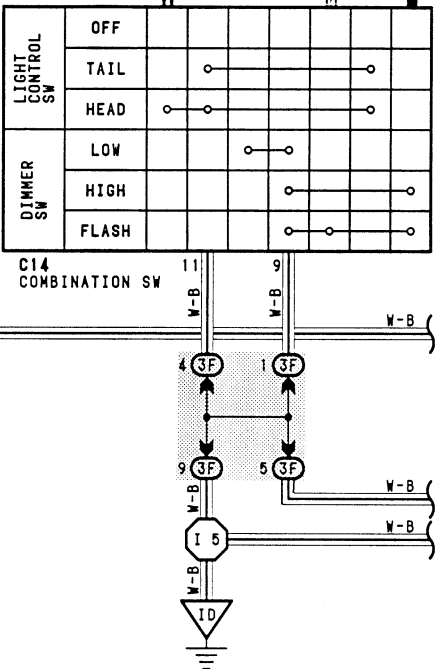


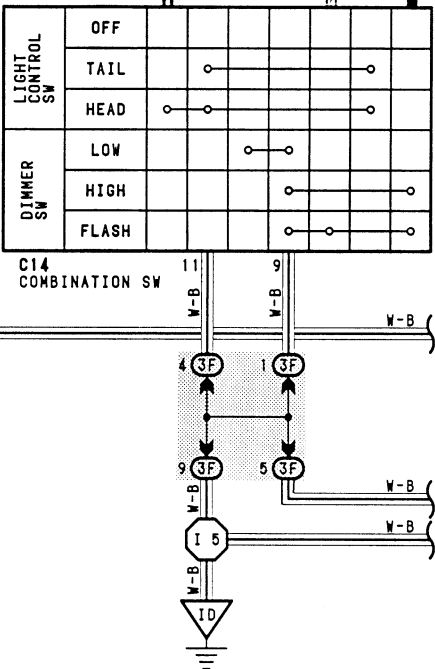
TOYOTA AUTO OFF HEADLAMPS



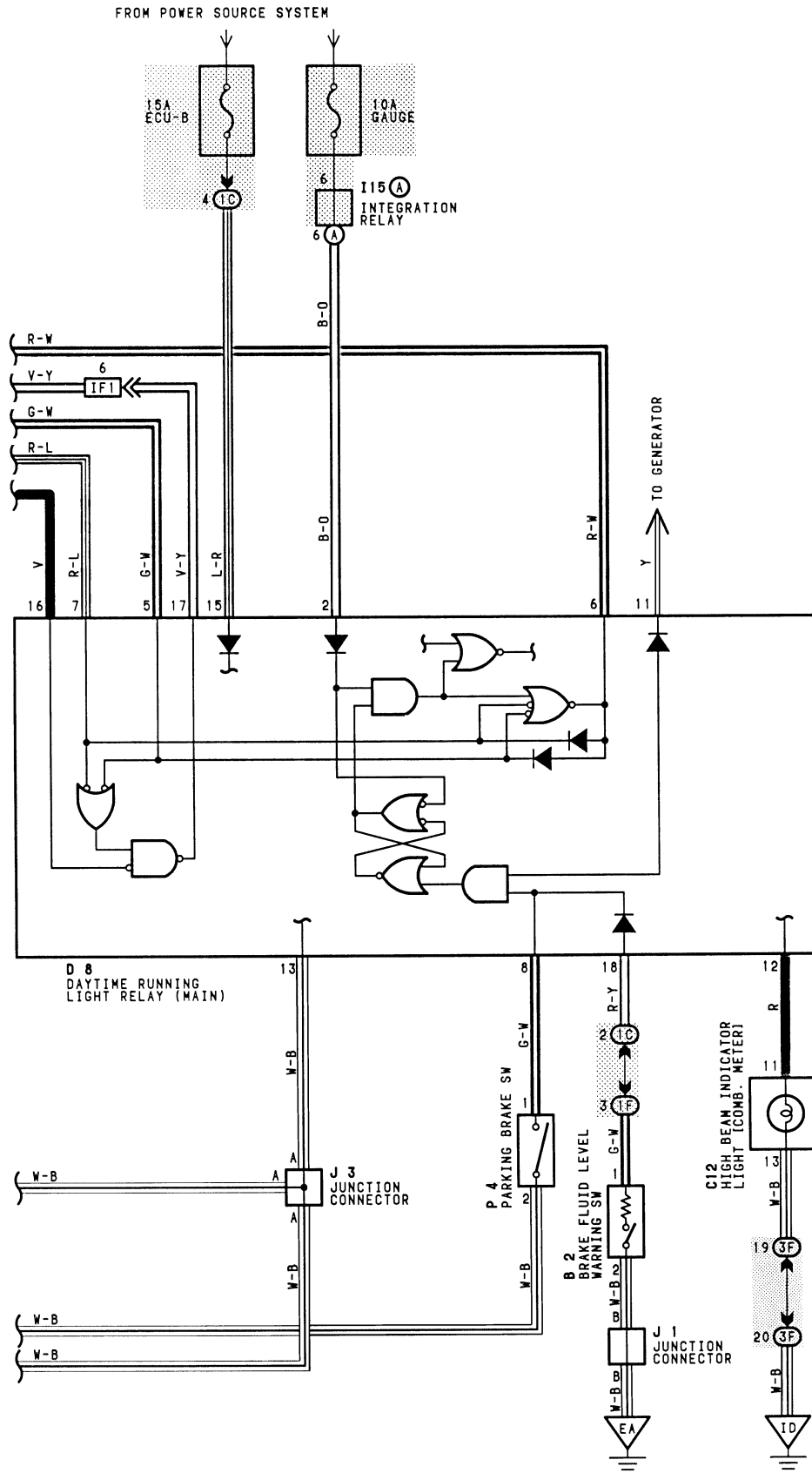
TOYOTA AUTO OFF HEADLAMPS



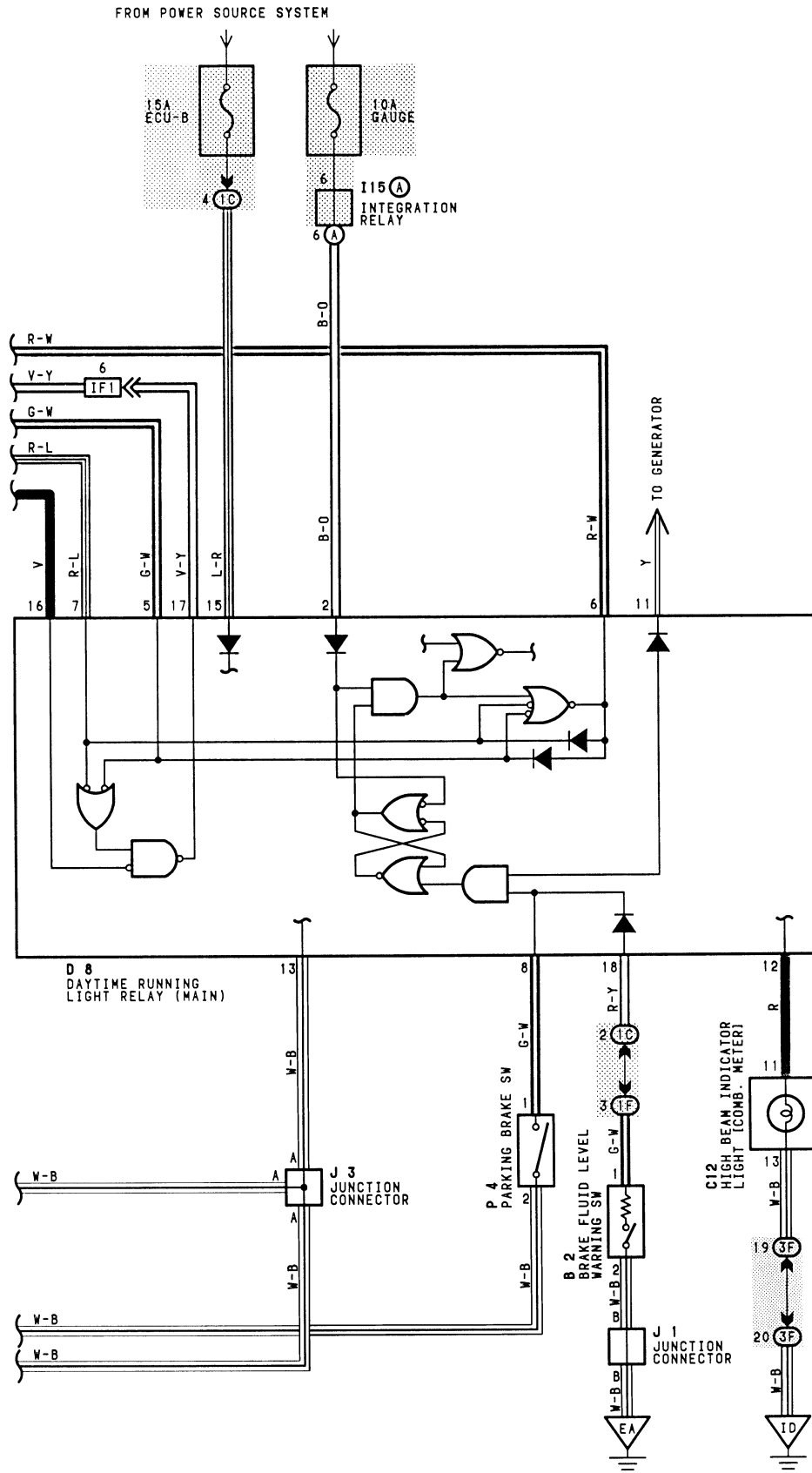




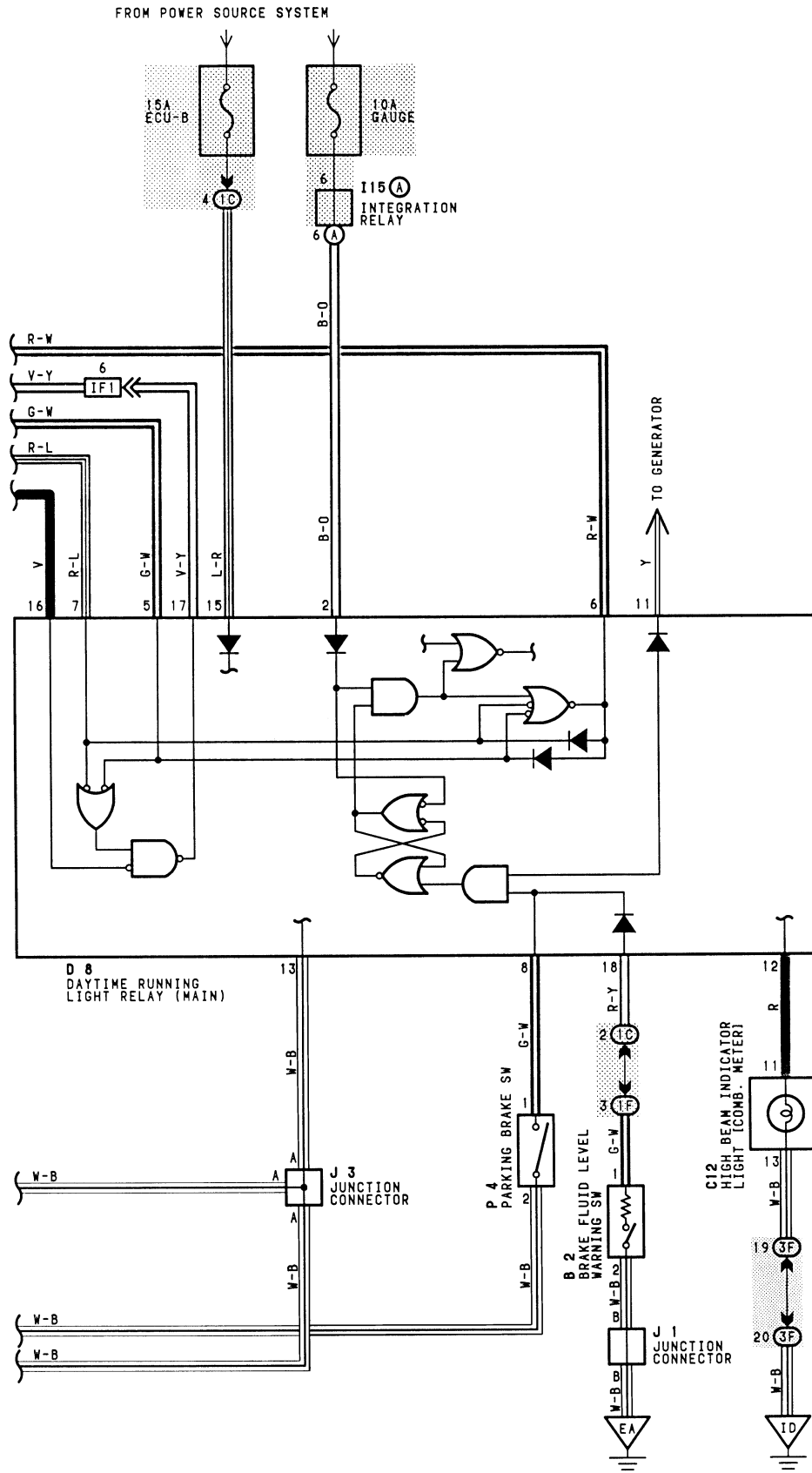
TOYOTA DAYTIME RUNNING LIGHTS - PART 2



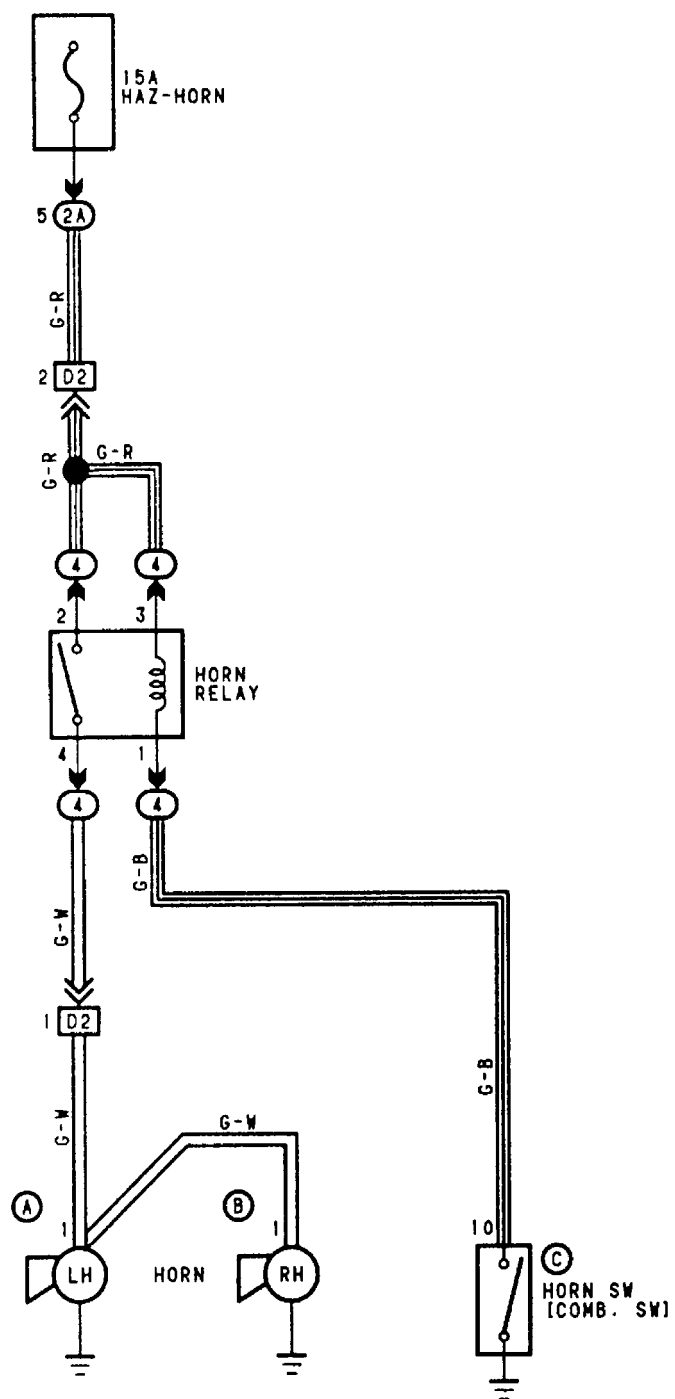
TOYOTA DAYTIME RUNNING LIGHTS - PART 2



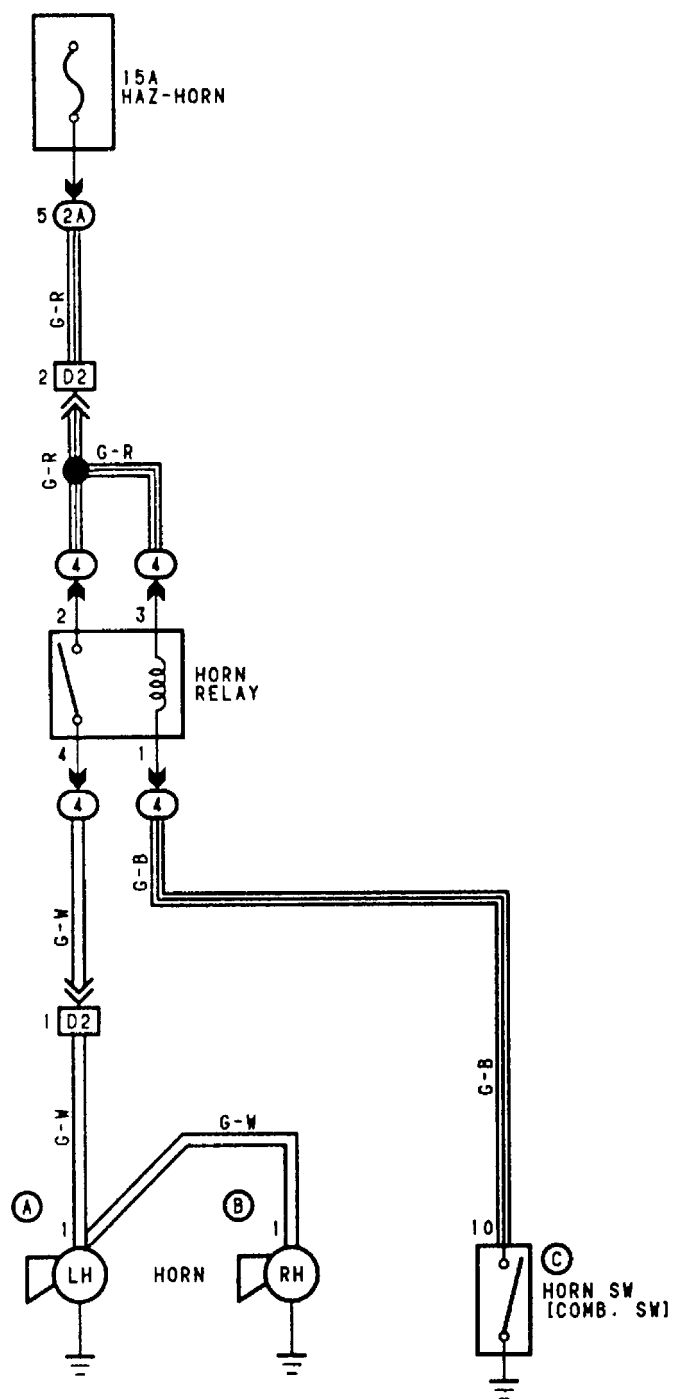
TOYOTA DAYTIME RUNNING LIGHTS - PART 2



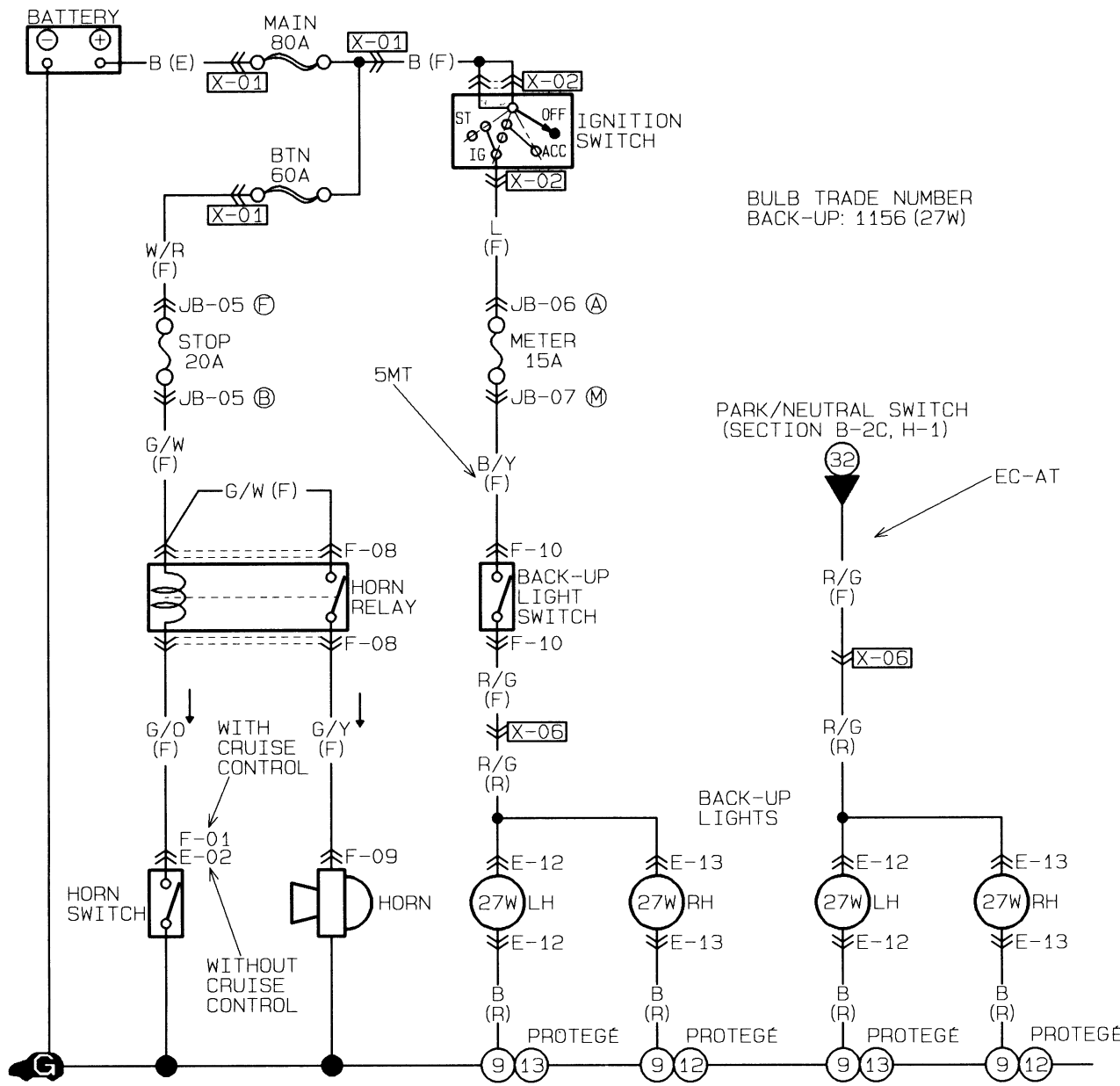
TOYOTA HORN



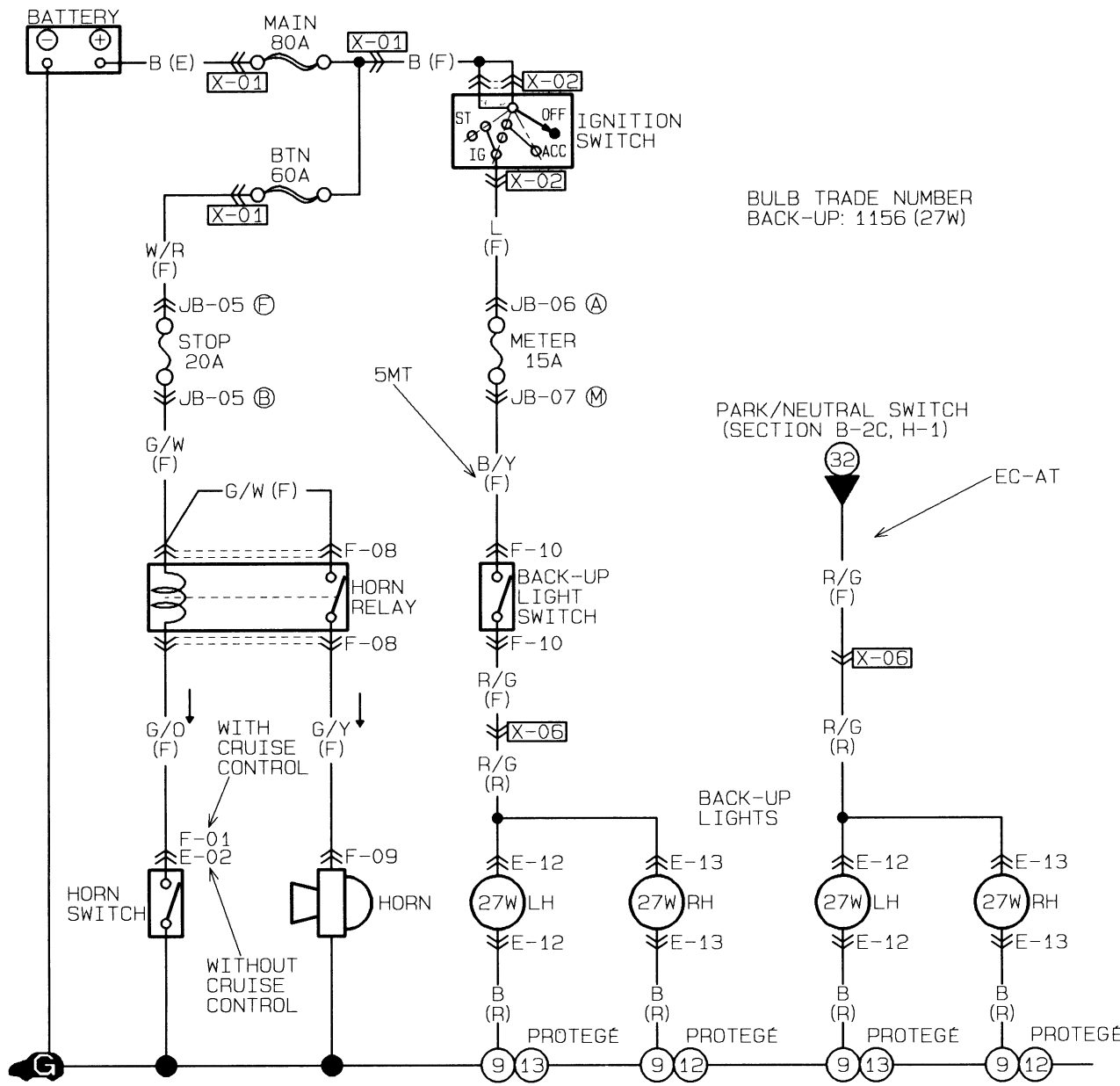
TOYOTA HORN



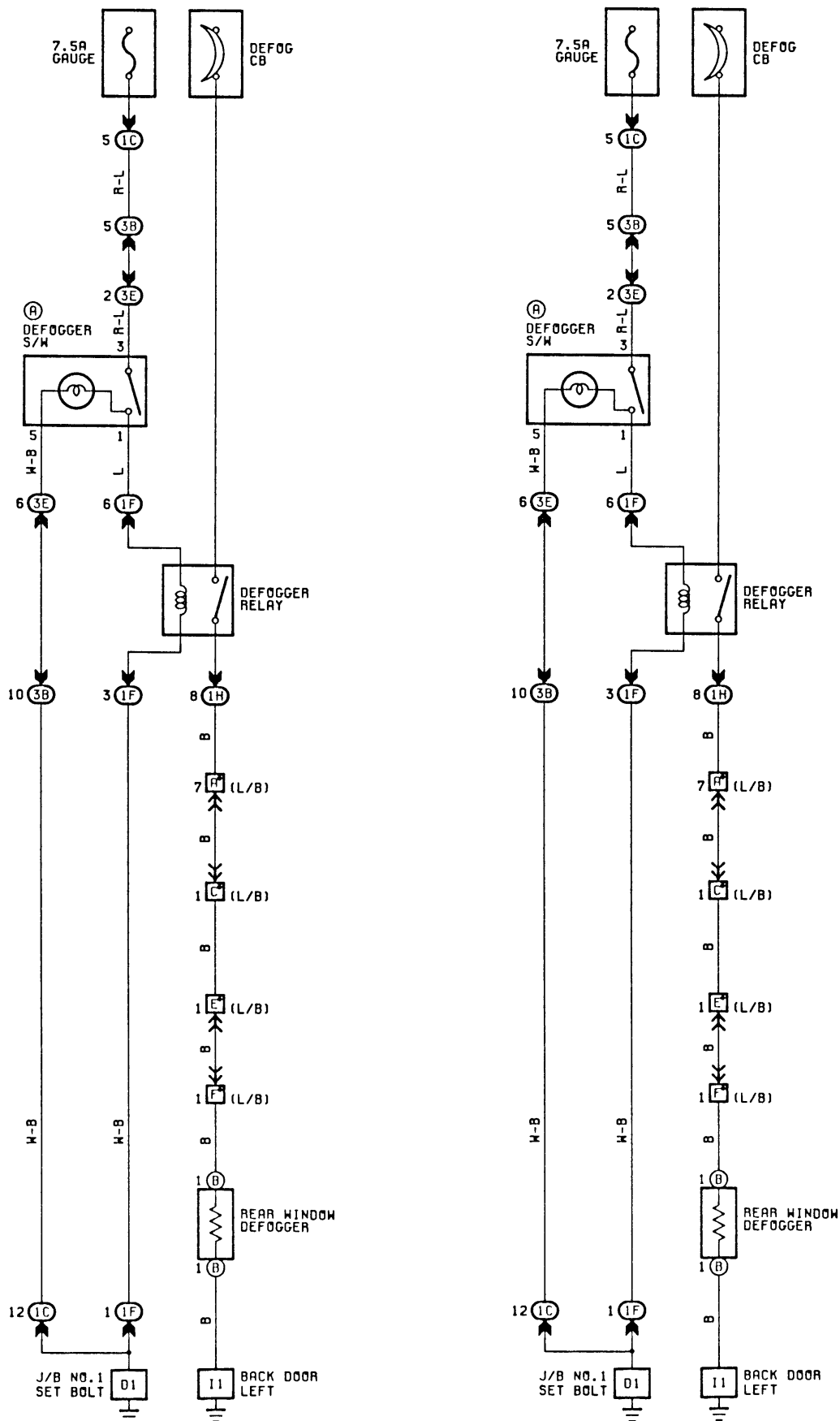
MAZDA HORN / BACKUP LIGHTS



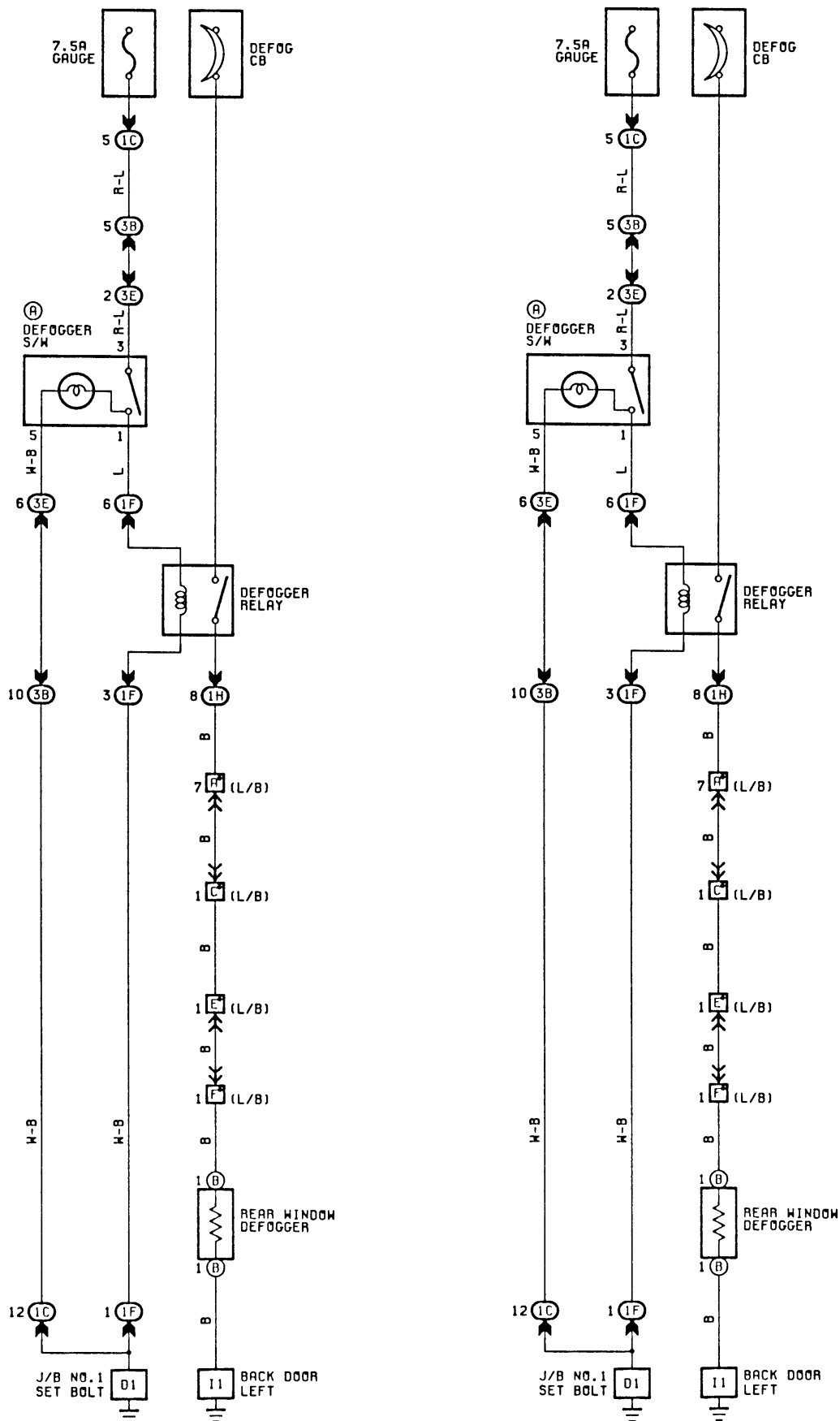
MAZDA HORN / BACKUP LIGHTS



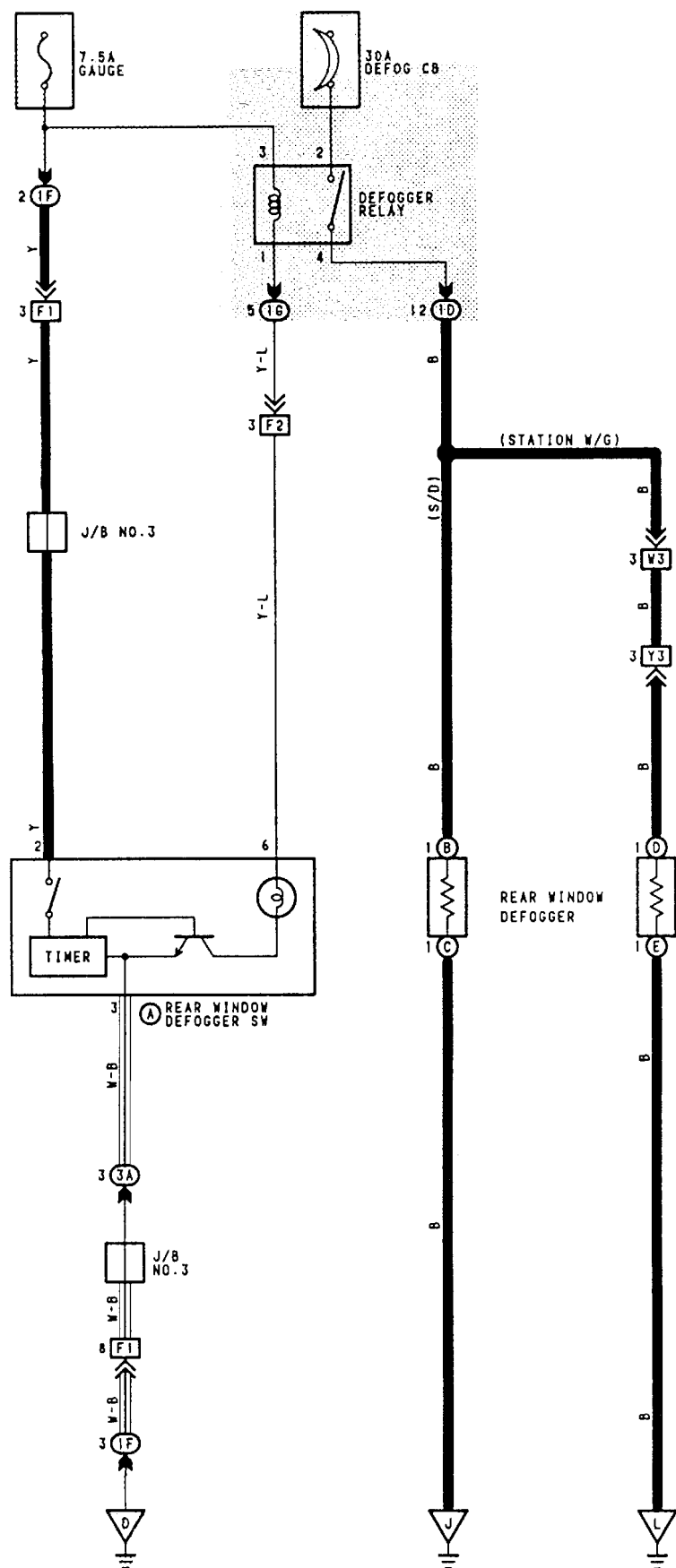
TOYOTA REAR WINDOW DEFOGGER (Without Timer)



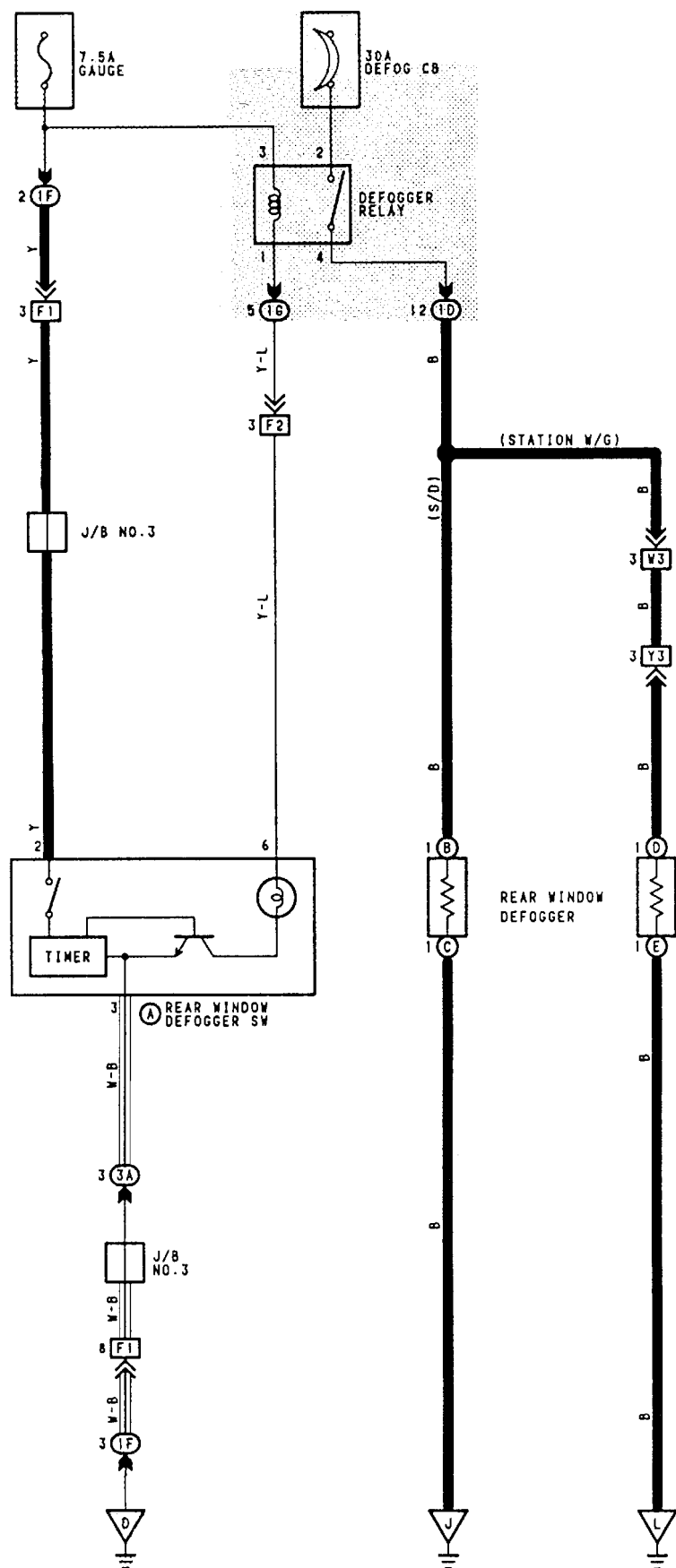
TOYOTA REAR WINDOW DEFOGGER (Without Timer)



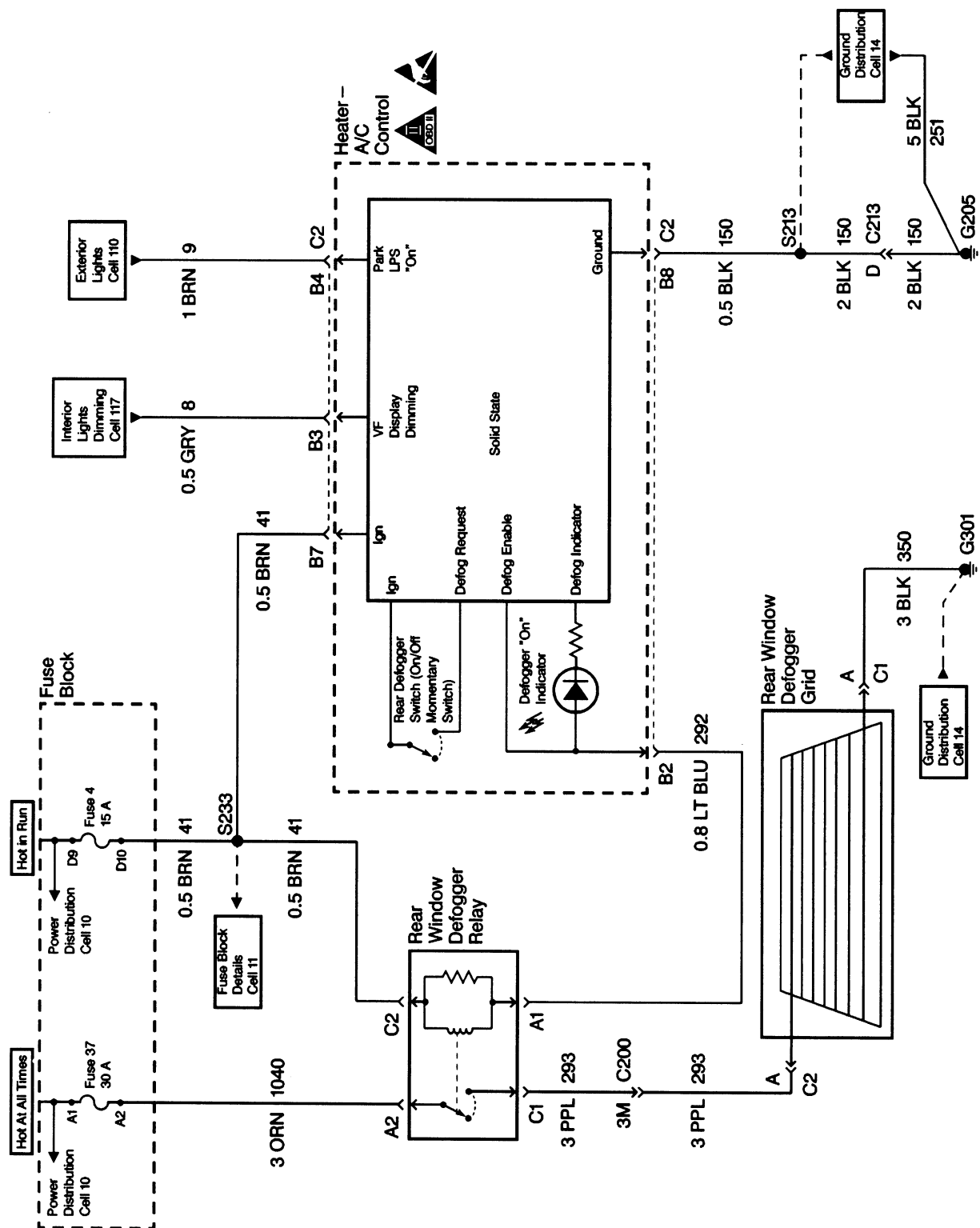
TOYOTA REAR WINDOW DEFOGGER with TIMER



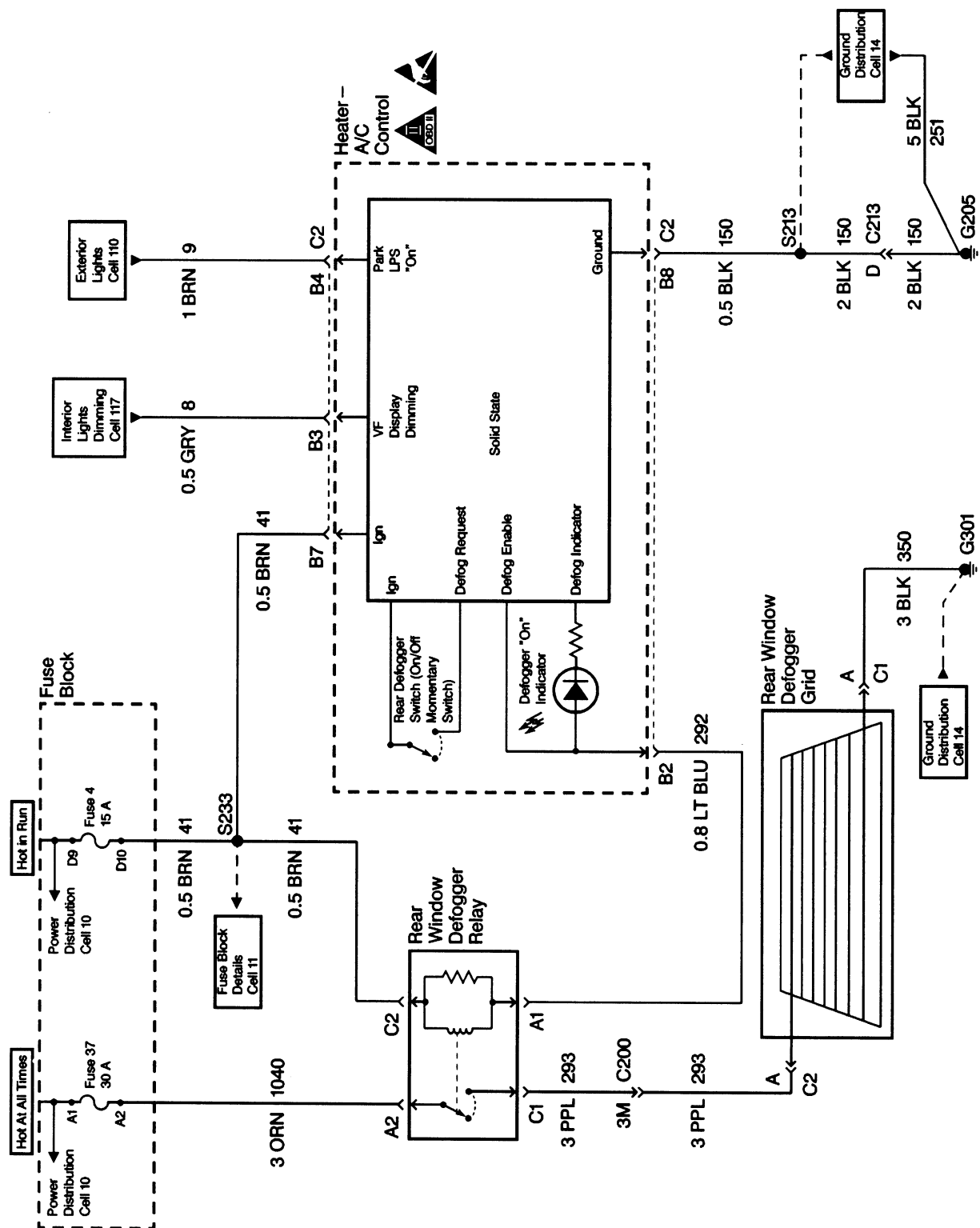
TOYOTA REAR WINDOW DEFOGGER with TIMER



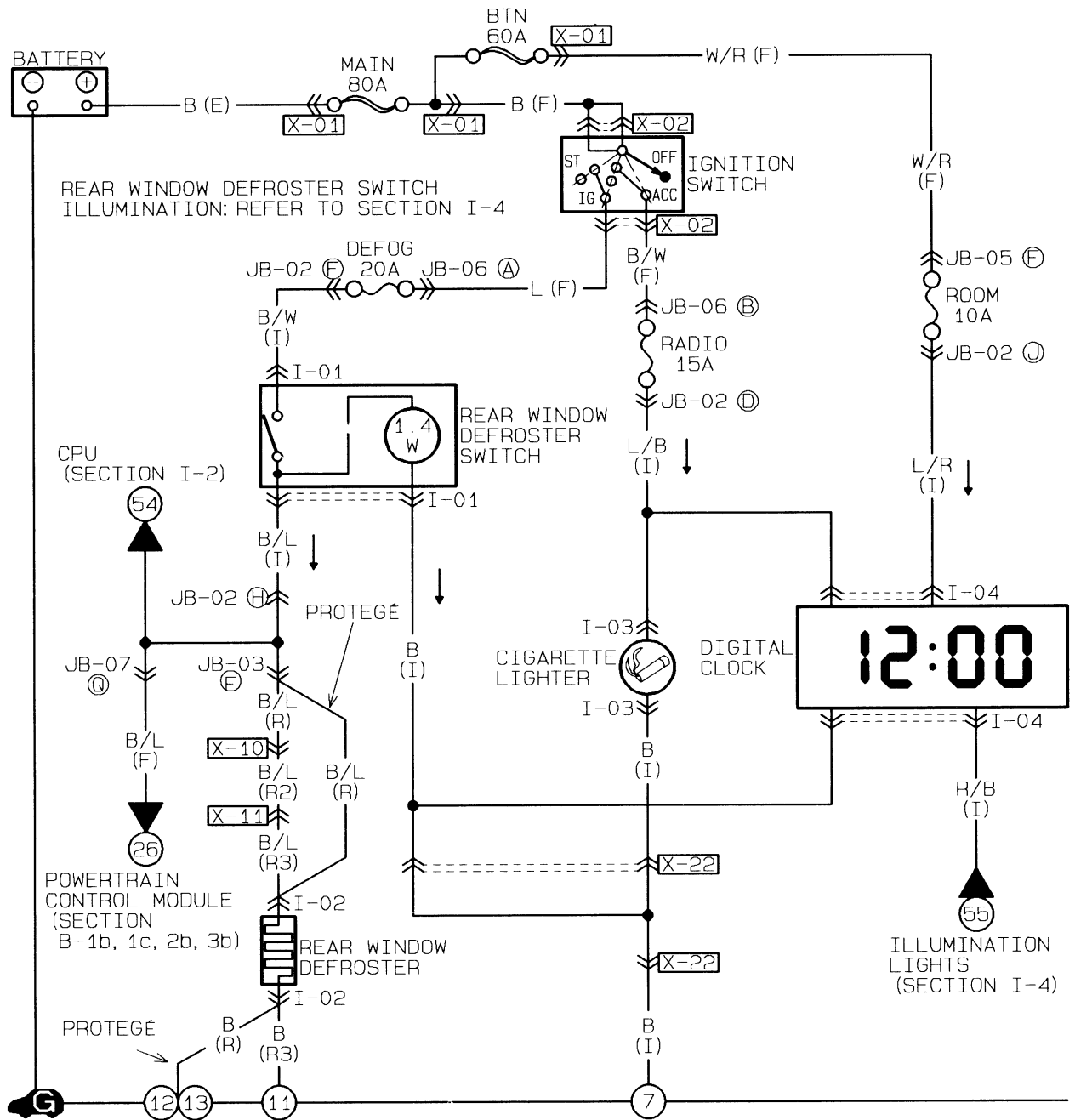
GM WINDOW DEFOGGER



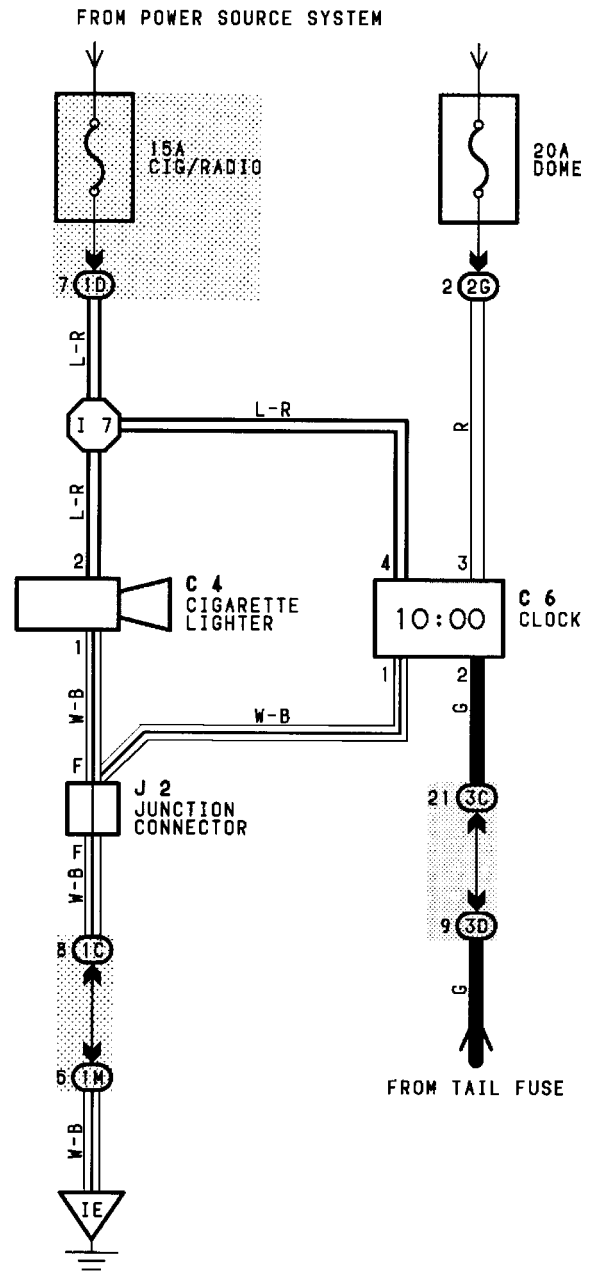
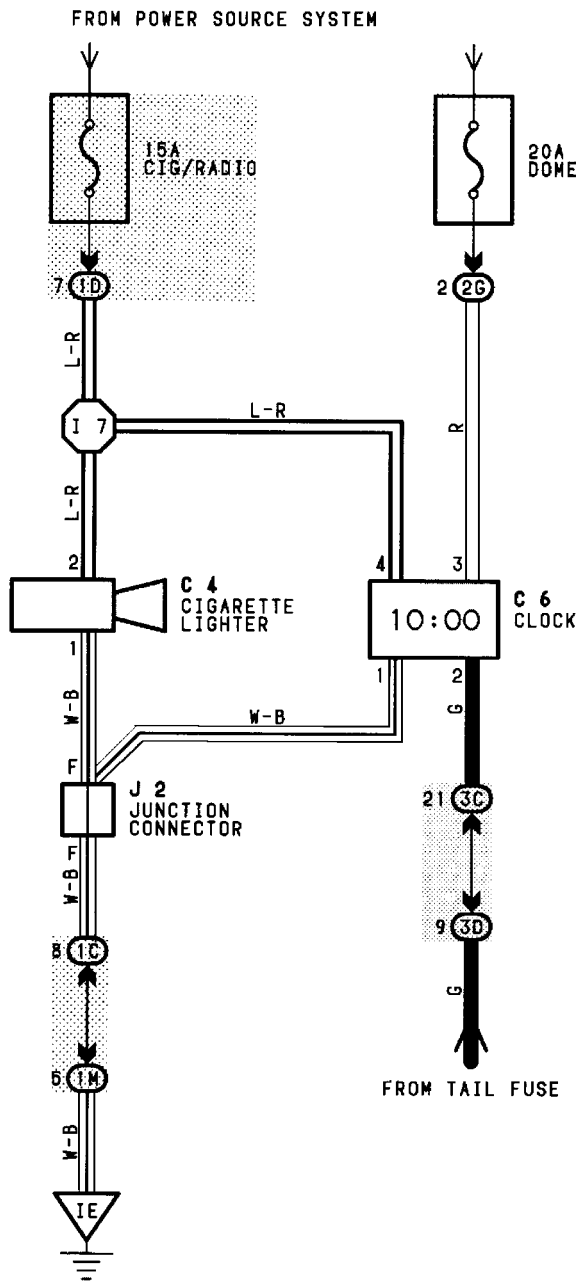
GM WINDOW DEFOGGER



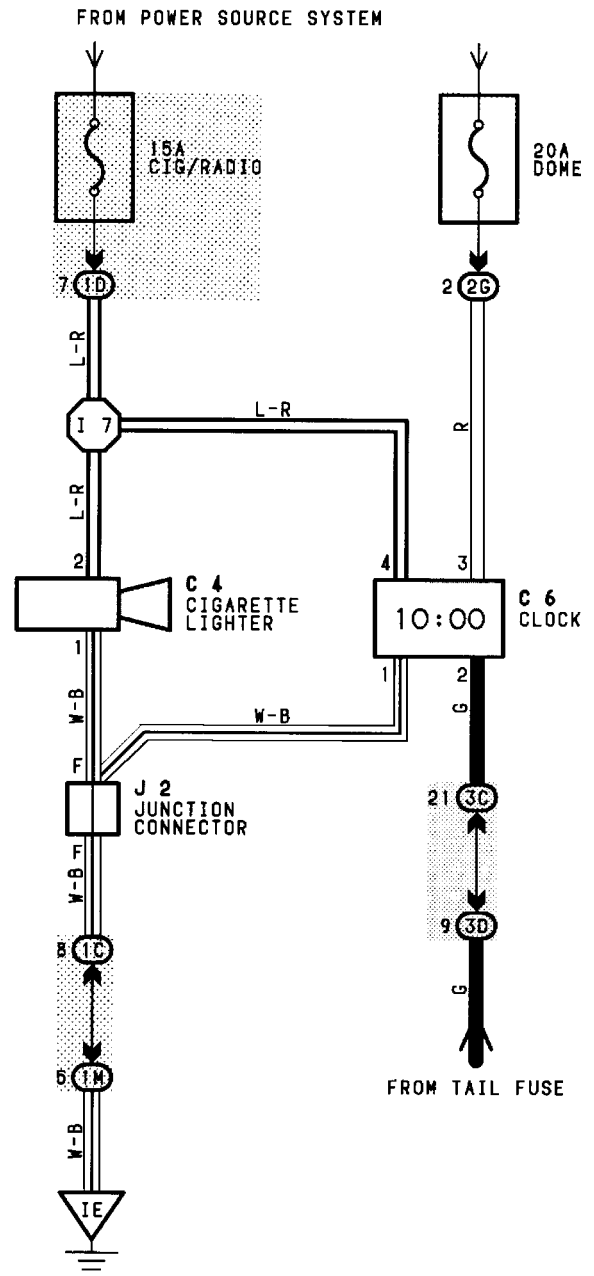
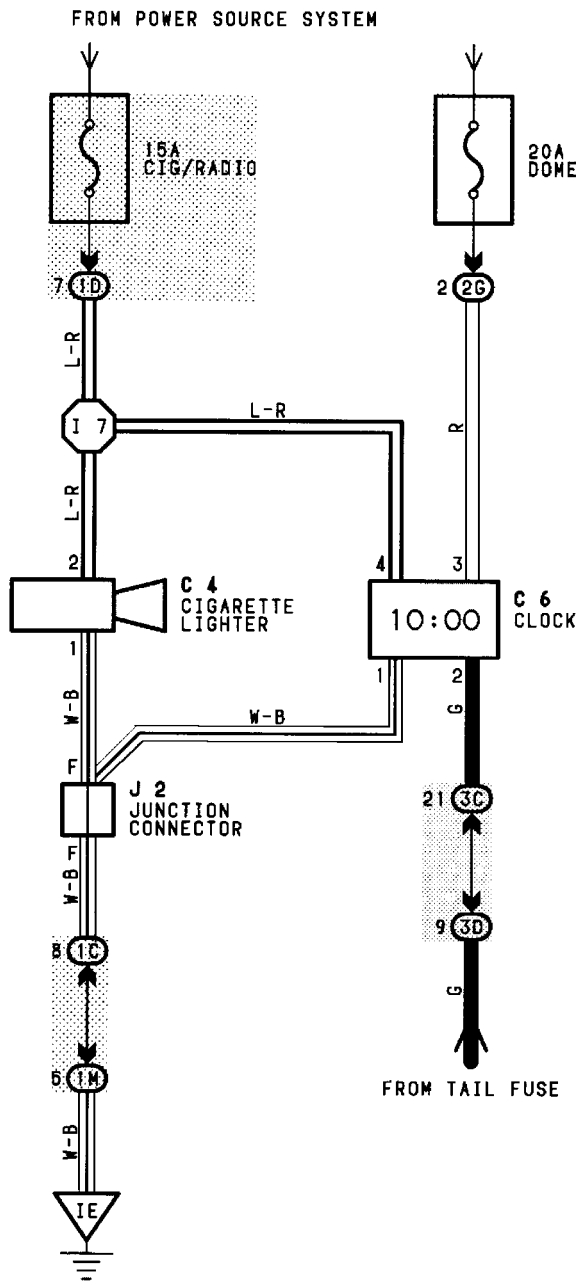
MAZDA DEFOGGER / CLOCK / LIGHTER



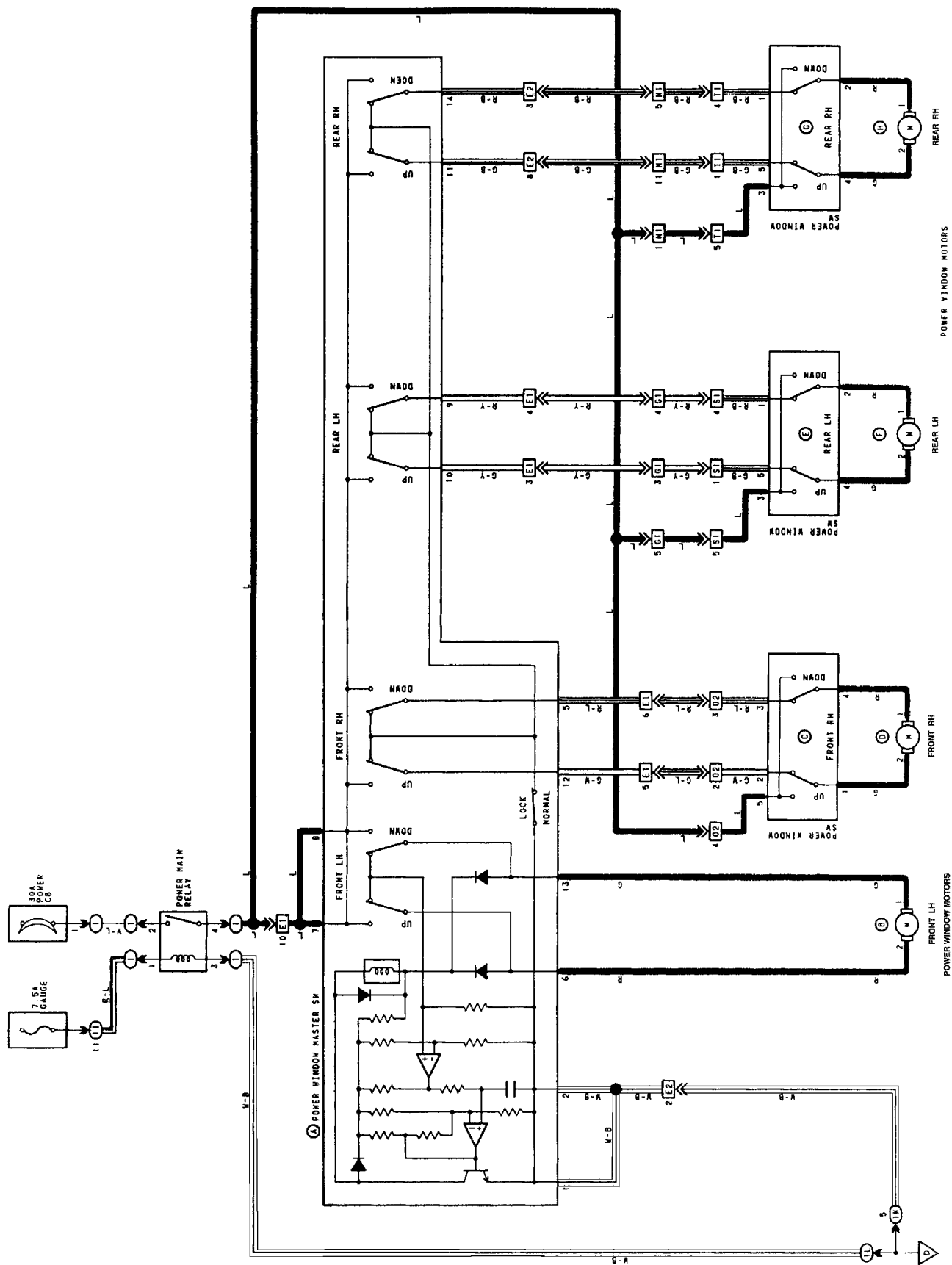
TOYOTA CLOCK & LIGHTER



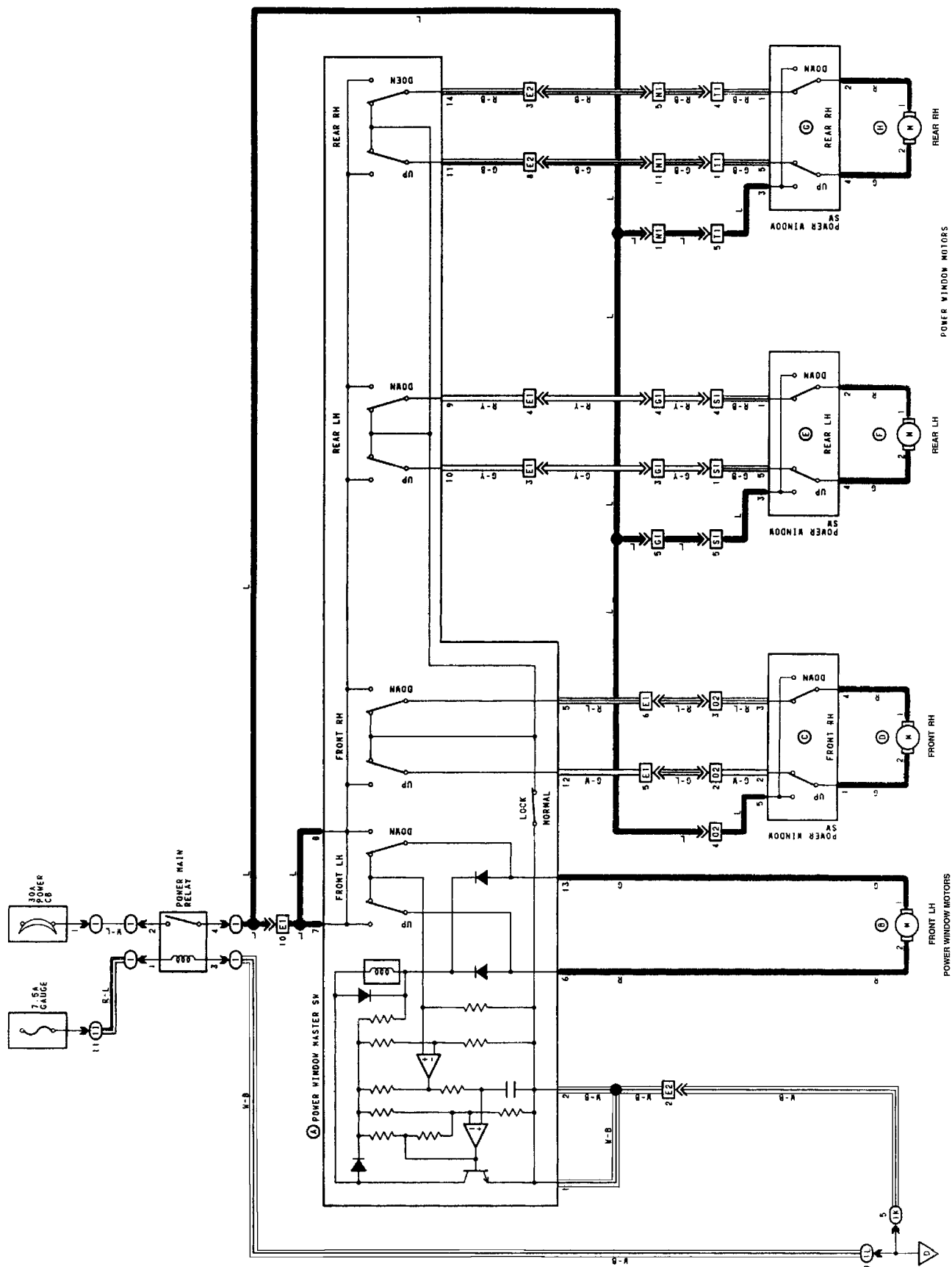
TOYOTA CLOCK & LIGHTER



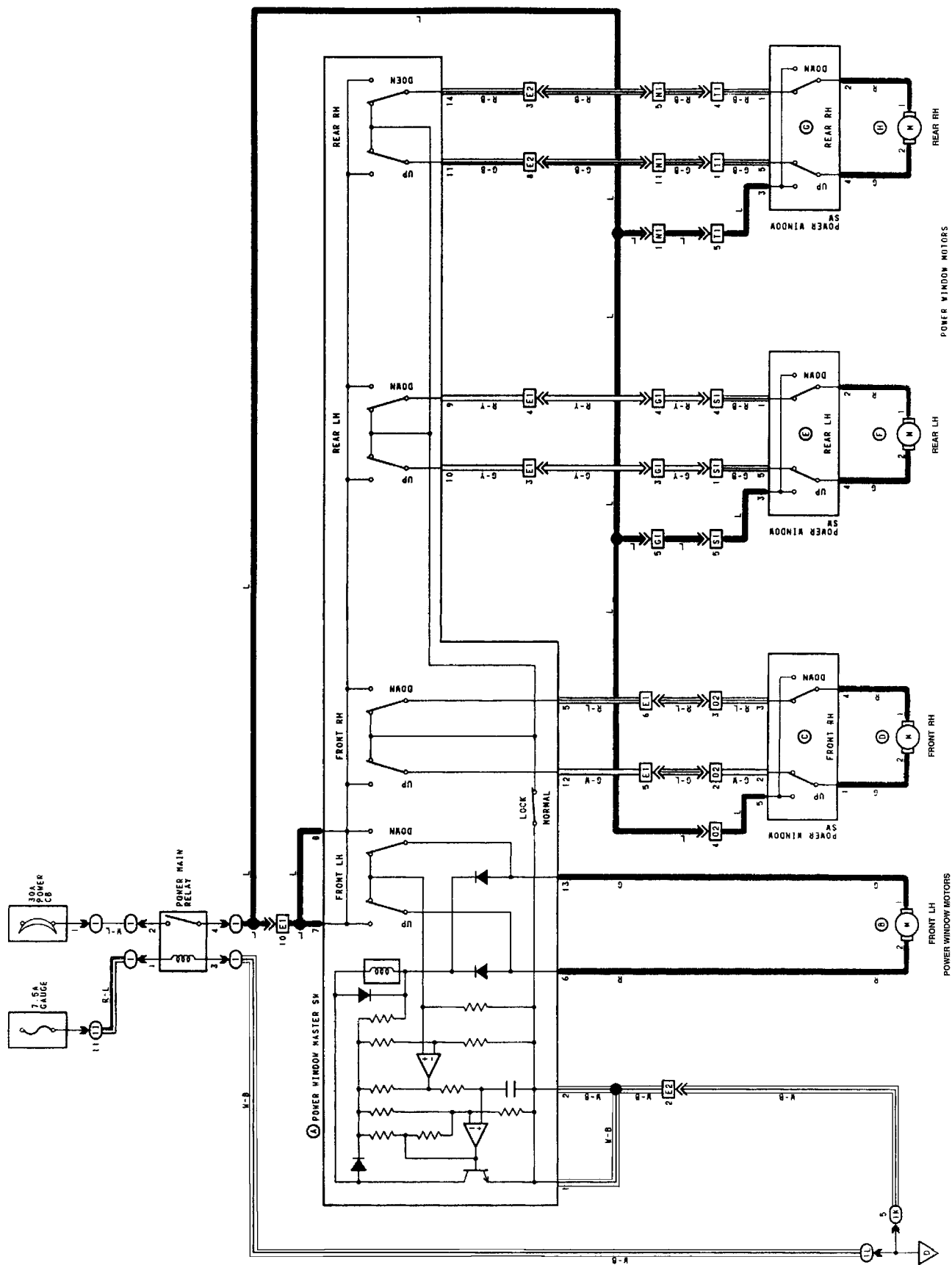
TOYOTA POWER WINDOWS



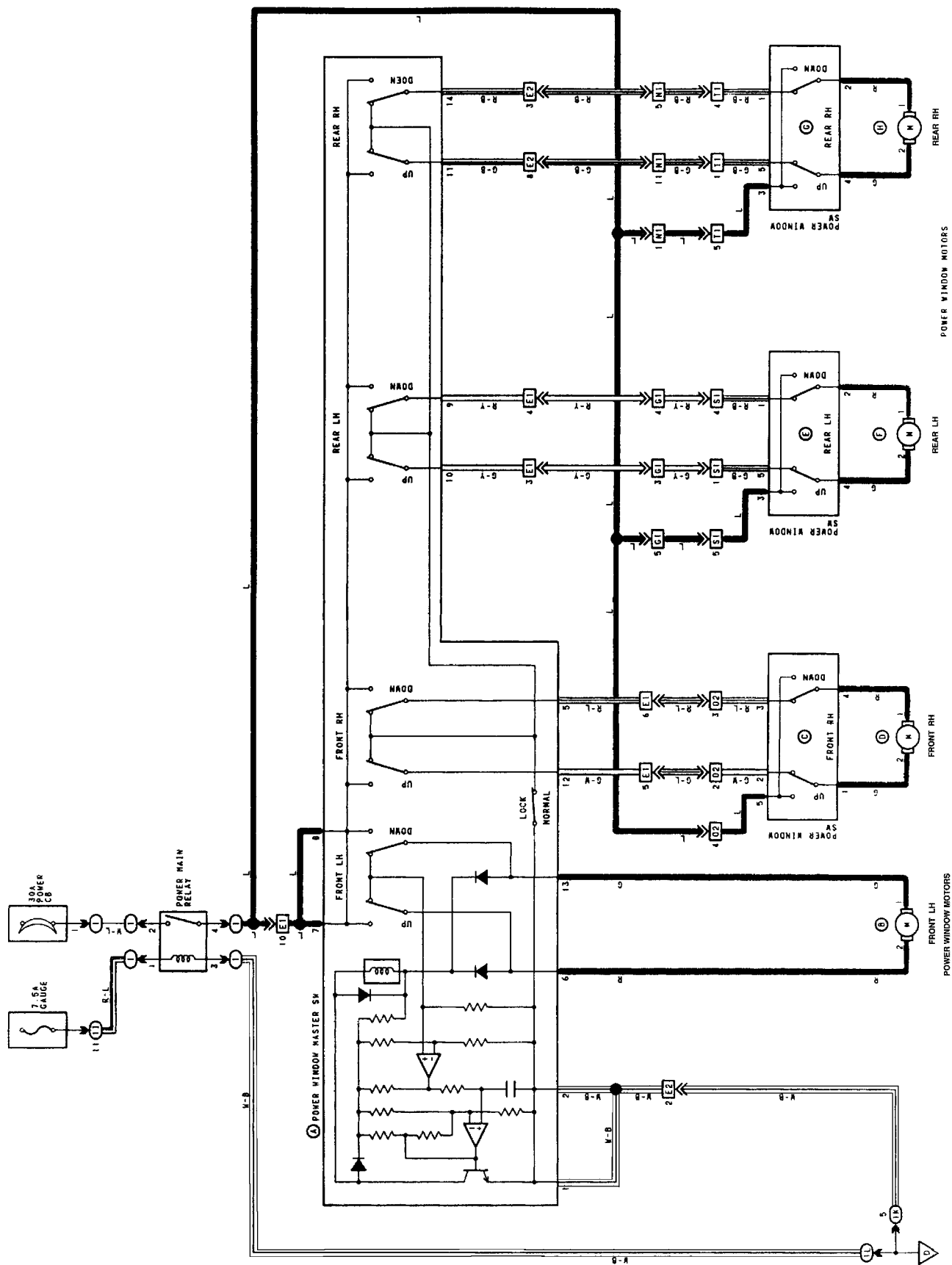
TOYOTA POWER WINDOWS



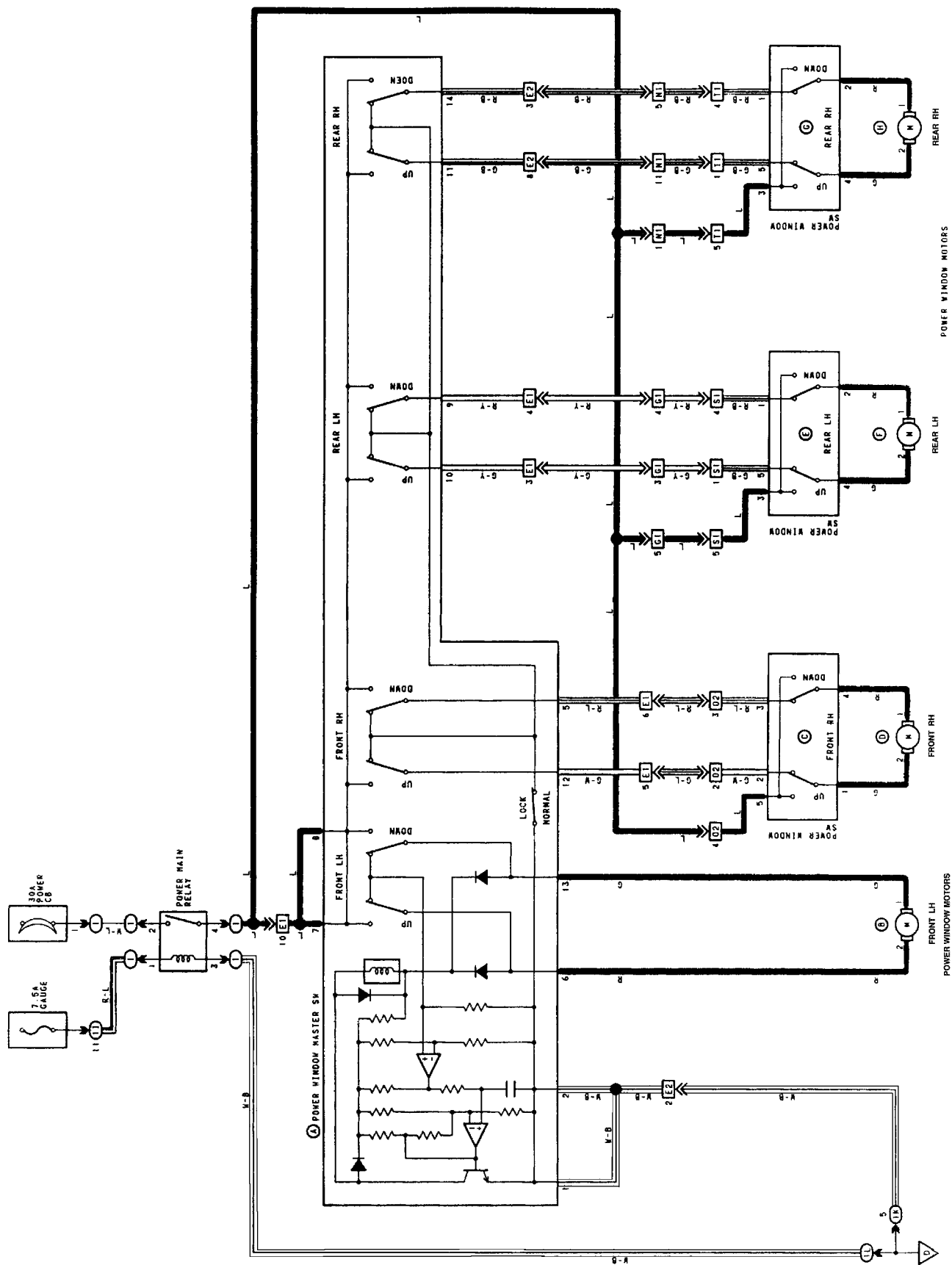
TOYOTA POWER WINDOWS



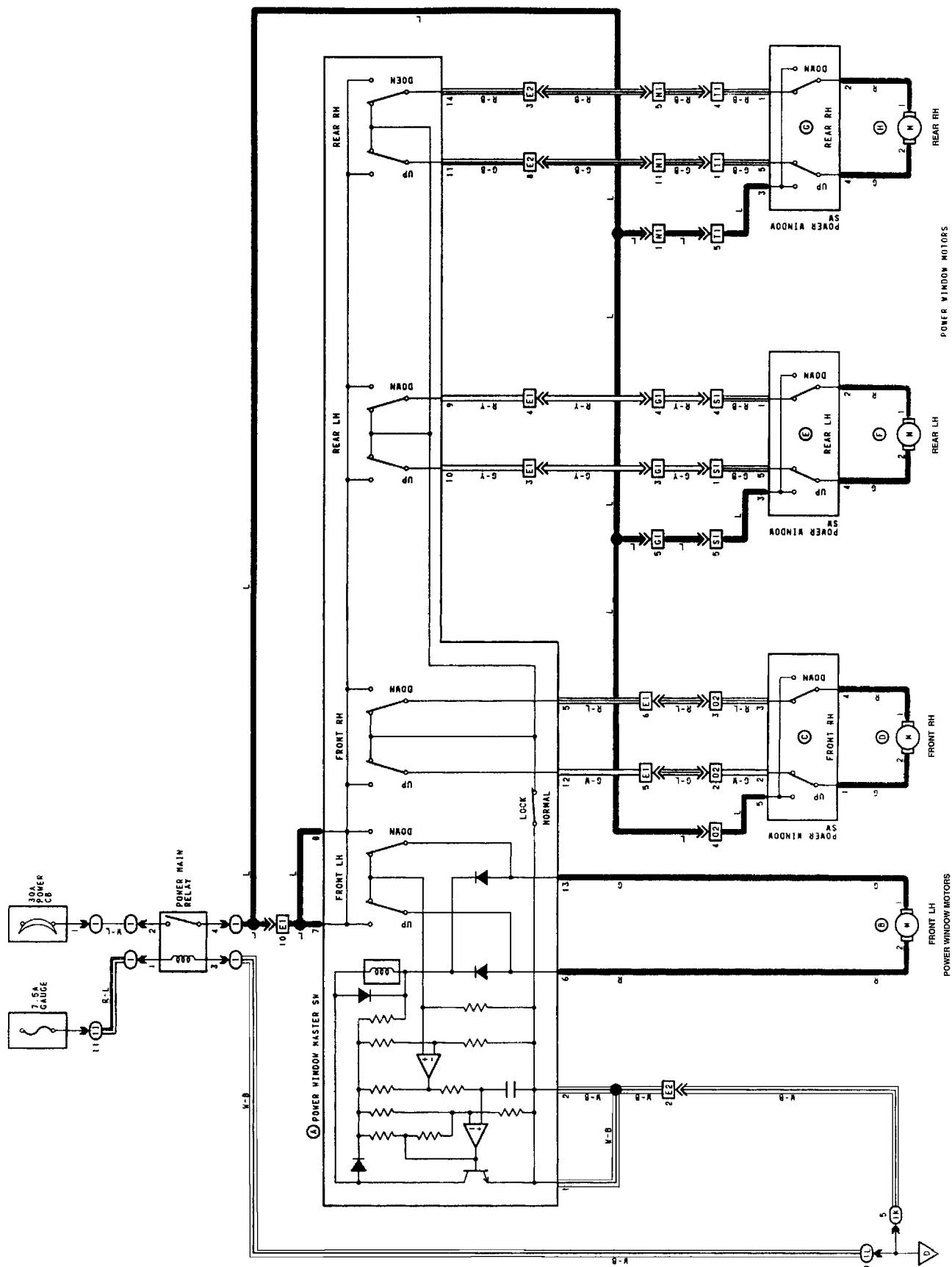
TOYOTA POWER WINDOWS



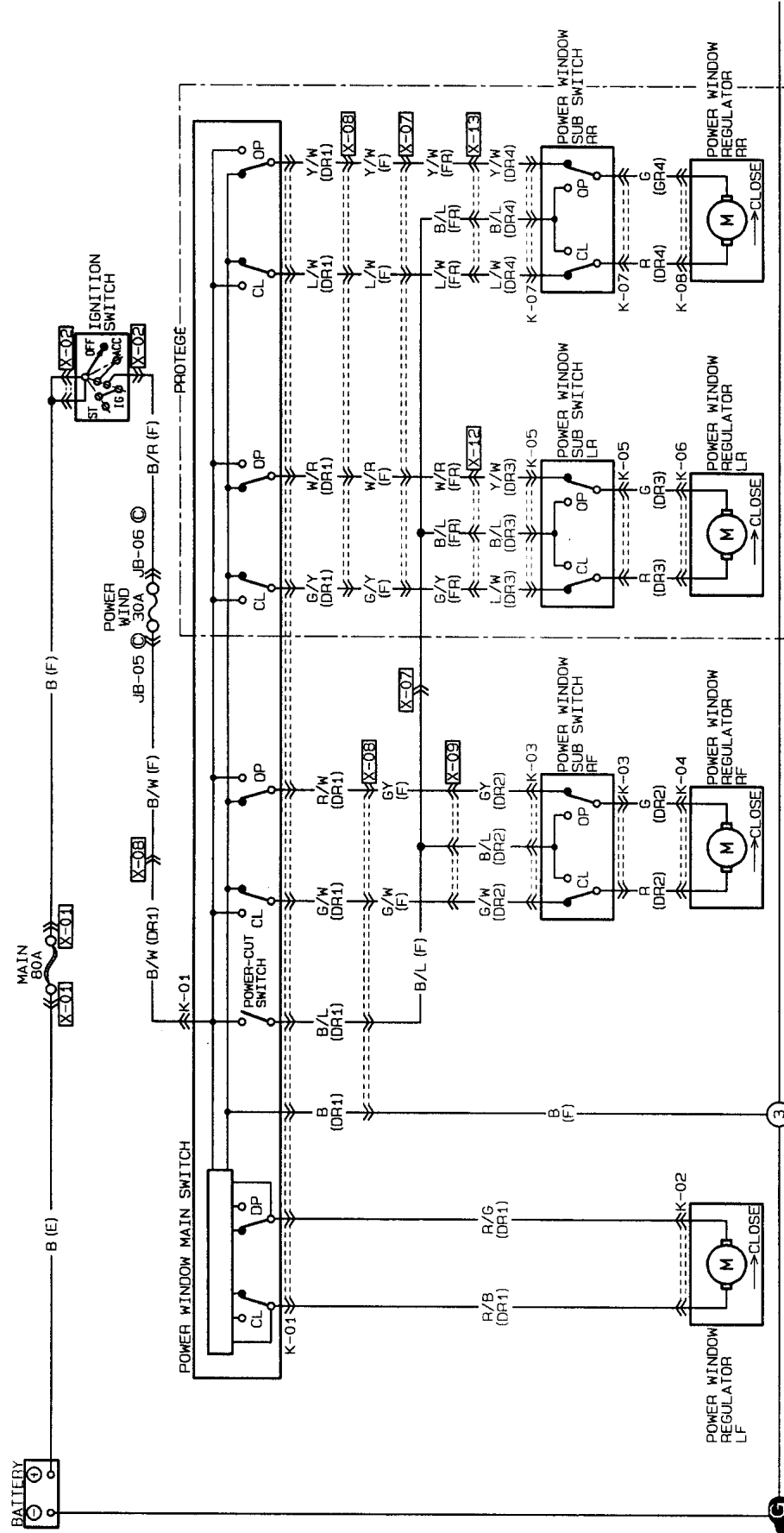
TOYOTA POWER WINDOWS



TOYOTA POWER WINDOWS

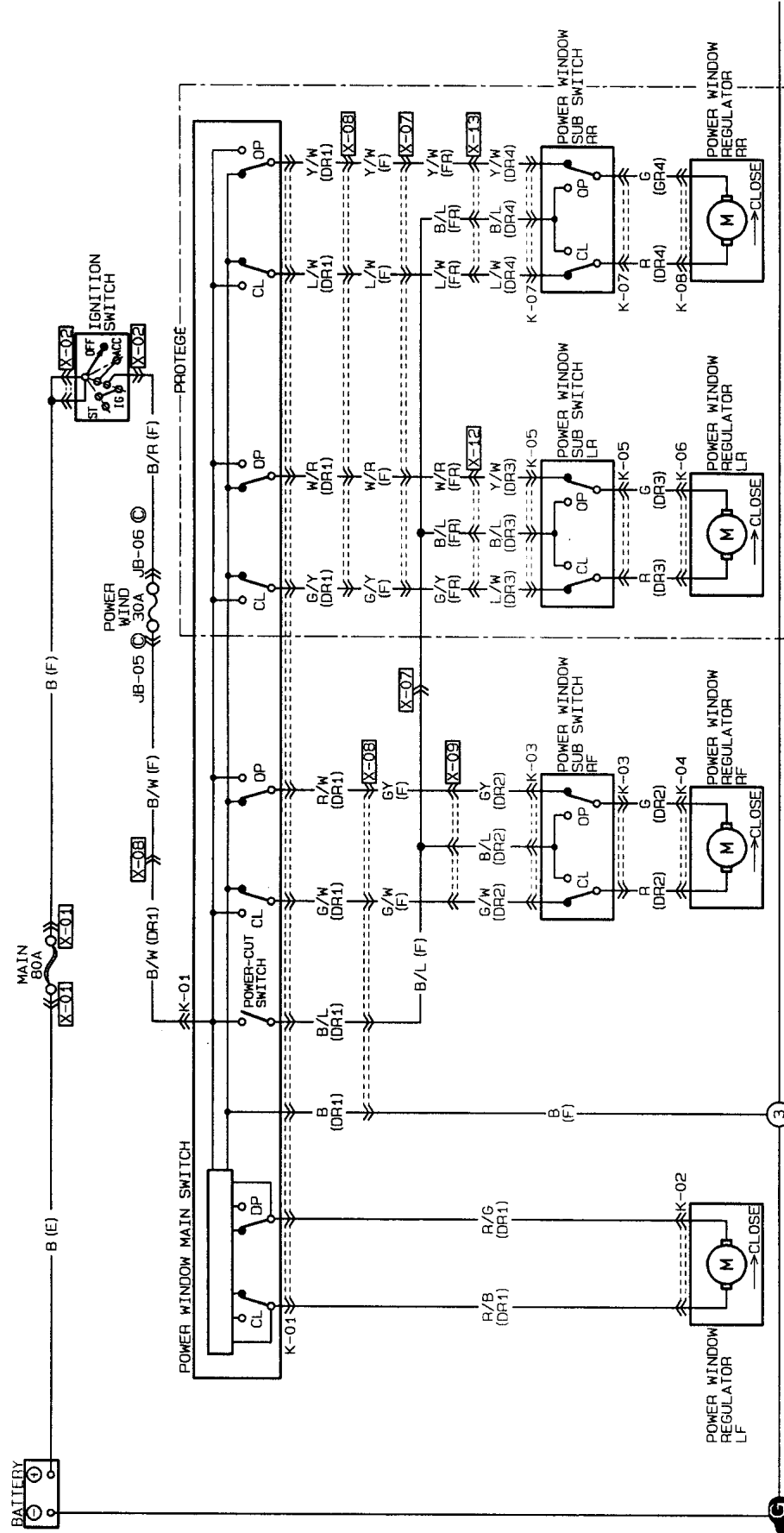


MAZDA POWER WINDOW

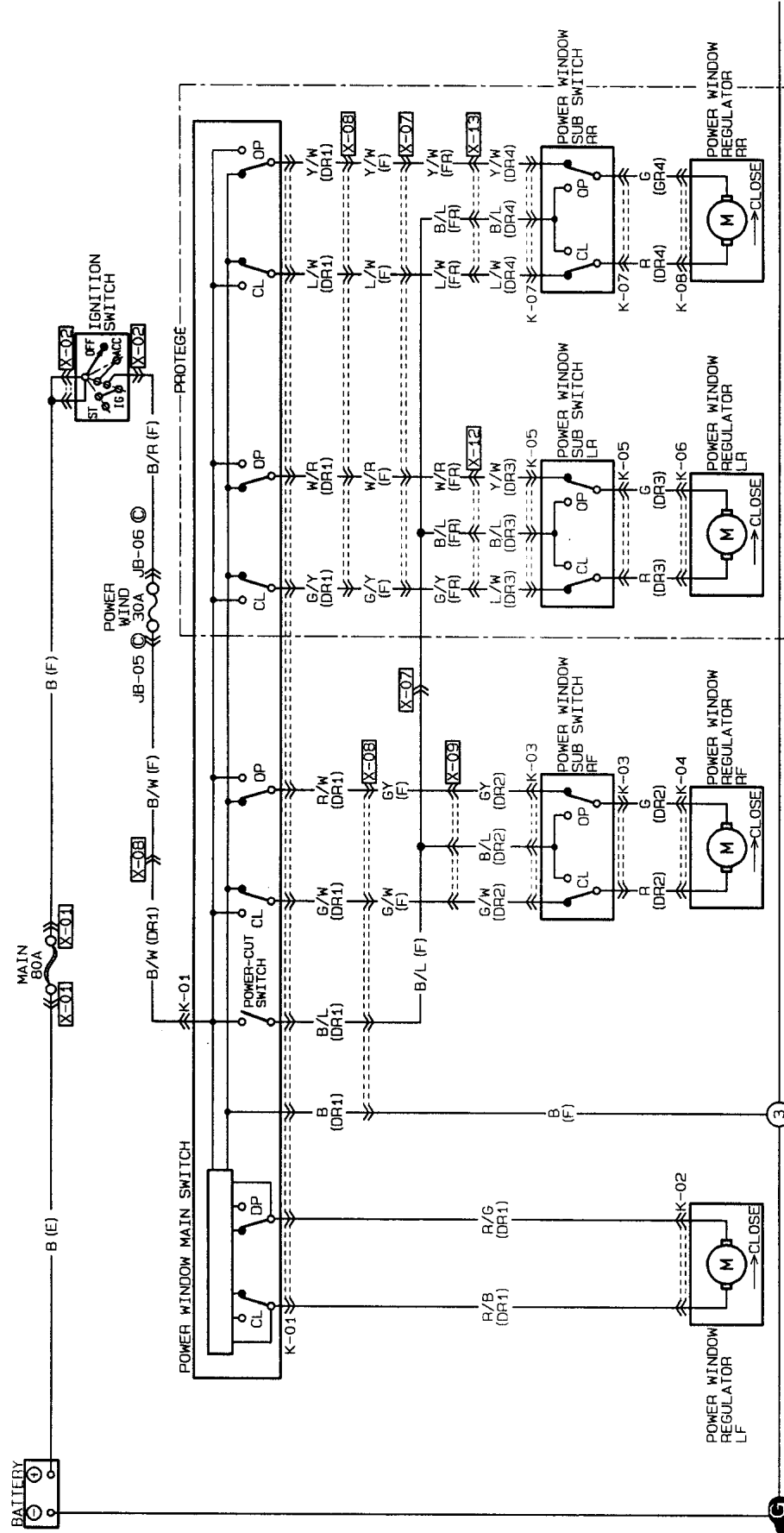




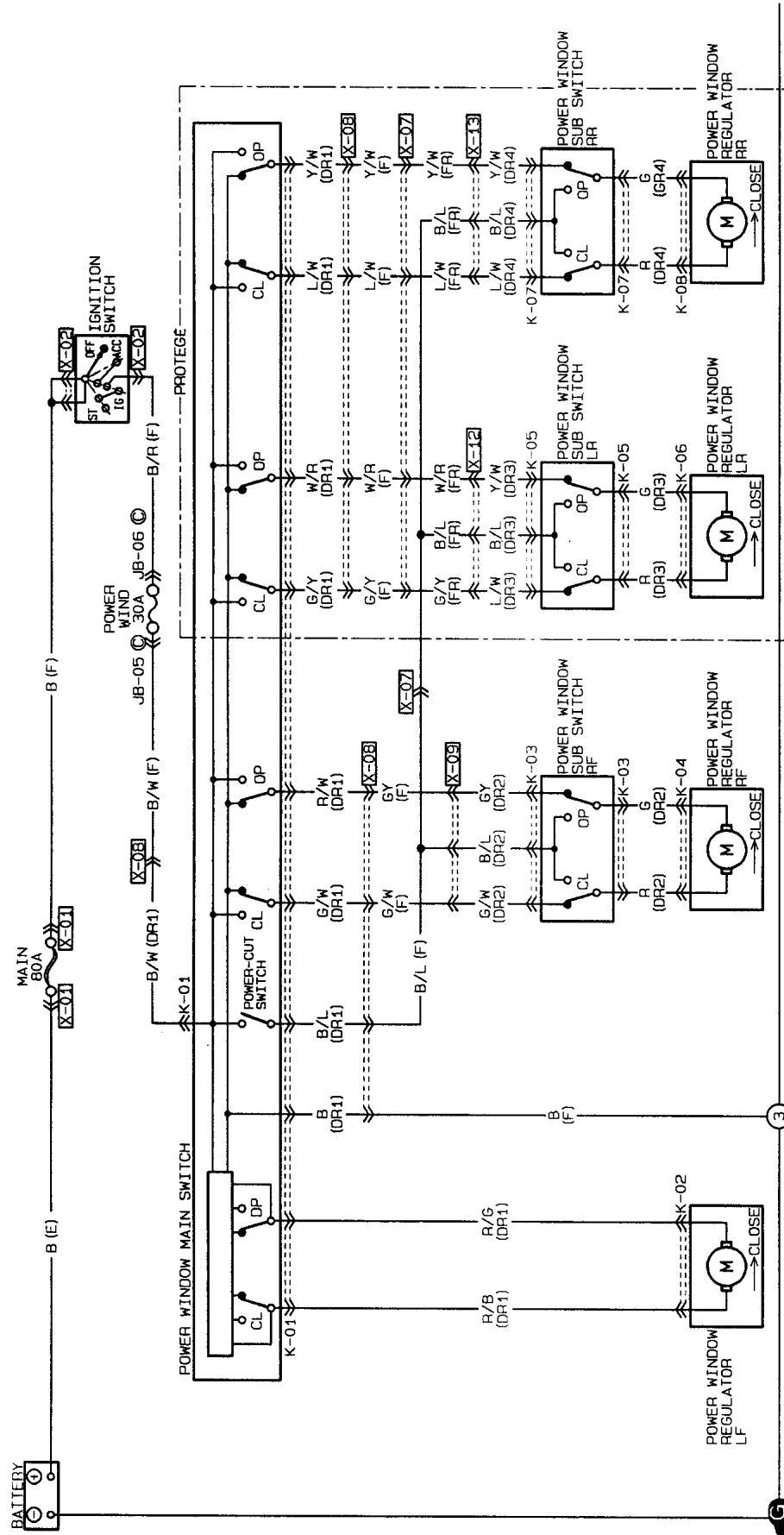
MAZDA POWER WINDOW



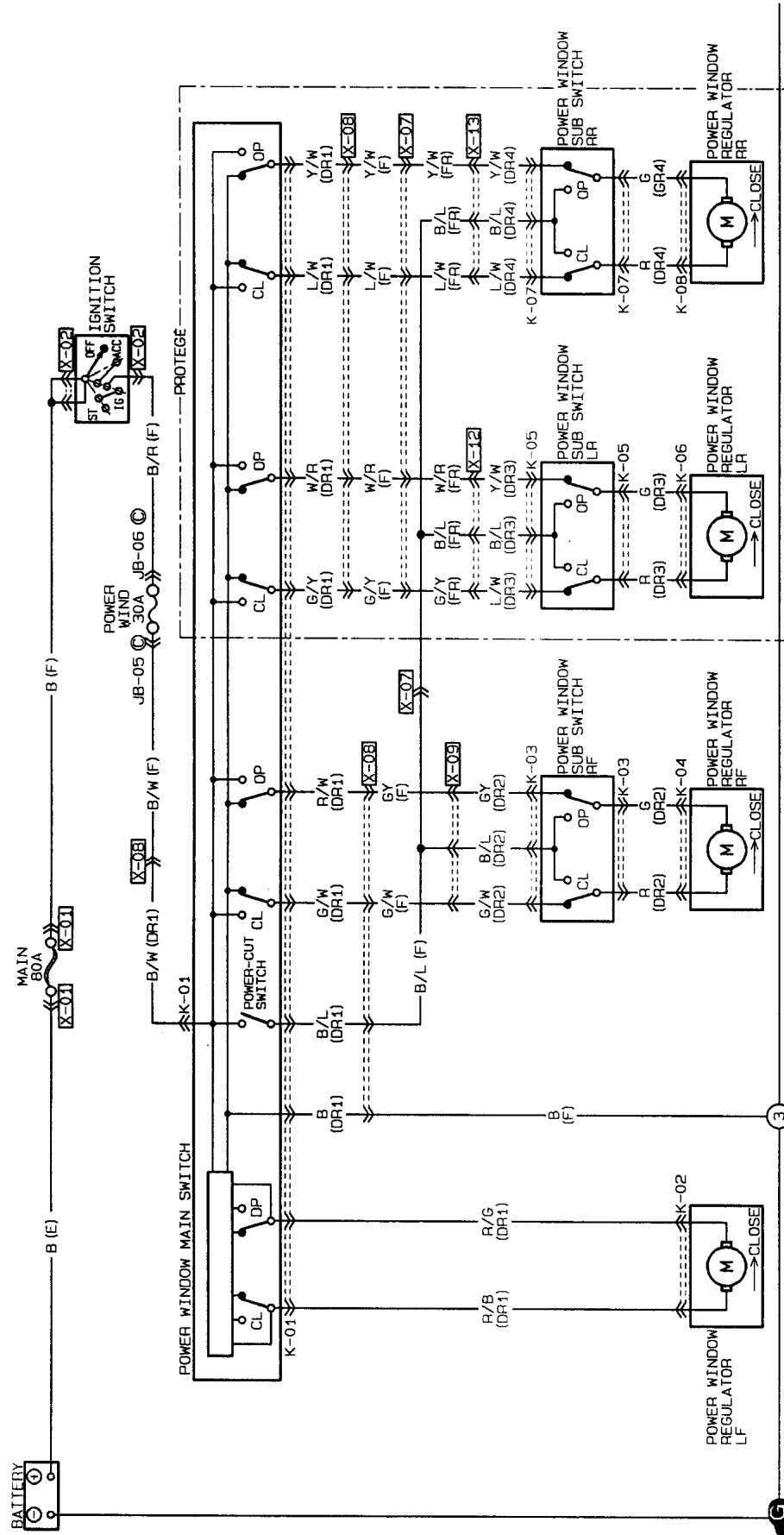
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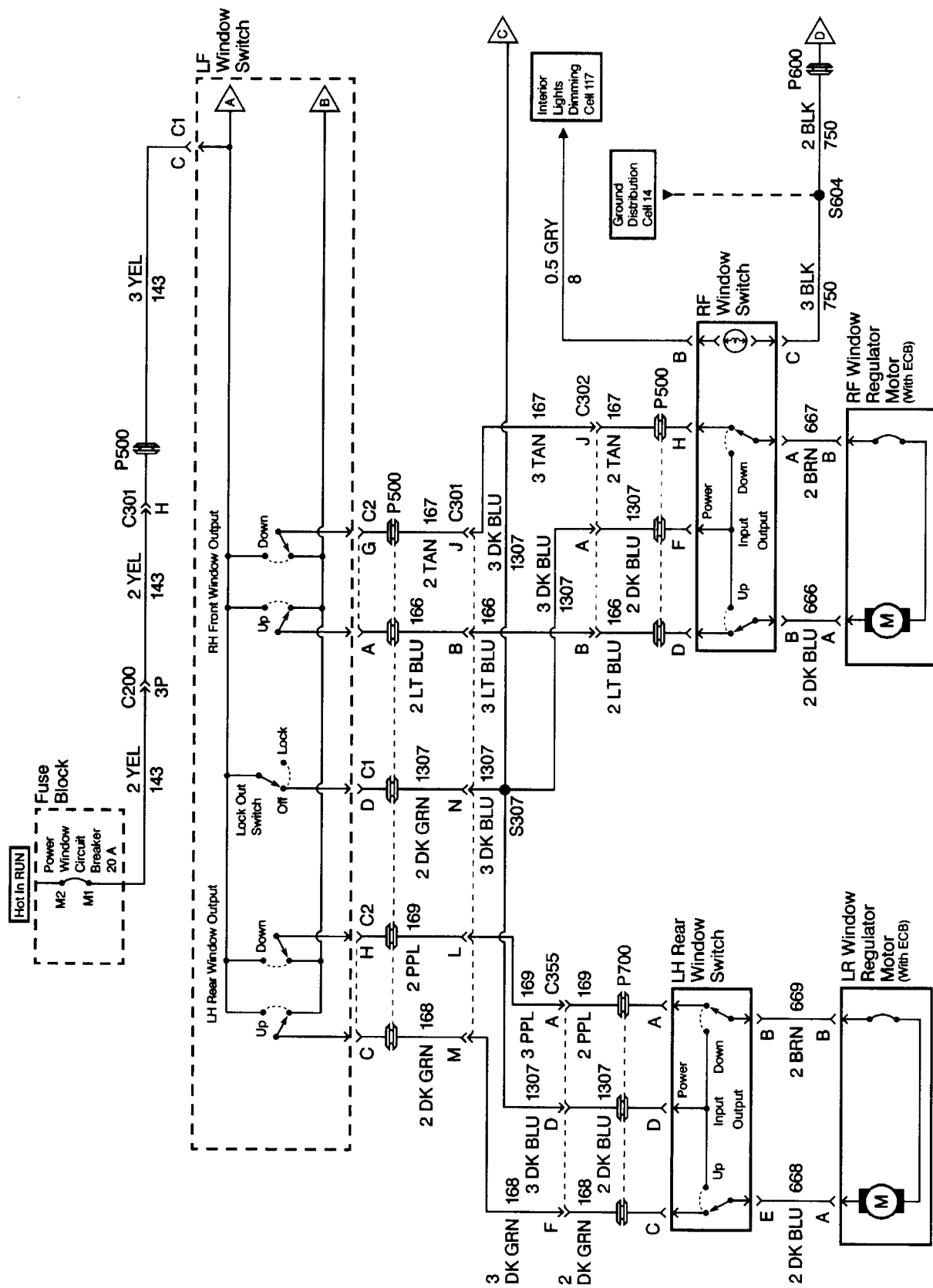
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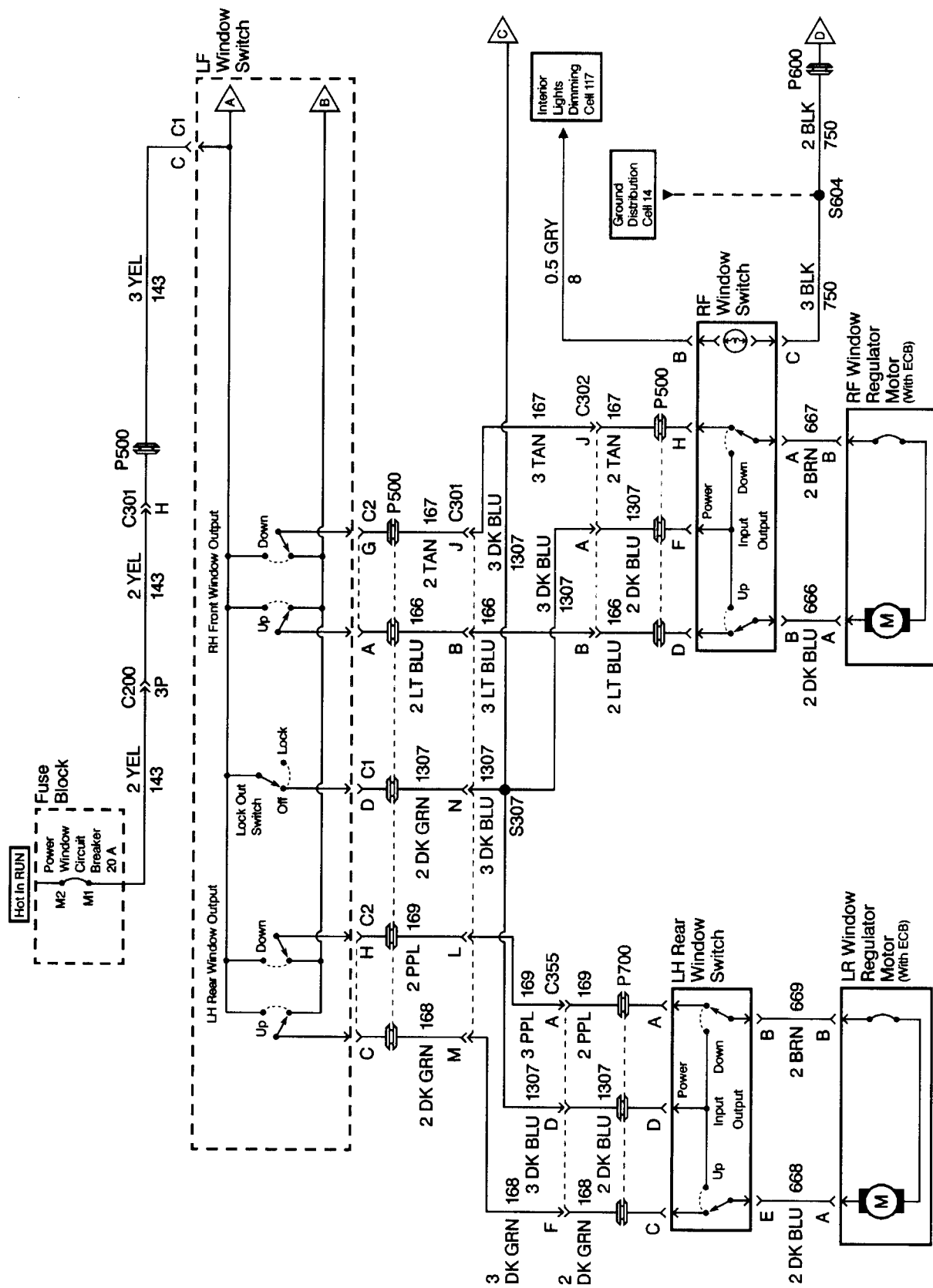
MAZDA POWER WINDOW



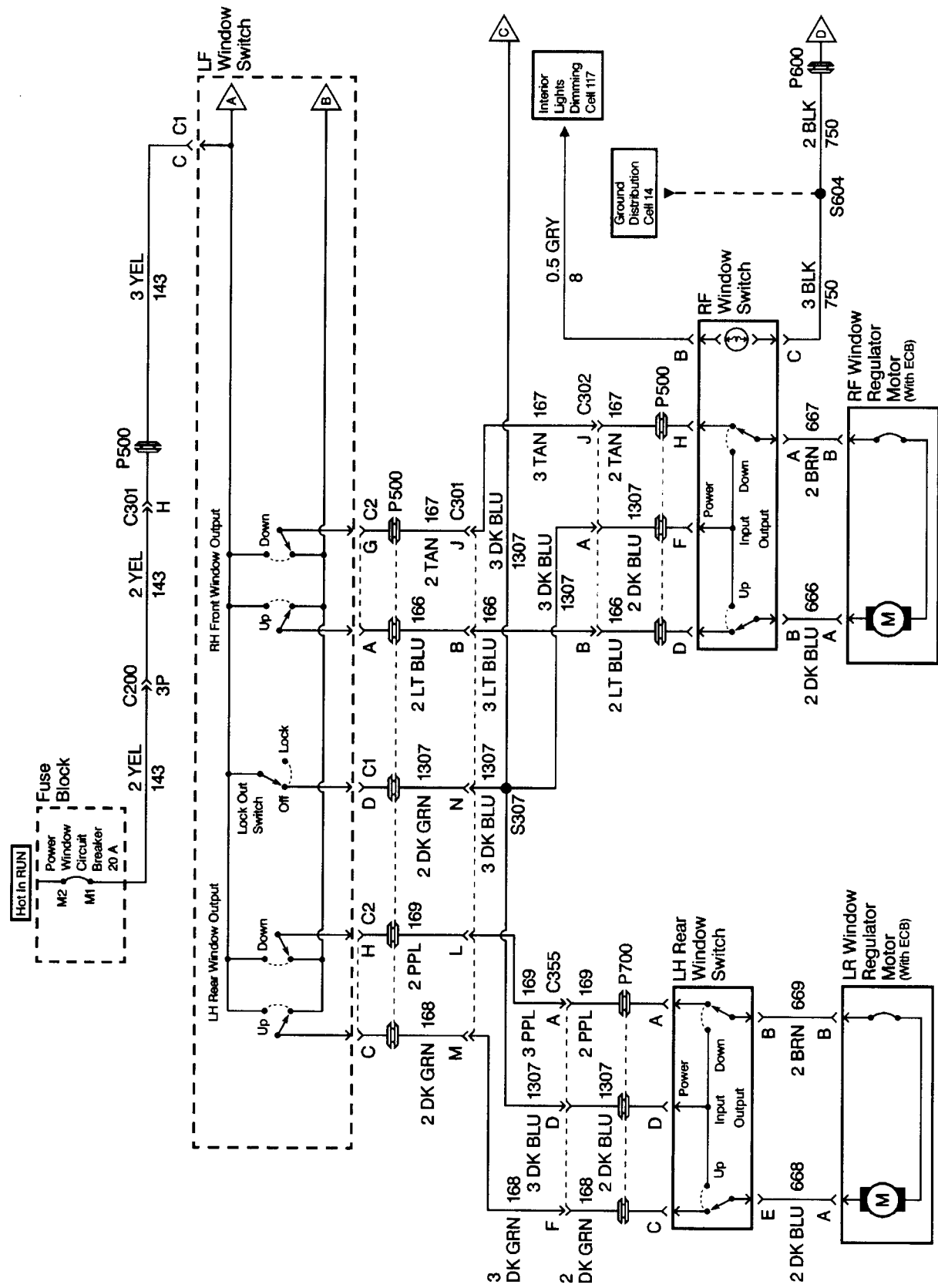
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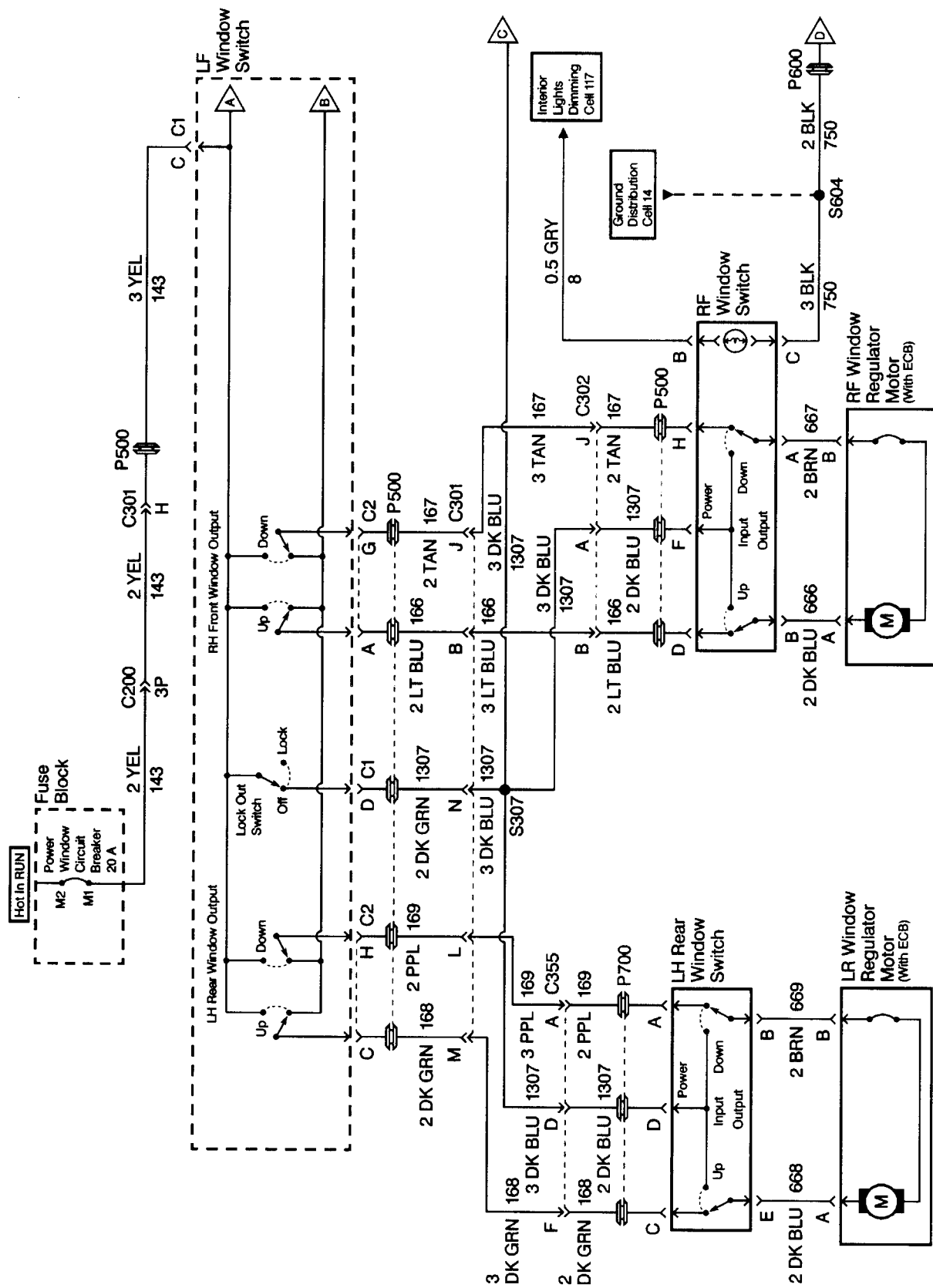
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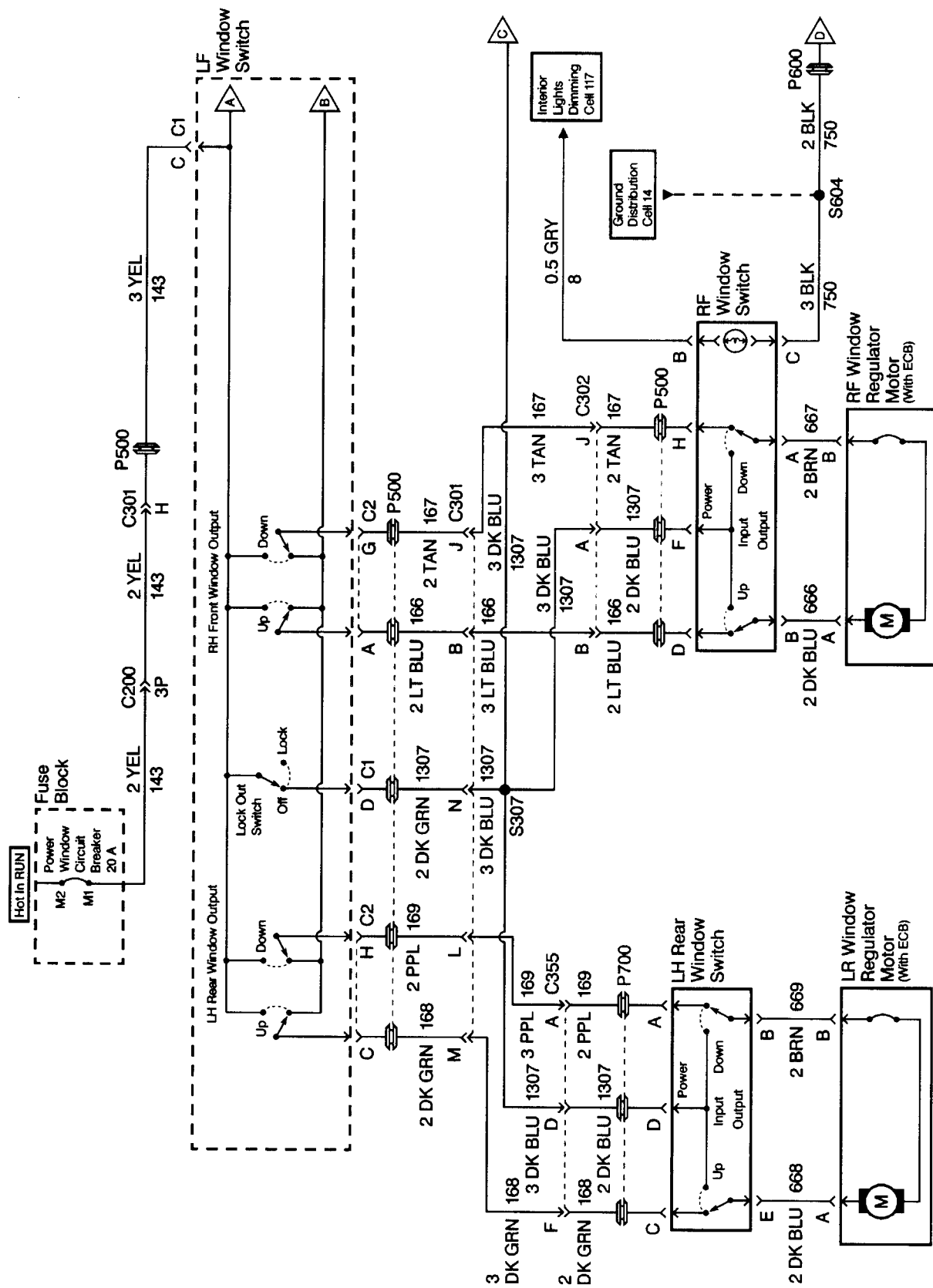
GM WINDOWS - PART A



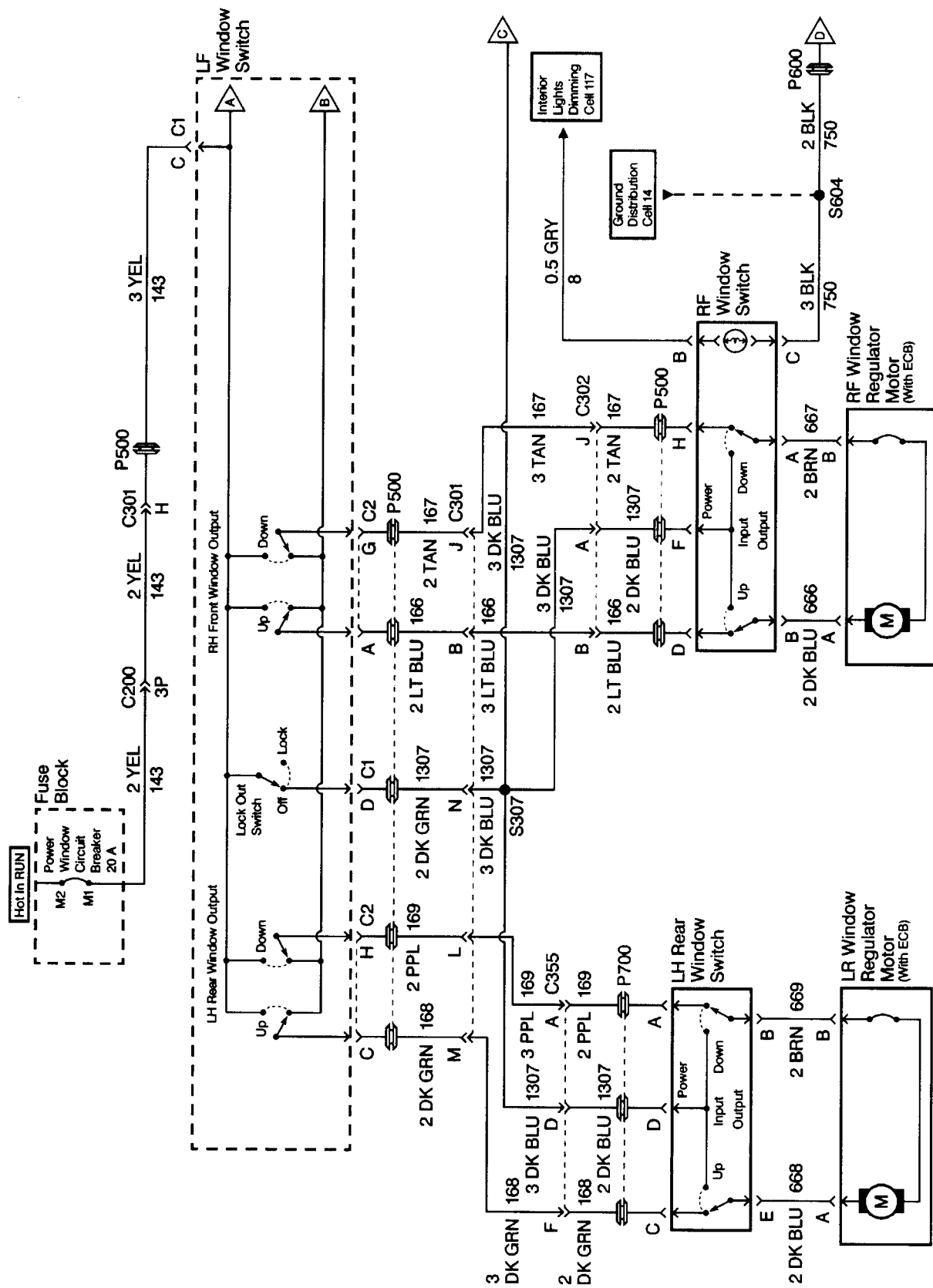
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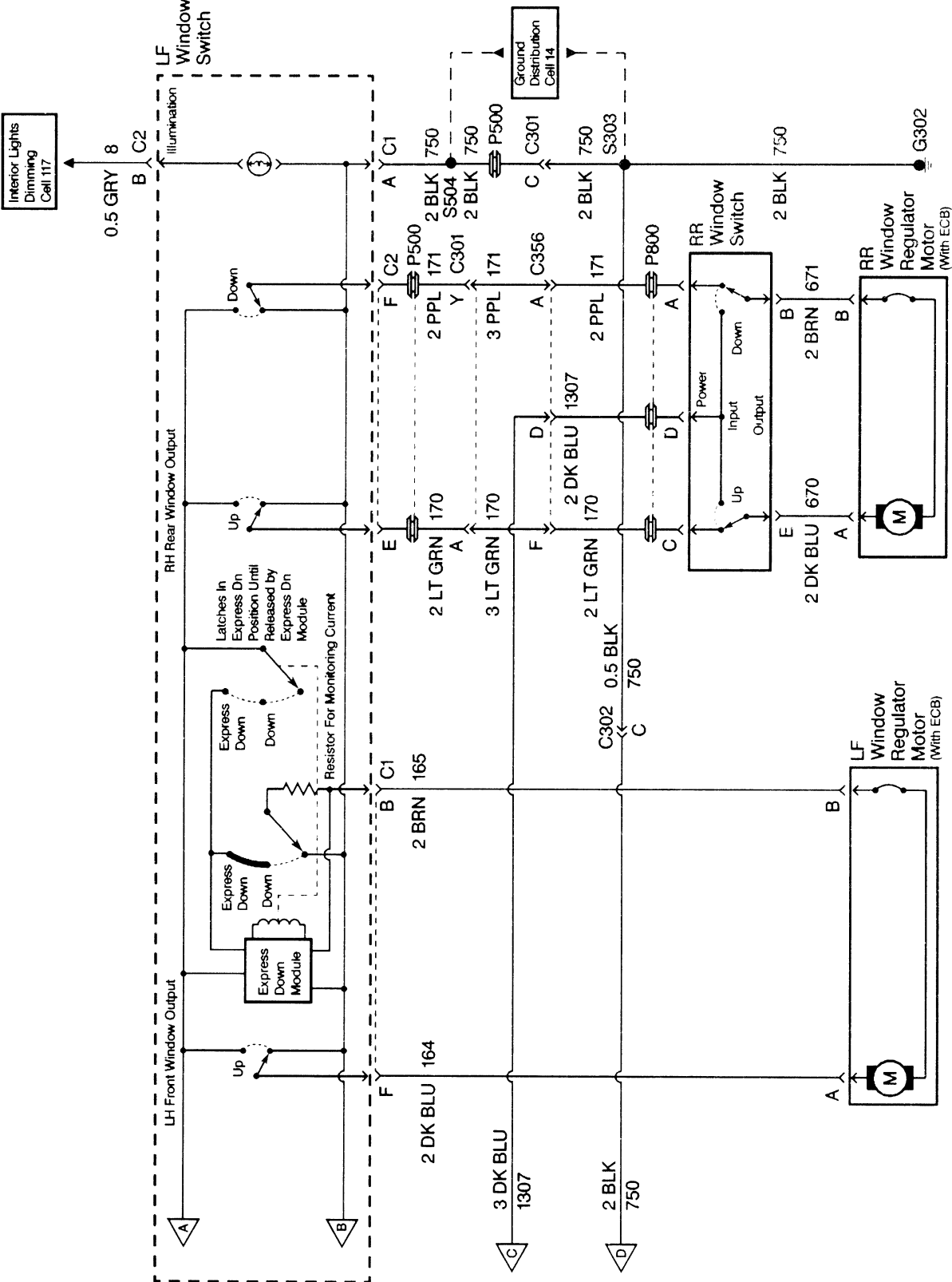


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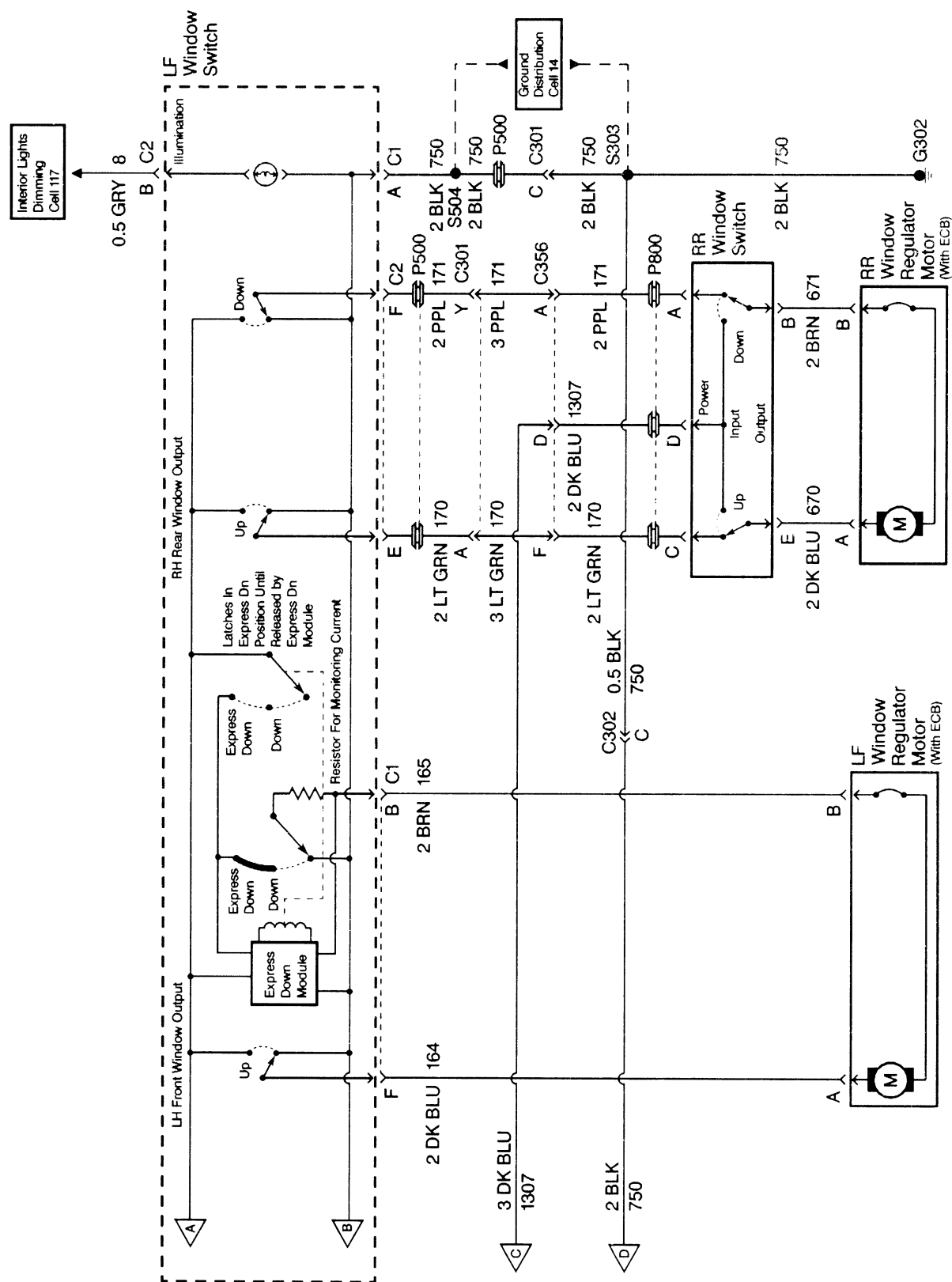


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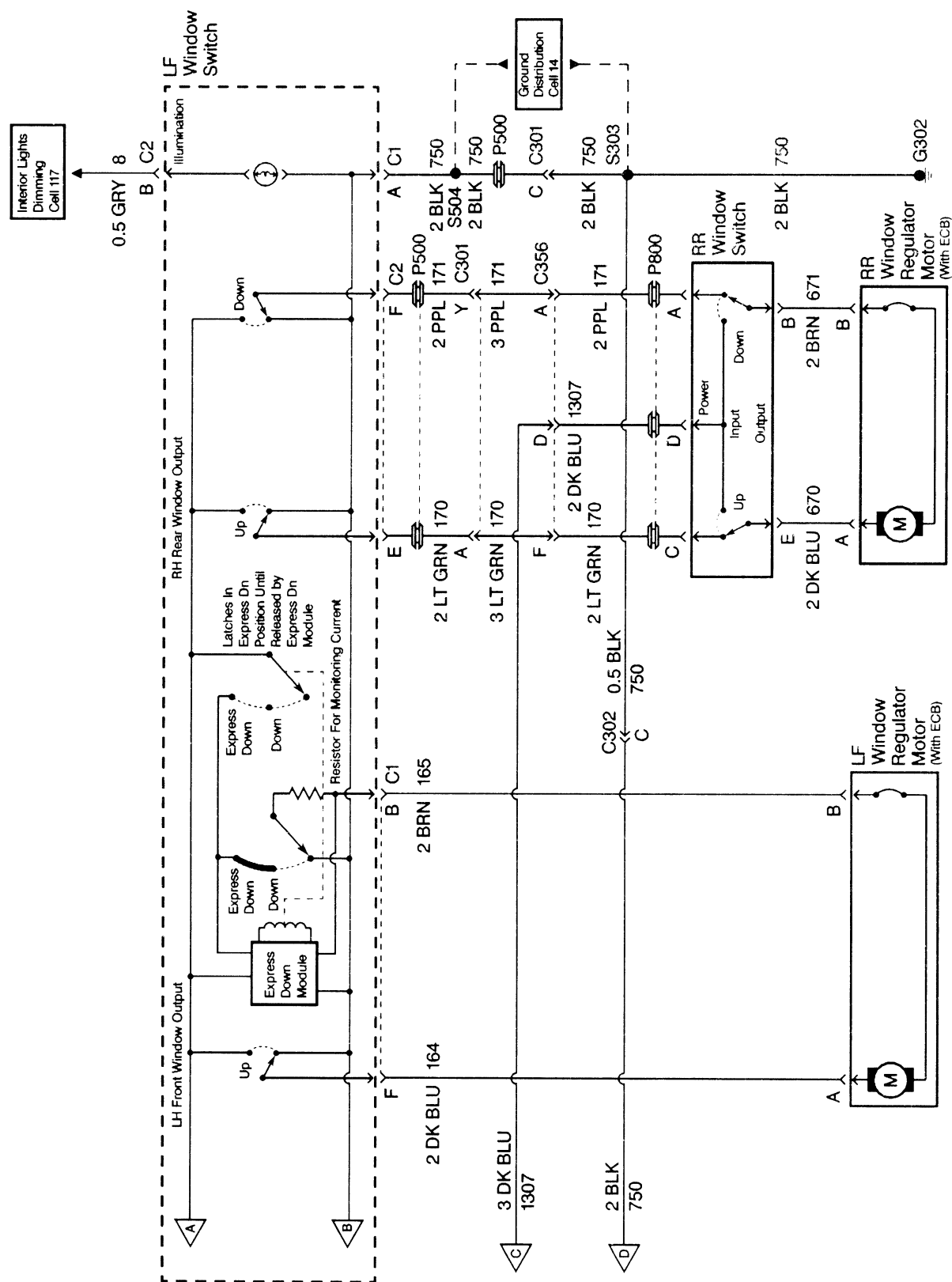




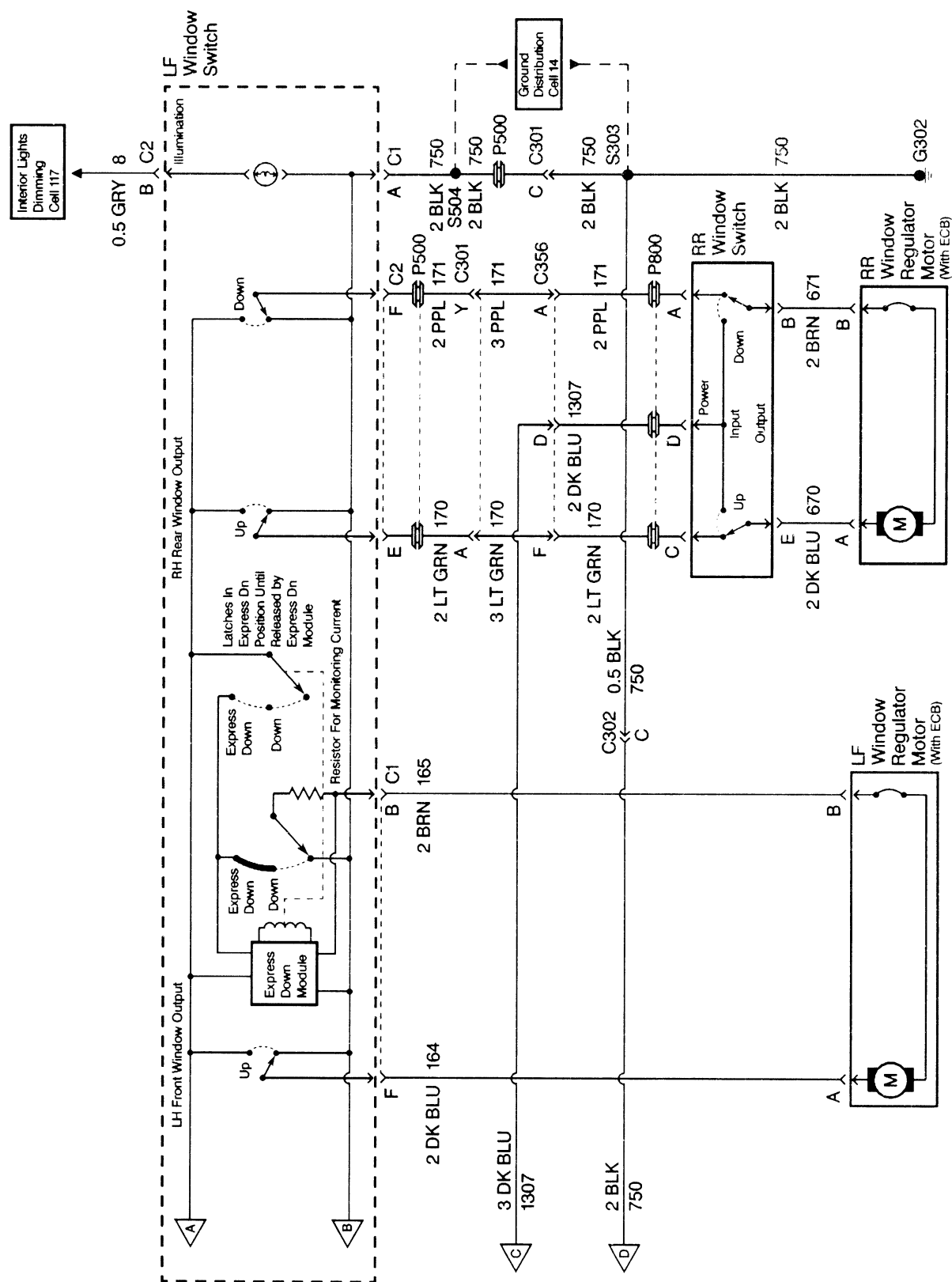
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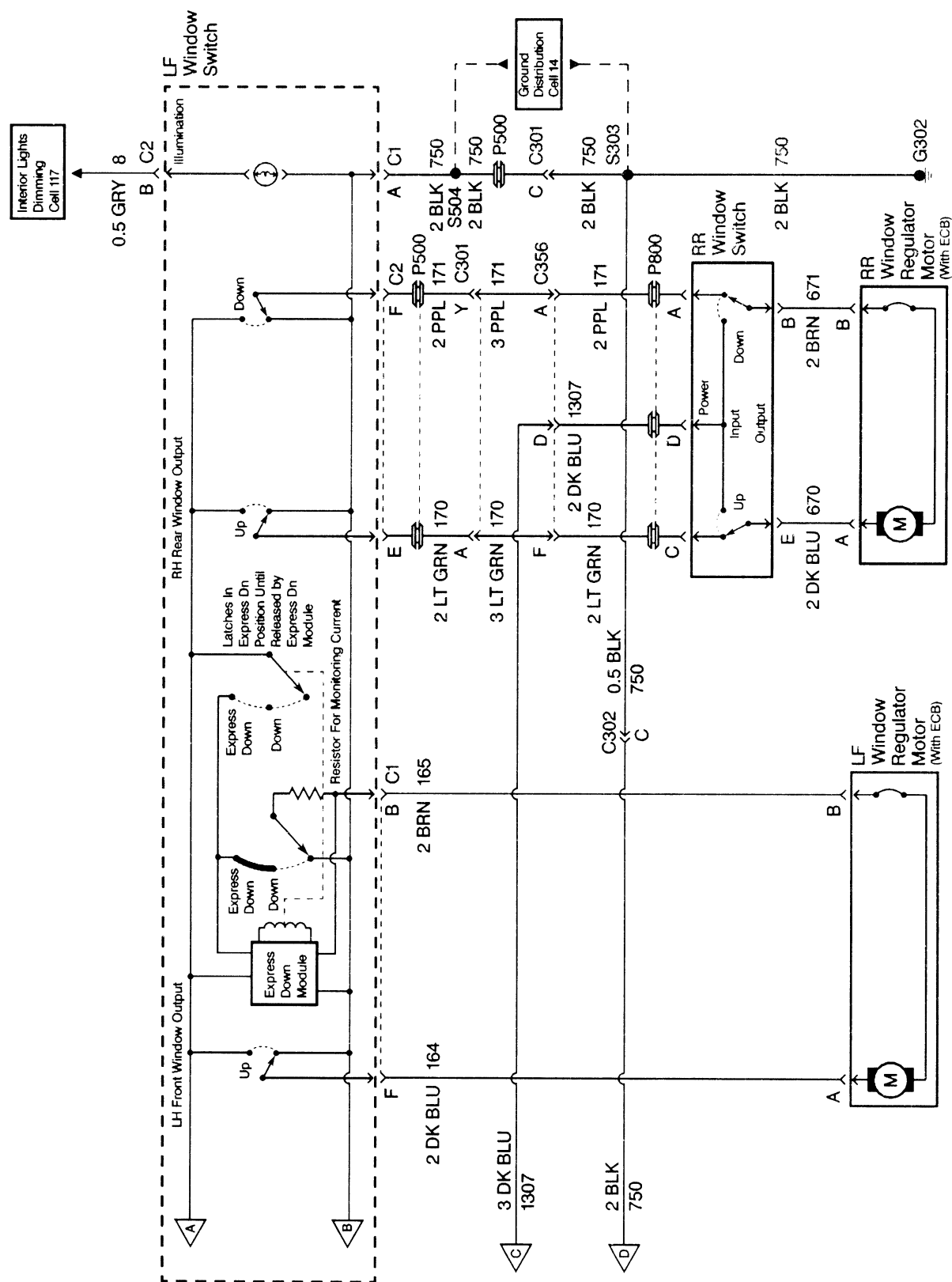
GM WINDOWS - PART B

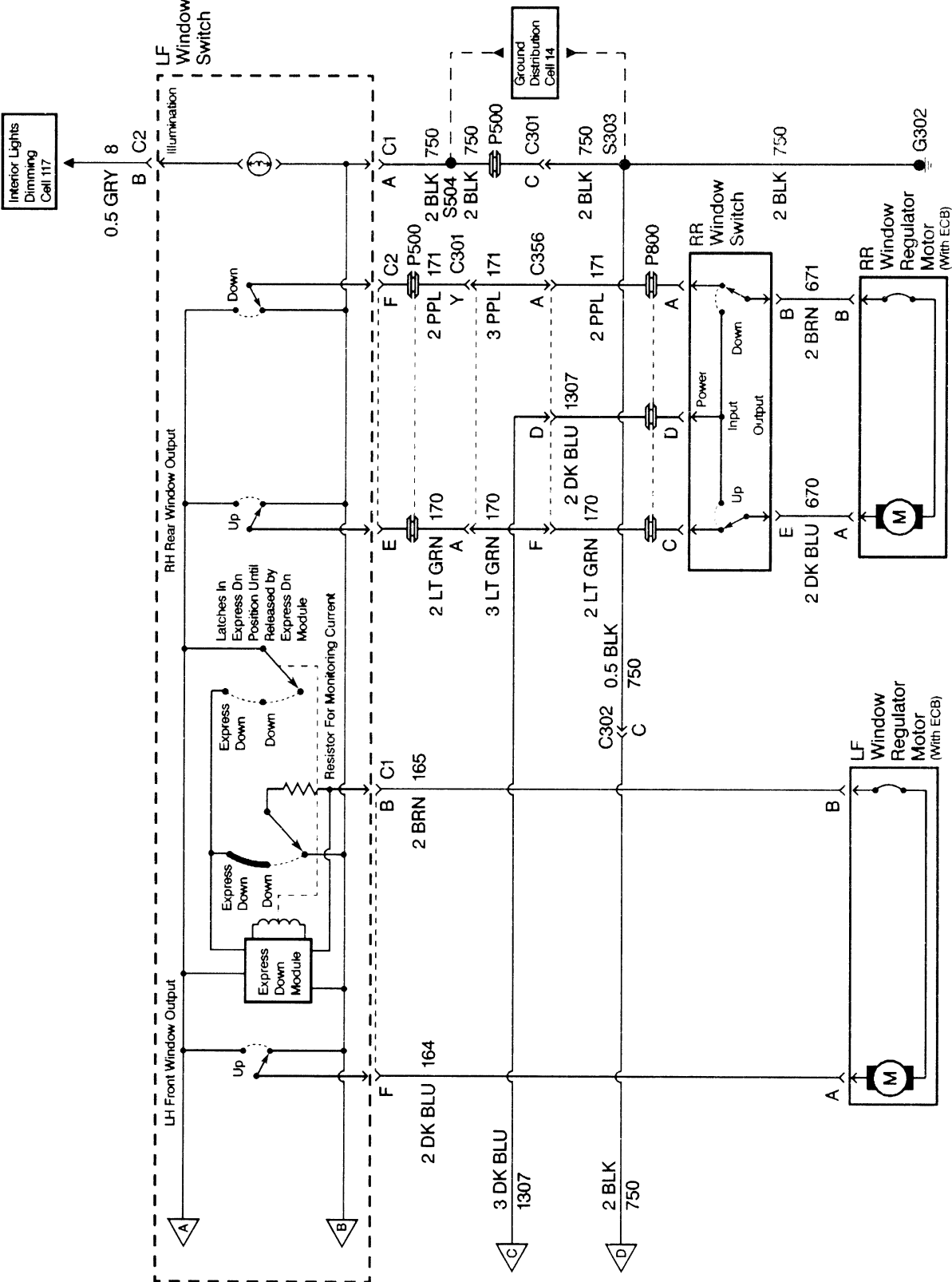


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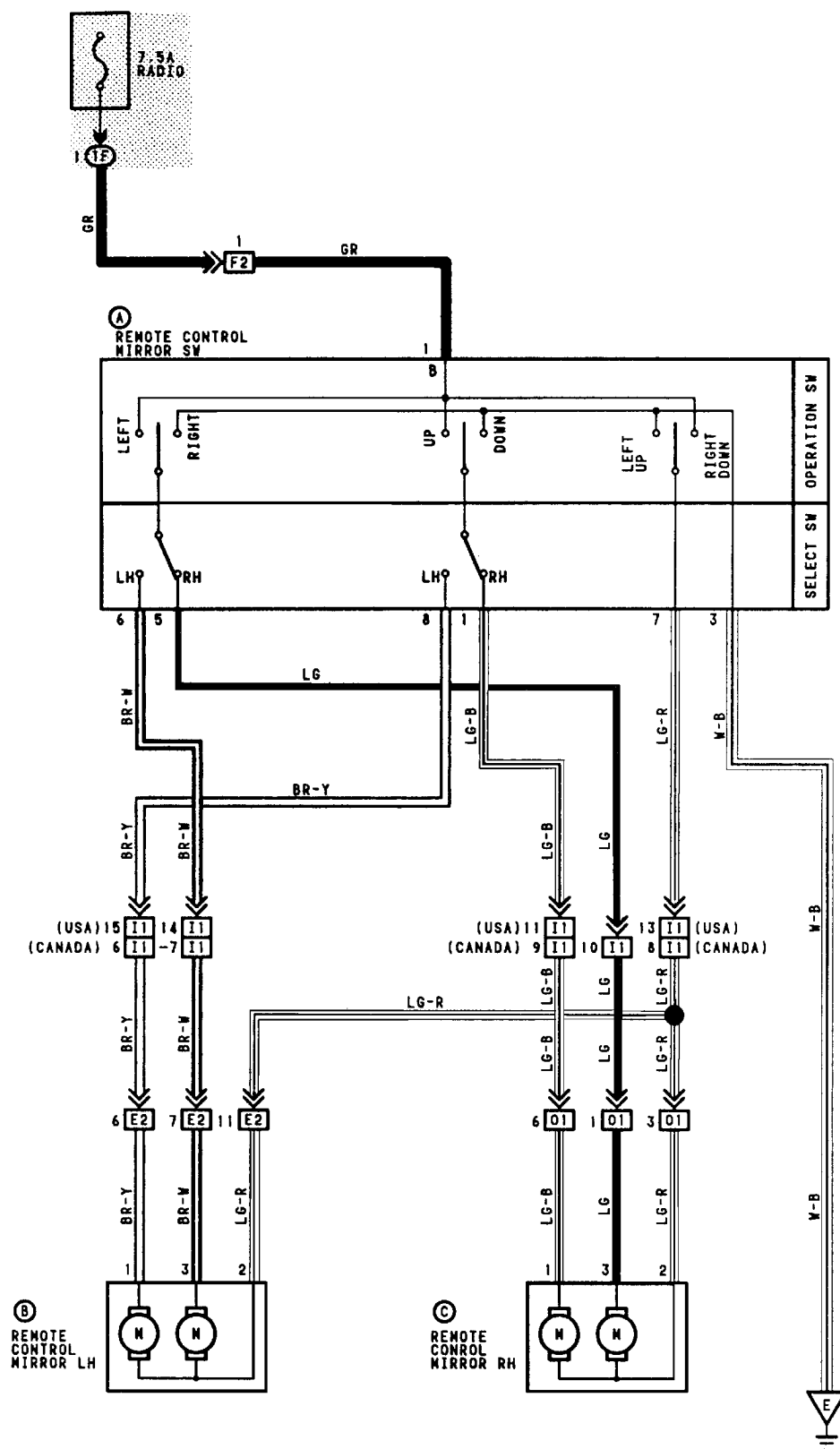


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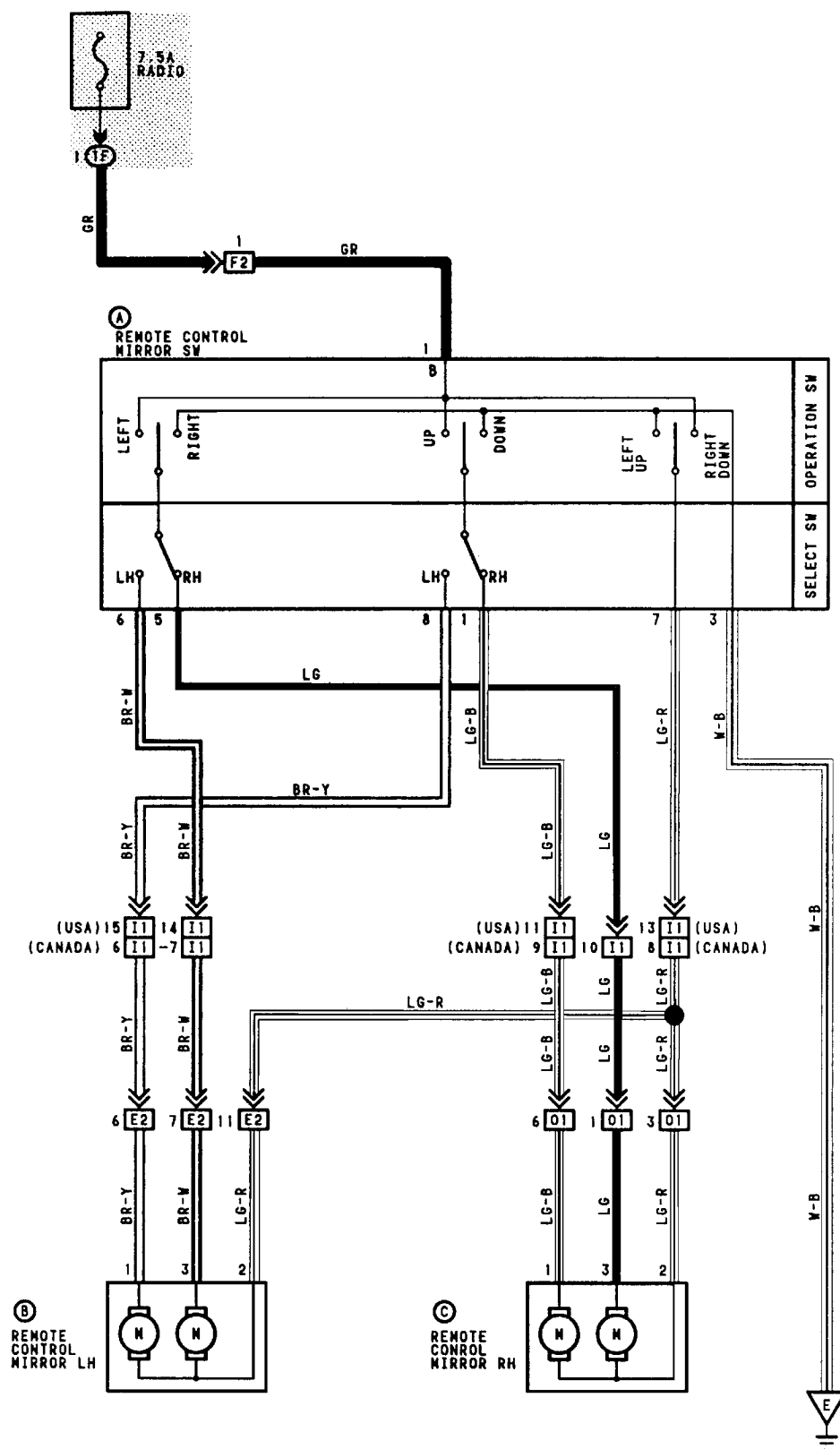




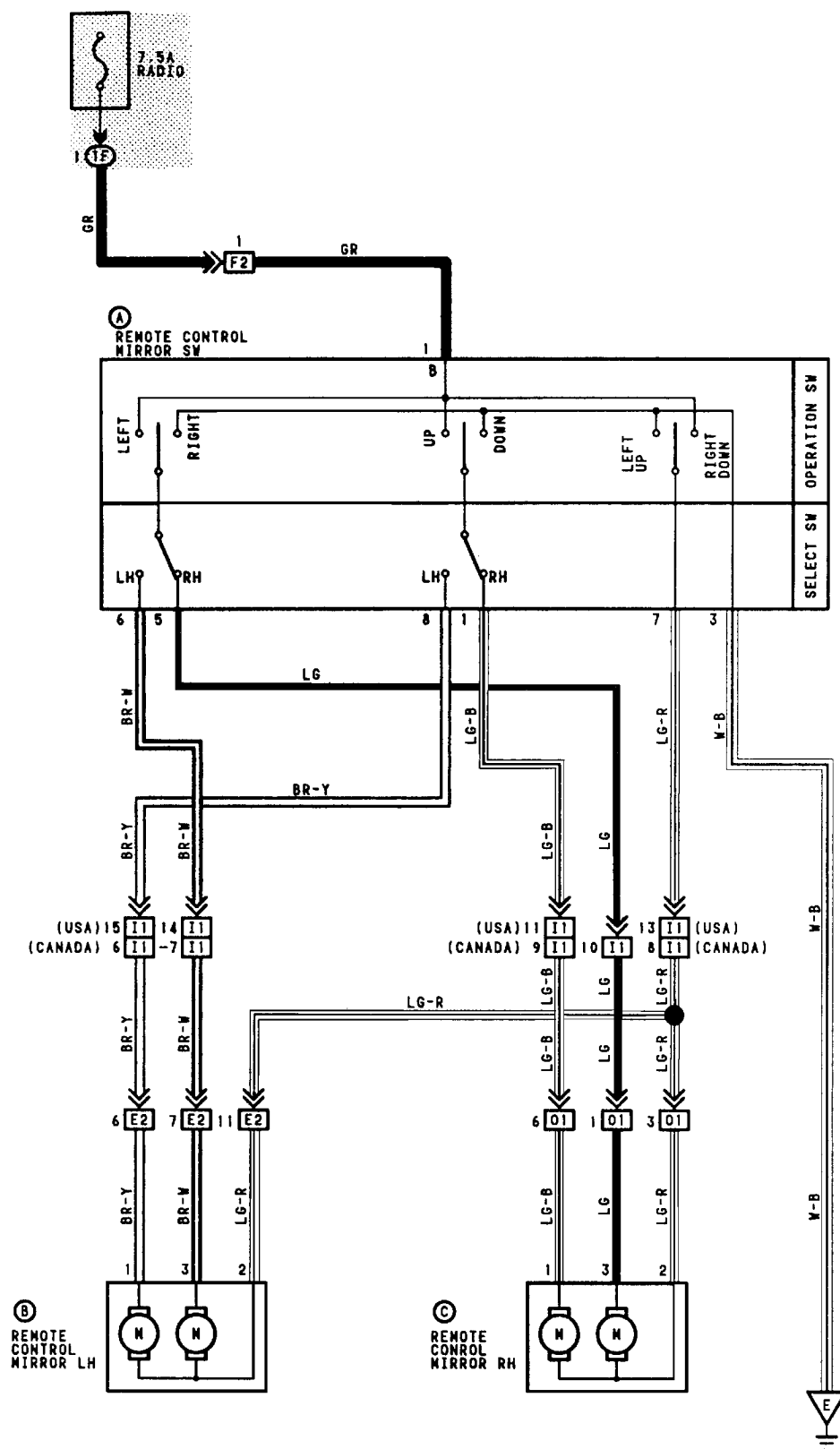
TOYOTA POWER MIRRORS



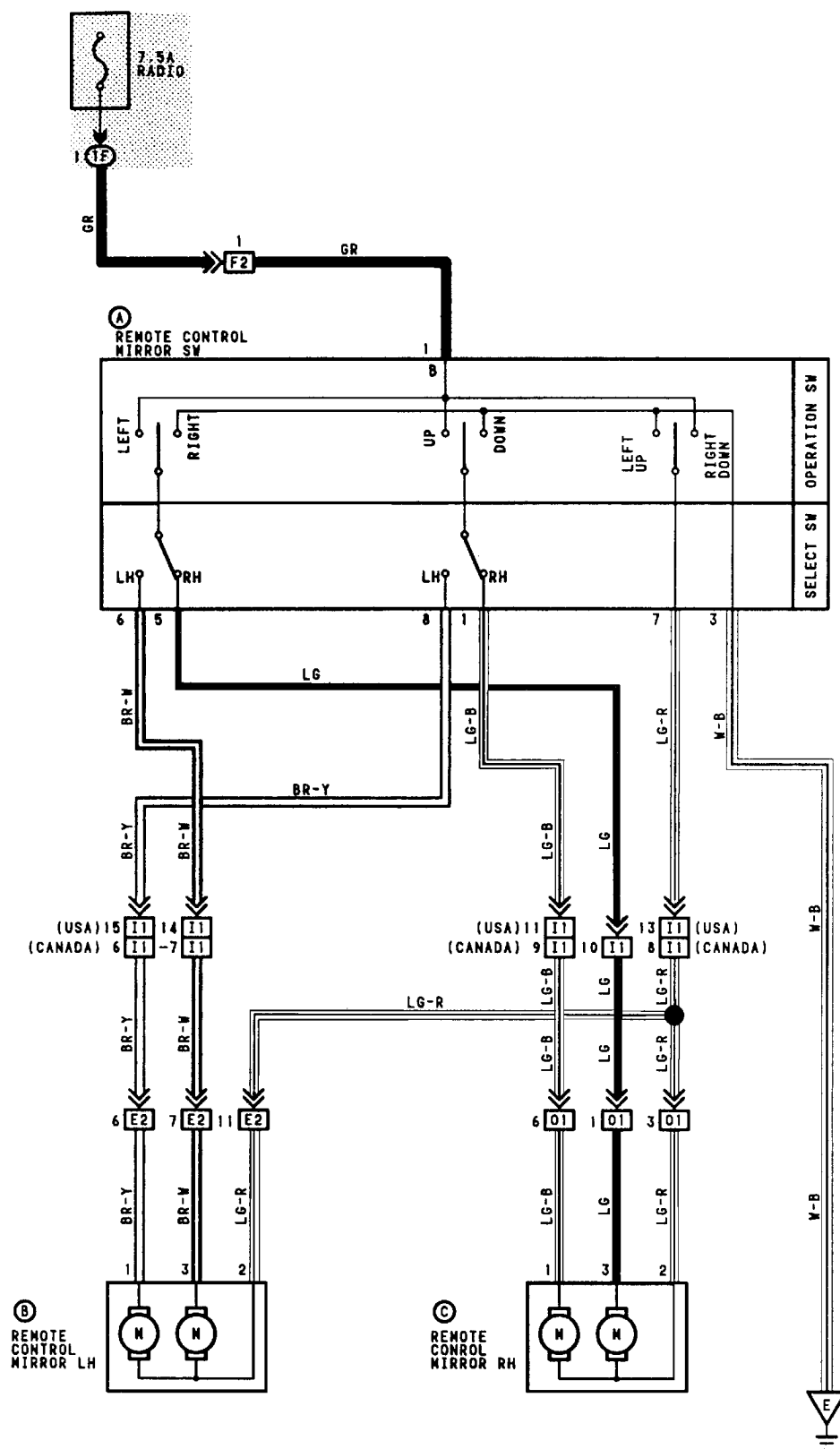
TOYOTA POWER MIRRORS



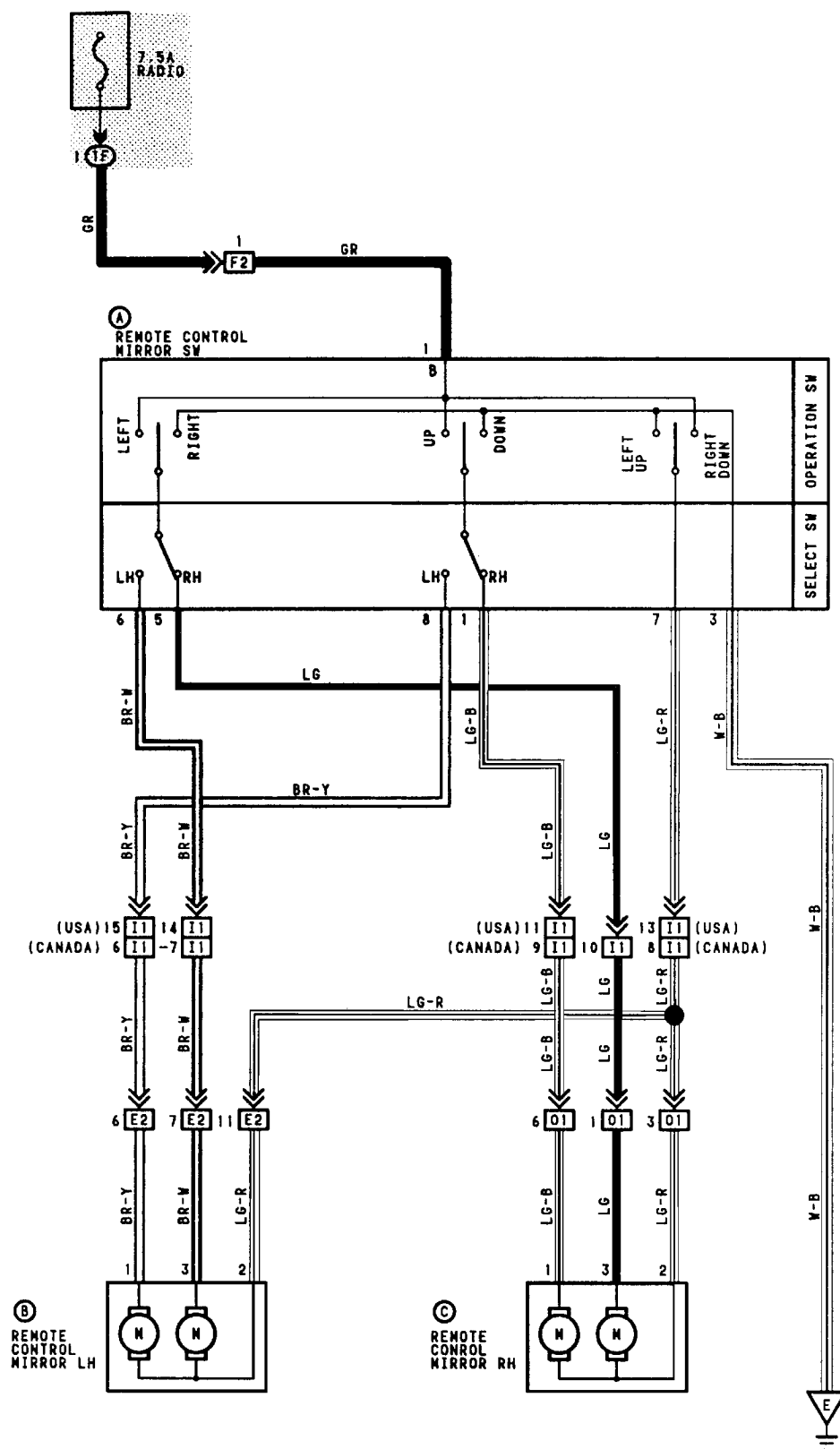
TOYOTA POWER MIRRORS



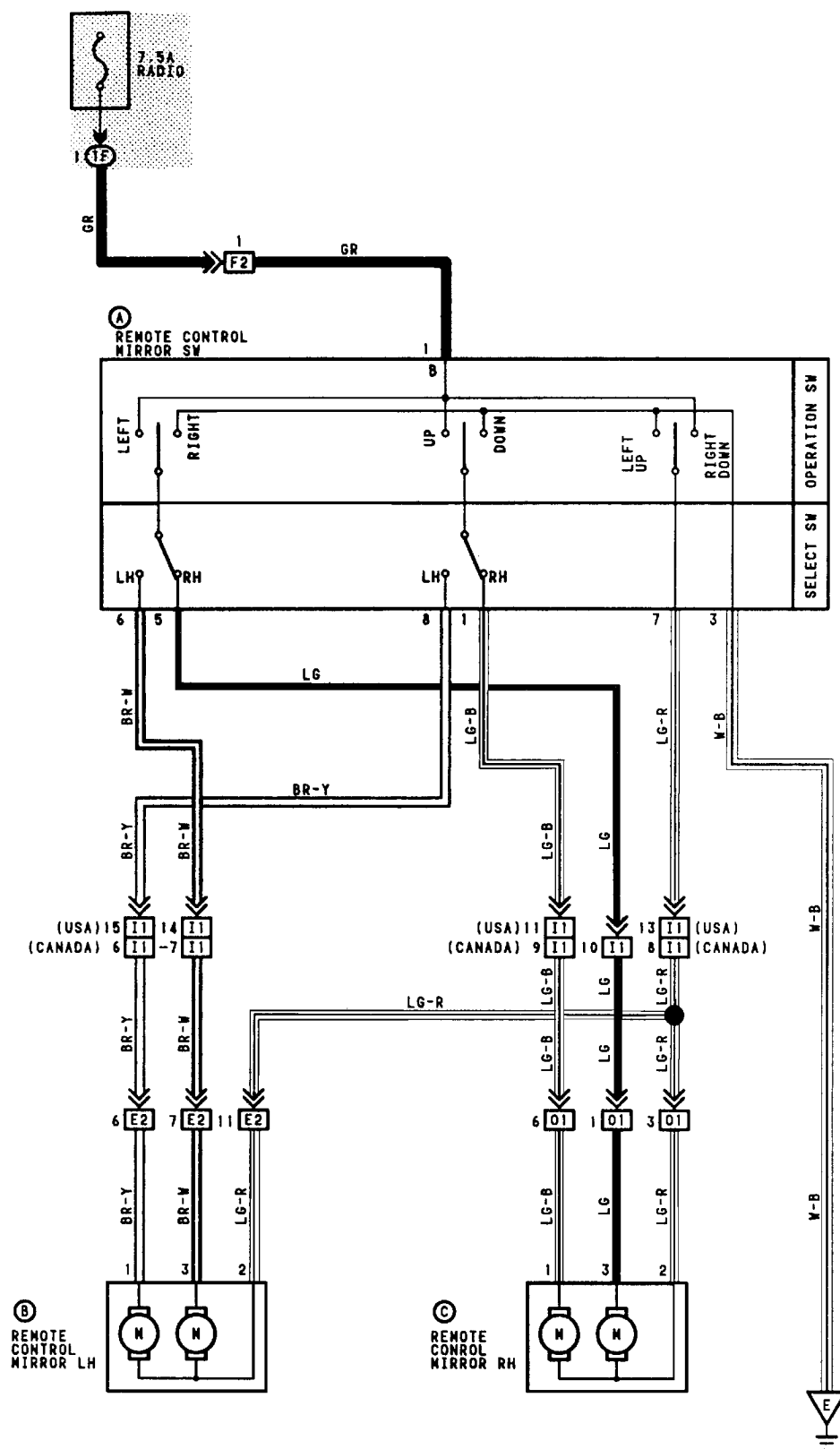
TOYOTA POWER MIRRORS



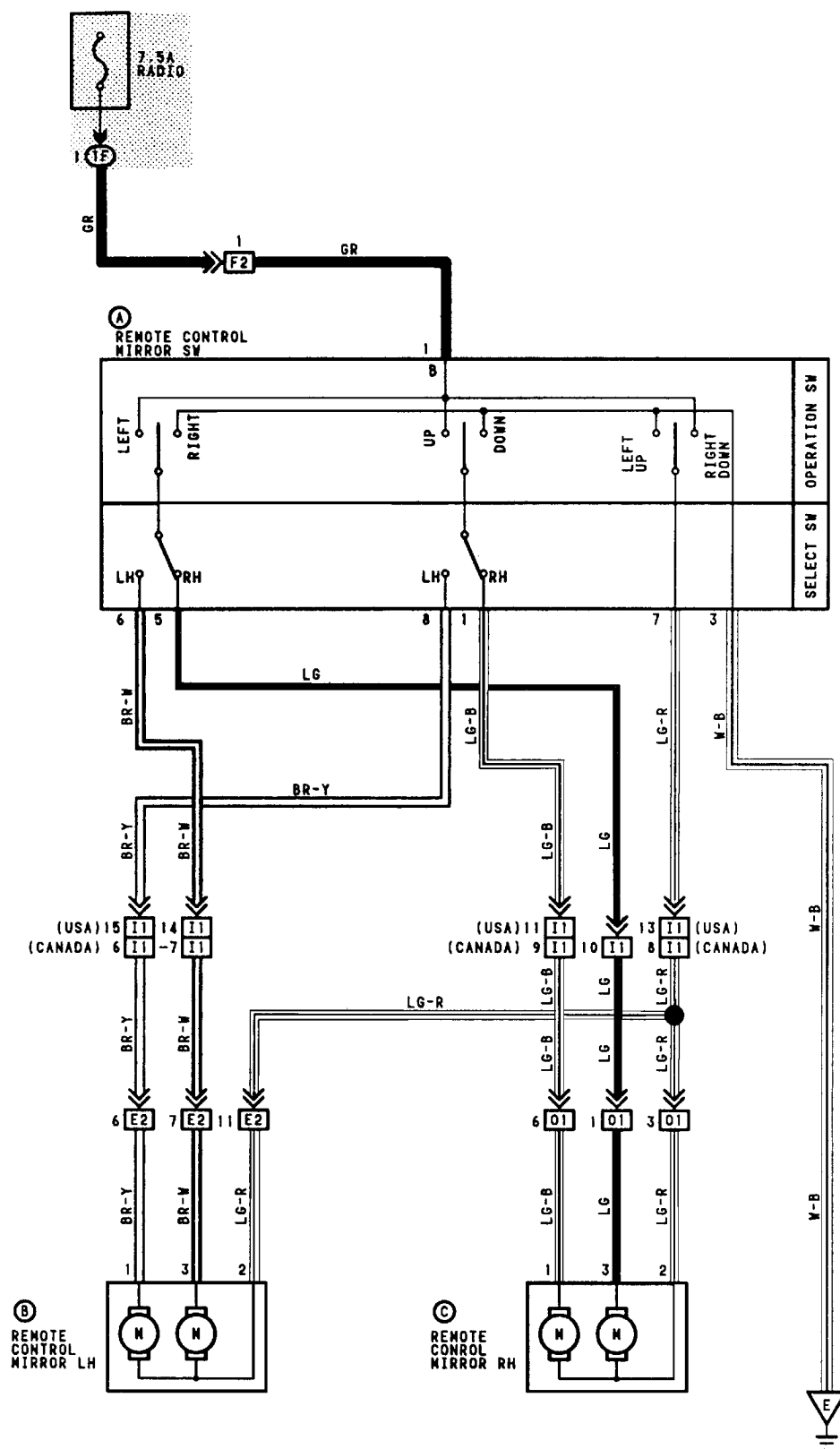
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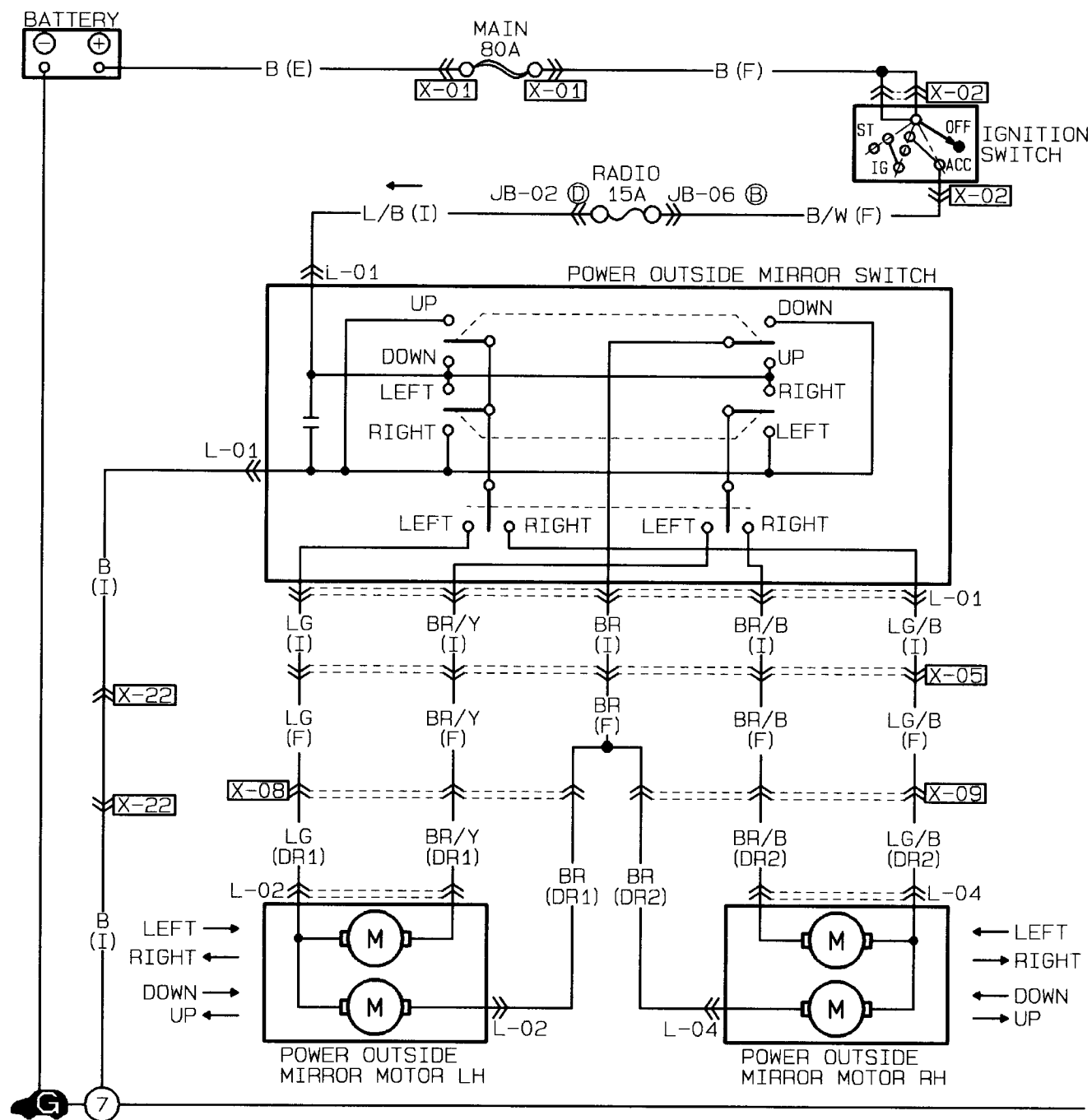
TOYOTA POWER MIRRORS



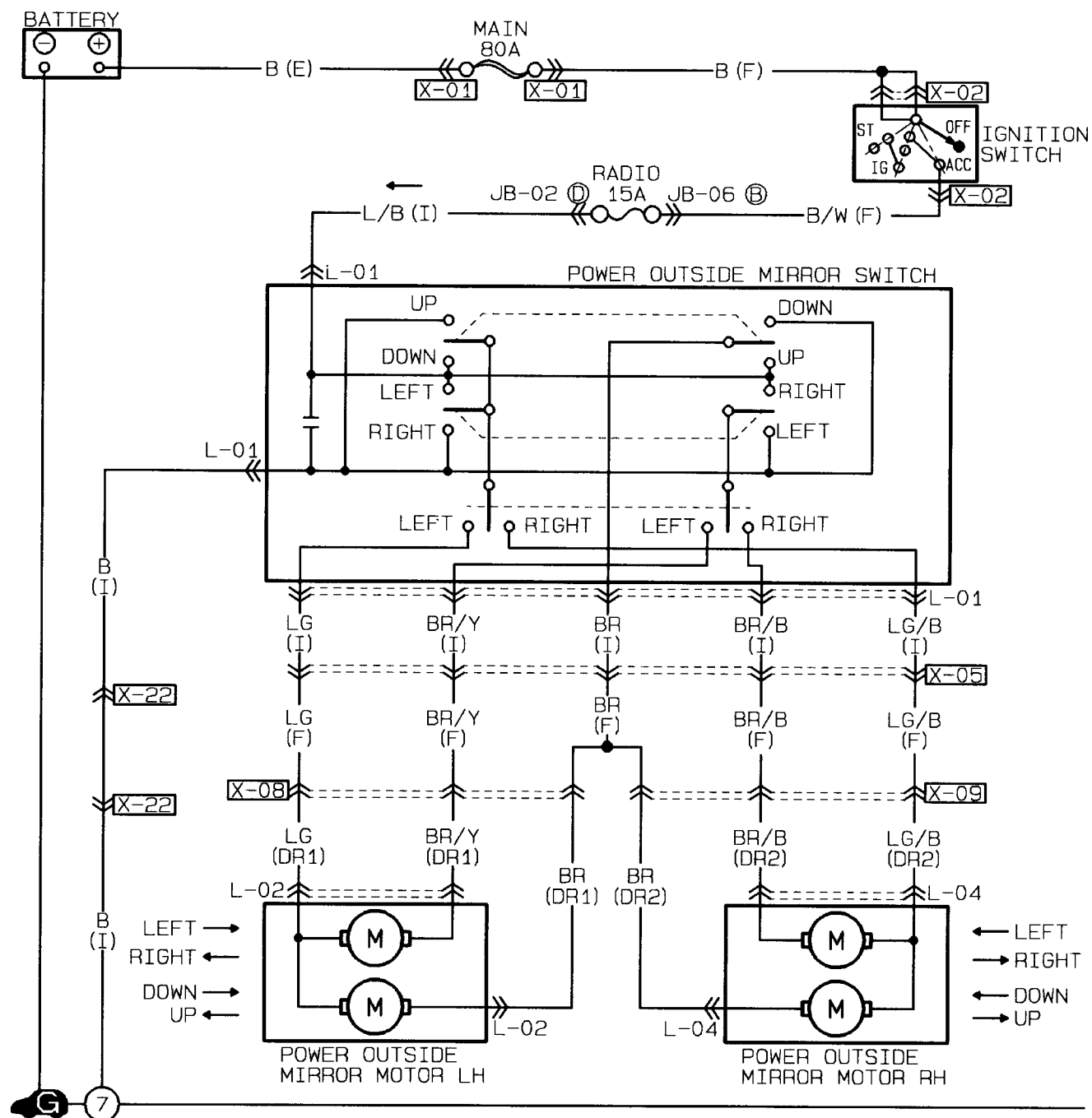
TOYOTA POWER MIRRORS



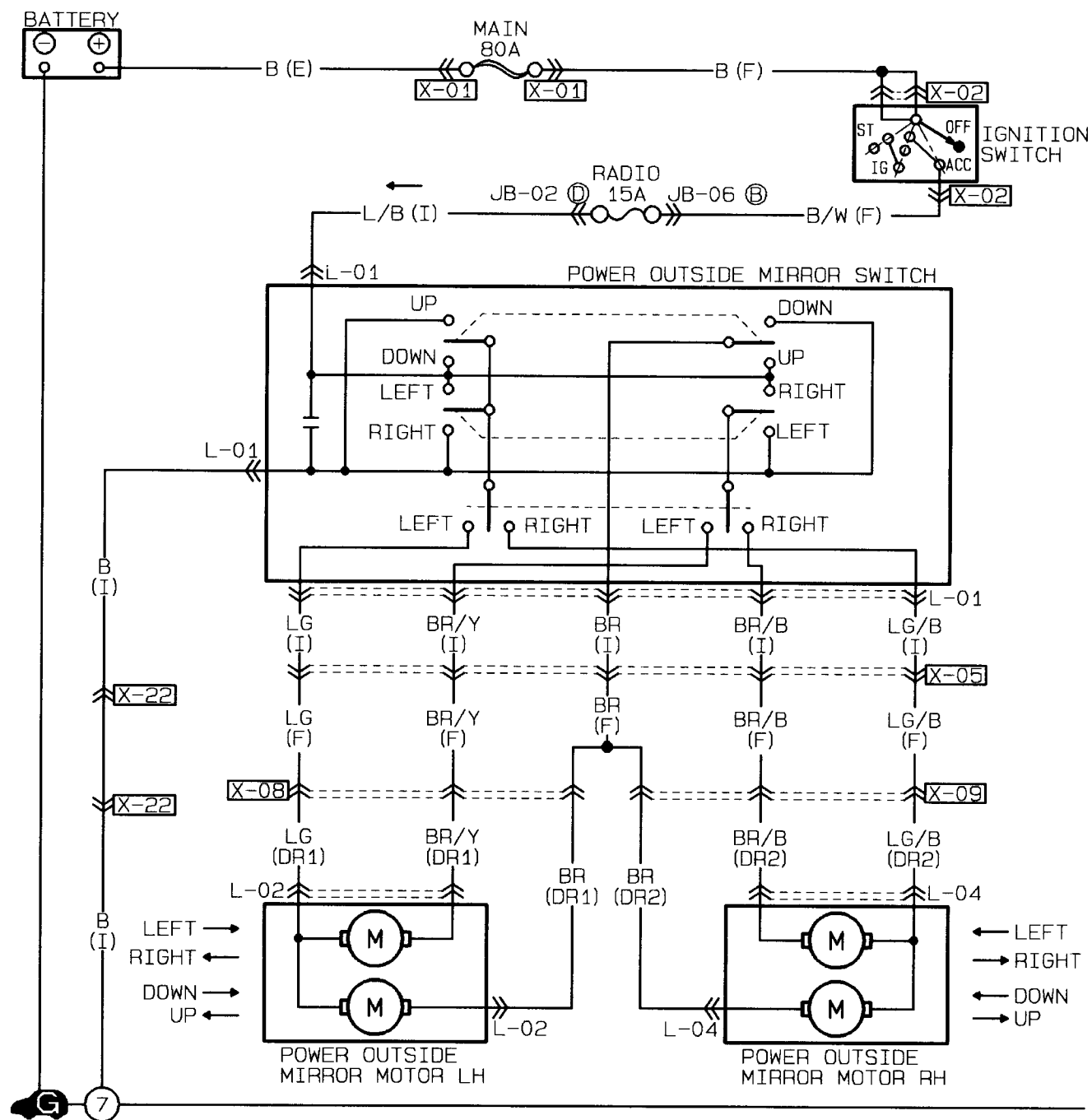
MAZDA POWER MIRRORS



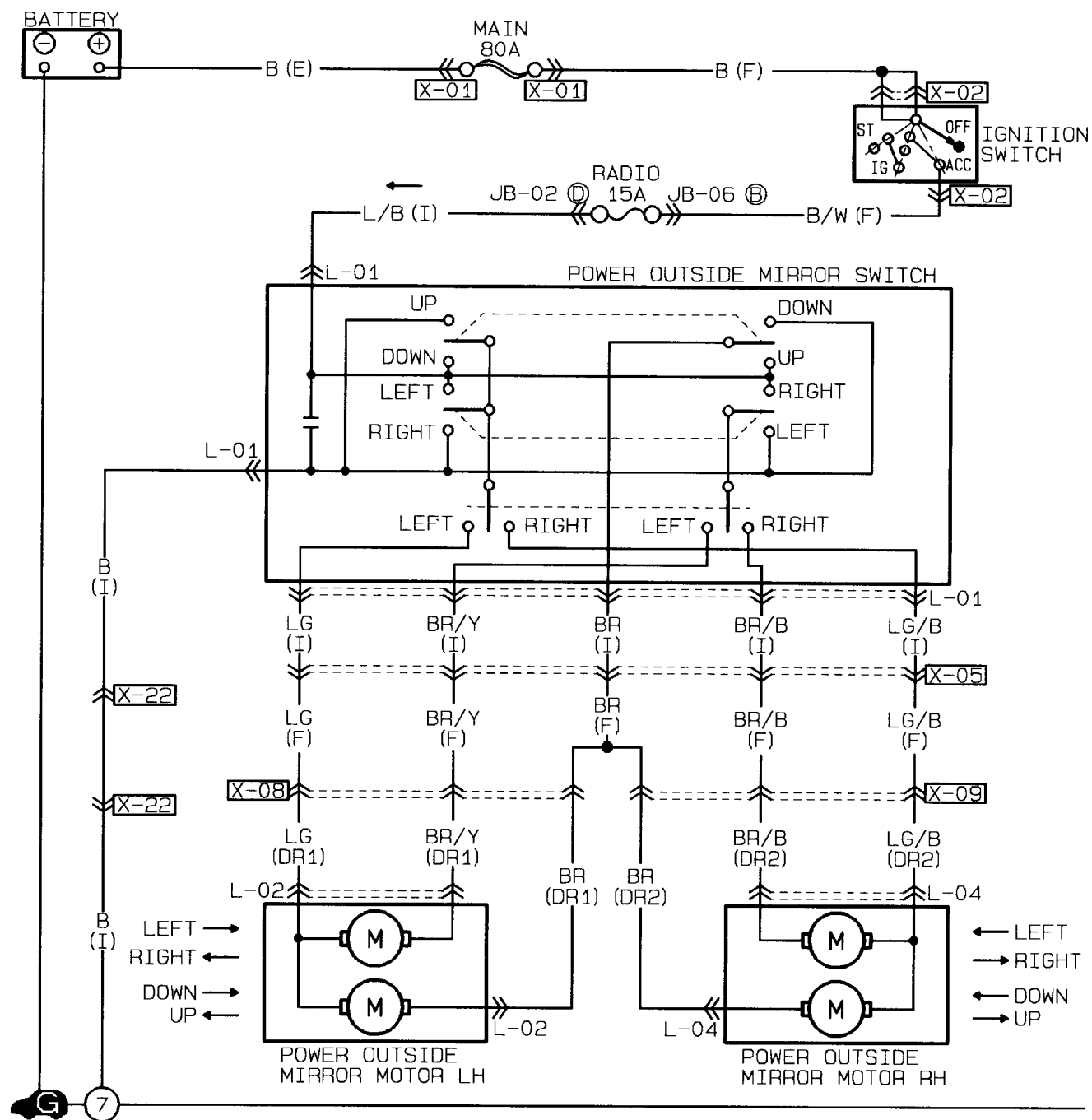
MAZDA POWER MIRRORS



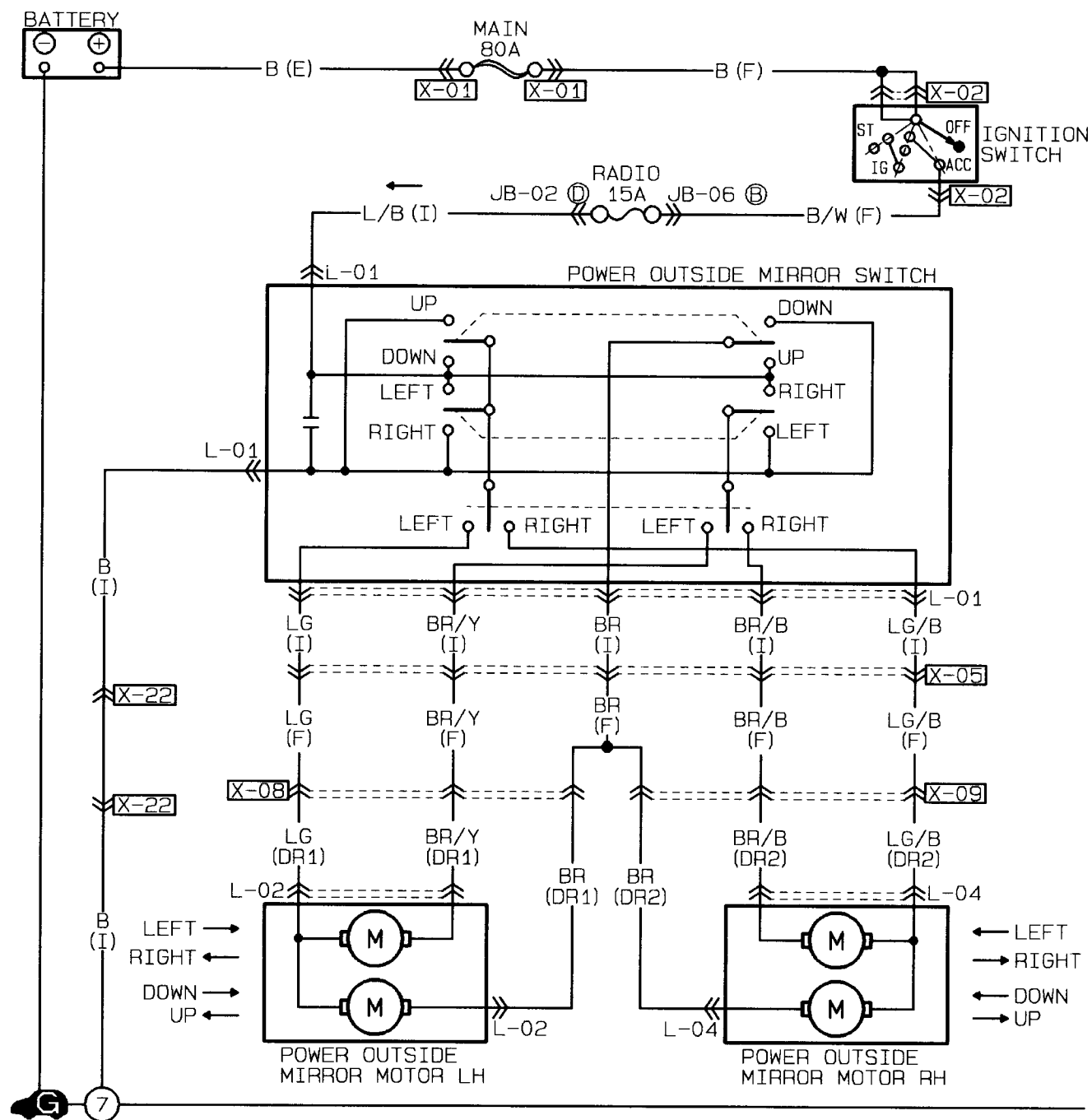
MAZDA POWER MIRRORS



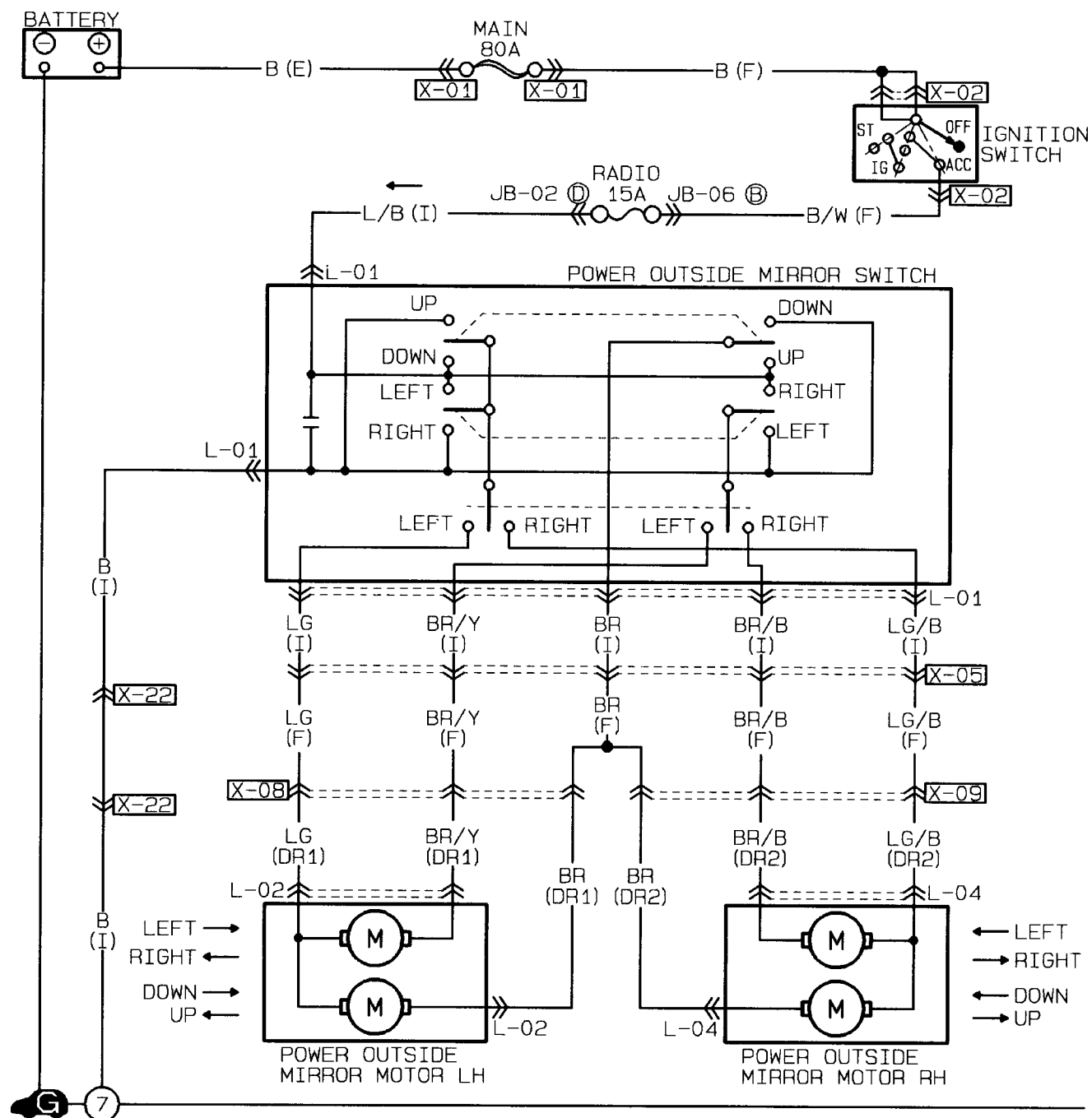
MAZDA POWER MIRRORS



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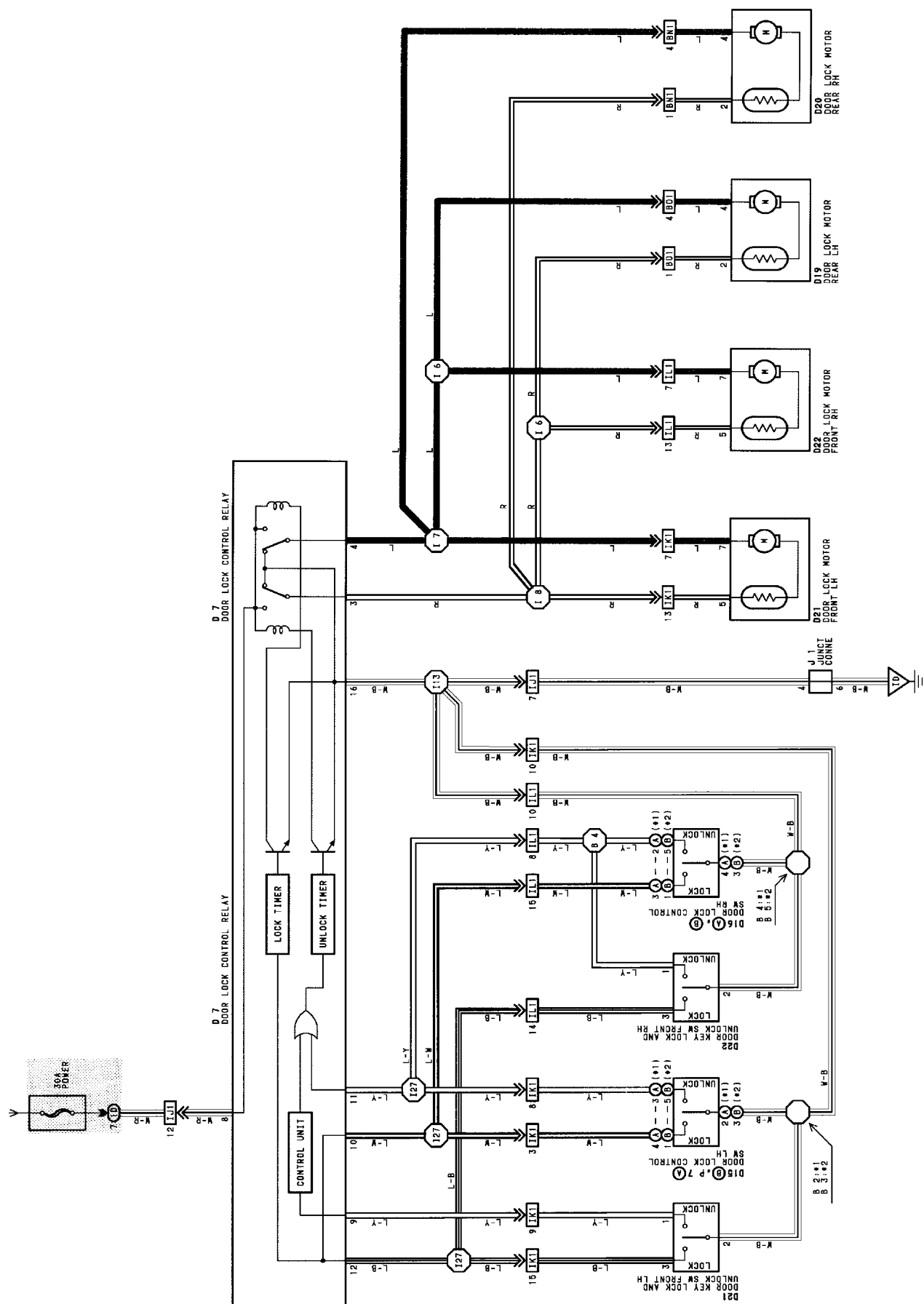




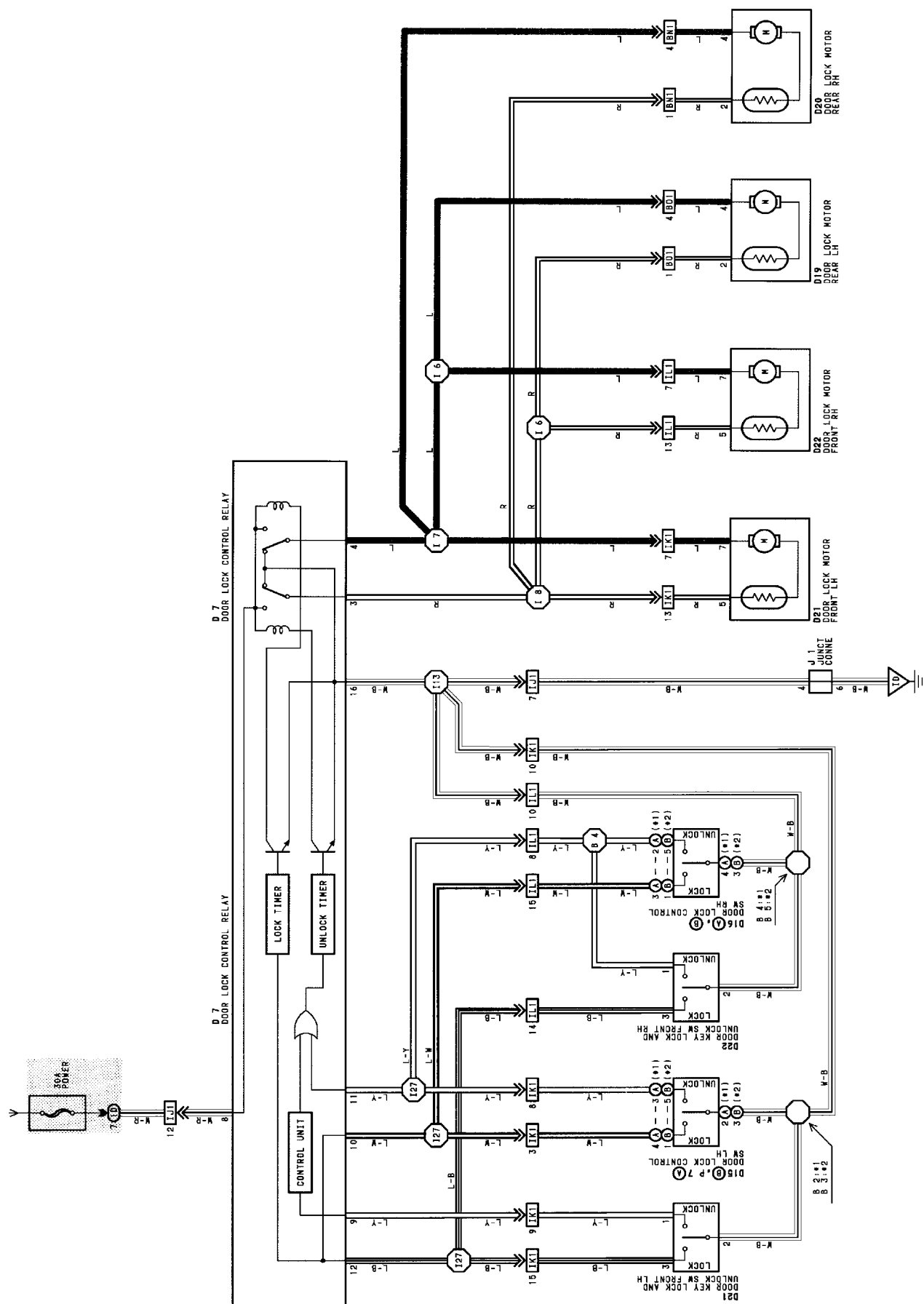




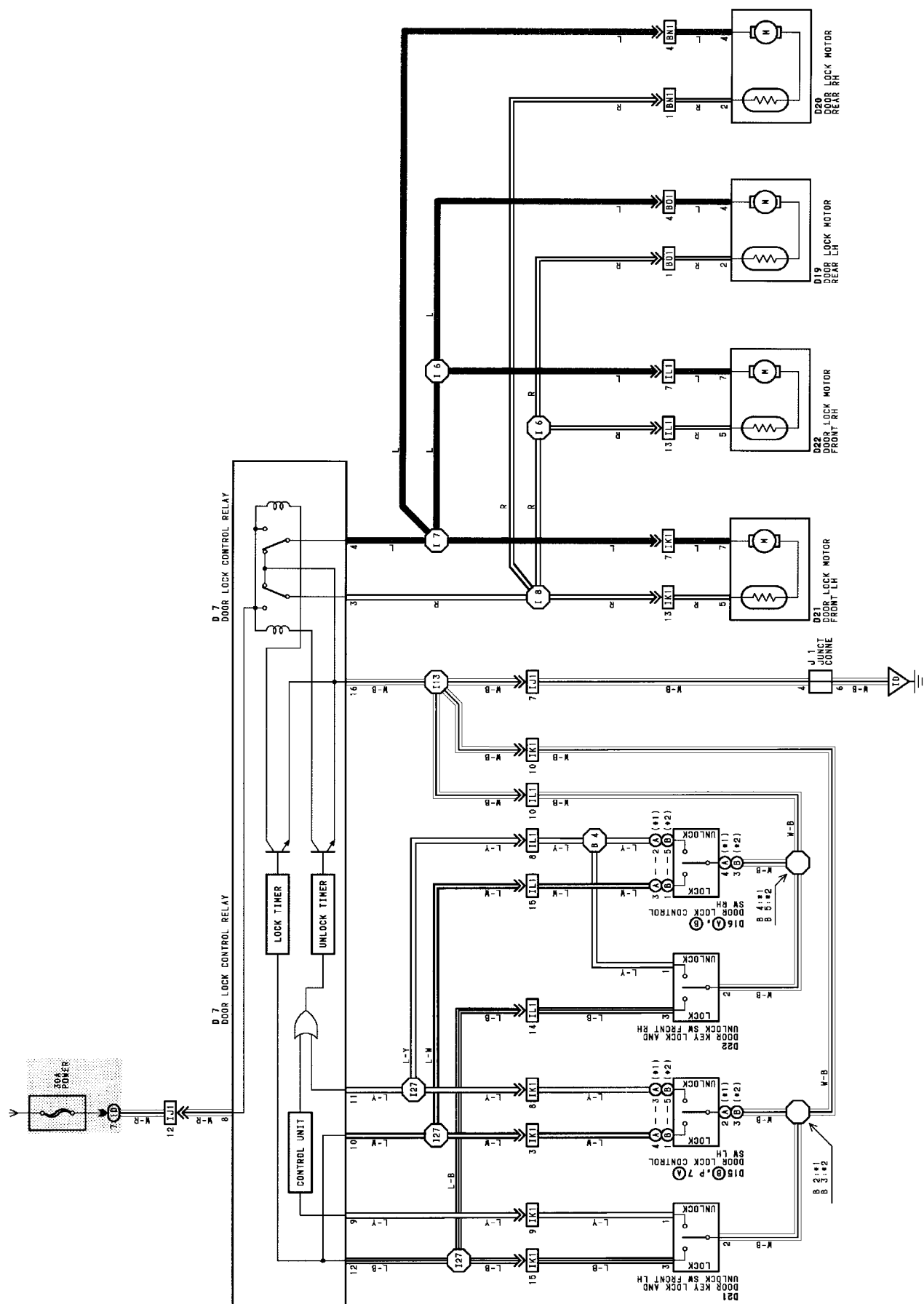
TOYOTA DOOR LOCKS



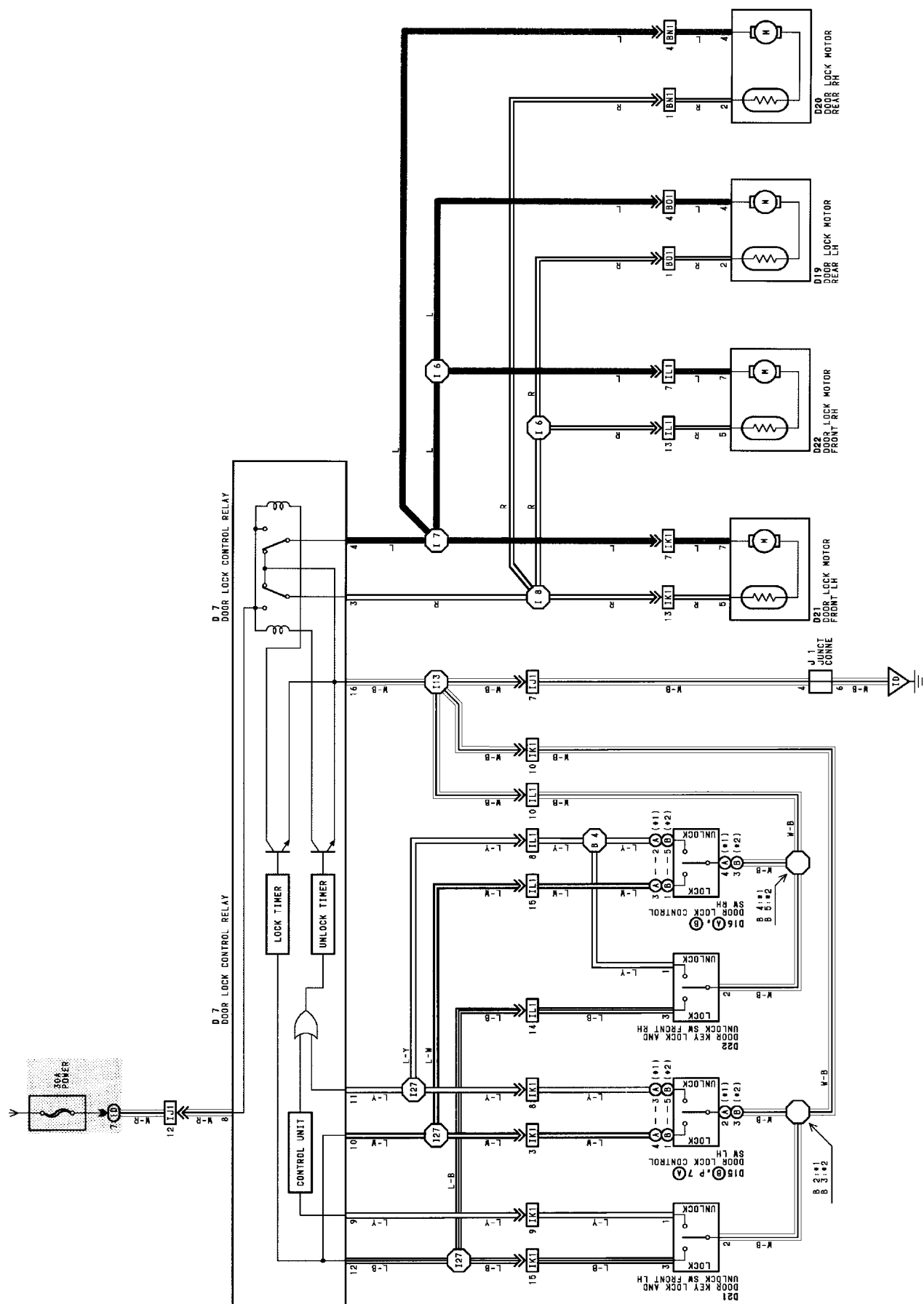
TOYOTA DOOR LOCKS



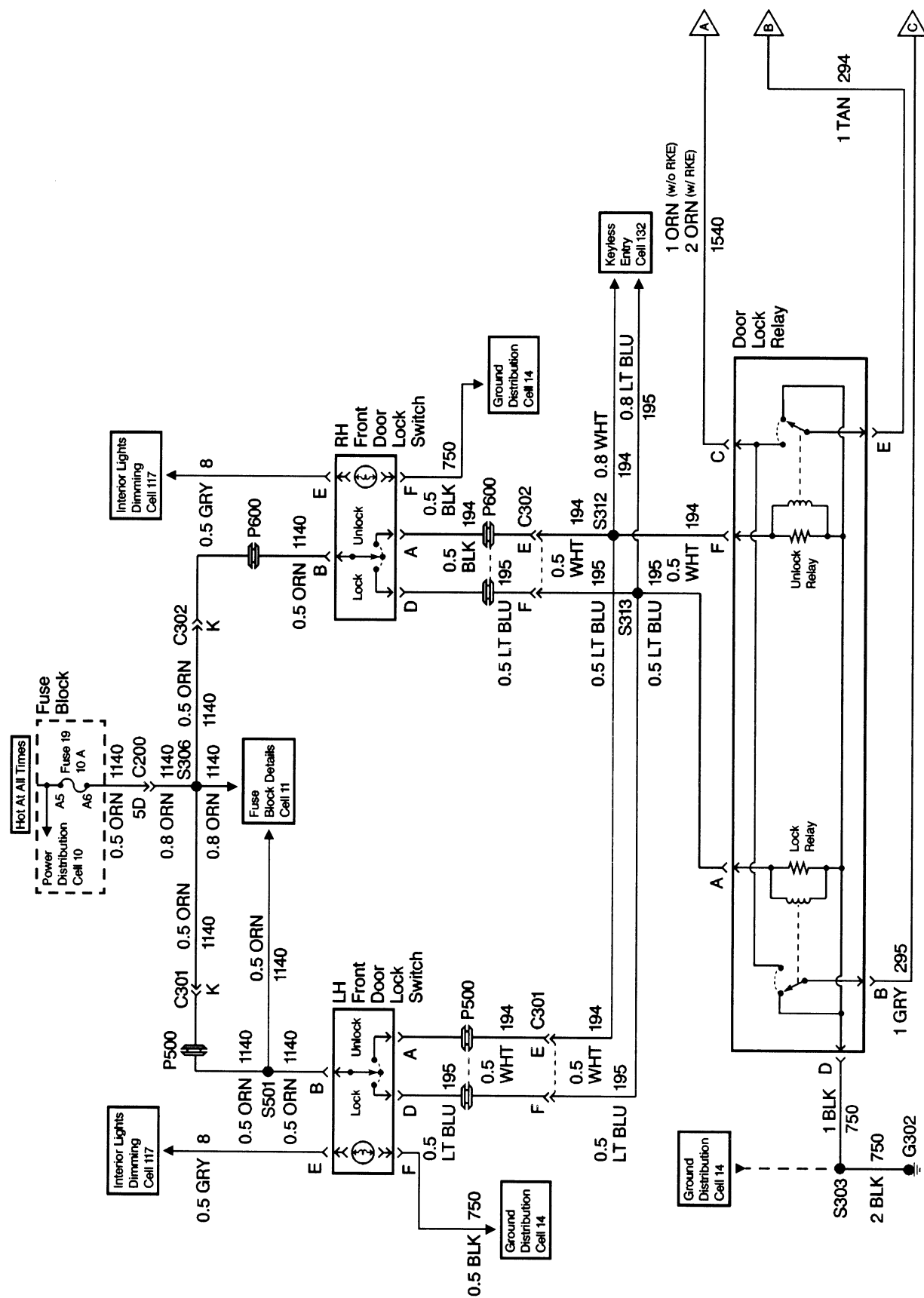
TOYOTA DOOR LOCKS



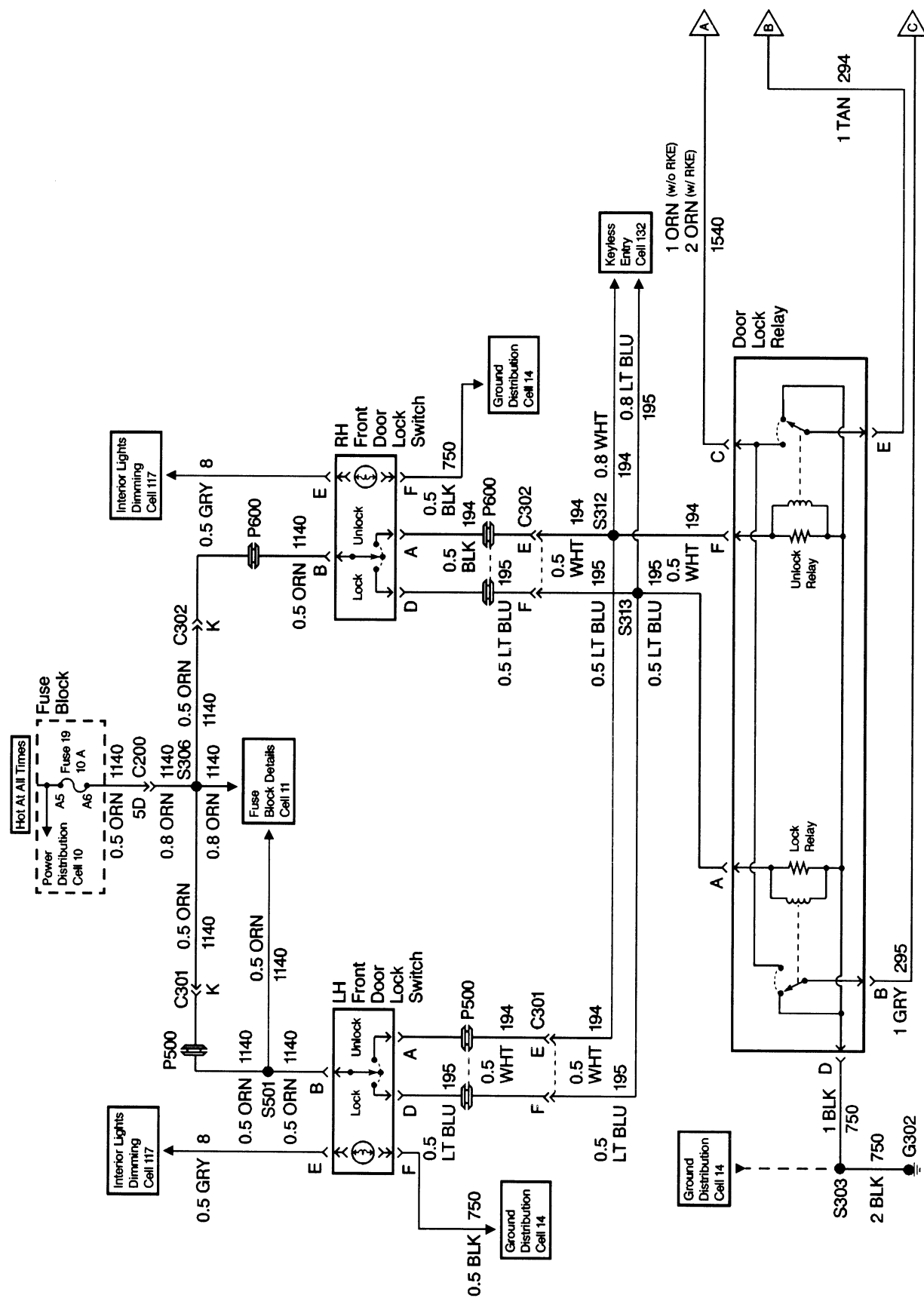
TOYOTA DOOR LOCKS



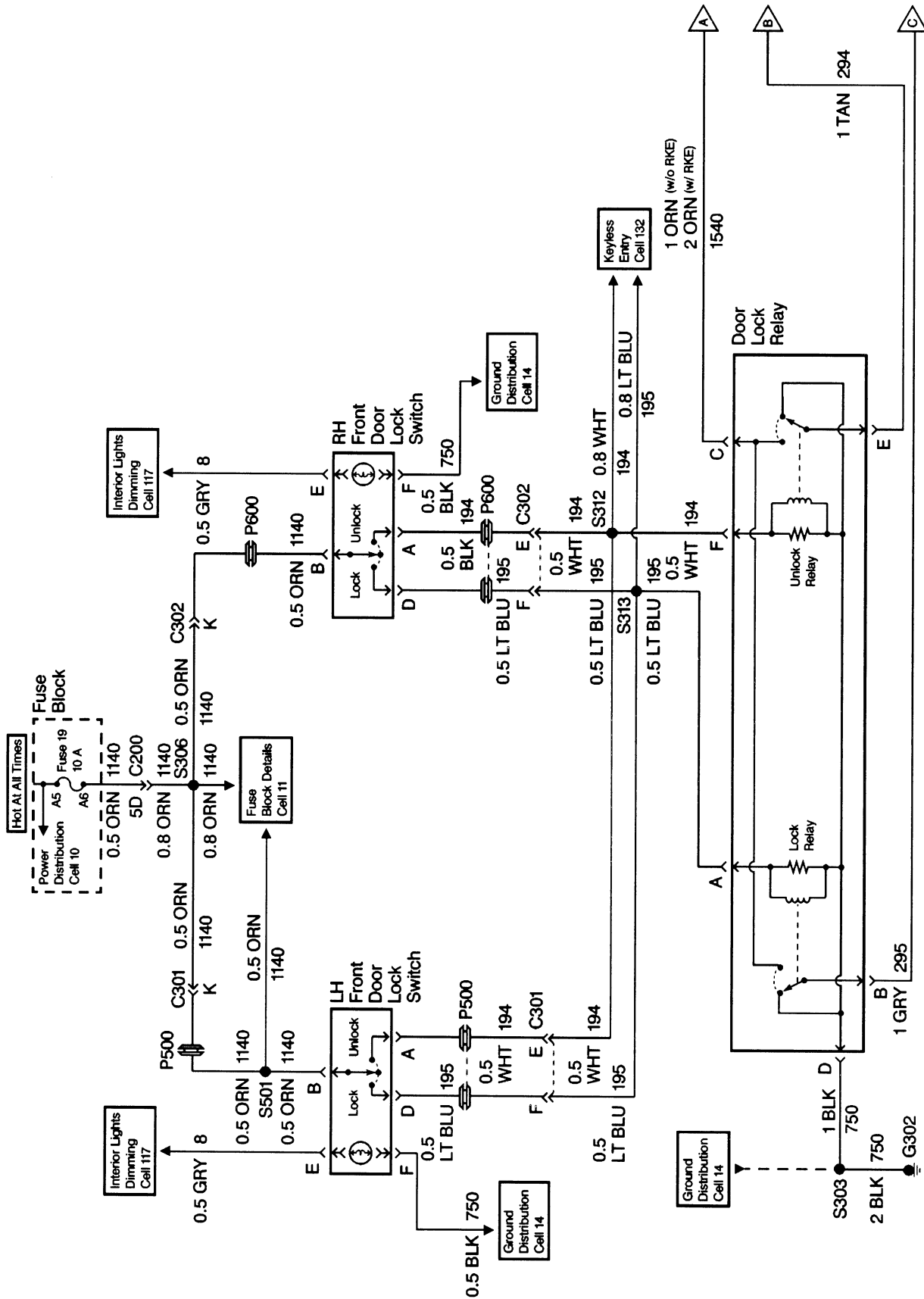
GM DOOR LOCKS - PART A



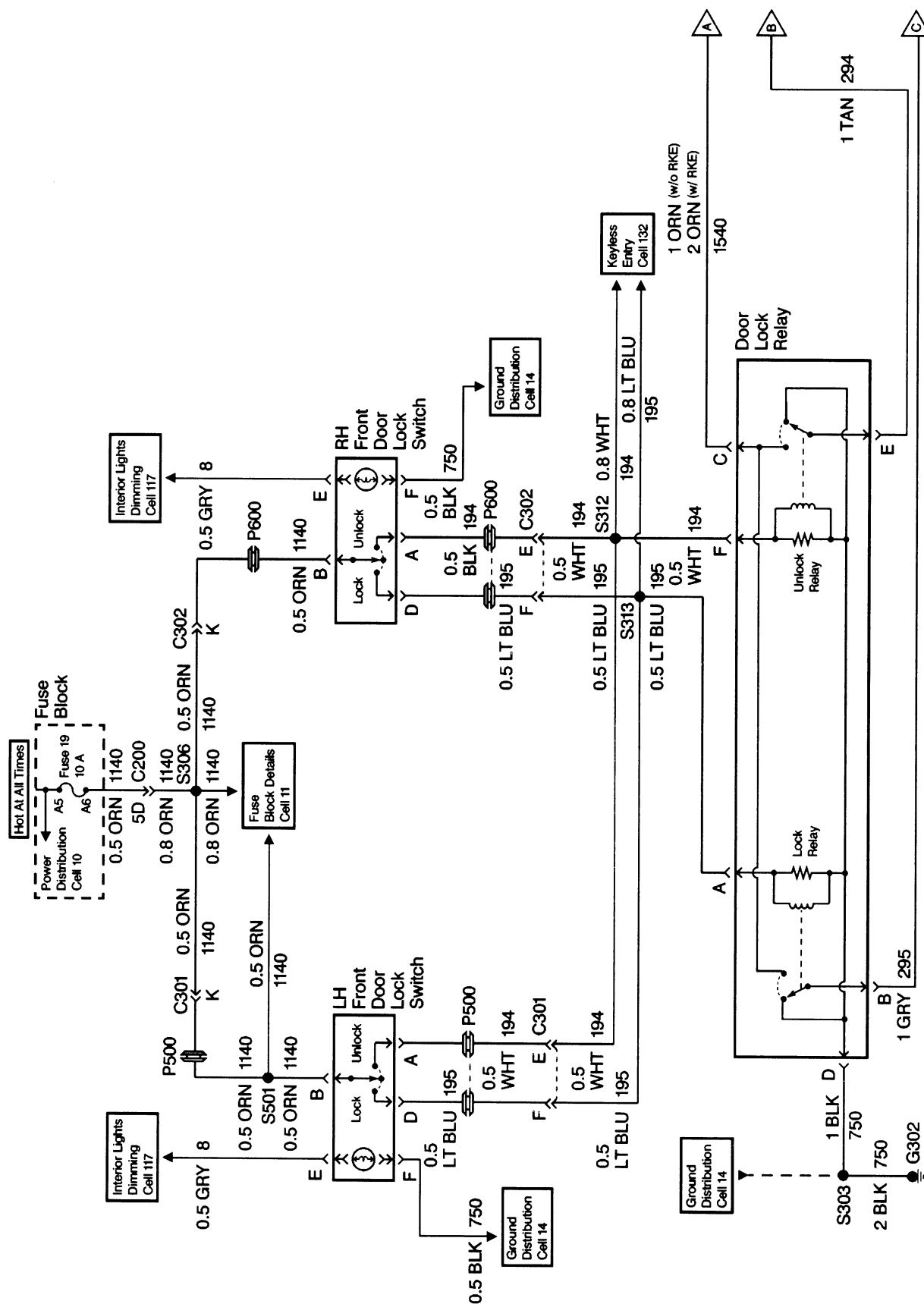
GM DOOR LOCKS - PART A



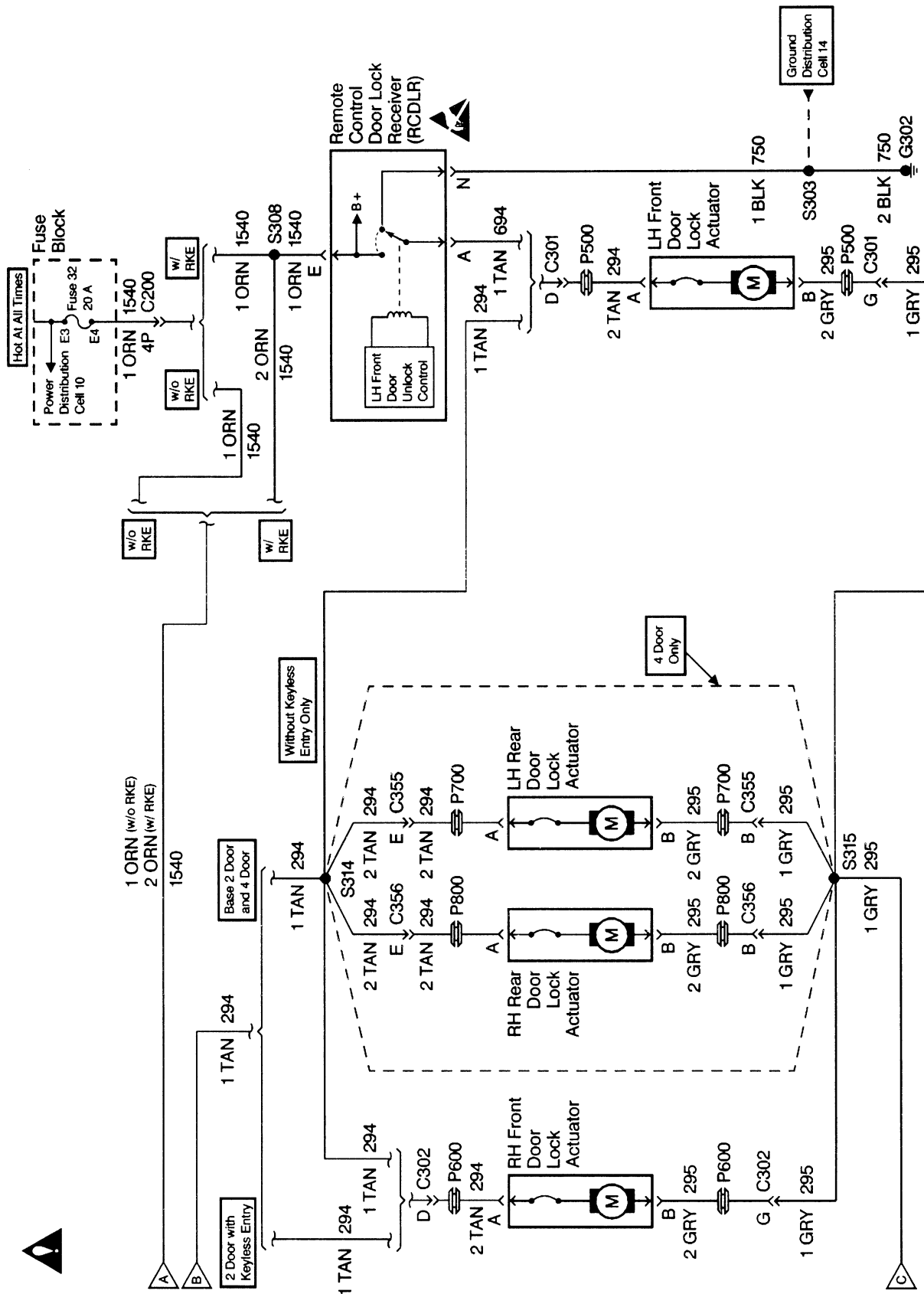
GM DOOR LOCKS - PART A



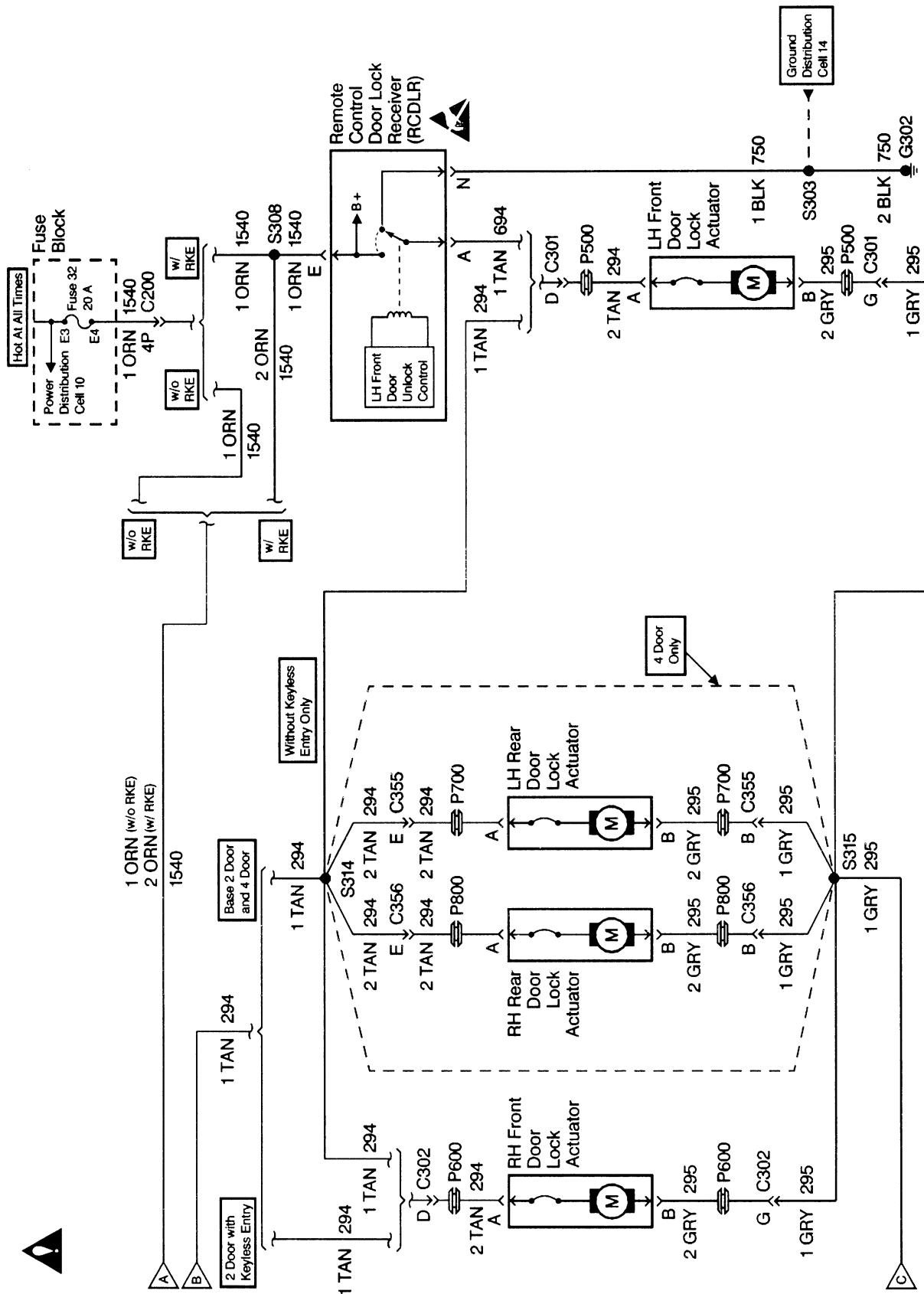
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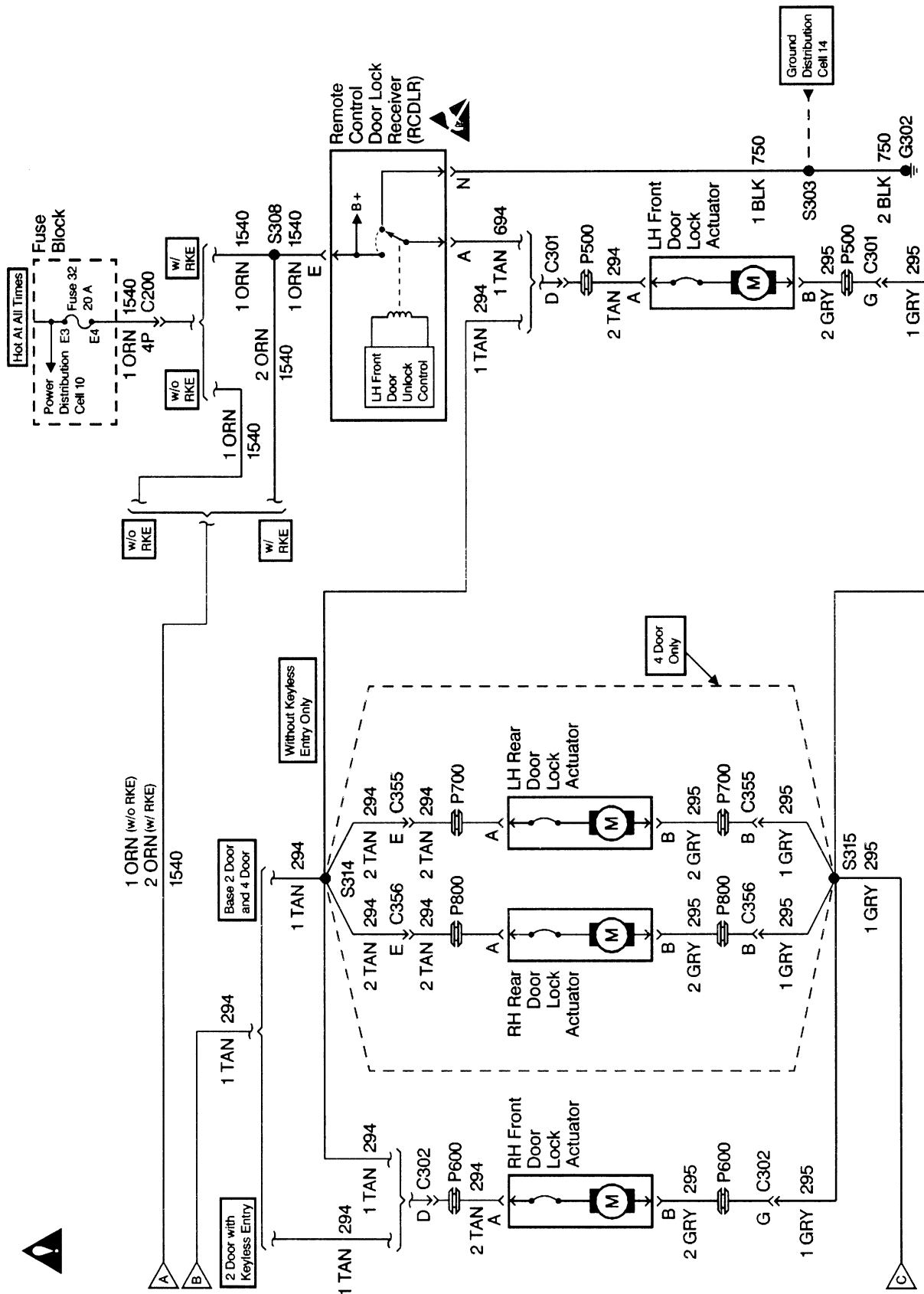
GM DOOR LOCKS - PART B



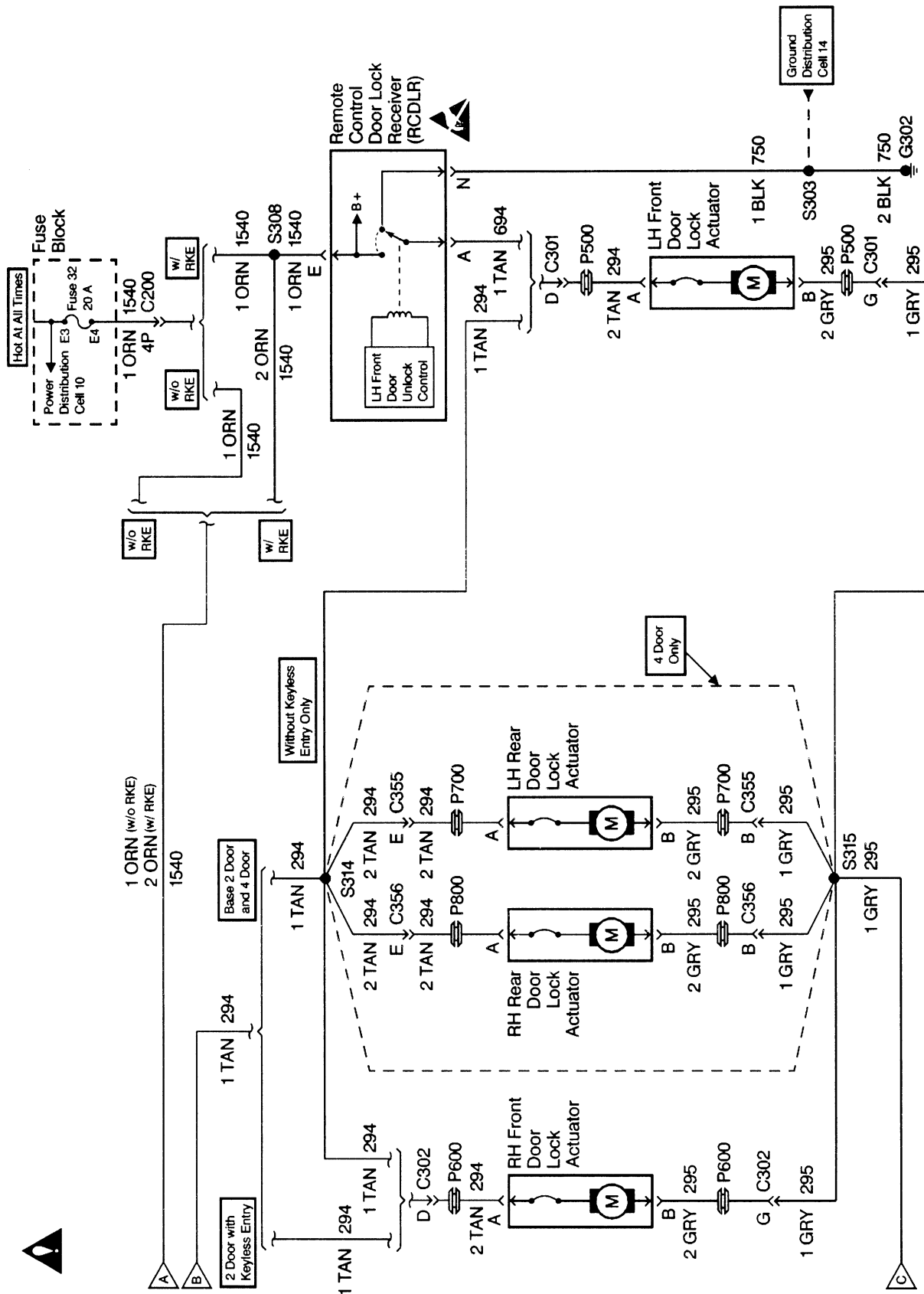
GM DOOR LOCKS - PART B



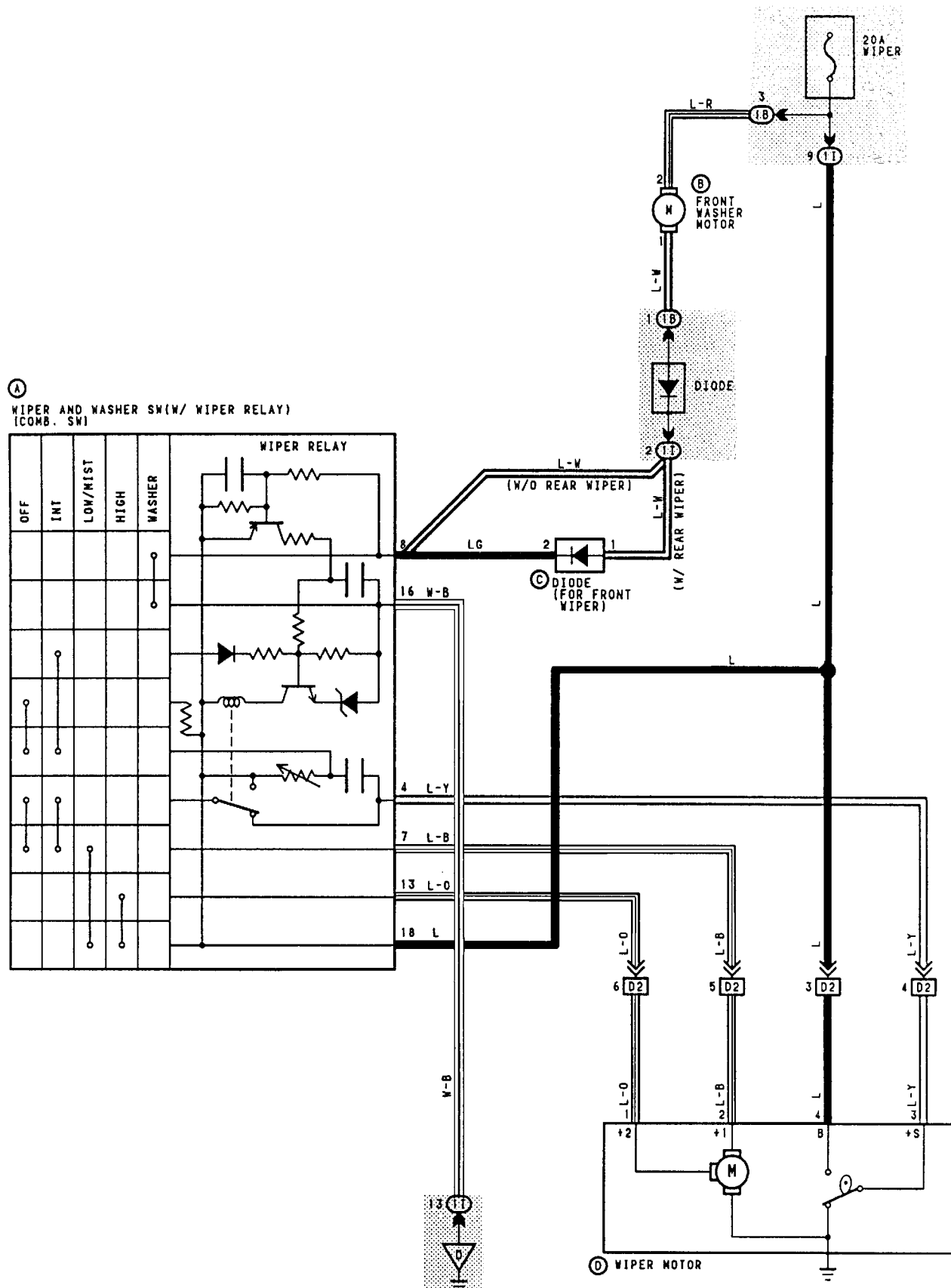
GM DOOR LOCKS - PART B



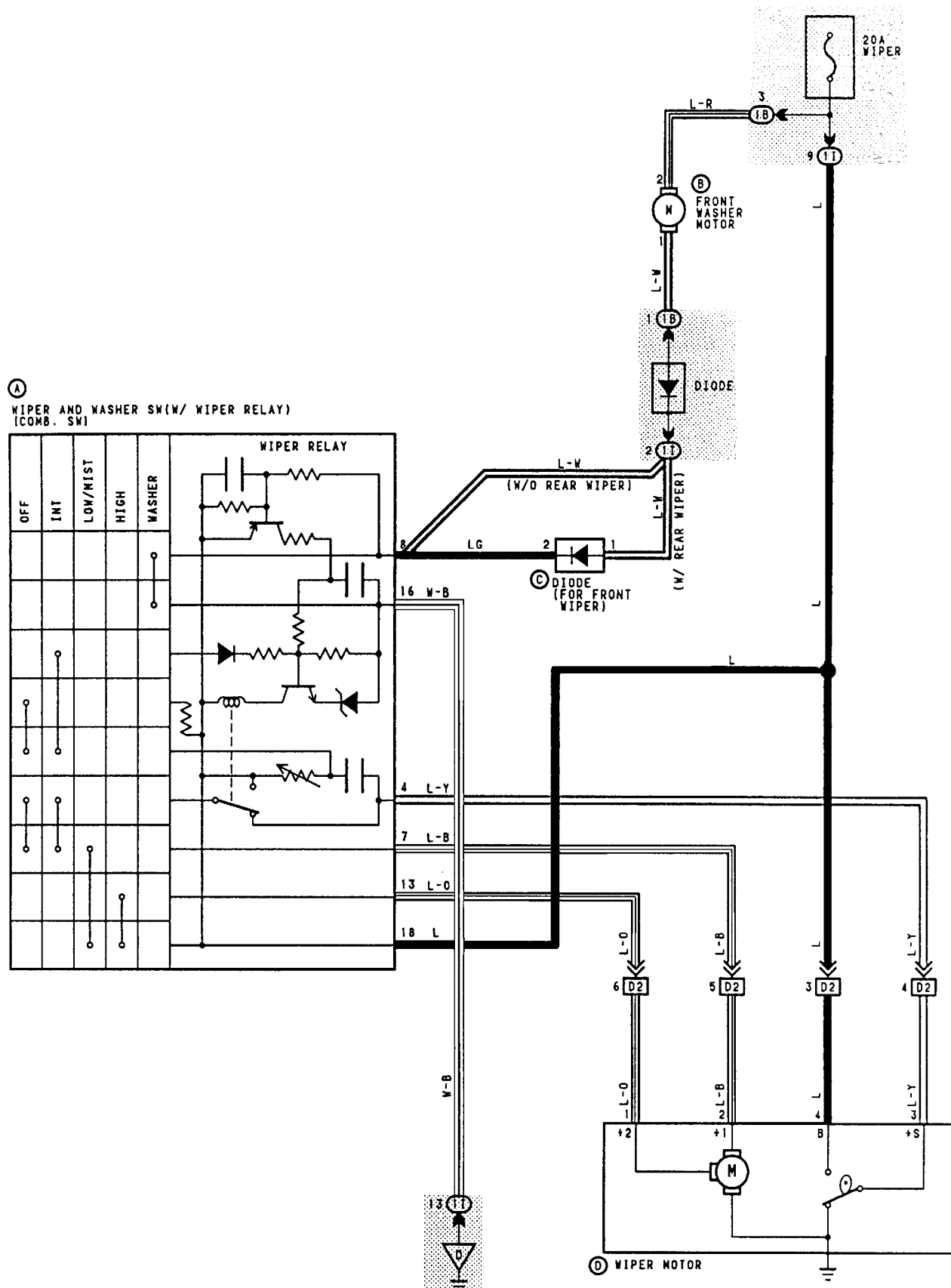
GM DOOR LOCKS - PART B



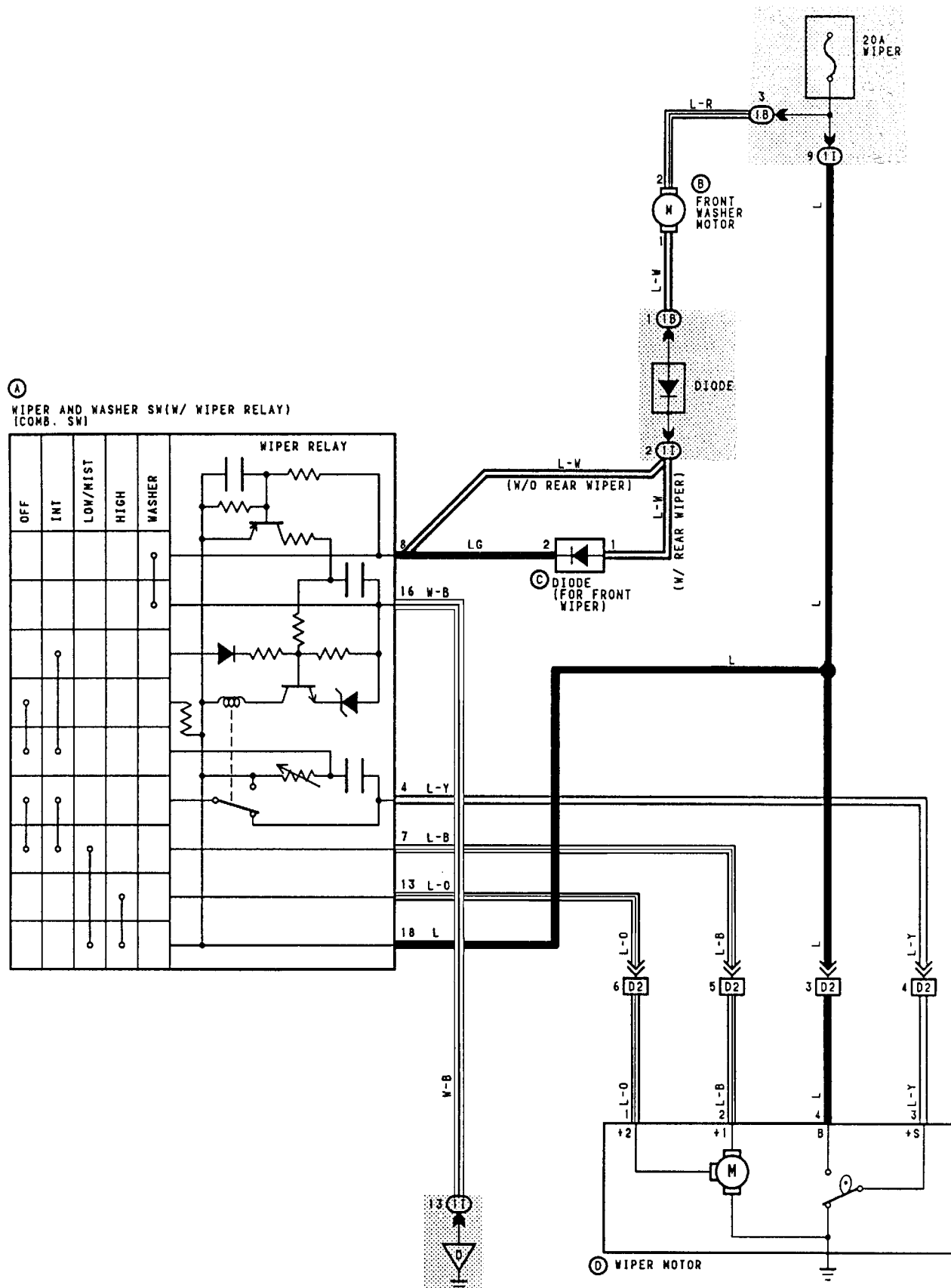
TOYOTA FRONT WIPERS



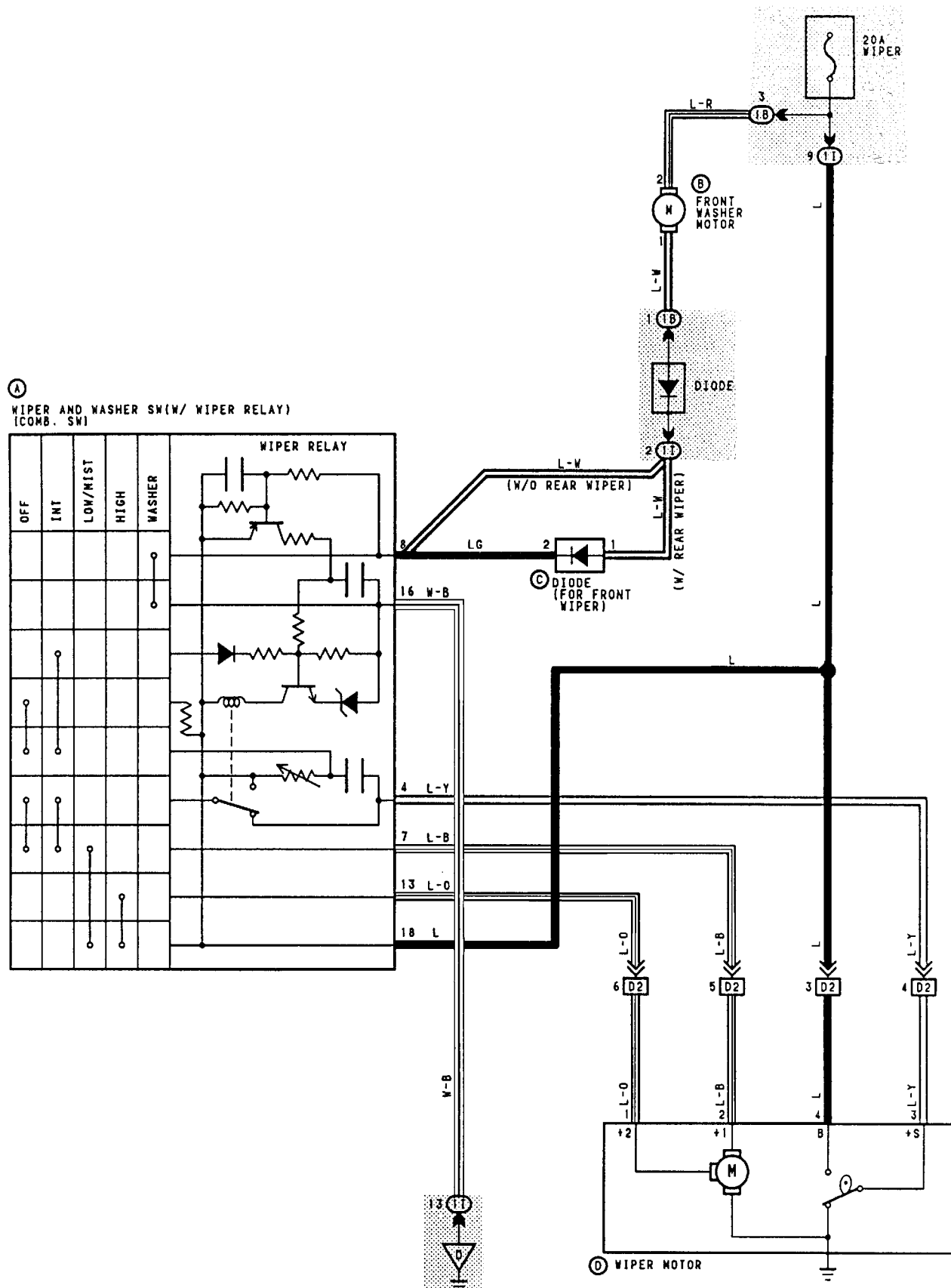
TOYOTA FRONT WIPERS



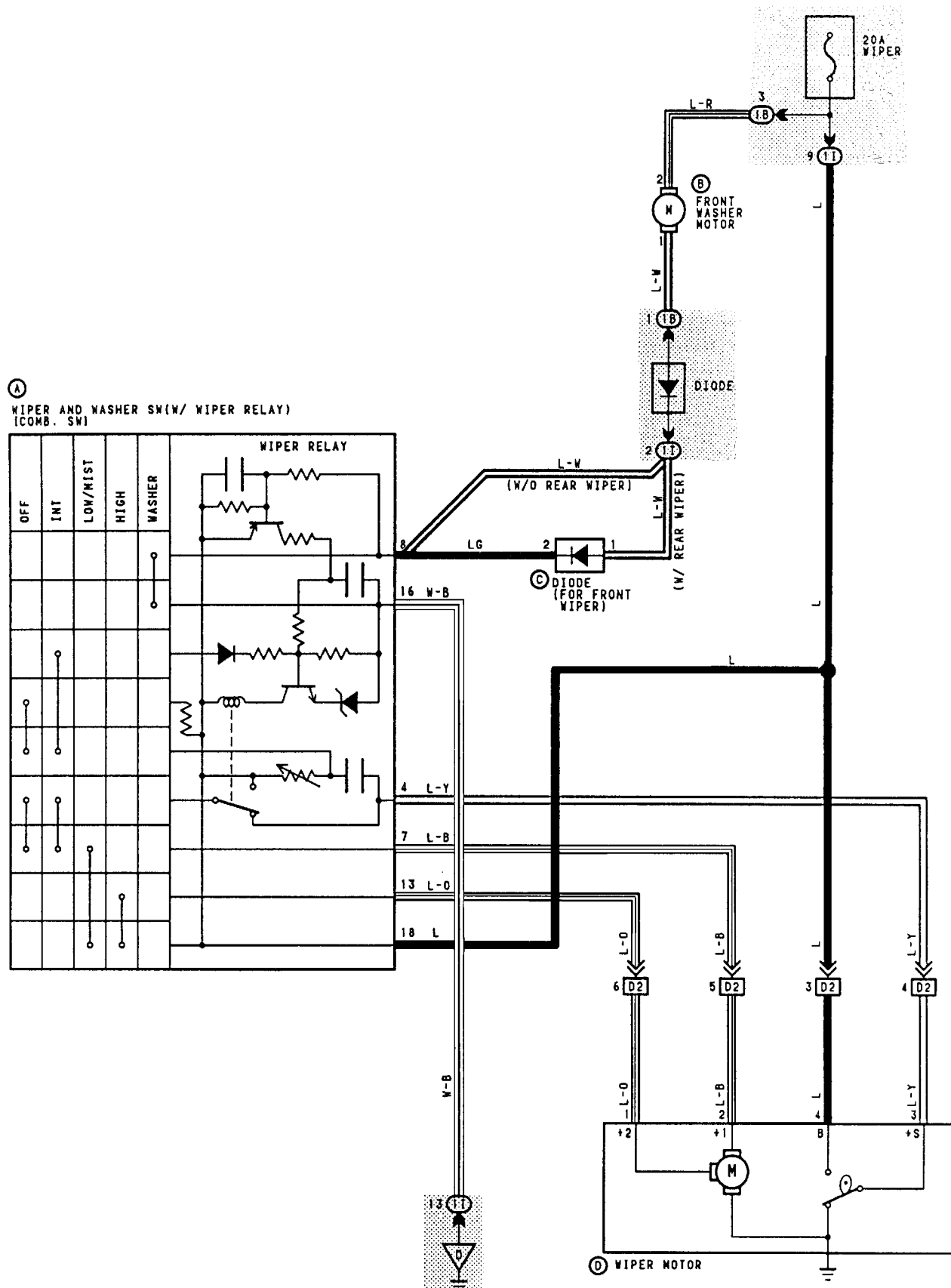
TOYOTA FRONT WIPERS



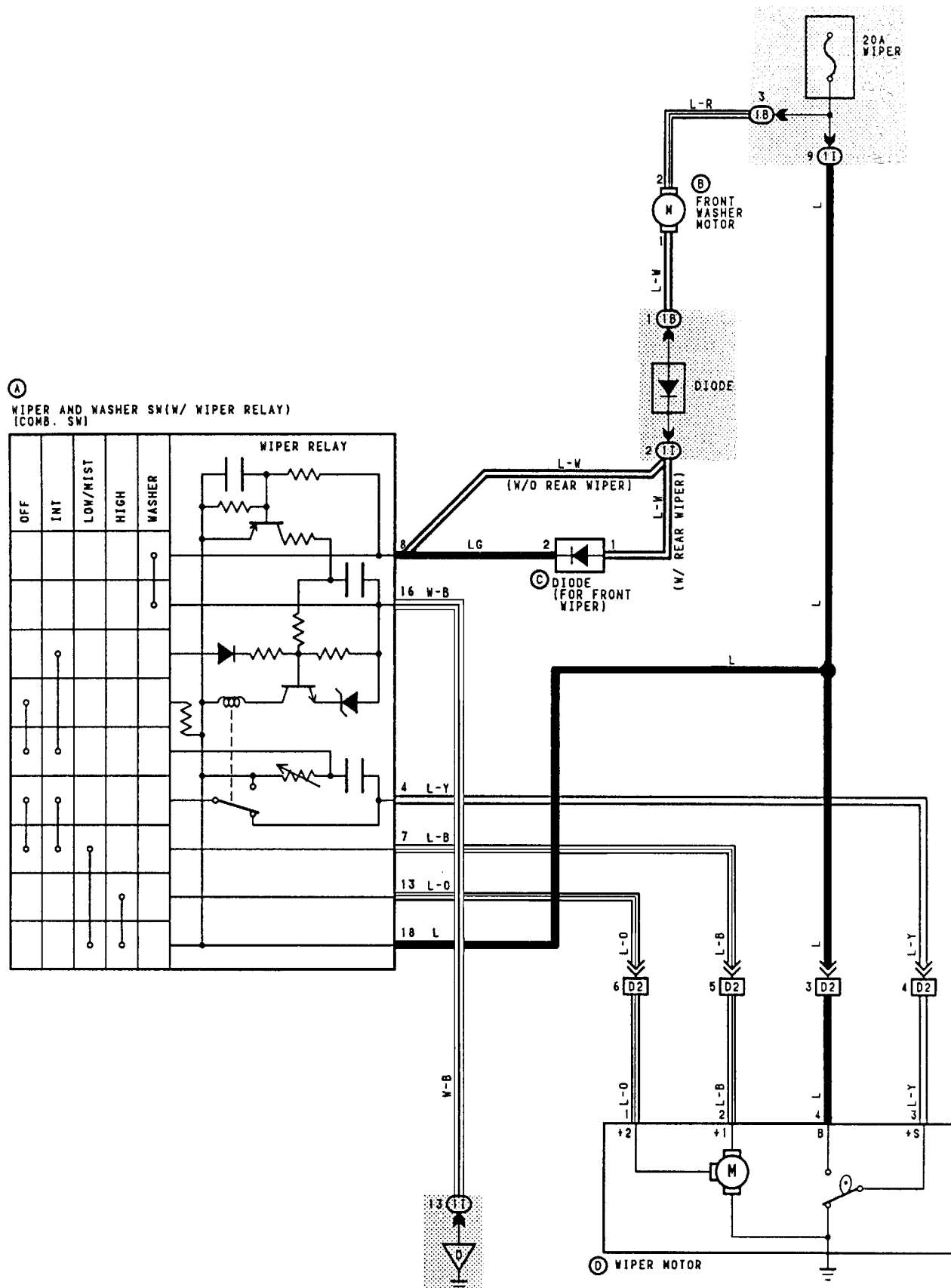
TOYOTA FRONT WIPERS



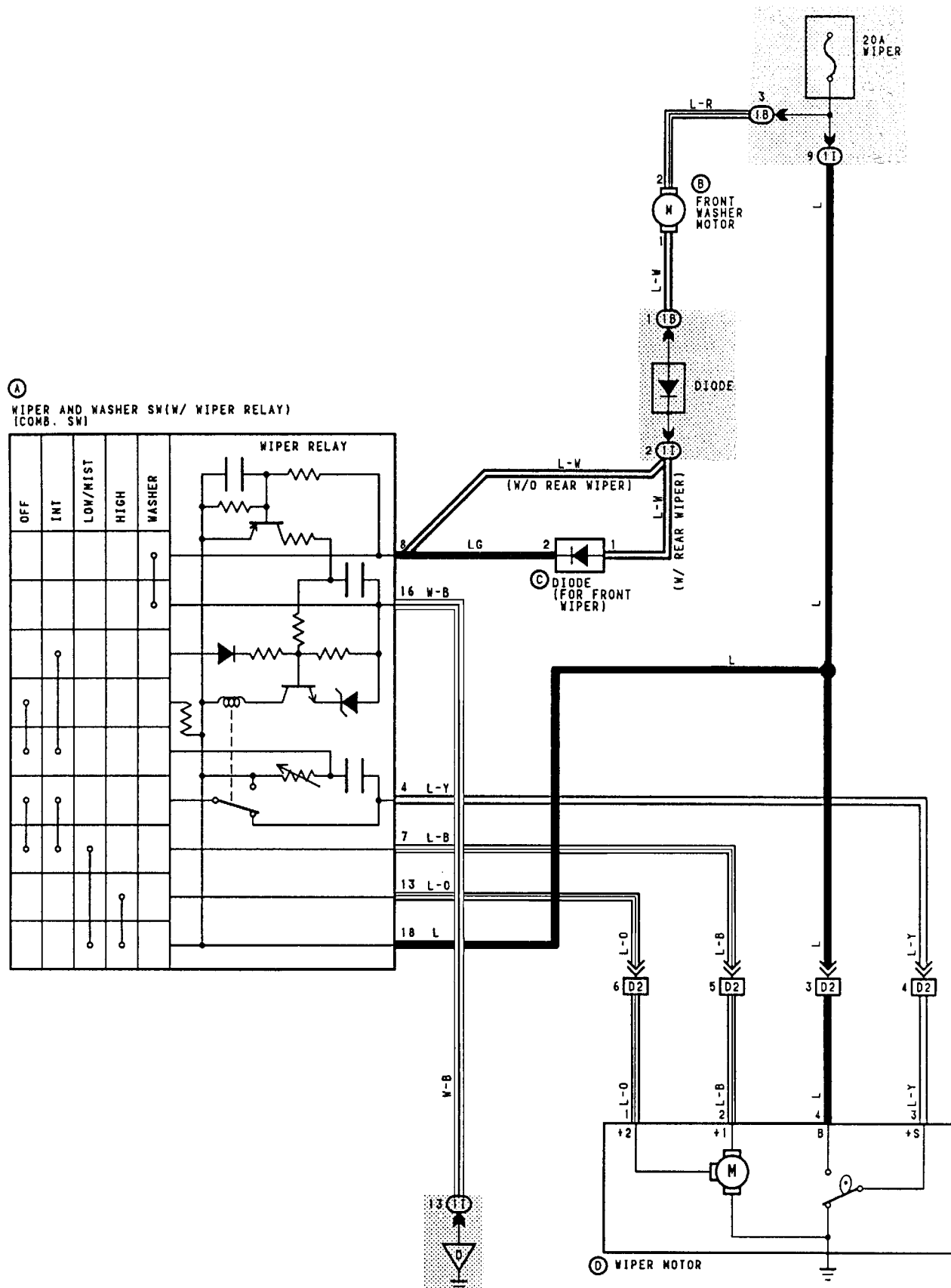
TOYOTA FRONT WIPERS



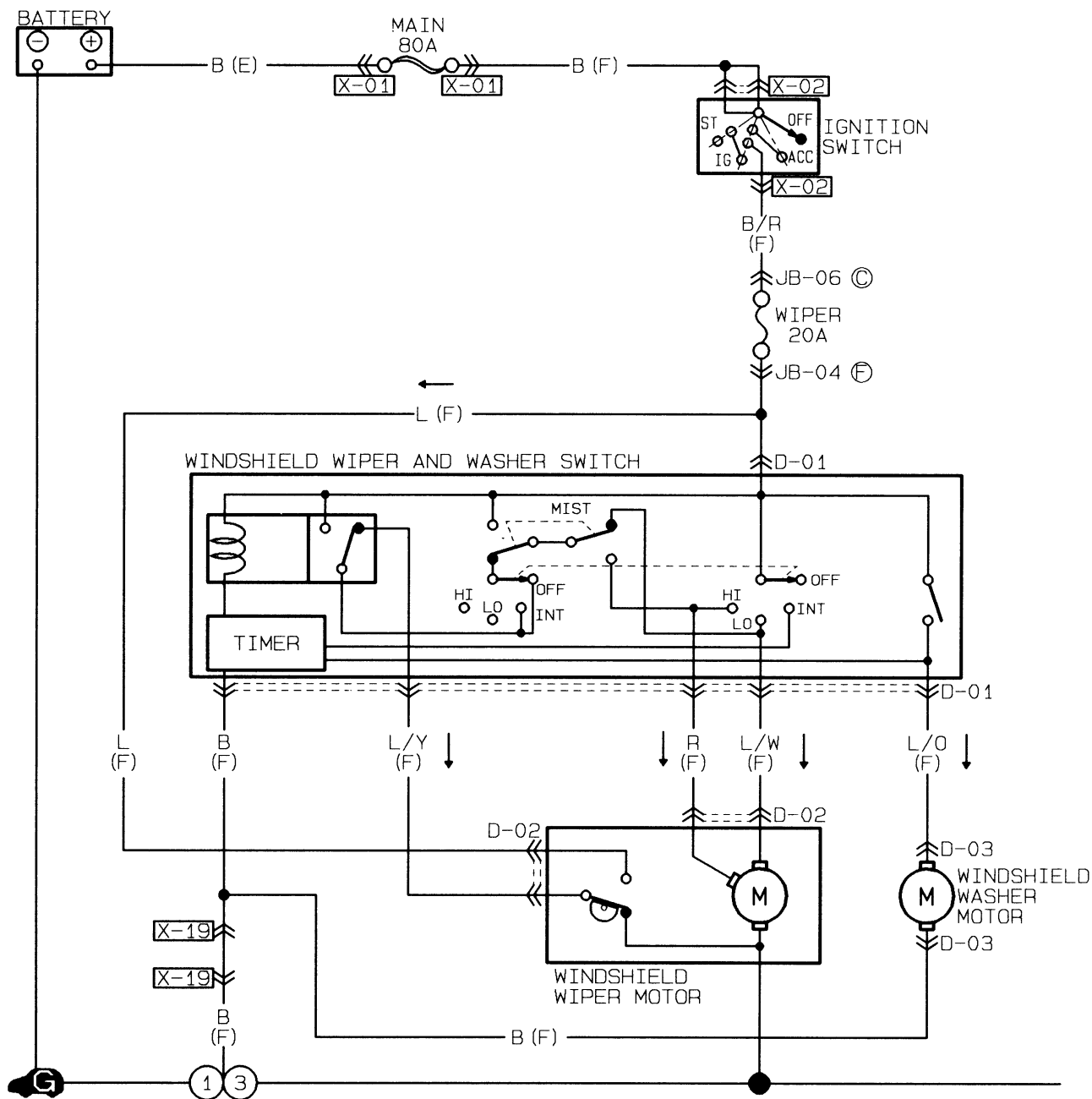
TOYOTA FRONT WIPERS



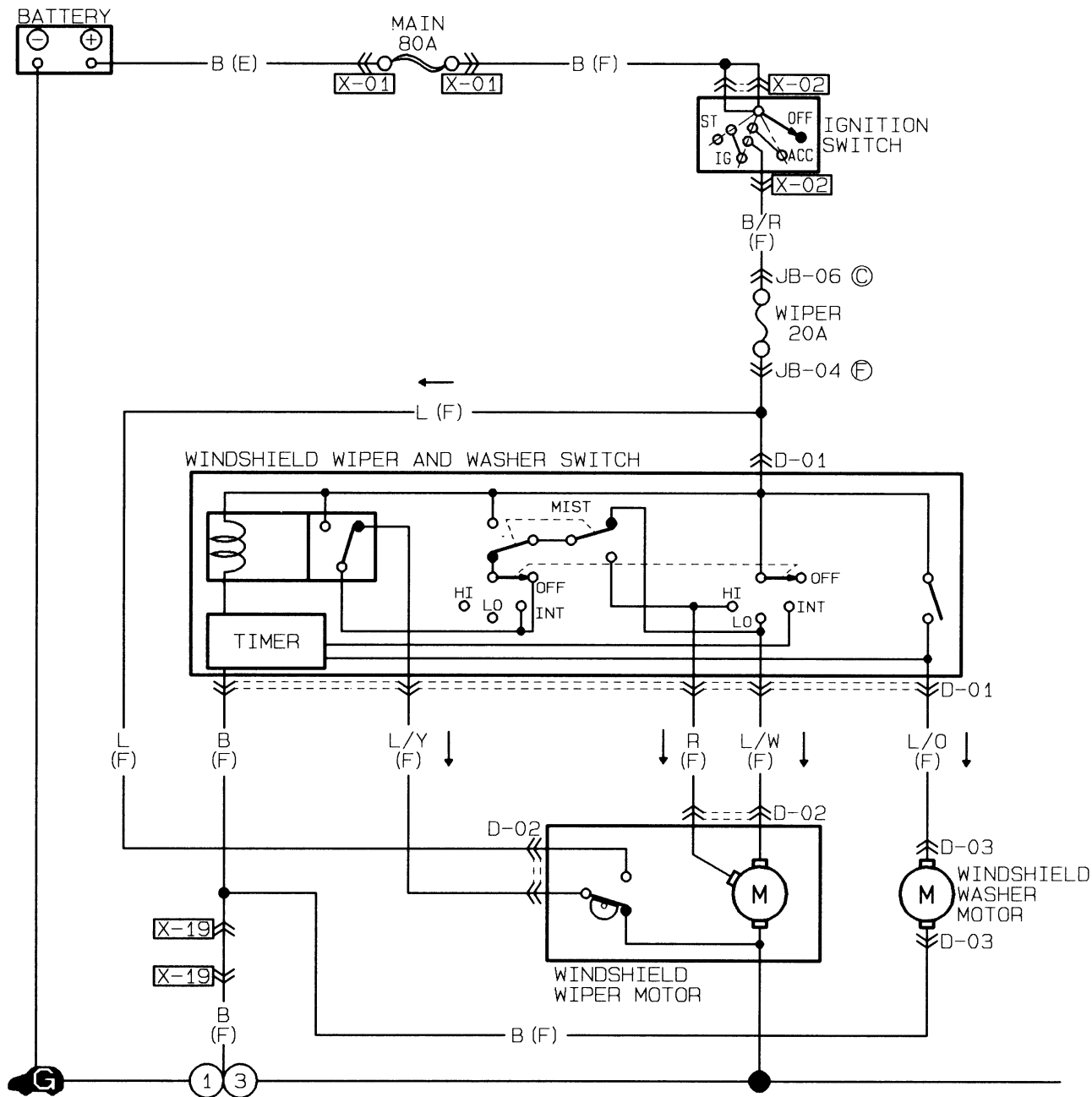
TOYOTA FRONT WIPERS



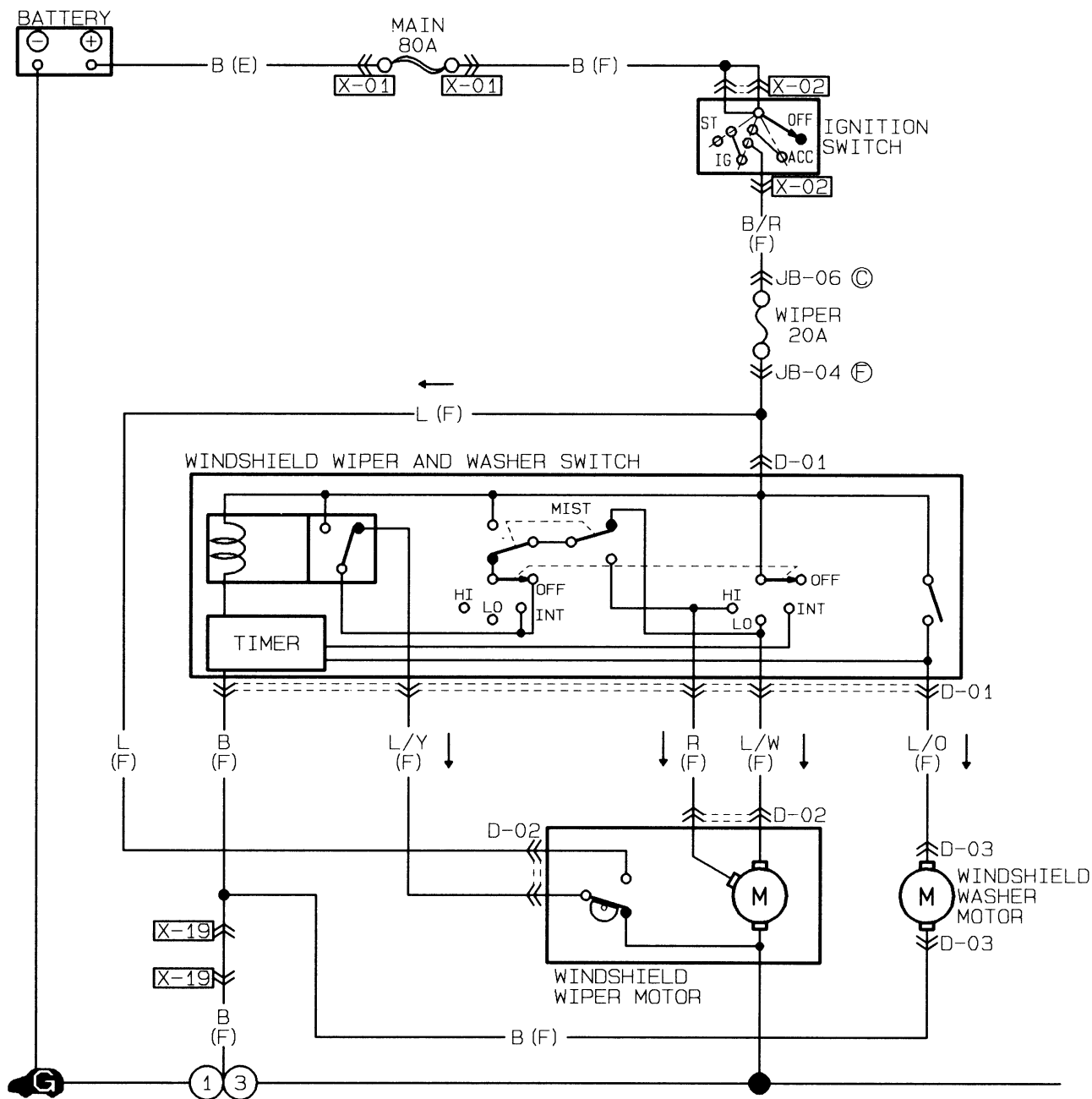
MAZDA WIPER / WASHER 1



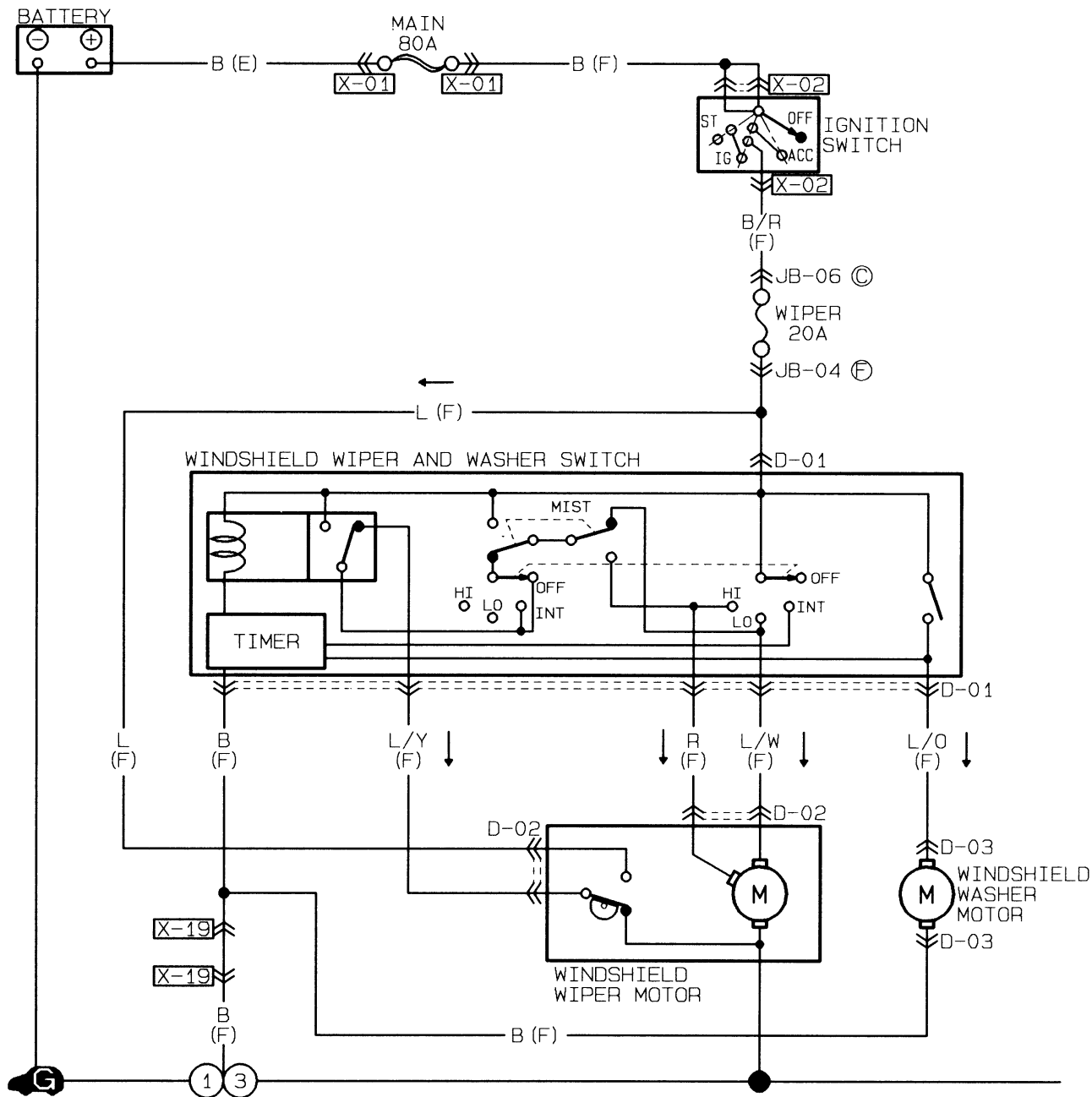
MAZDA WIPER / WASHER 1



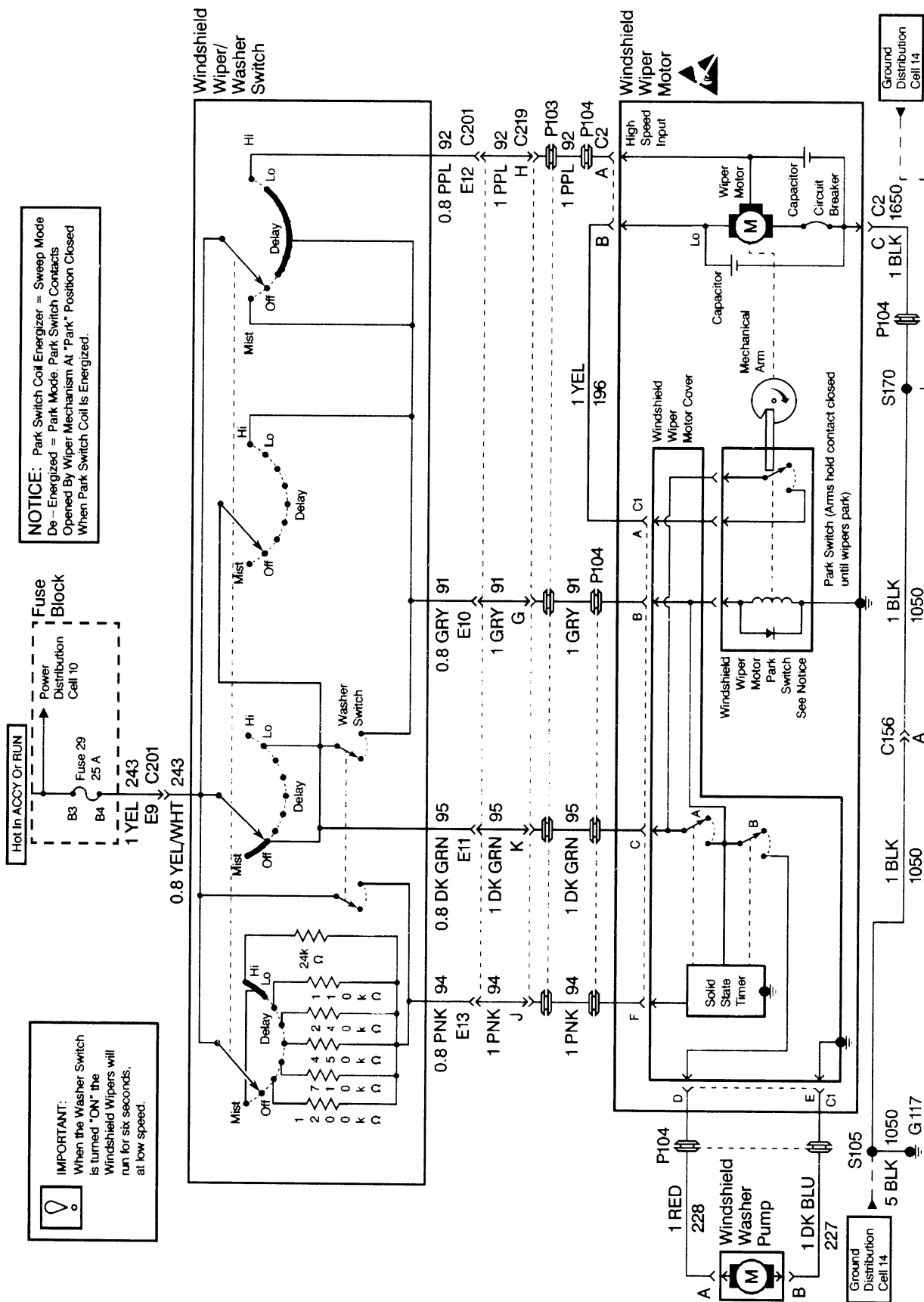
MAZDA WIPER / WASHER 1



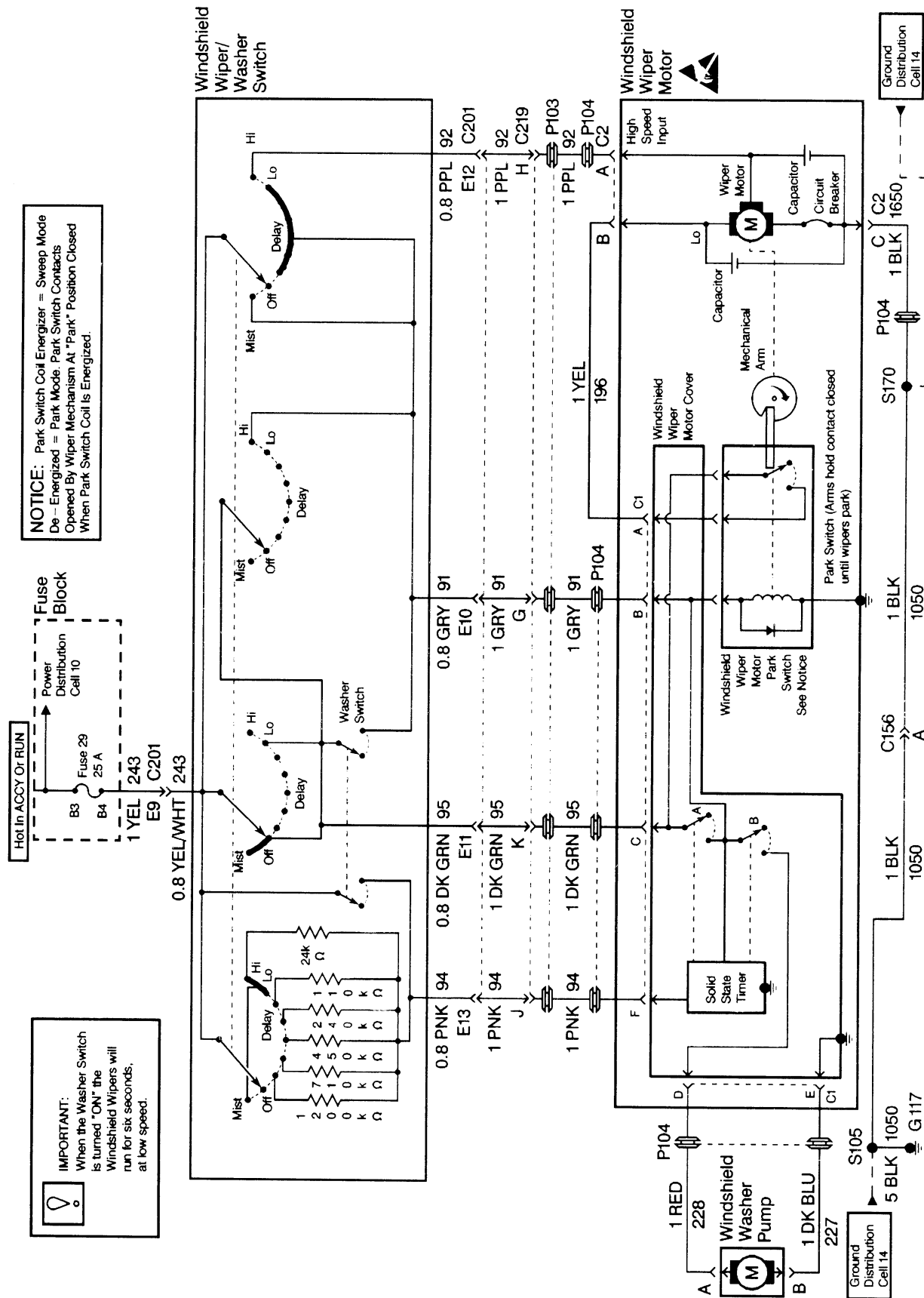
MAZDA WIPER / WASHER 1



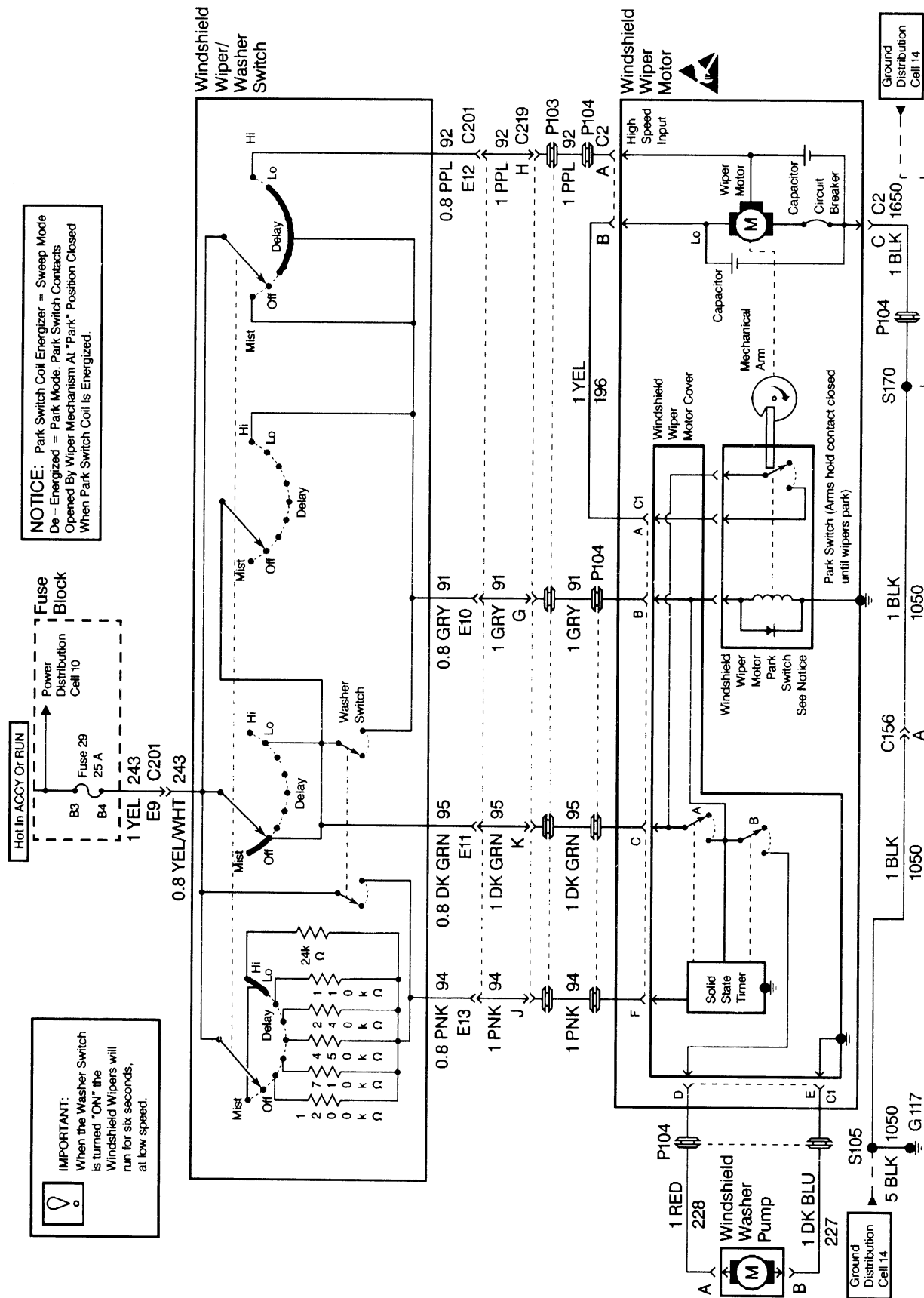
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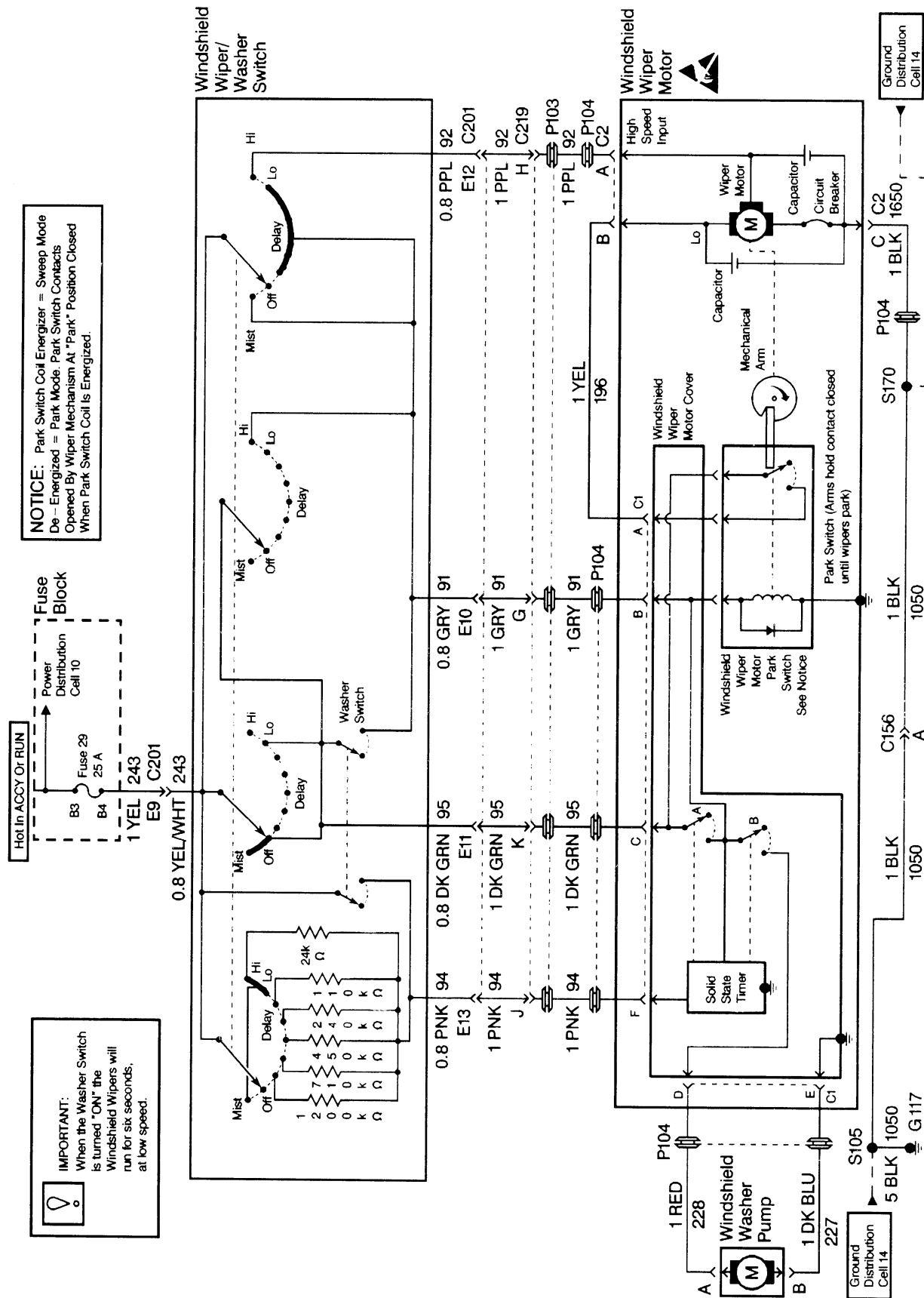
GM FRONT WIPER / WASHER



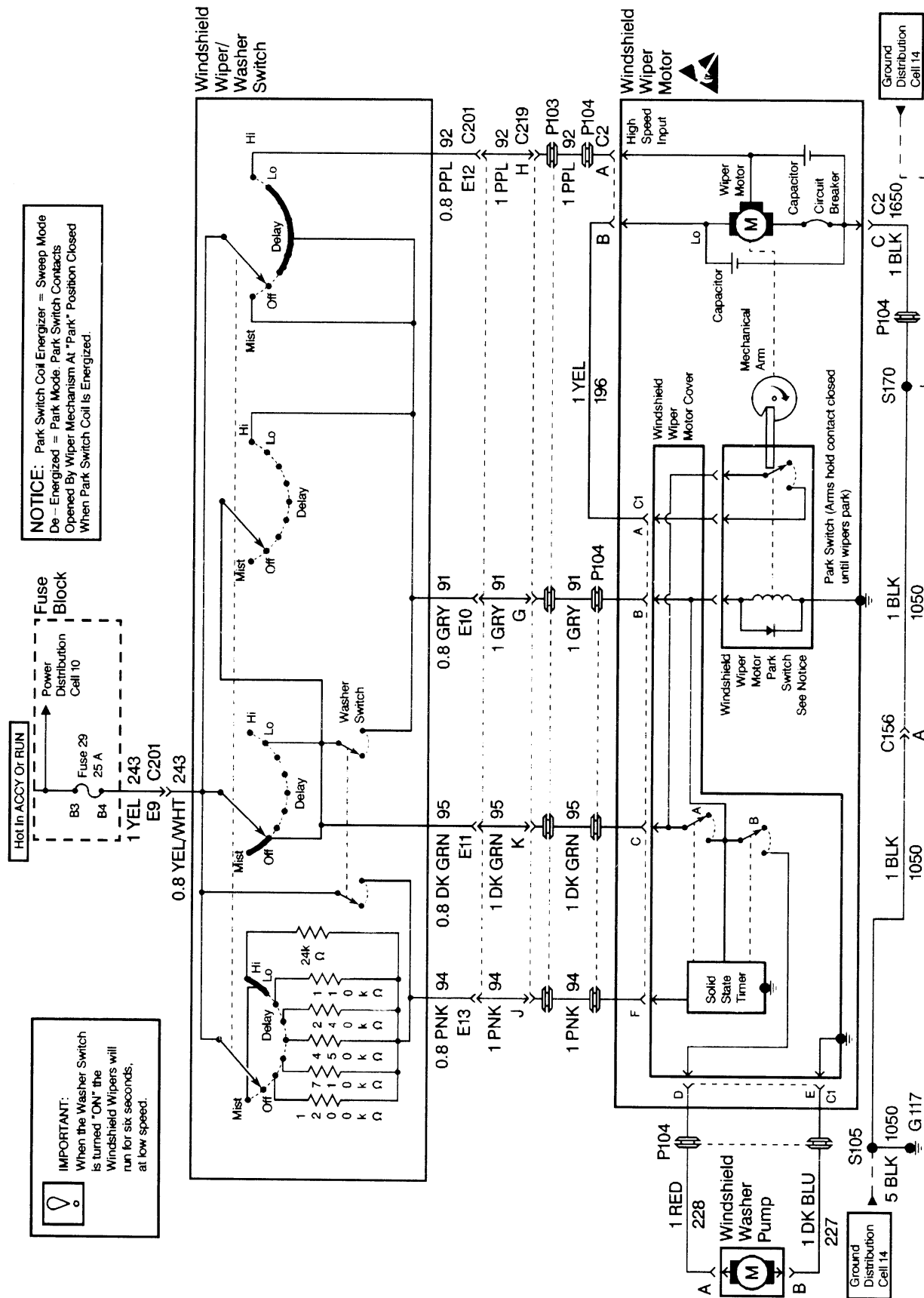
GM FRONT WIPER / WASHER



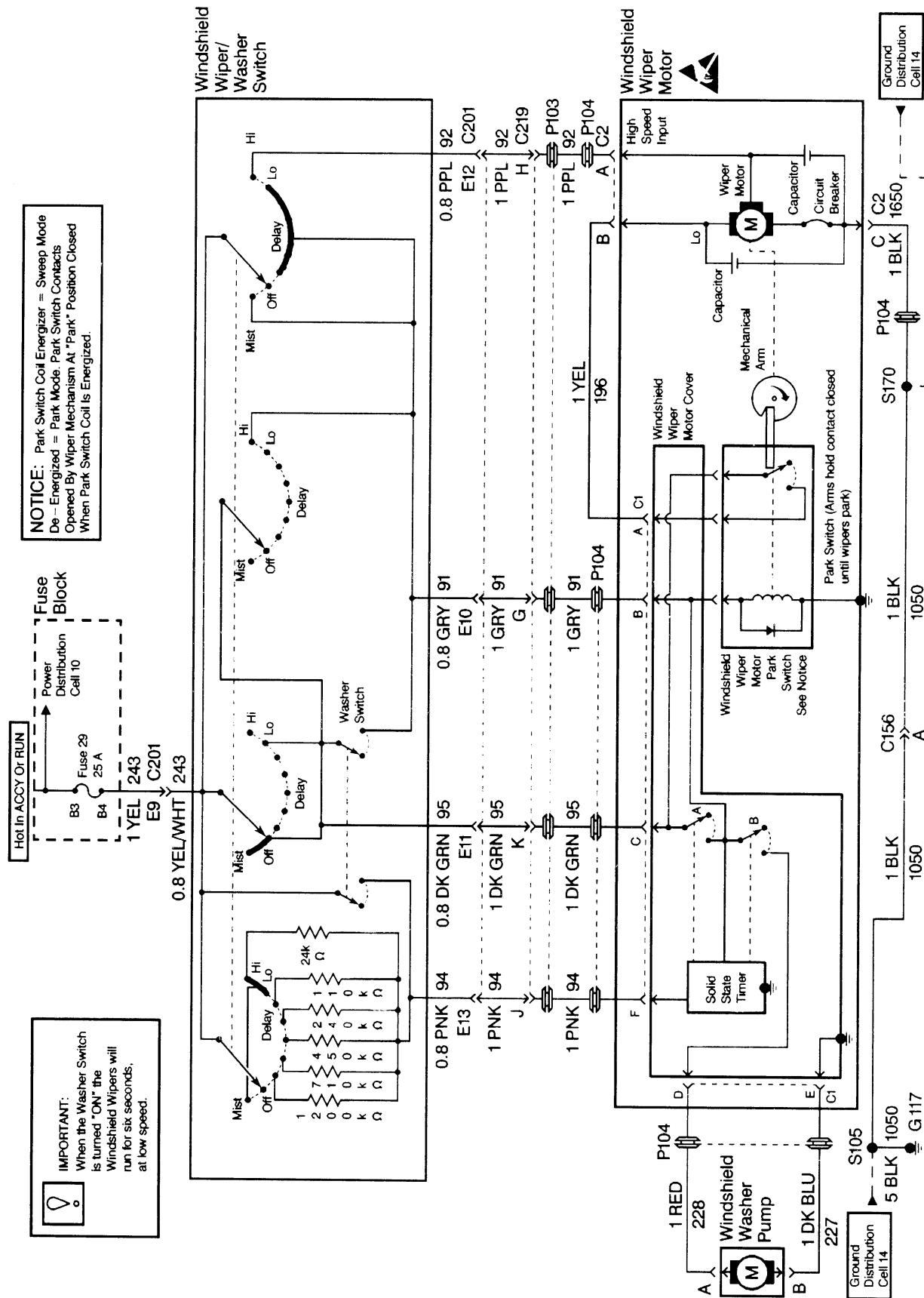
GM FRONT WIPER / WASHER



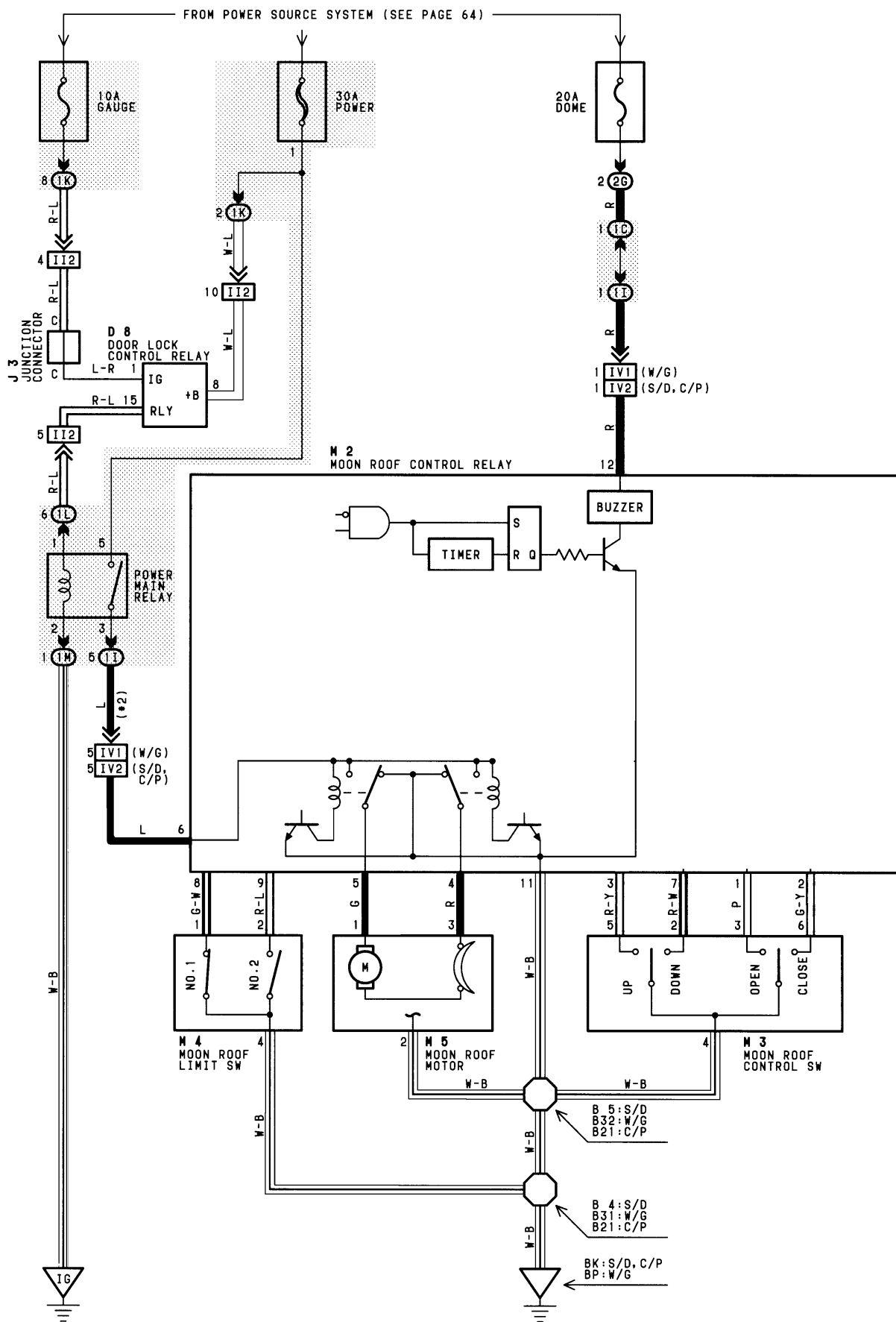
GM FRONT WIPER / WASHER



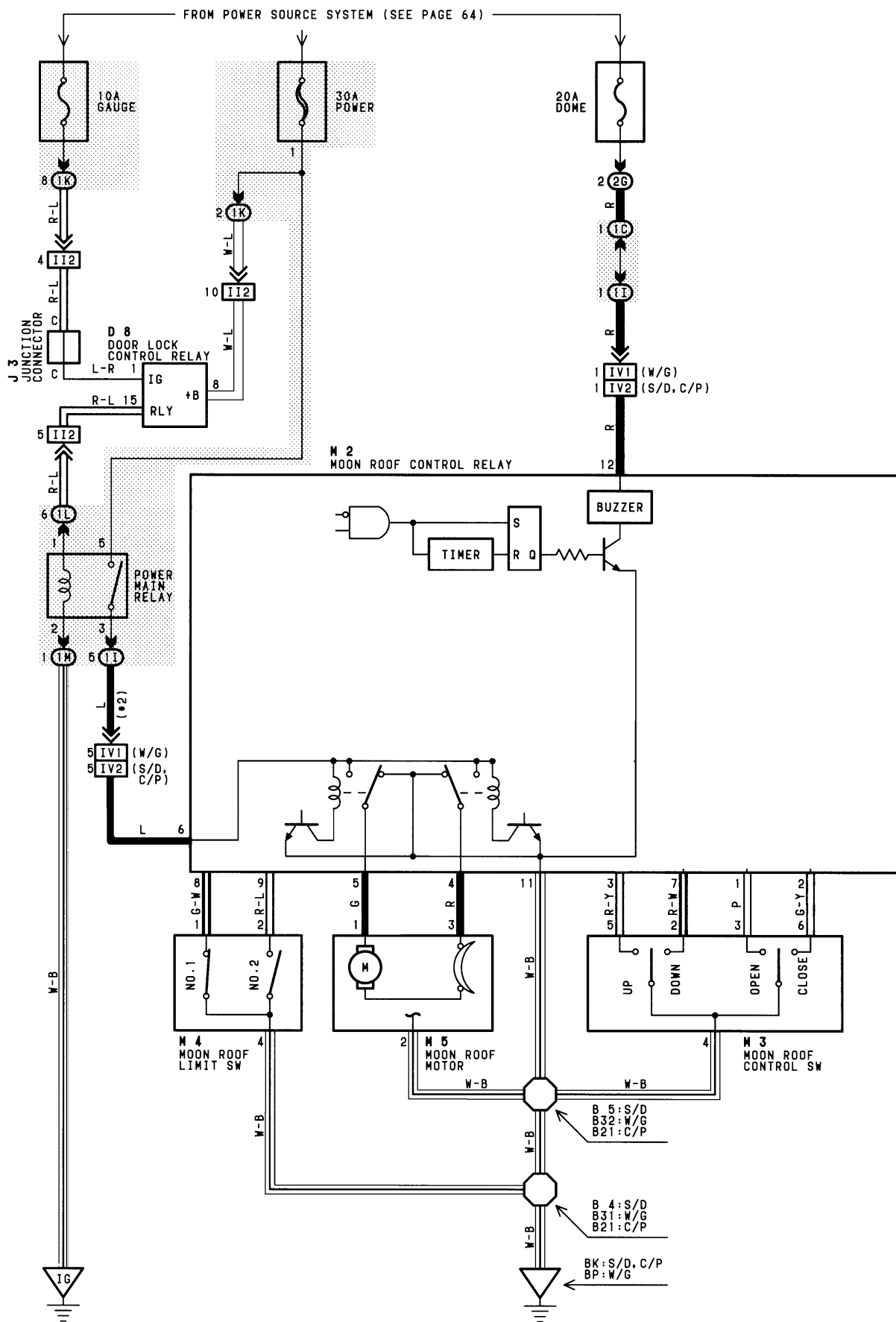
GM FRONT WIPER / WASHER



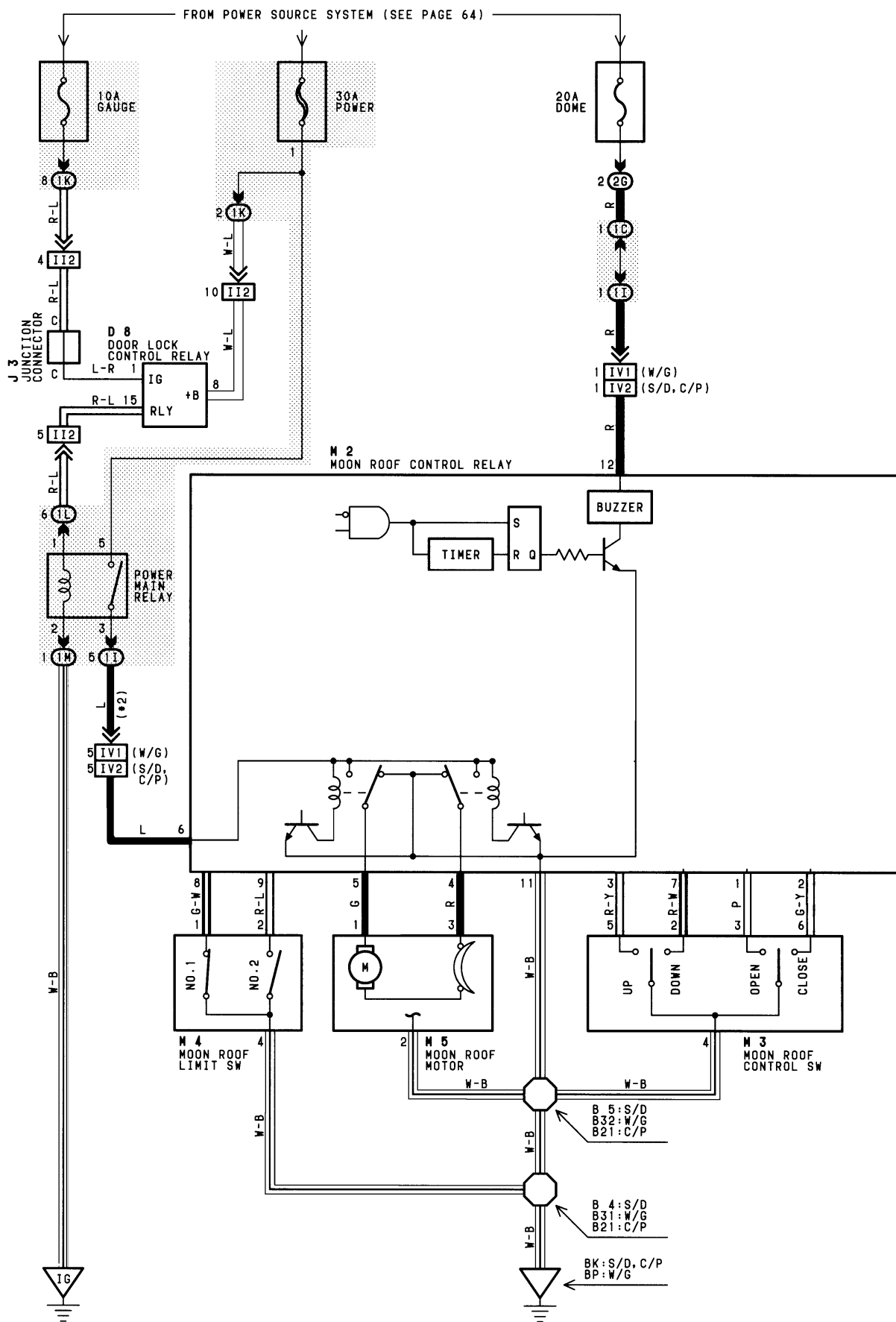
TOYOTA SUN ROOF



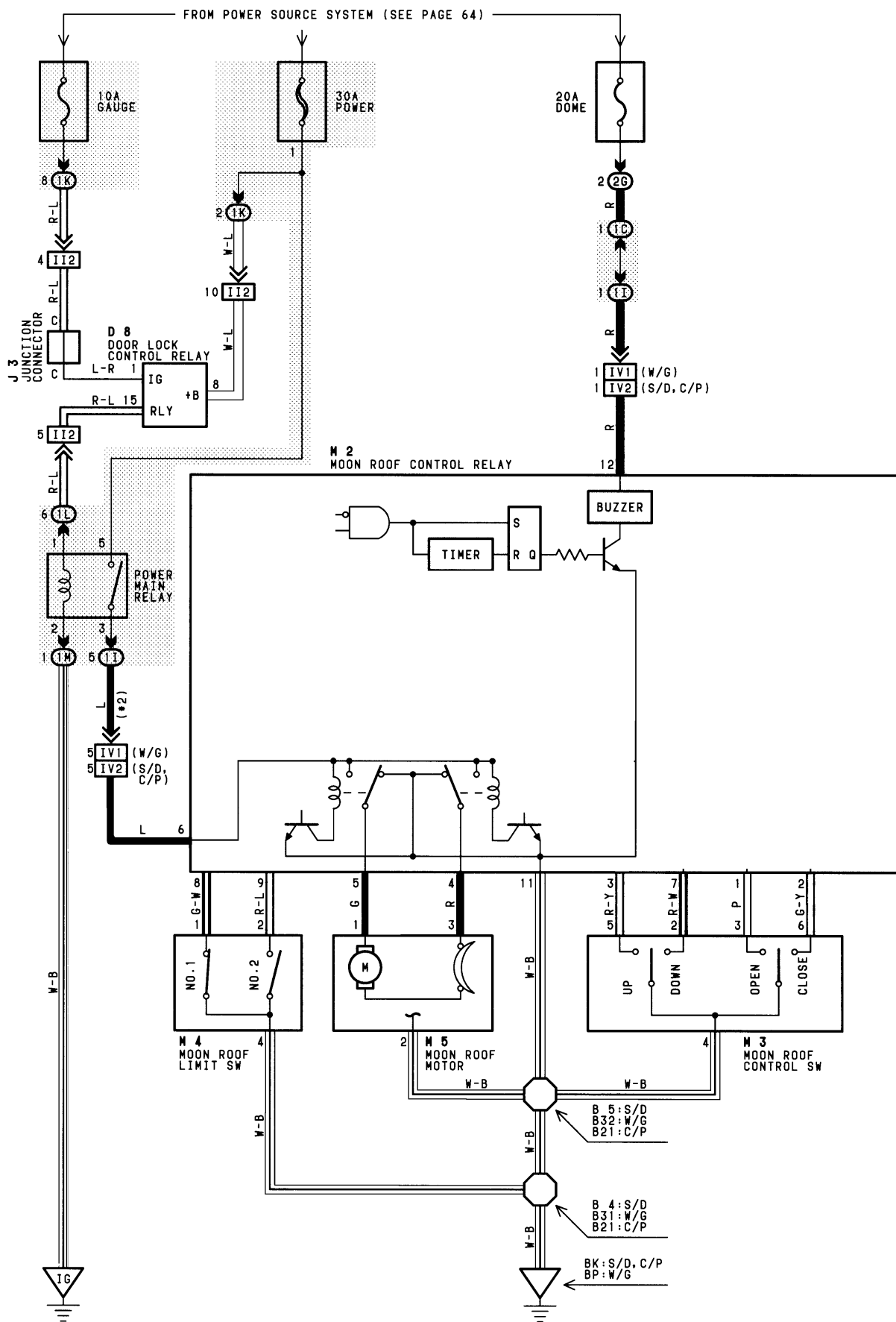
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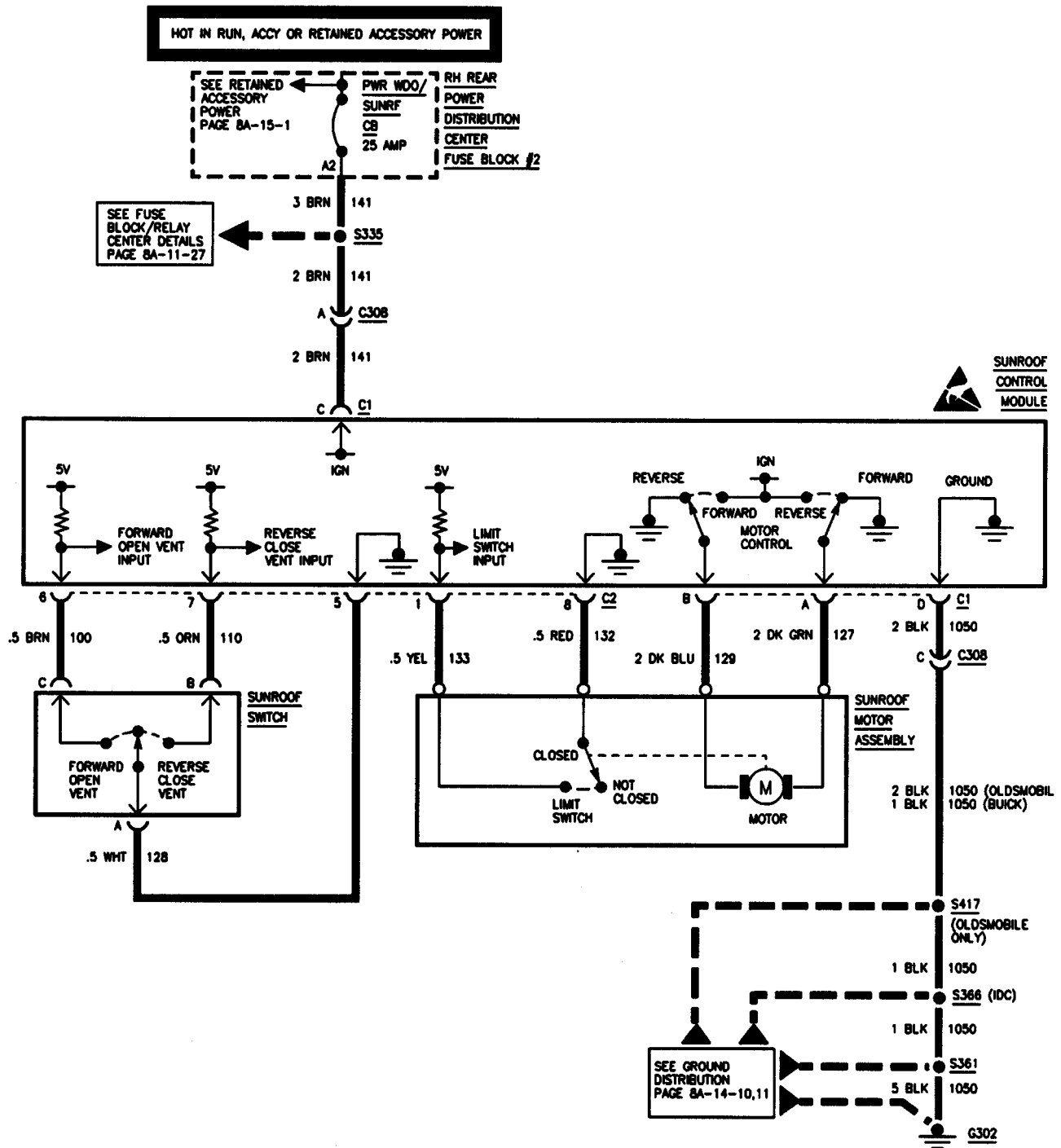
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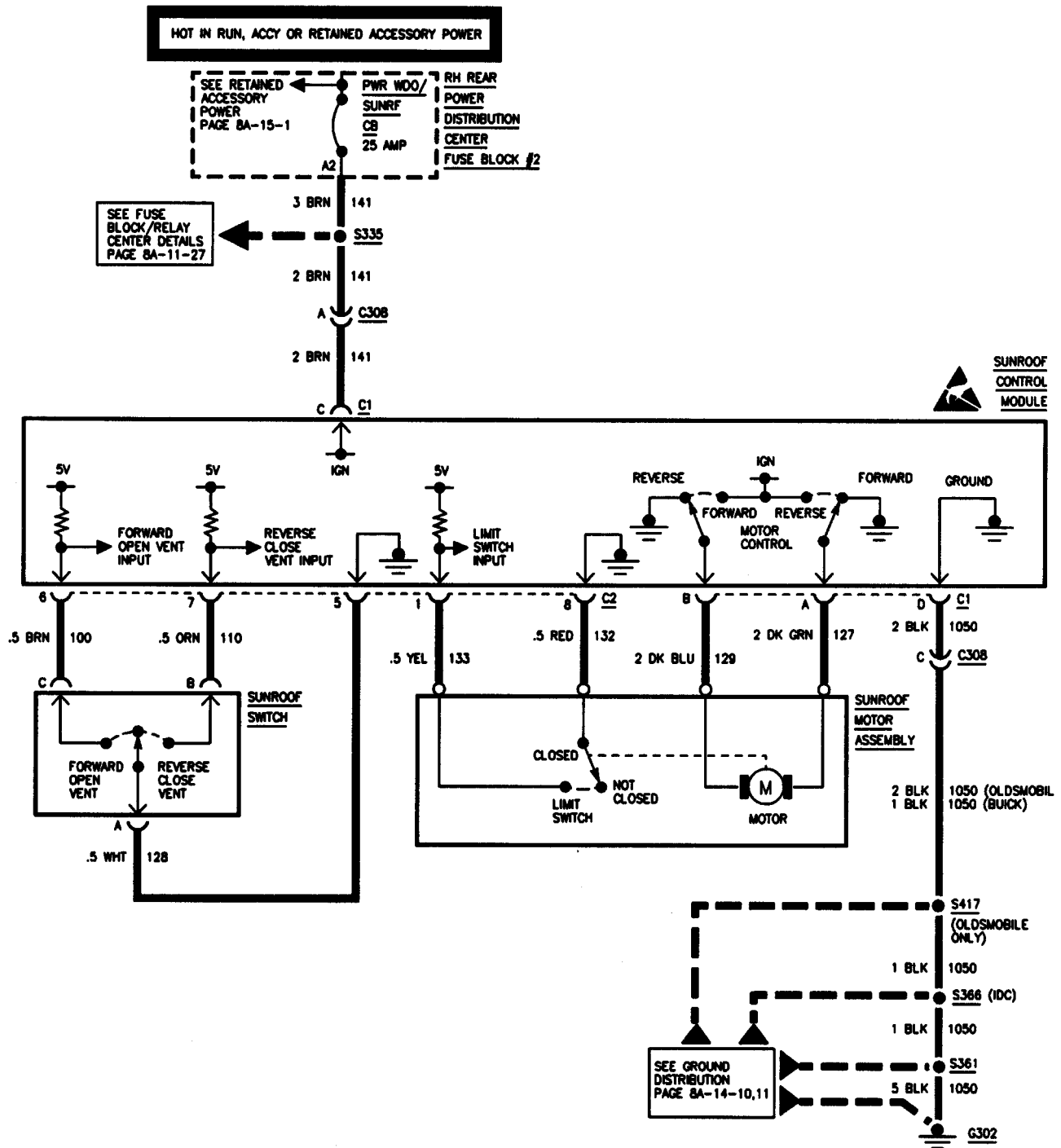
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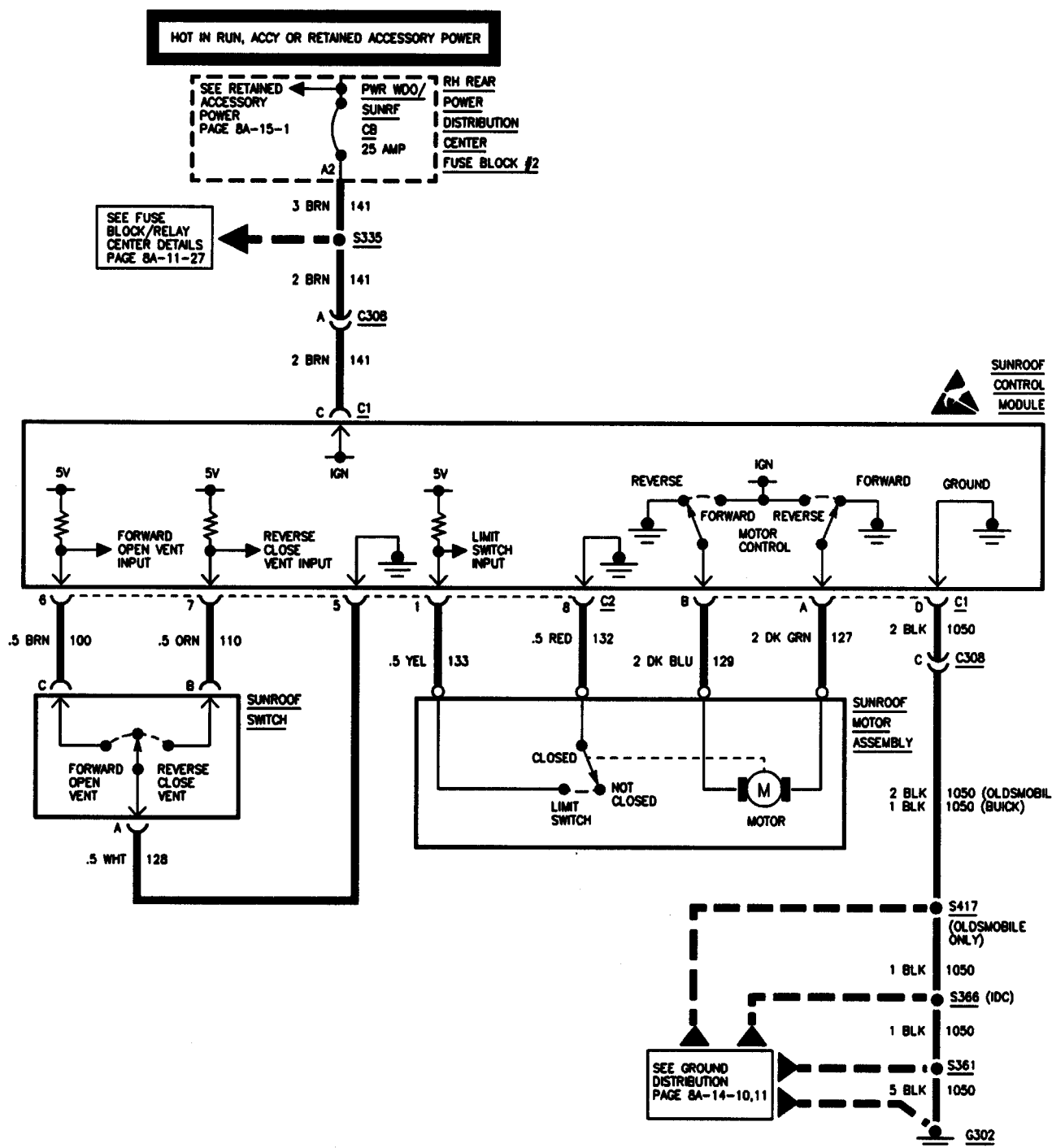
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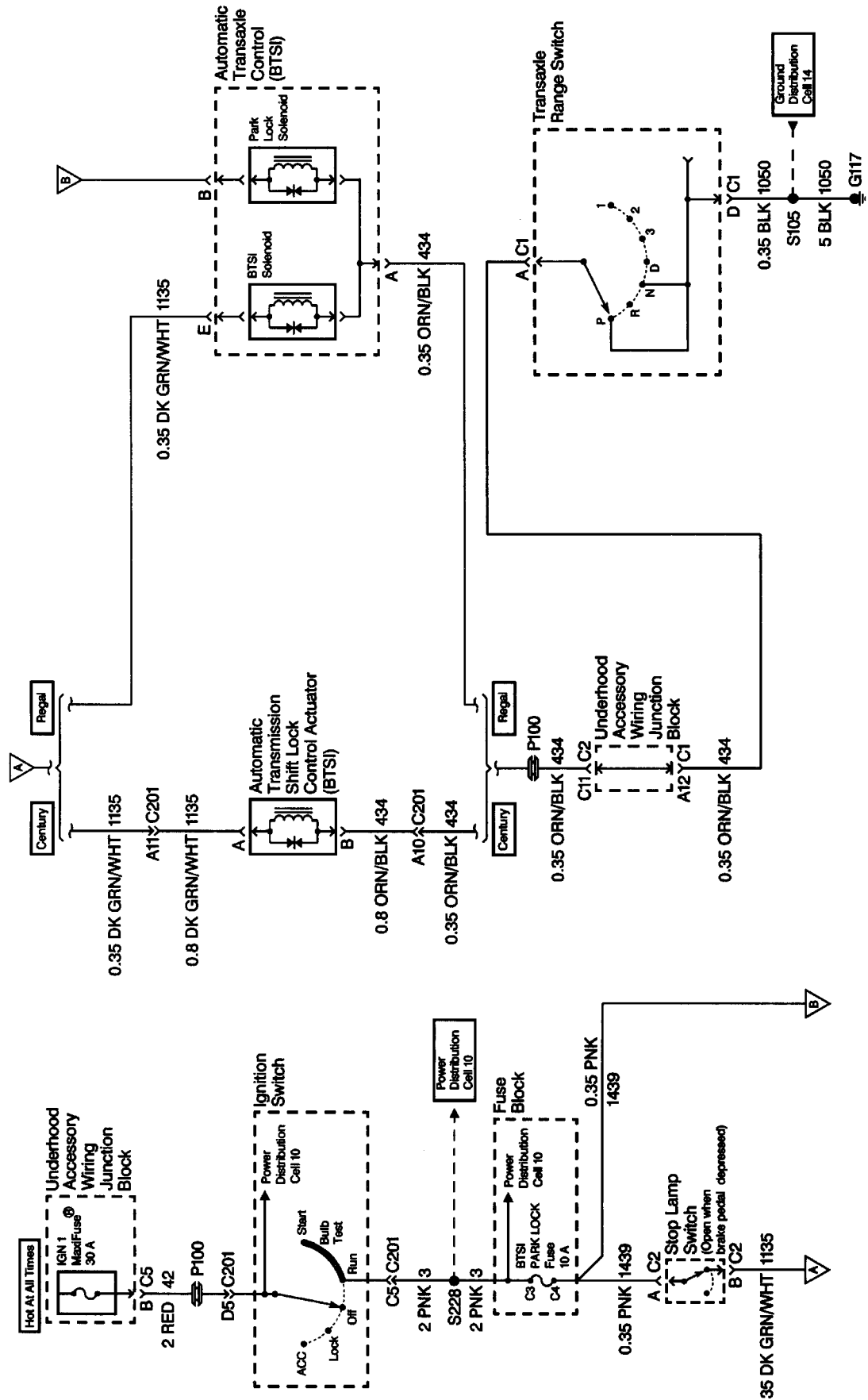
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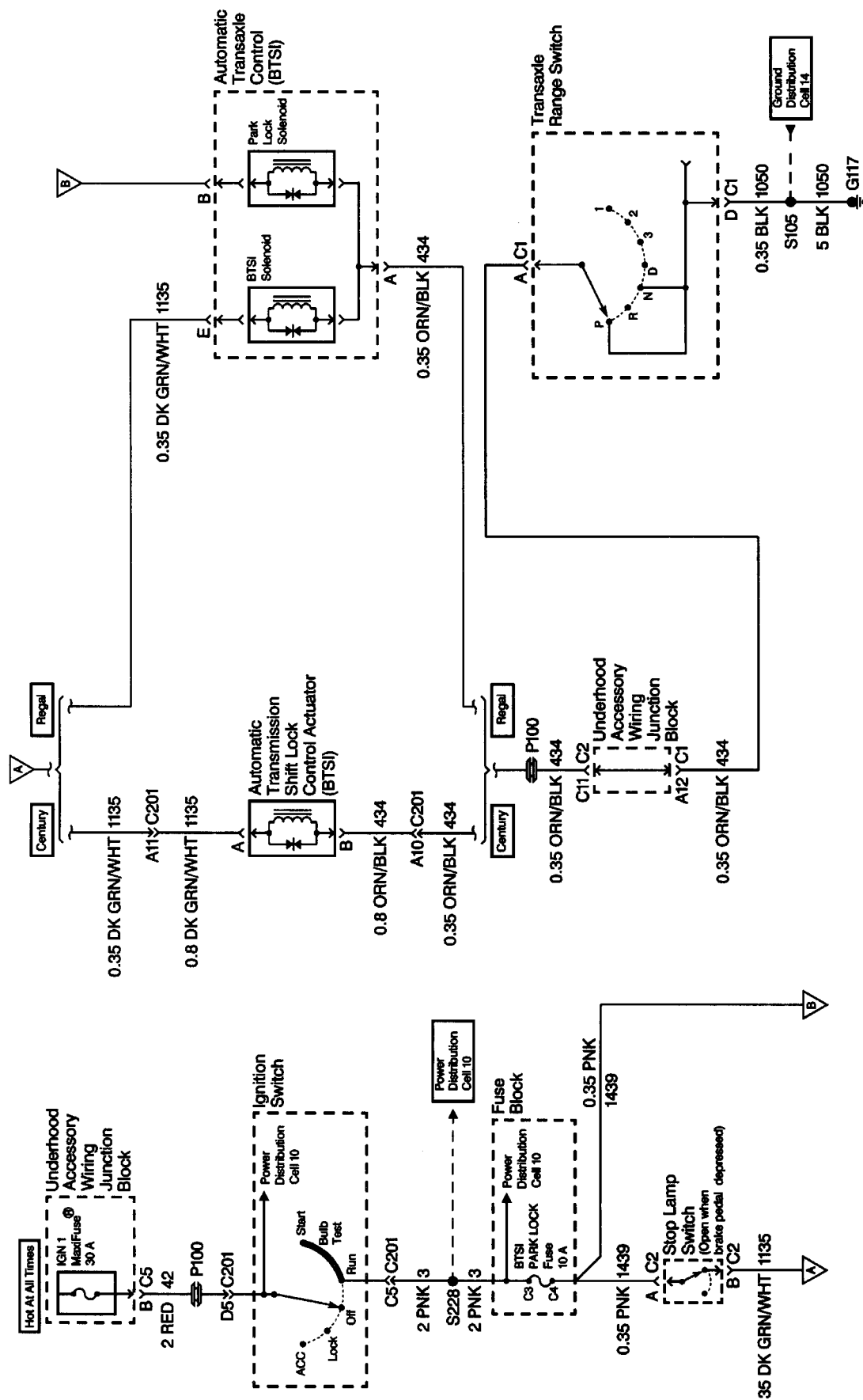
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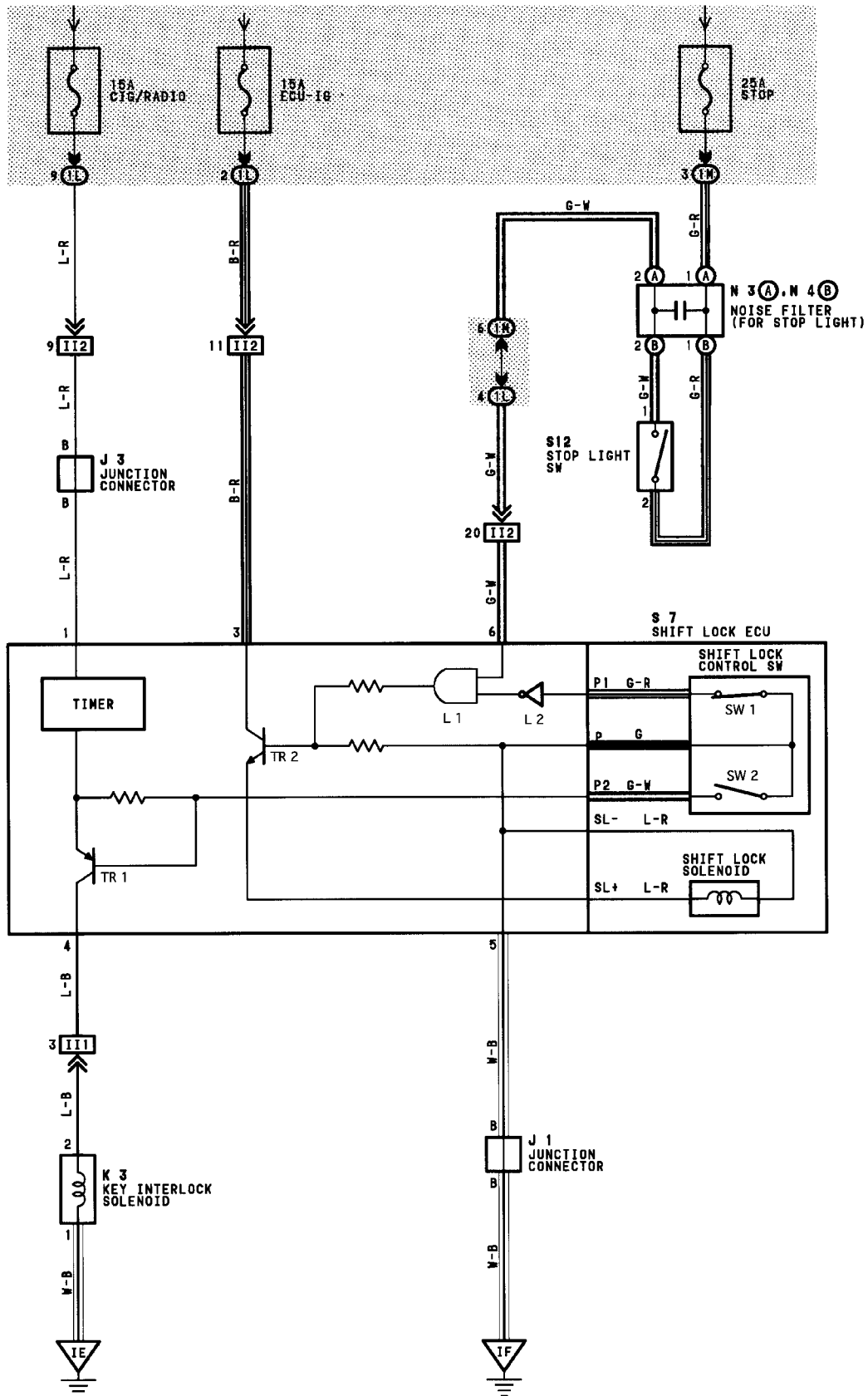
GM SHIFT INTERLOCK



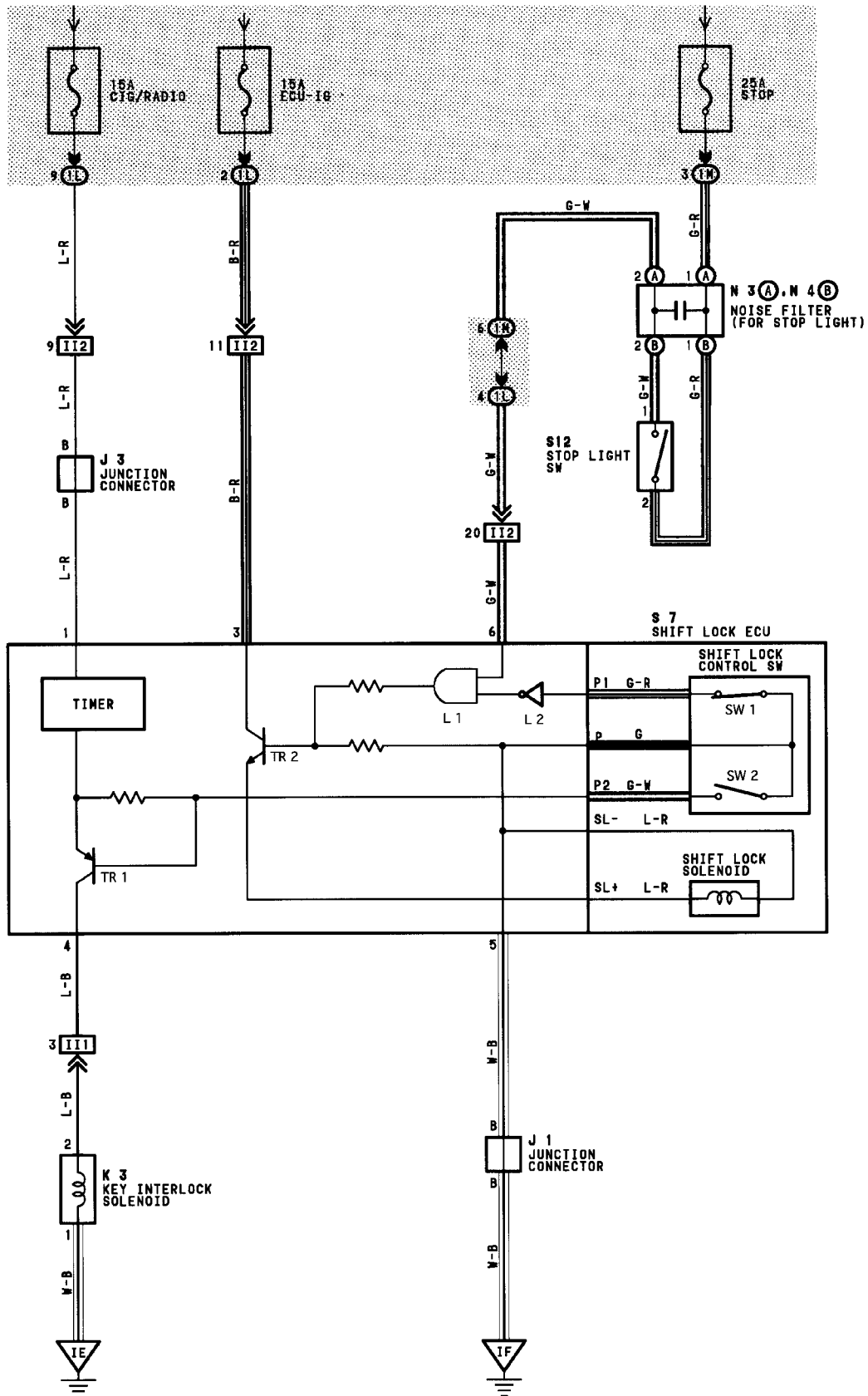
GM SHIFT INTERLOCK



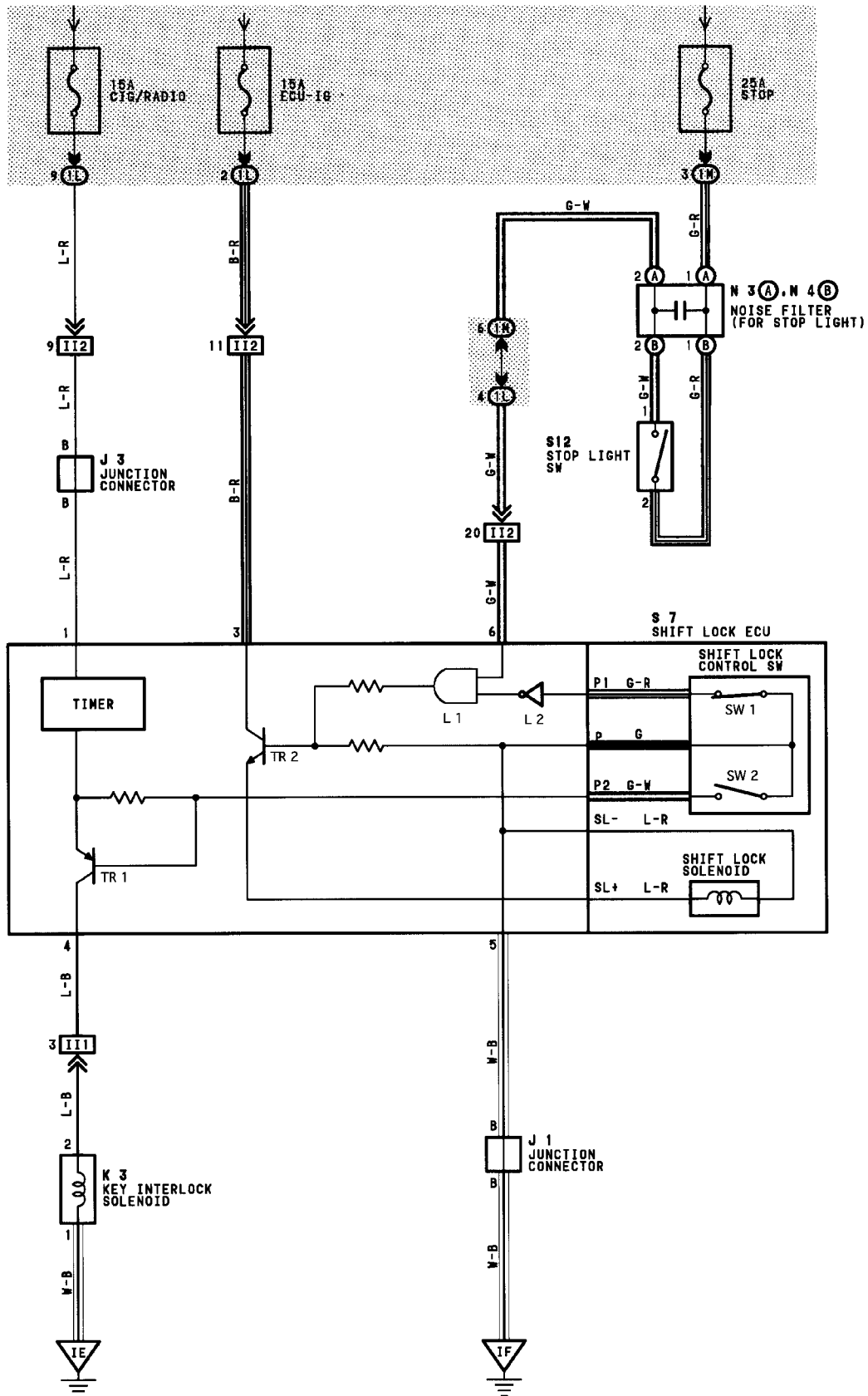
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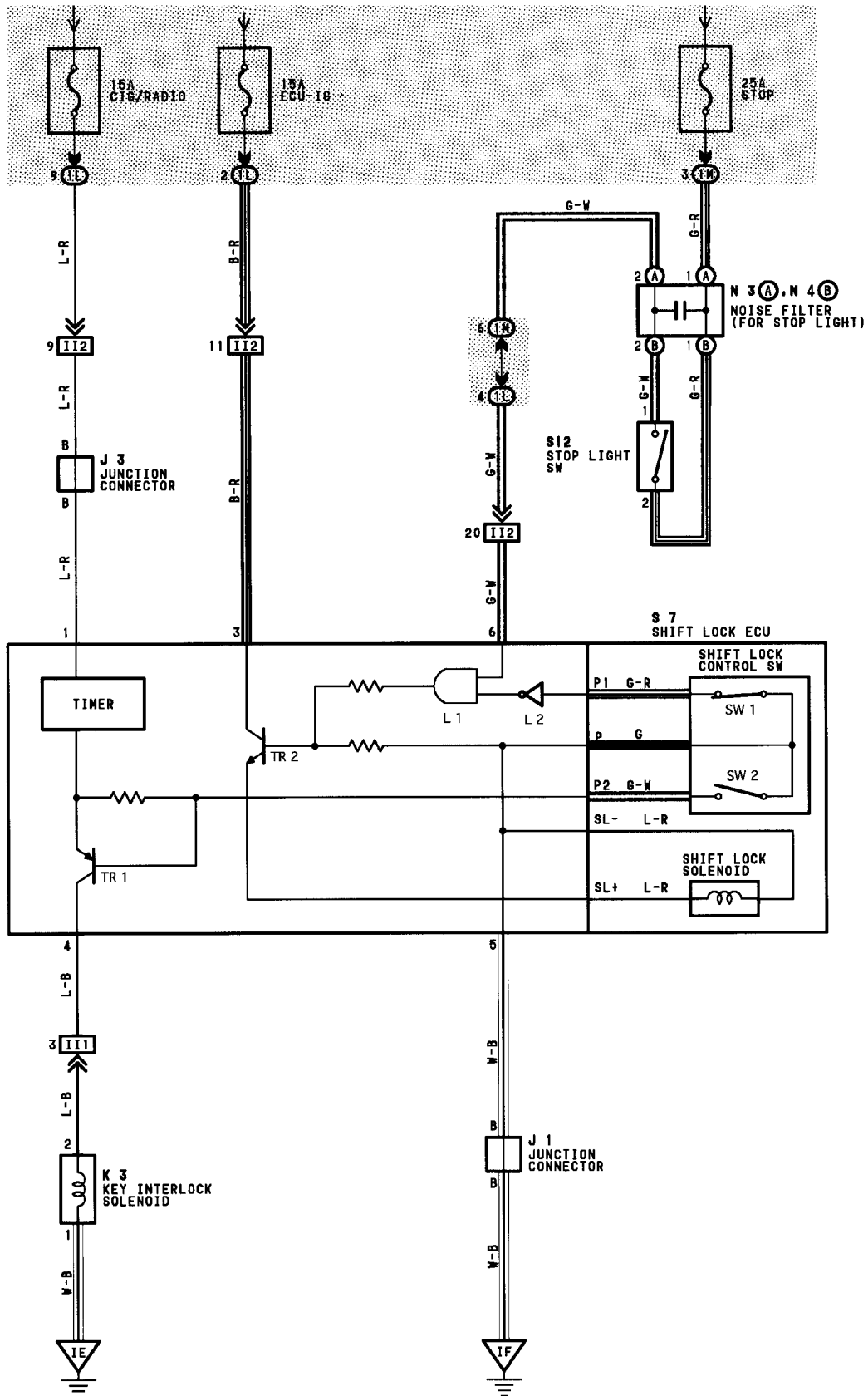
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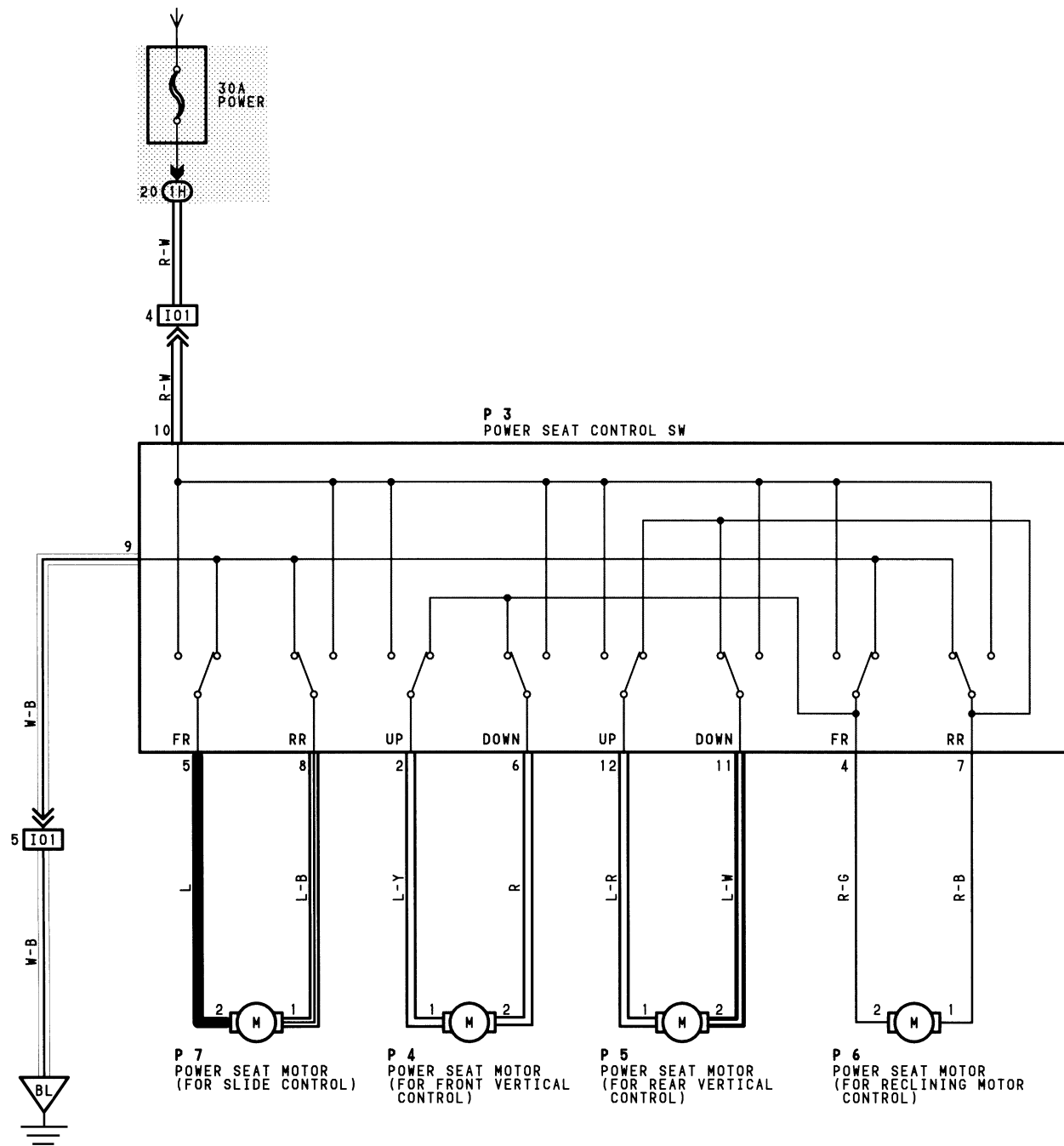
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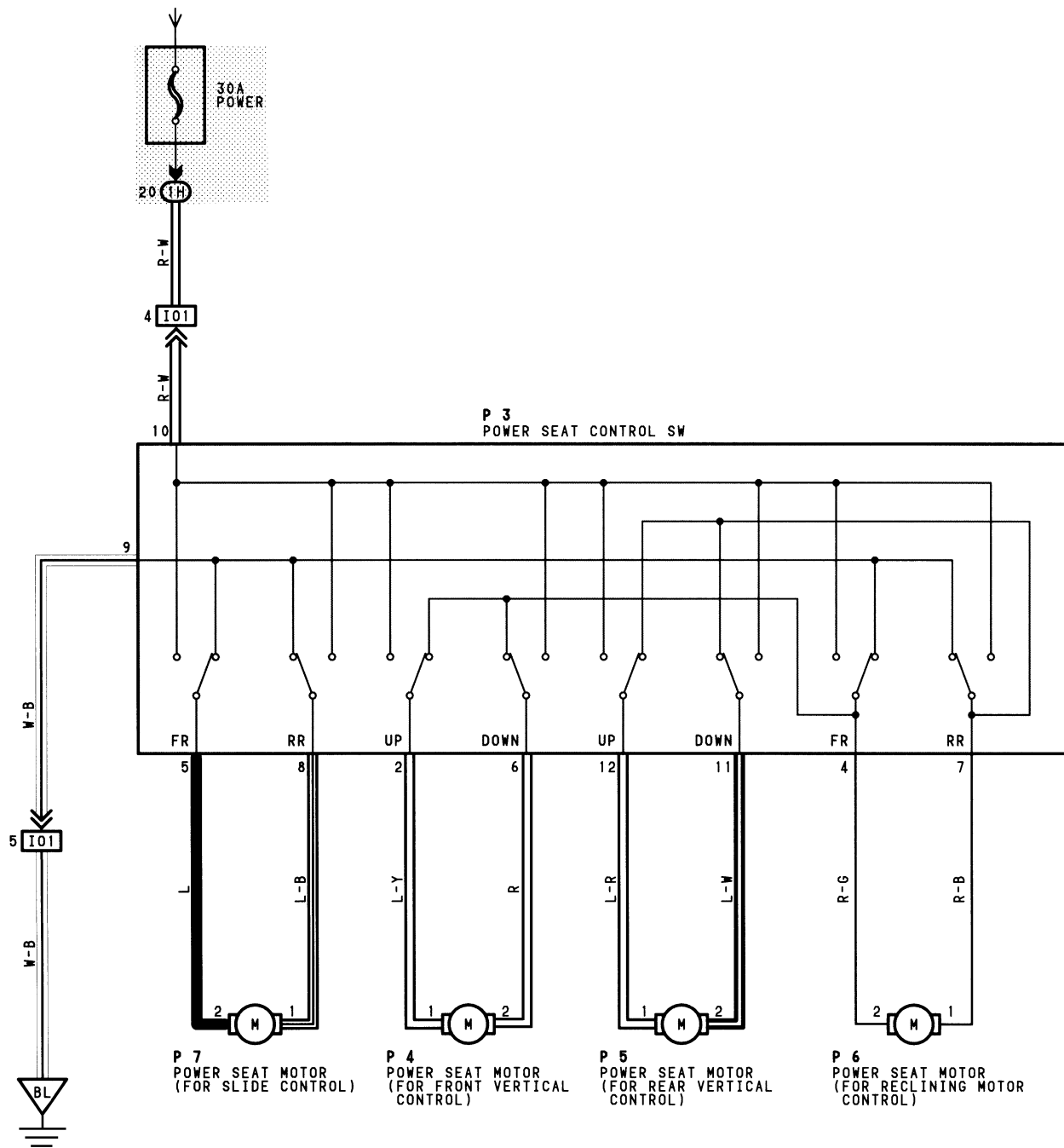
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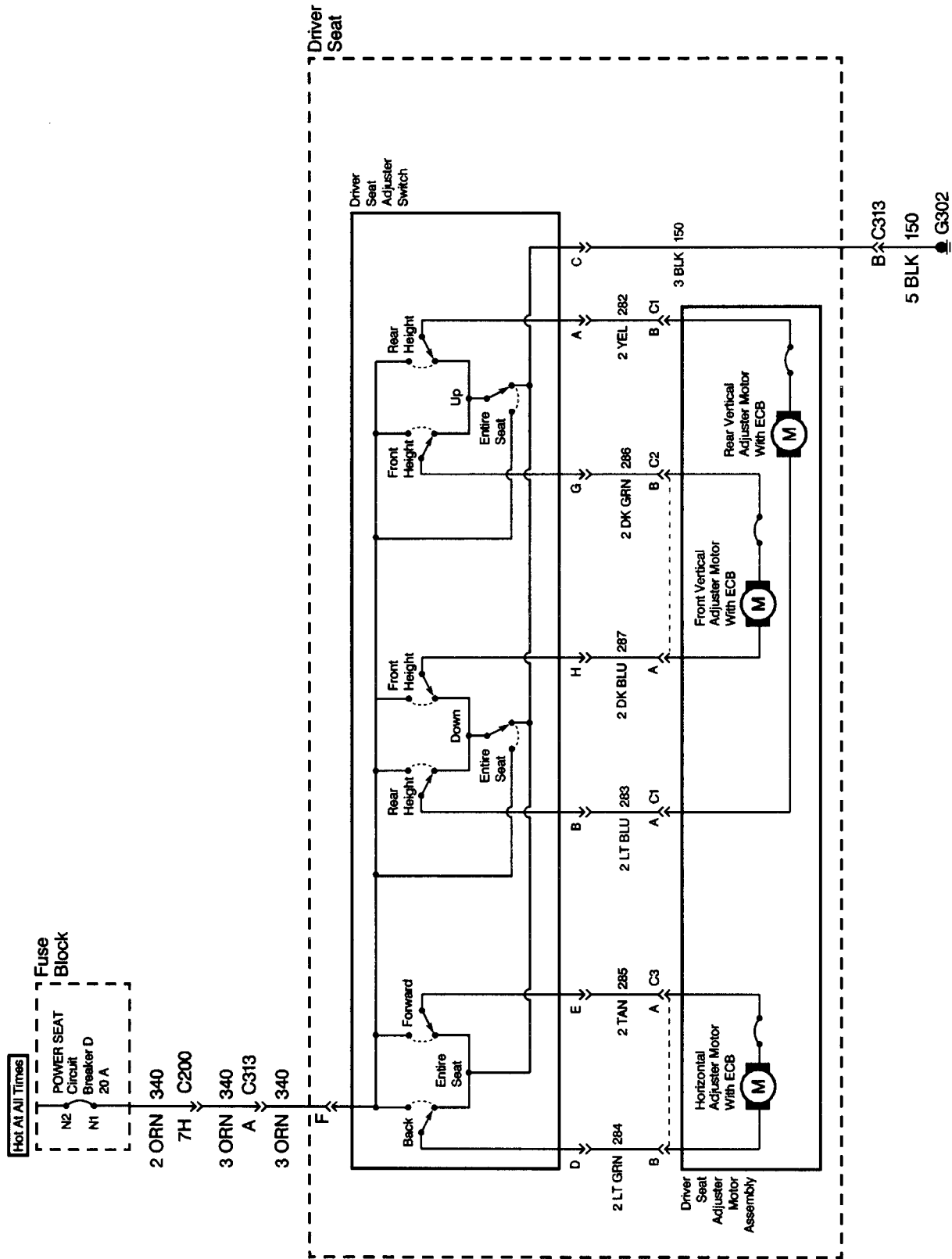
TOYOTA POWER SEAT



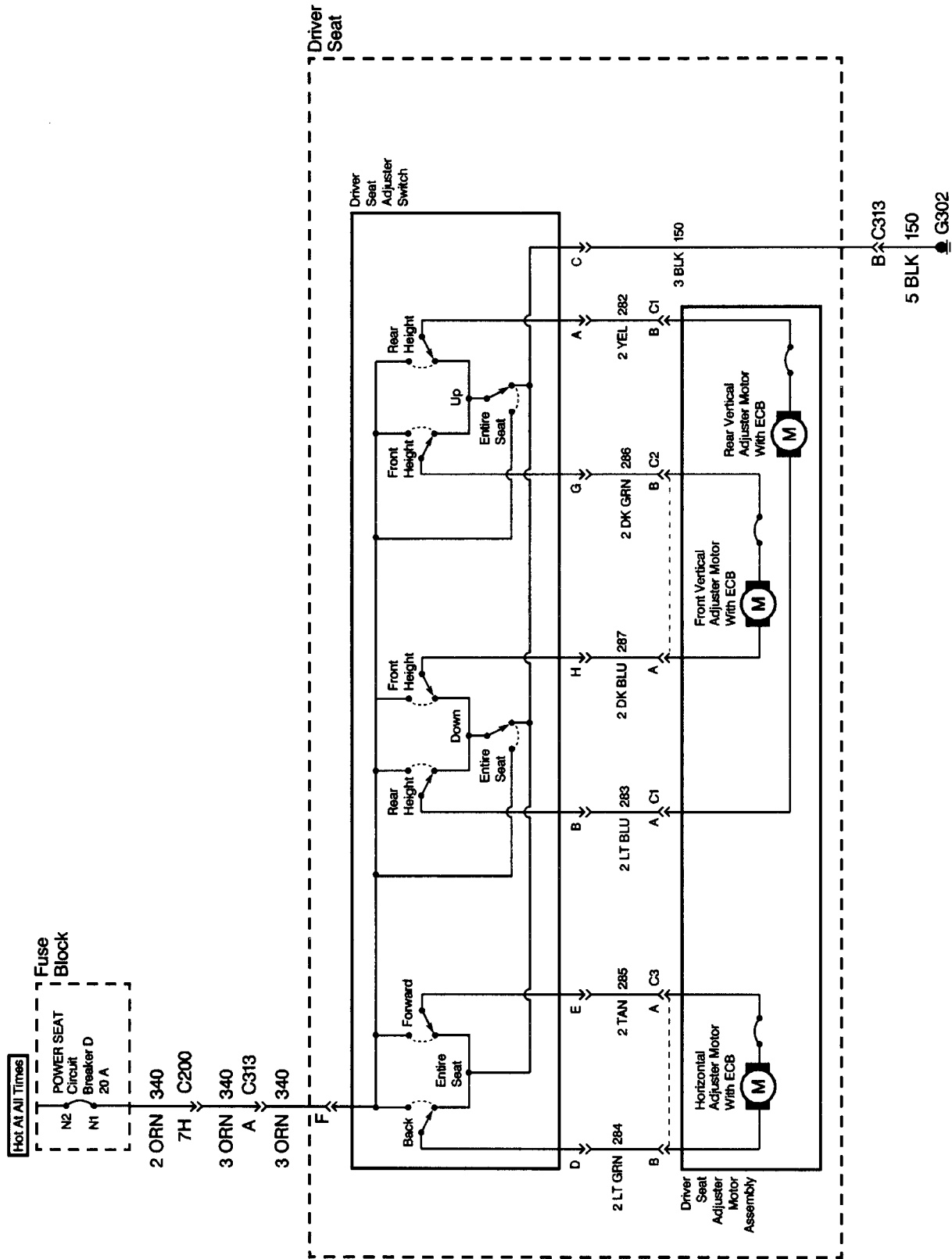
TOYOTA POWER SEAT



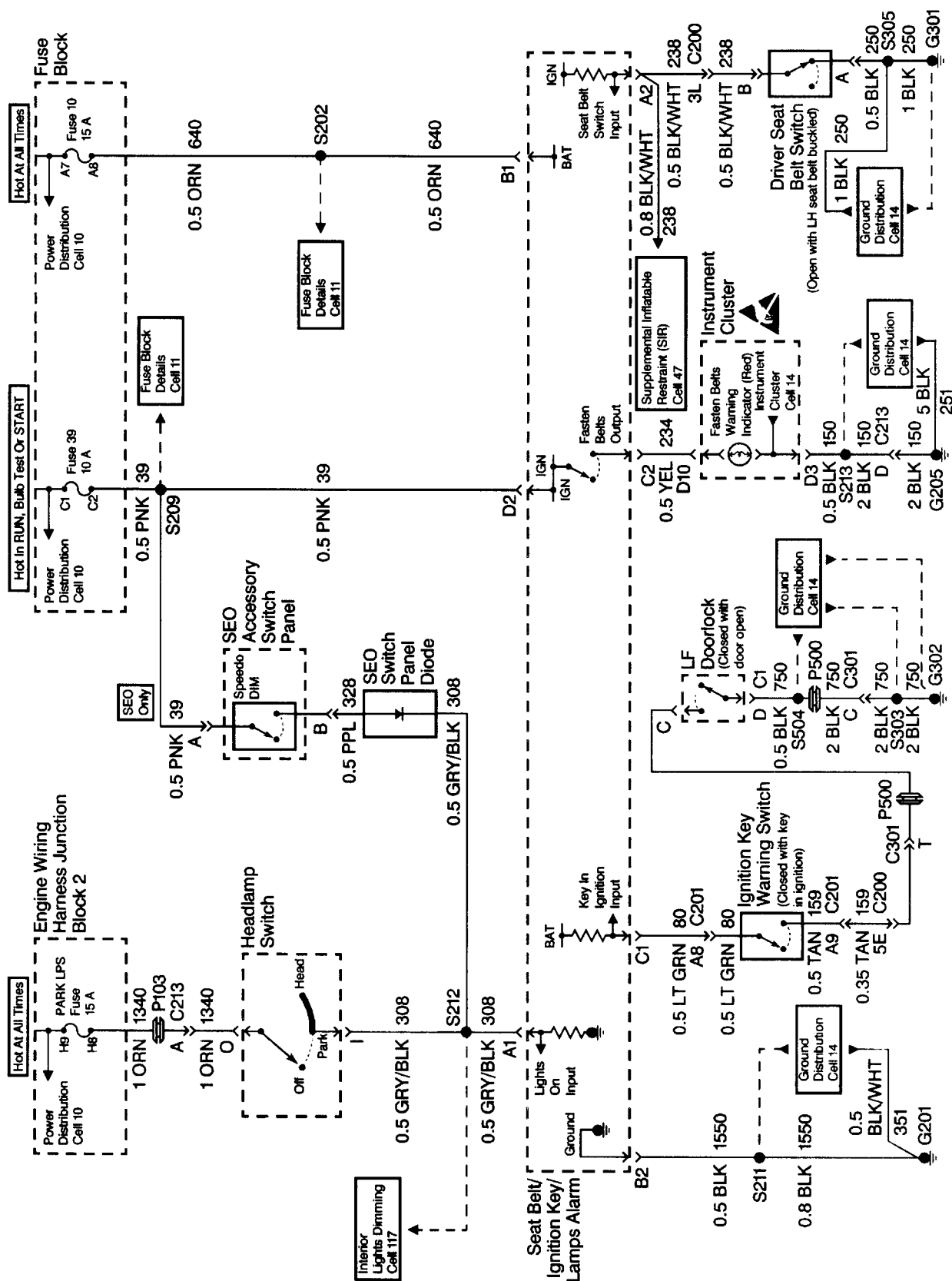
GM POWER SEAT



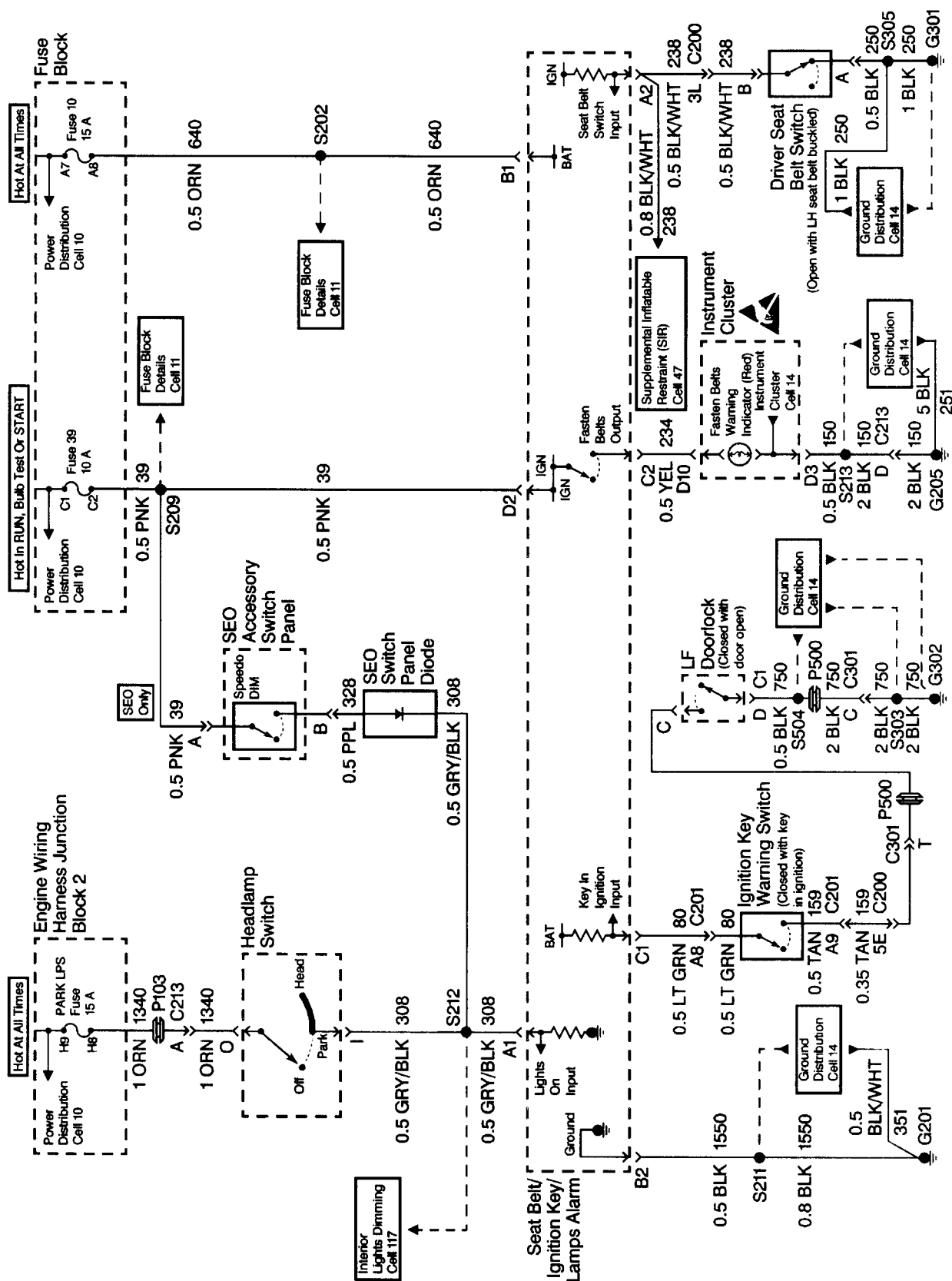
GM POWER SEAT



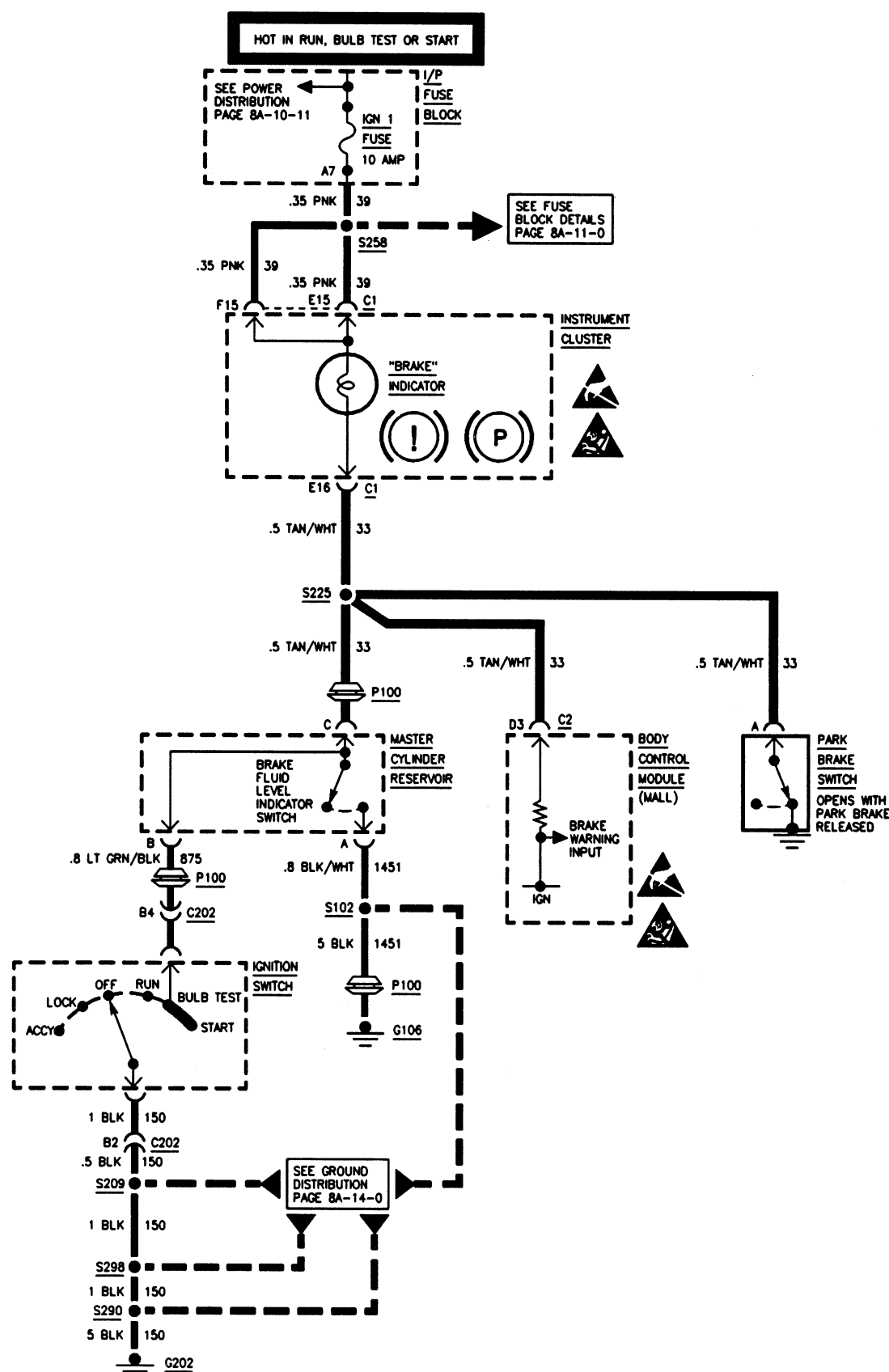
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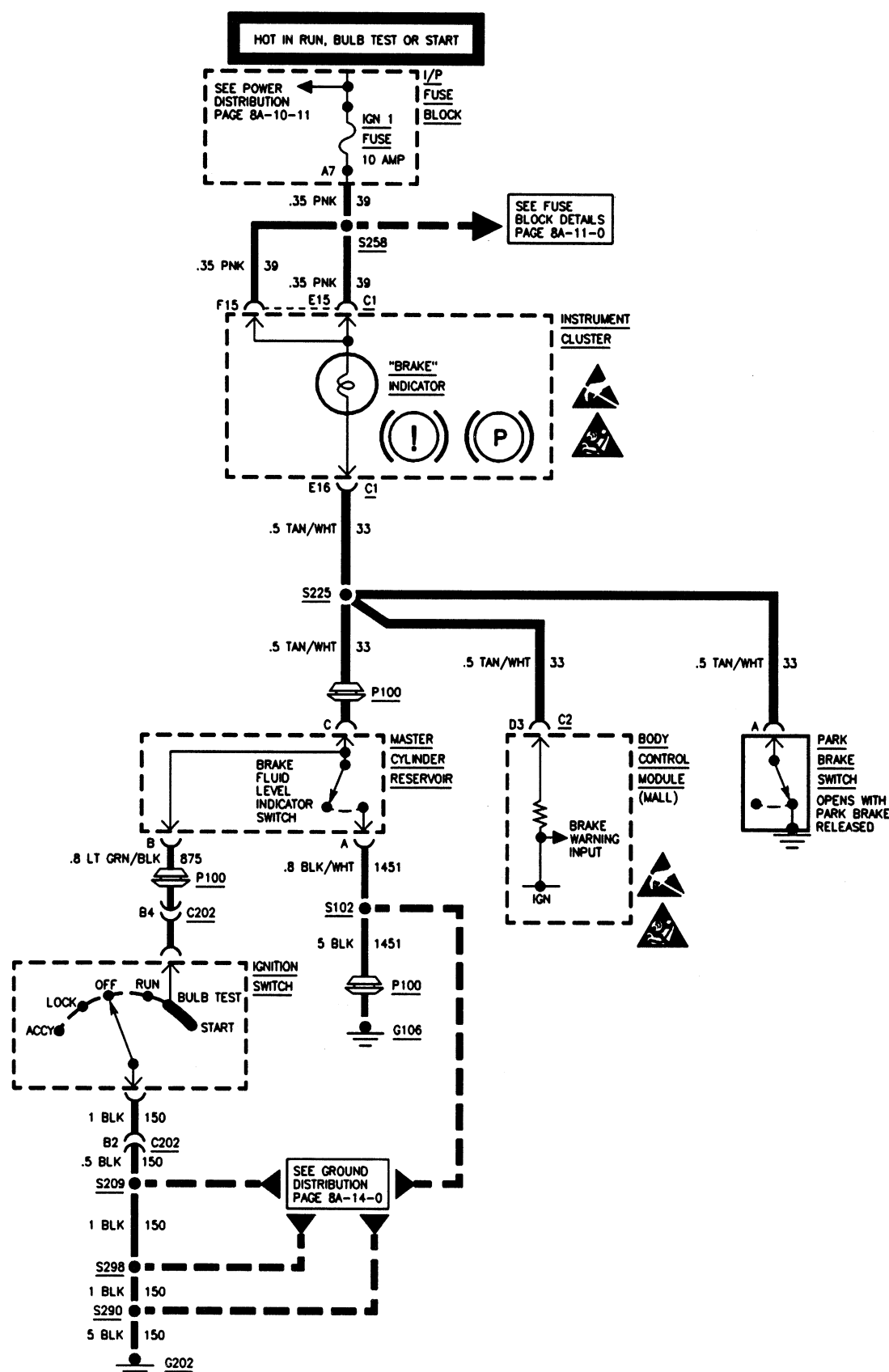
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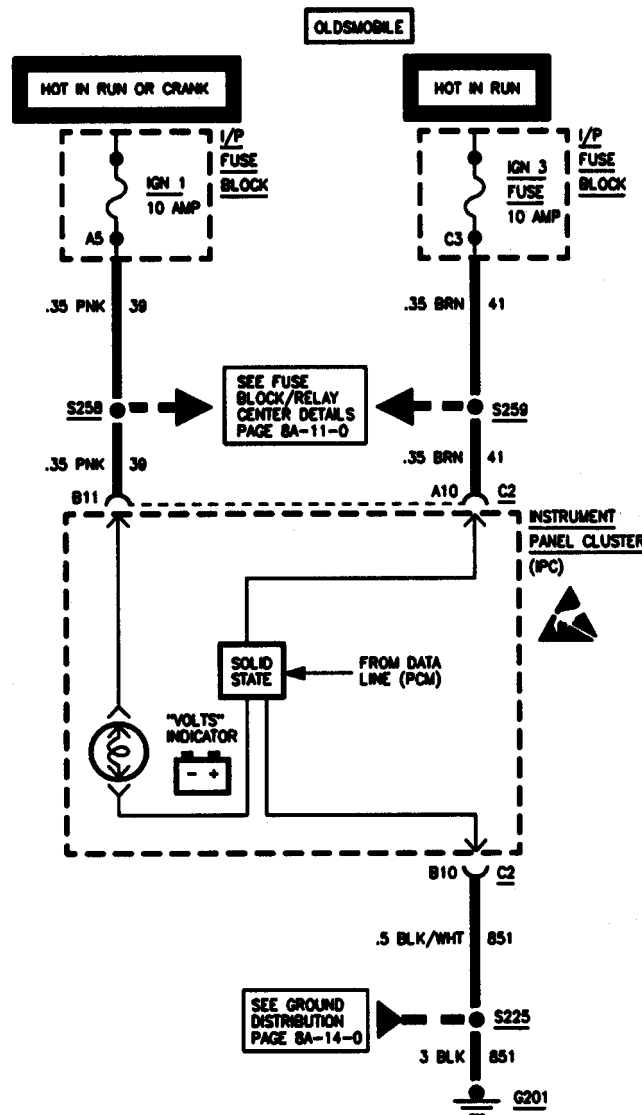
GM BRAKE WARNING



GM BRAKE WARNING



GM CHARGE WARNING



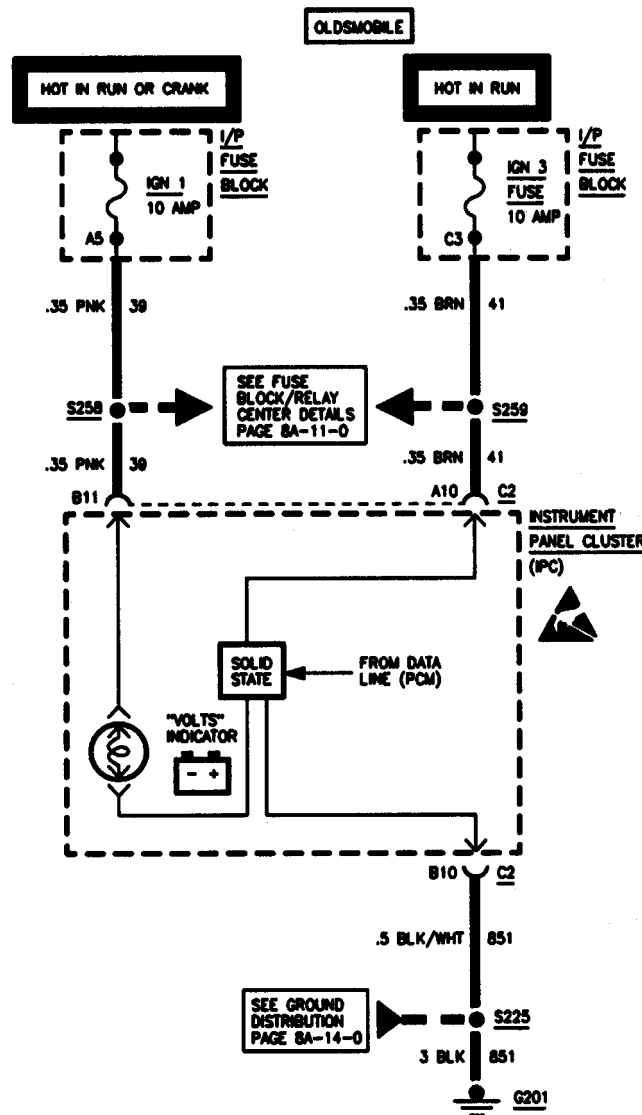
VOLTS INDICATOR

The PCM sends ignition voltage through circuit 225 to the L terminal of the generator. The voltage regulator acknowledges this voltage along with generator rotation. If the generator is not turning (engine off) with the ignition in the RUN position, it will ground the L terminal of the generator. The PCM senses this, and sends a signal over the data line to the instrument cluster. The instrument cluster, in turn lights the VOLTS indicator.

If the generator is turning (engine running), the PCM senses current being produced and commands the VOLTS indicator off.

Whenever the voltage regulator senses a fault condition, it grounds the L terminal of the generator. The PCM senses this and commands the VOLTS indicator on.

GM CHARGE WARNING



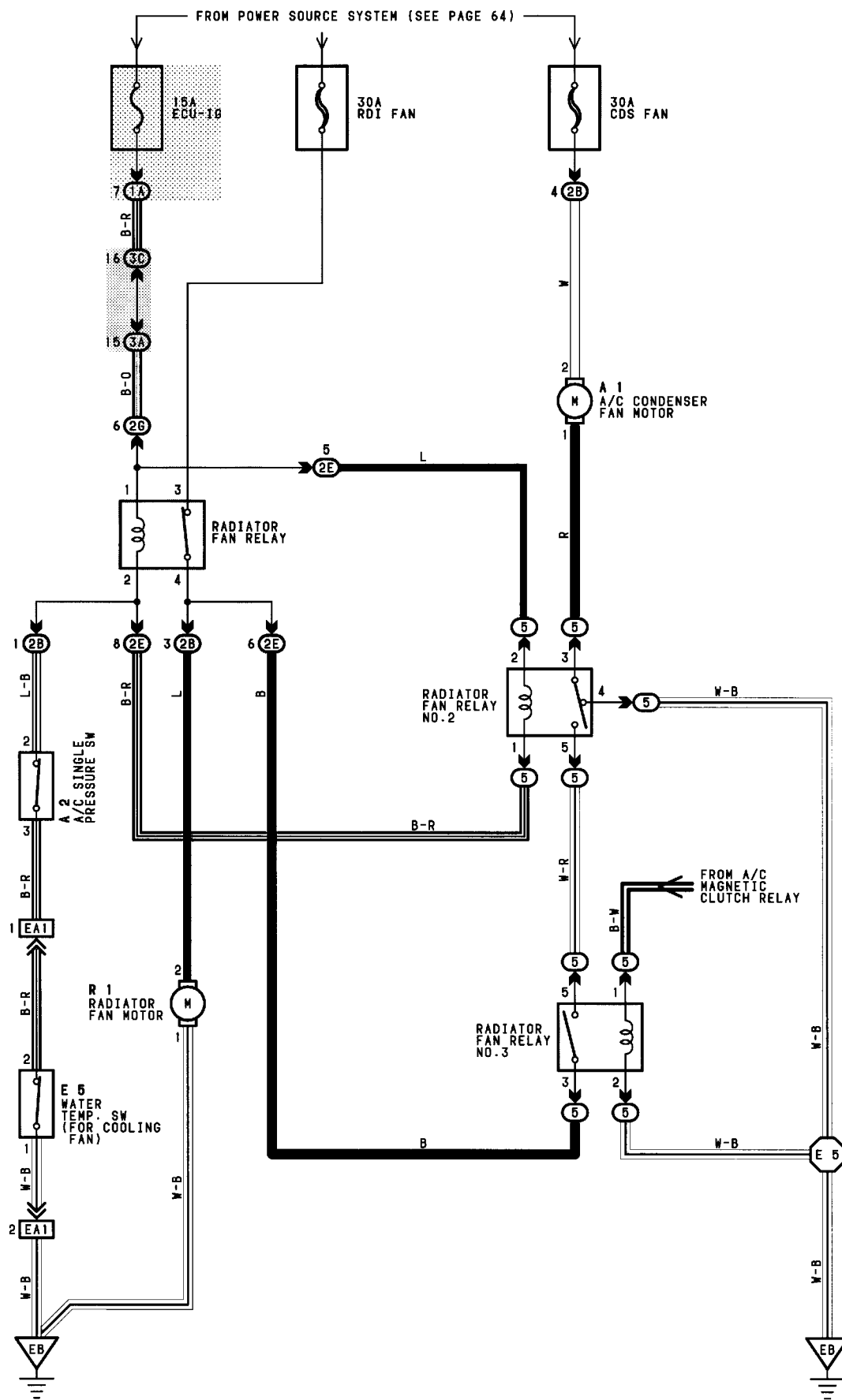
VOLTS INDICATOR

The PCM sends ignition voltage through circuit 225 to the L terminal of the generator. The voltage regulator acknowledges this voltage along with generator rotation. If the generator is not turning (engine off) with the ignition in the RUN position, it will ground the L terminal of the generator. The PCM senses this, and sends a signal over the data line to the instrument cluster. The instrument cluster, in turn lights the VOLTS indicator.

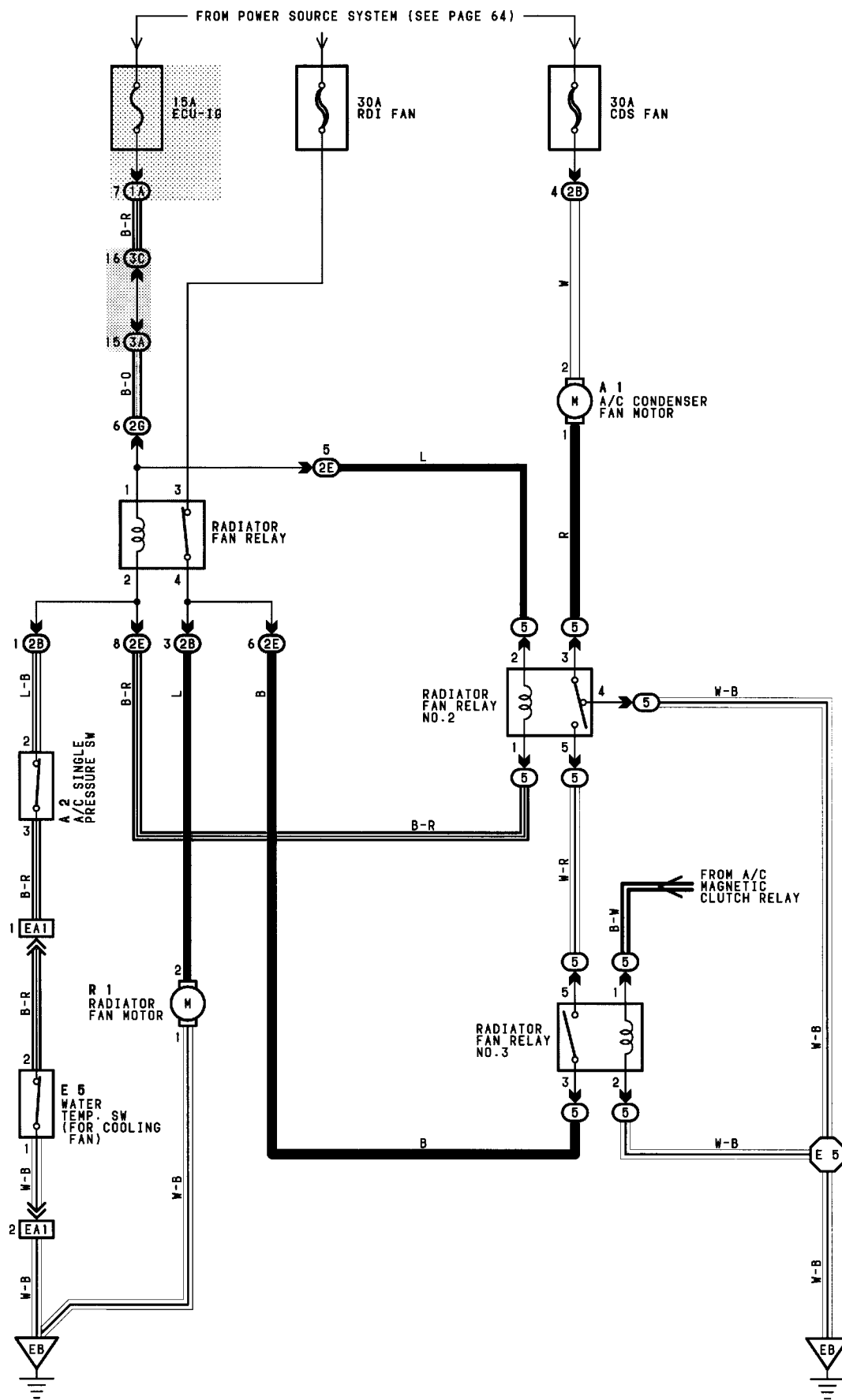
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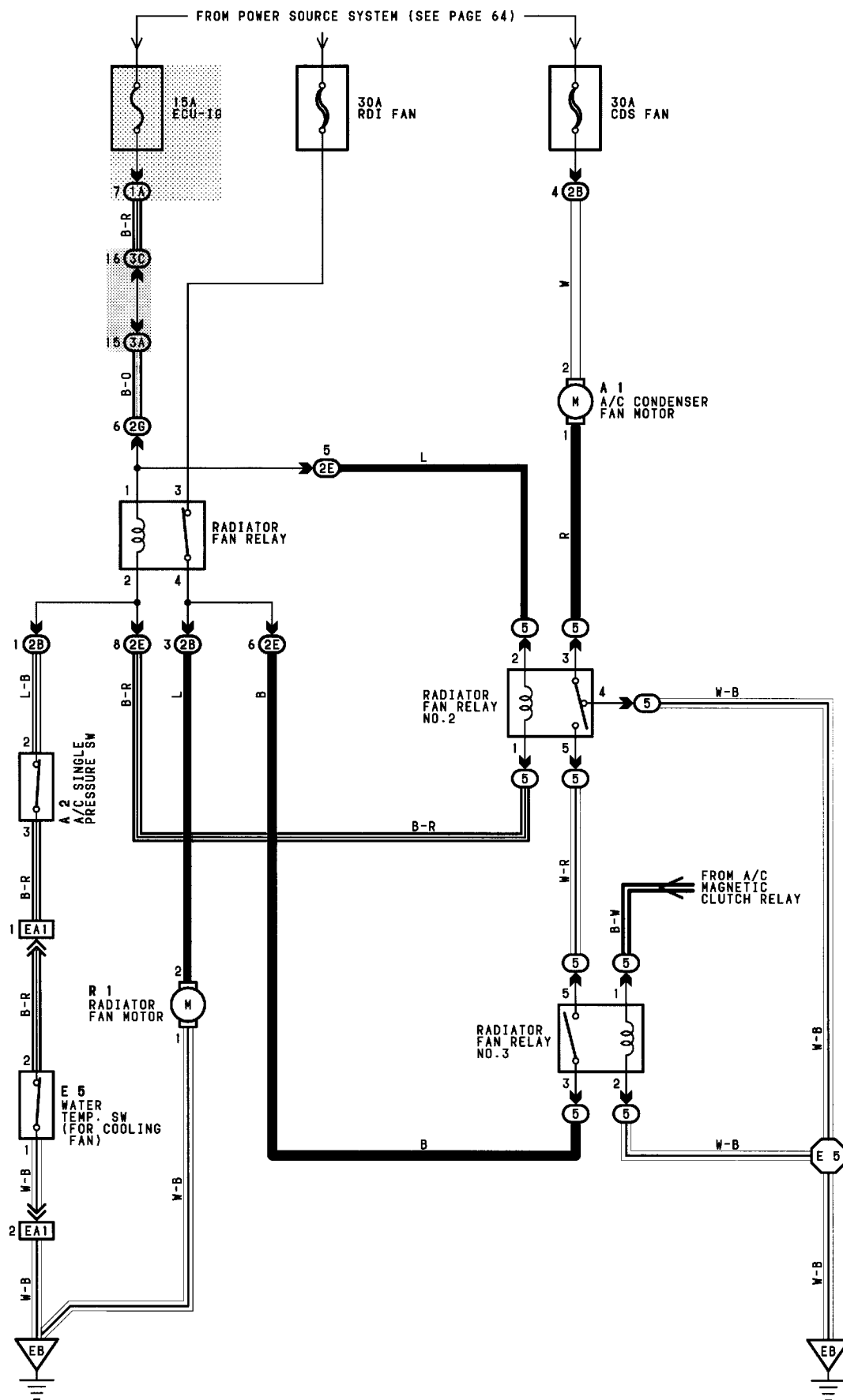
TOYOTA COOLING FANS



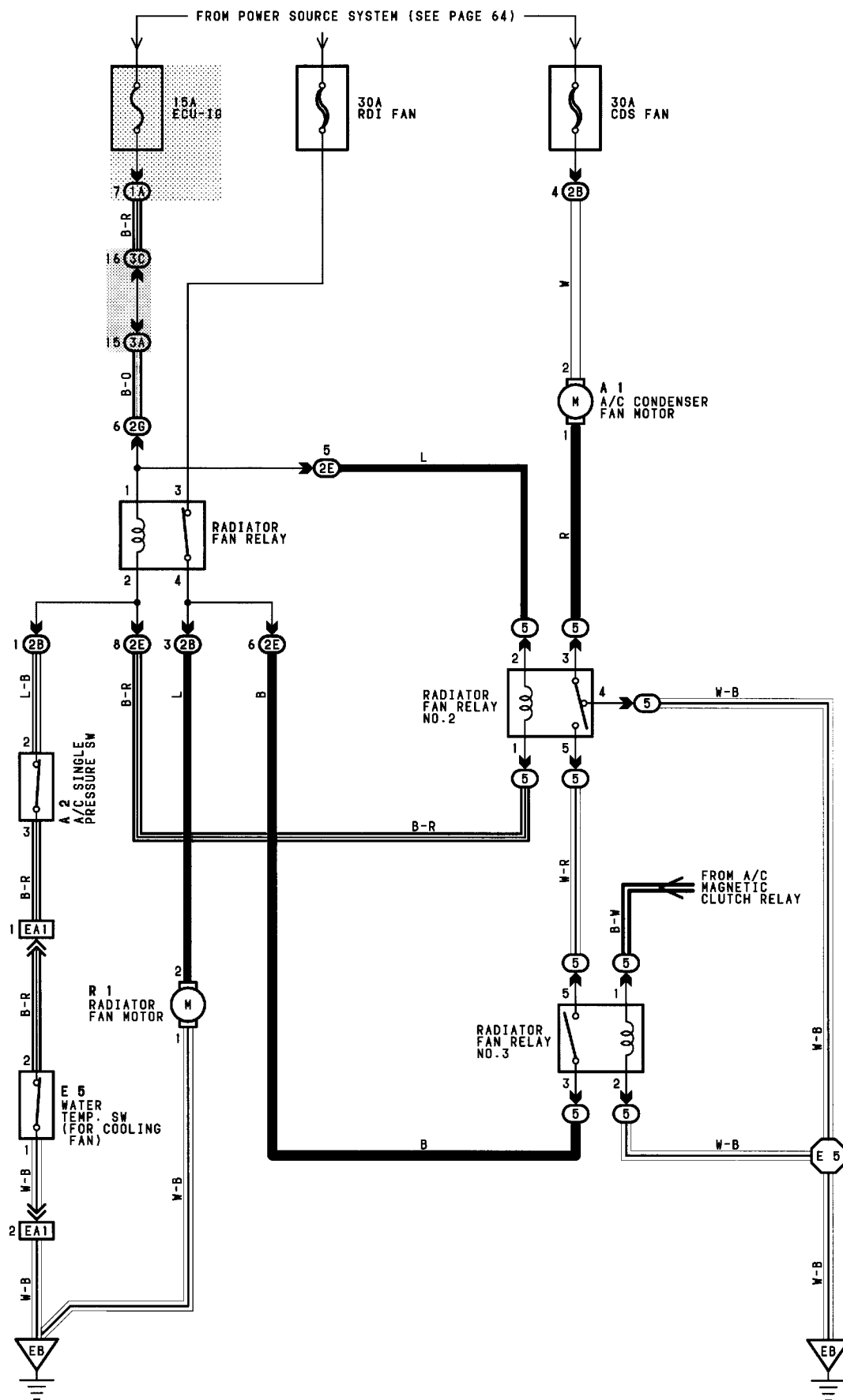
TOYOTA COOLING FANS



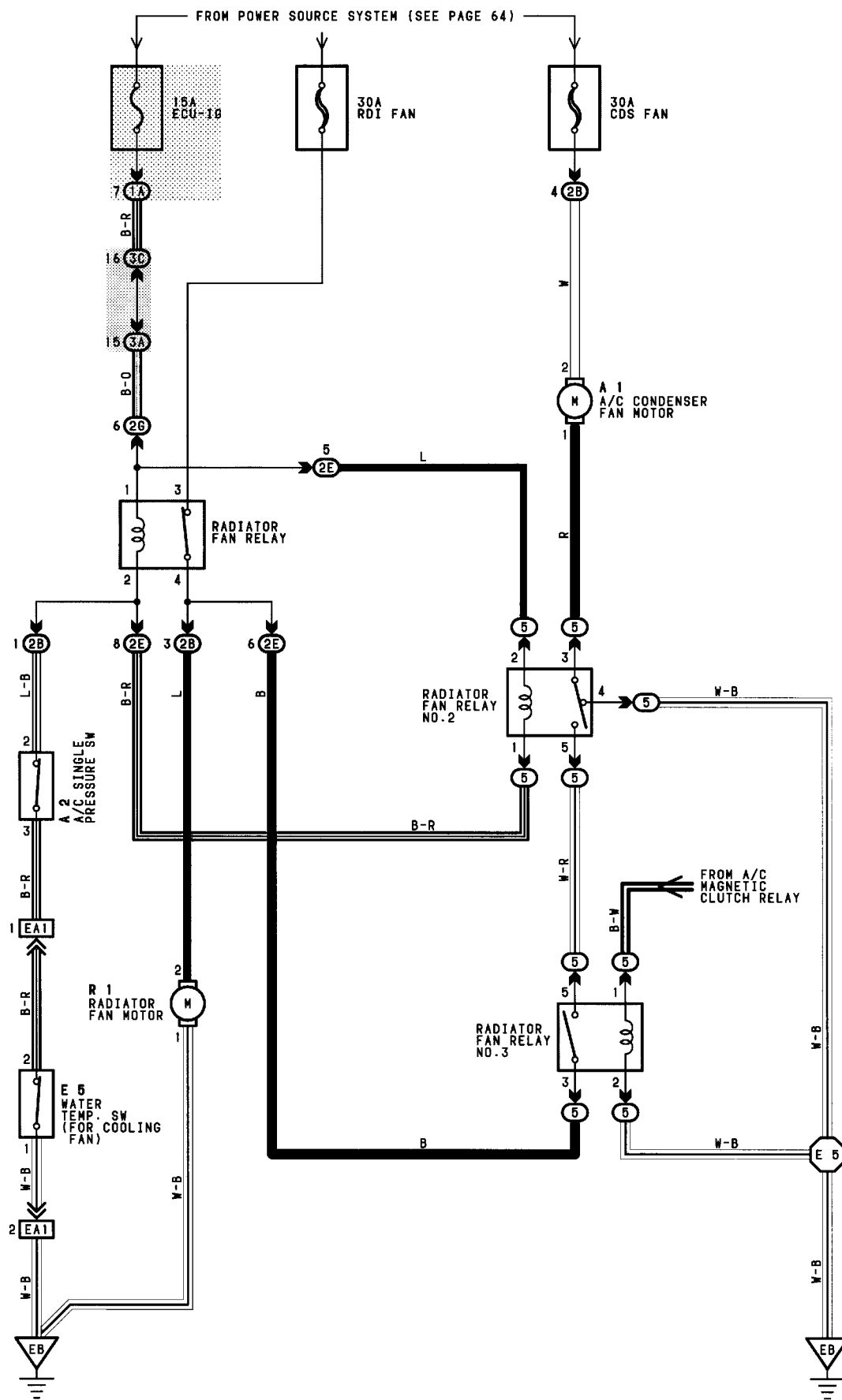
TOYOTA COOLING FANS



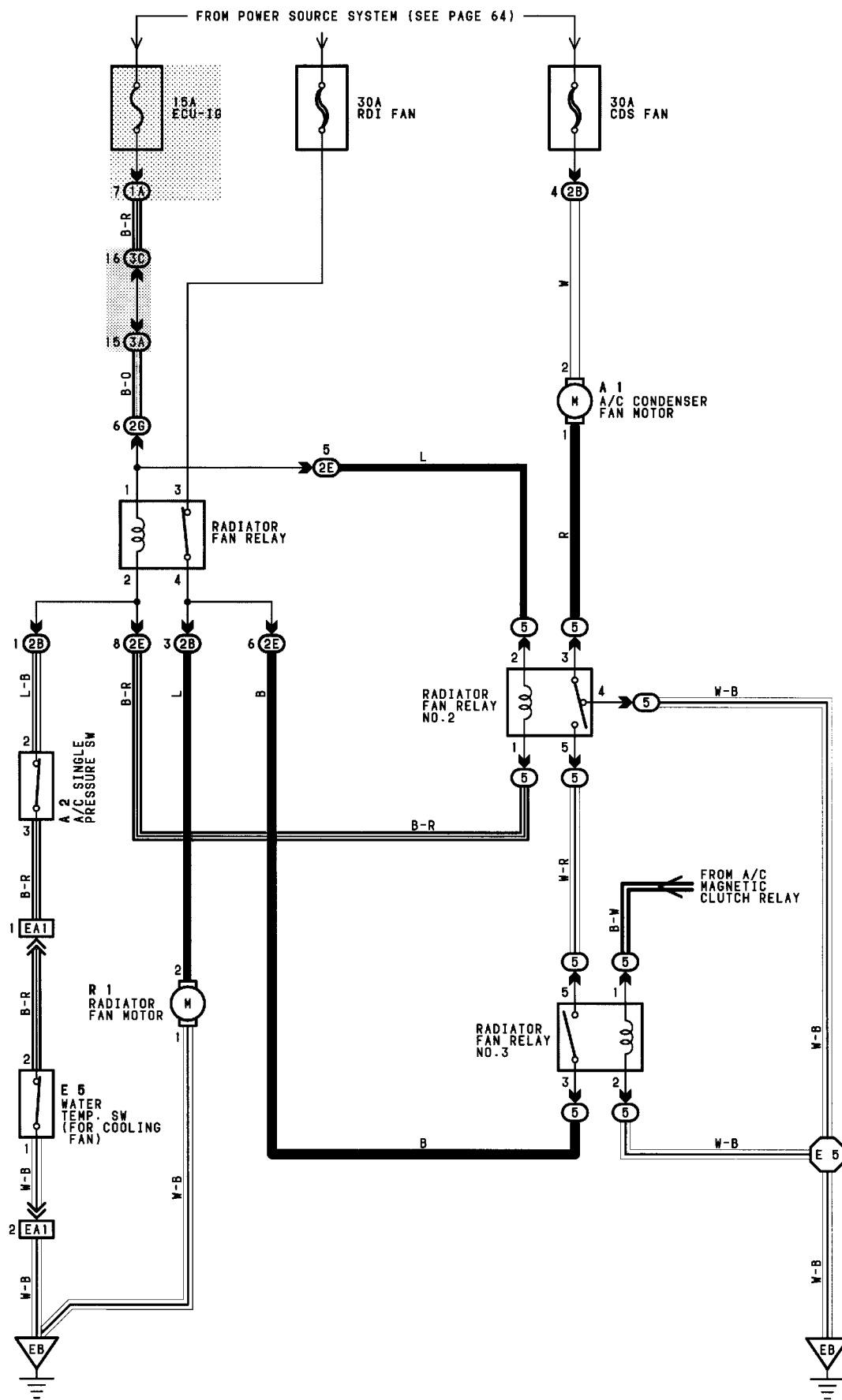
TOYOTA COOLING FANS

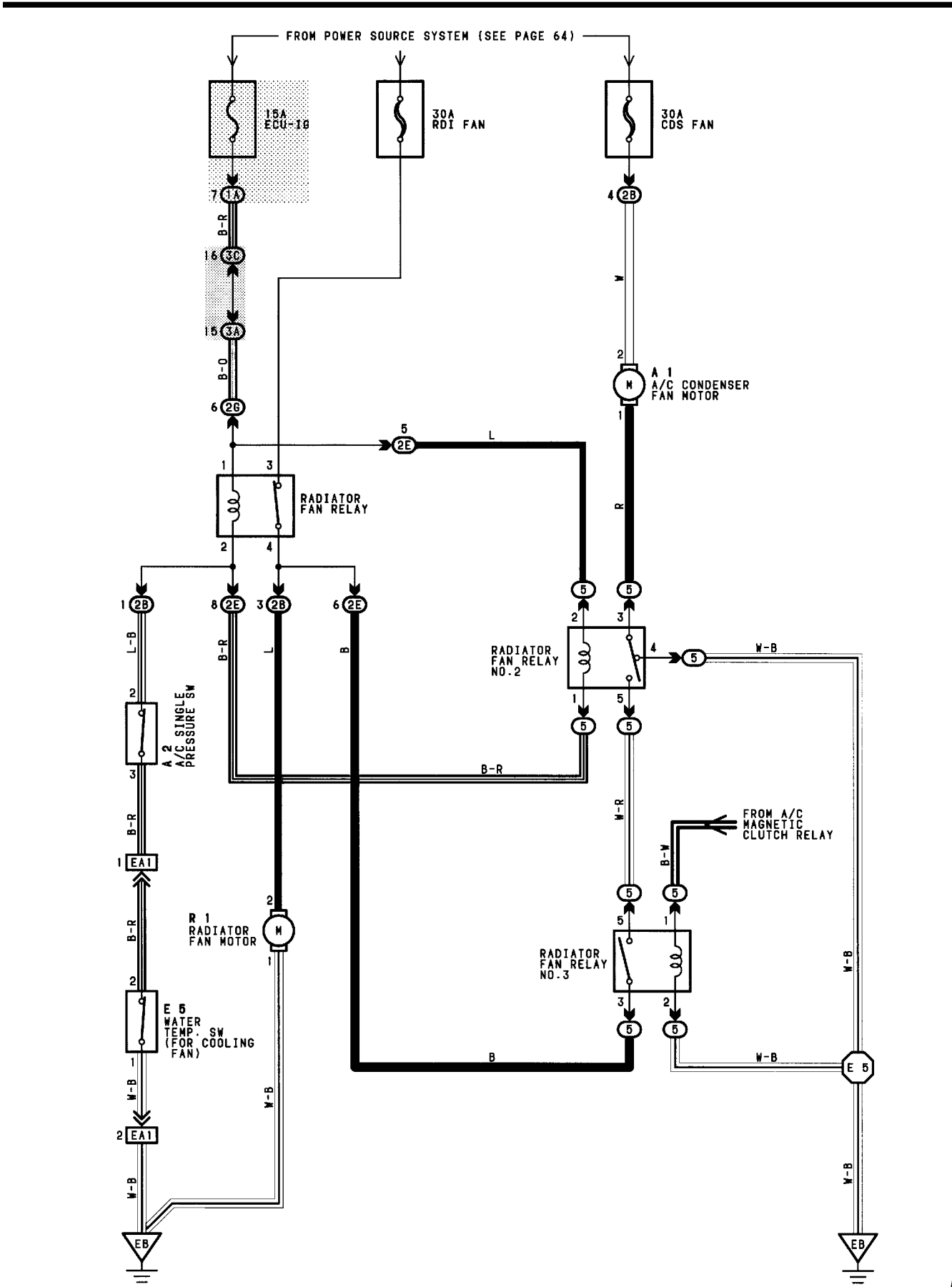


TOYOTA COOLING FANS

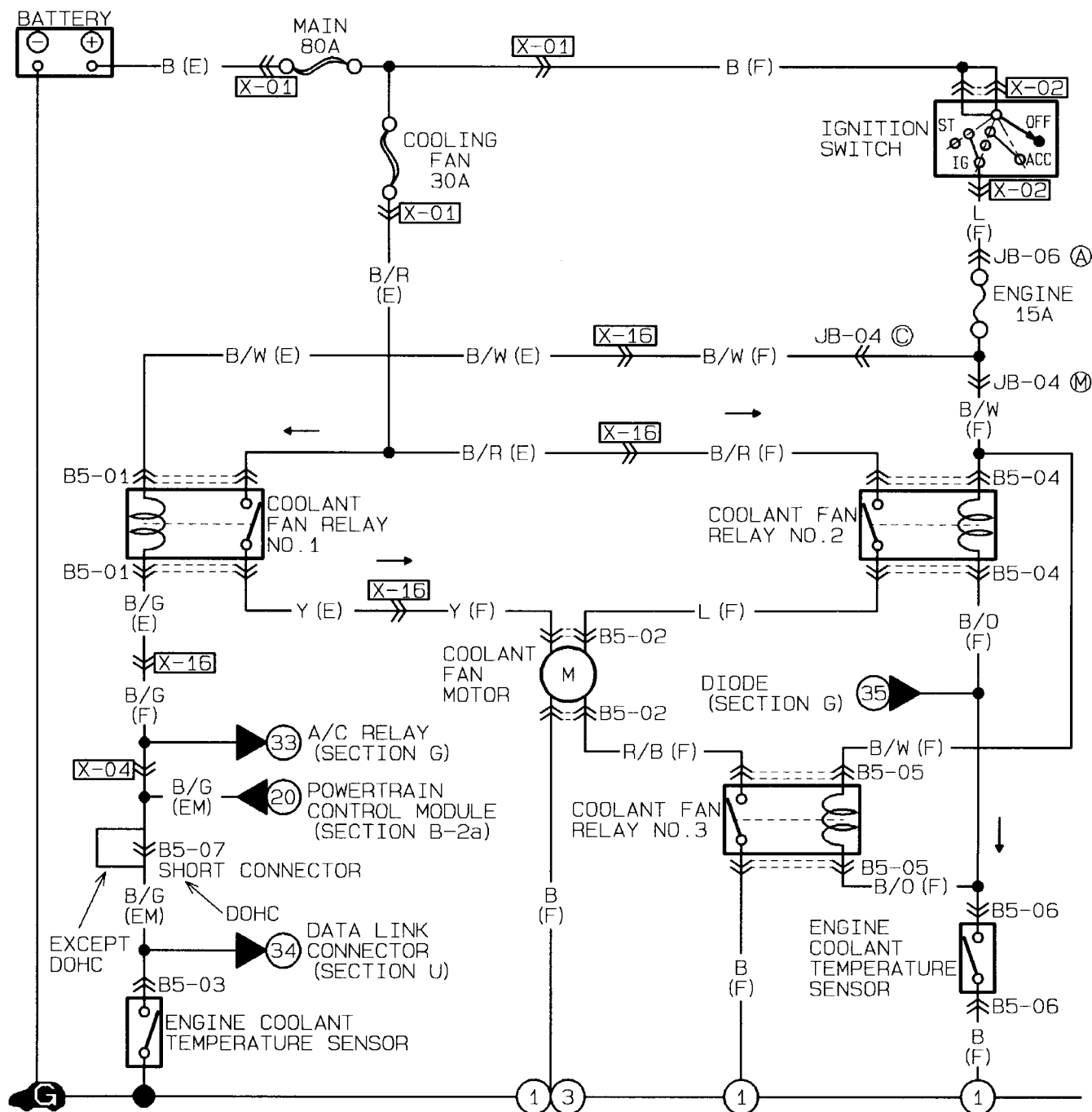


TOYOTA COOLING FANS

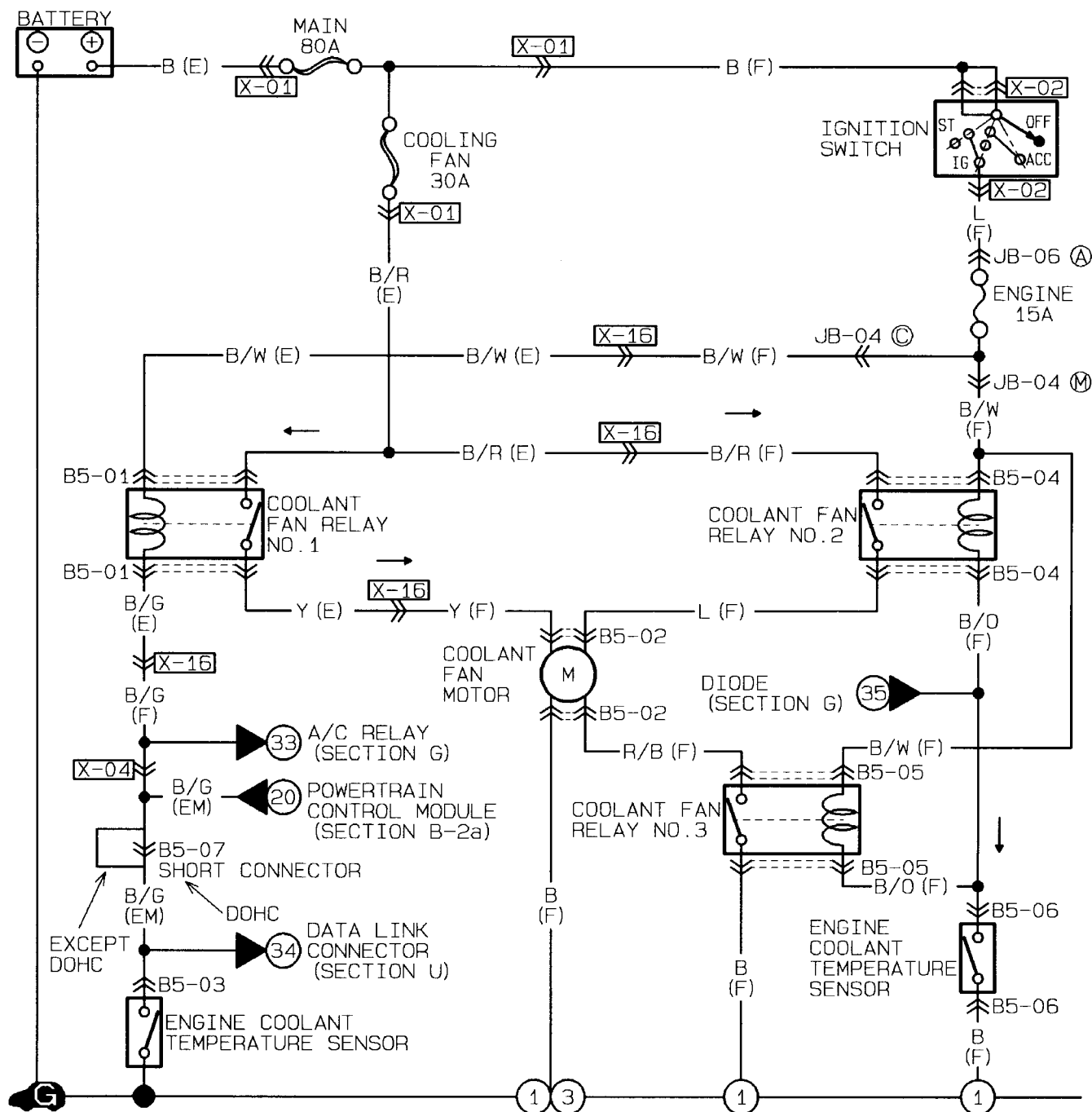




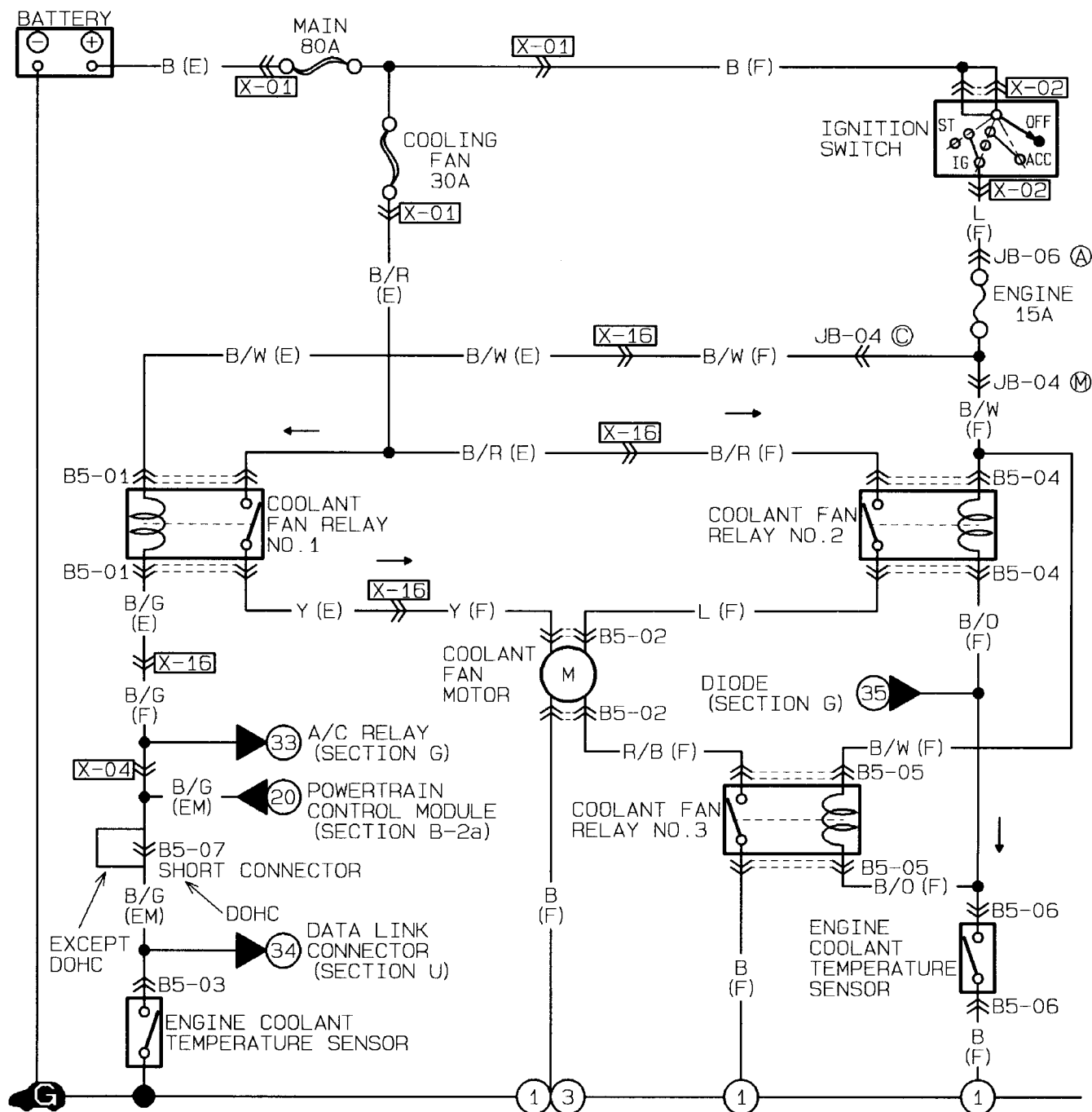
MAZDA COOLING FAN



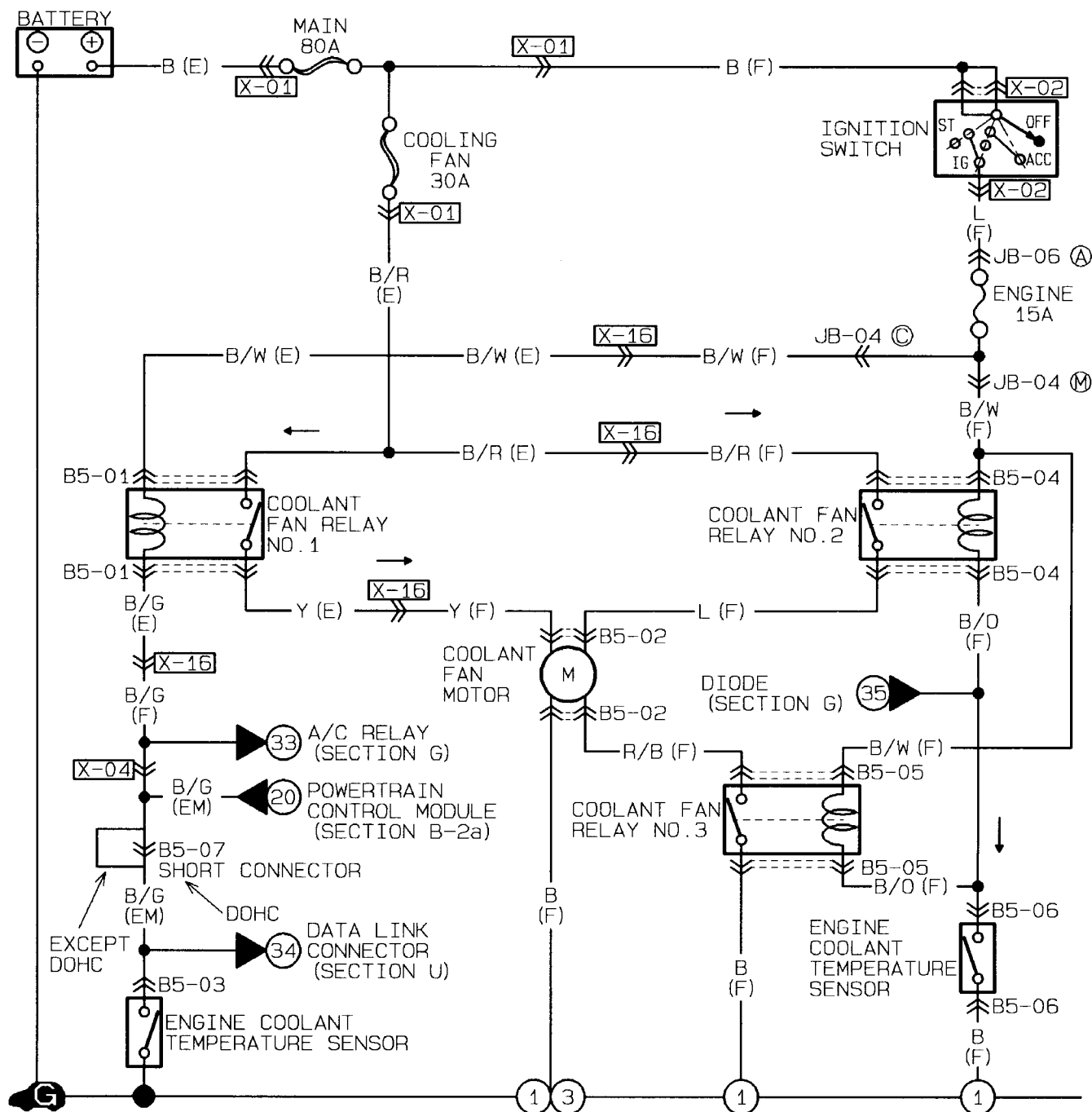
MAZDA COOLING FAN



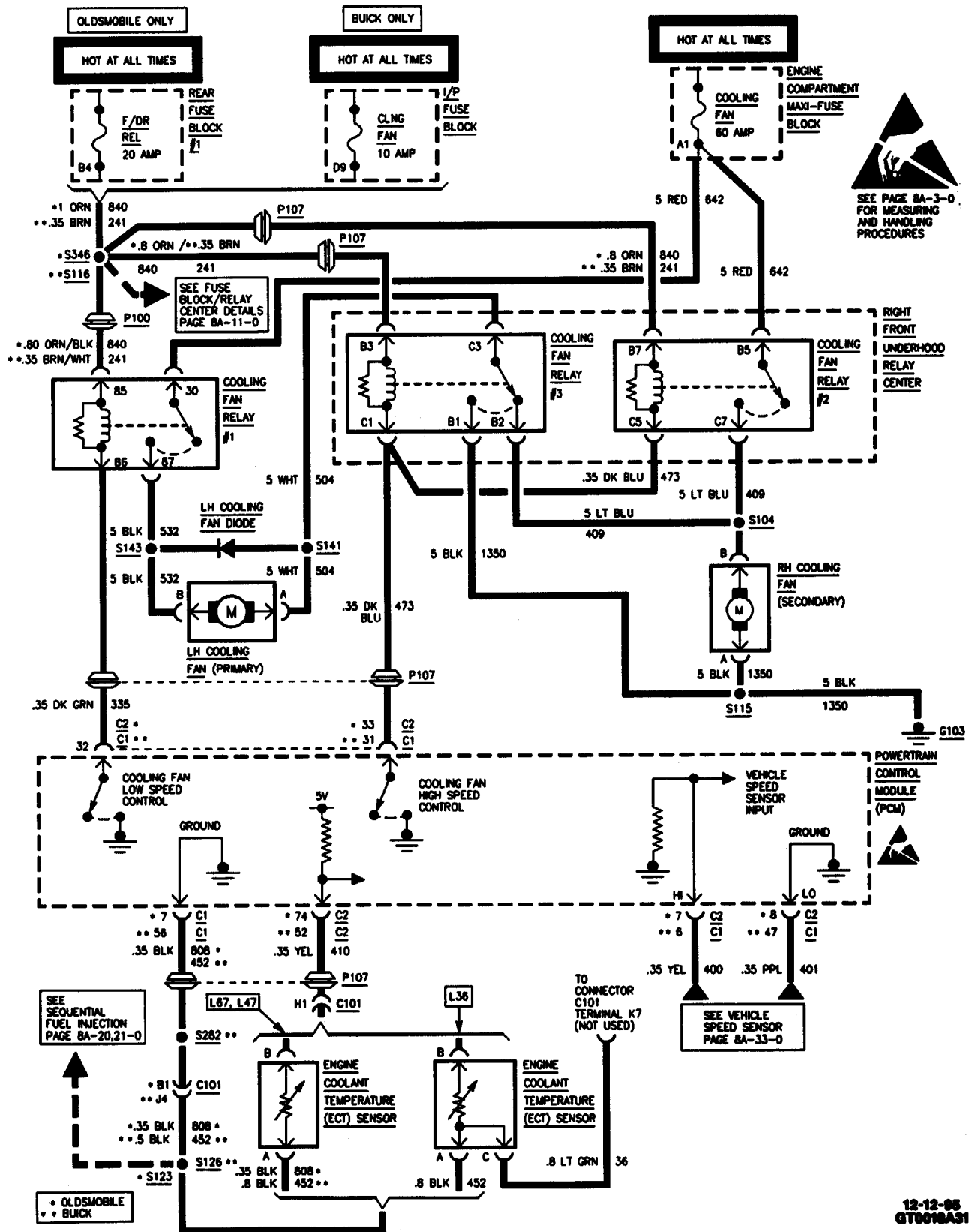
MAZDA COOLING FAN



MAZDA COOLING FAN

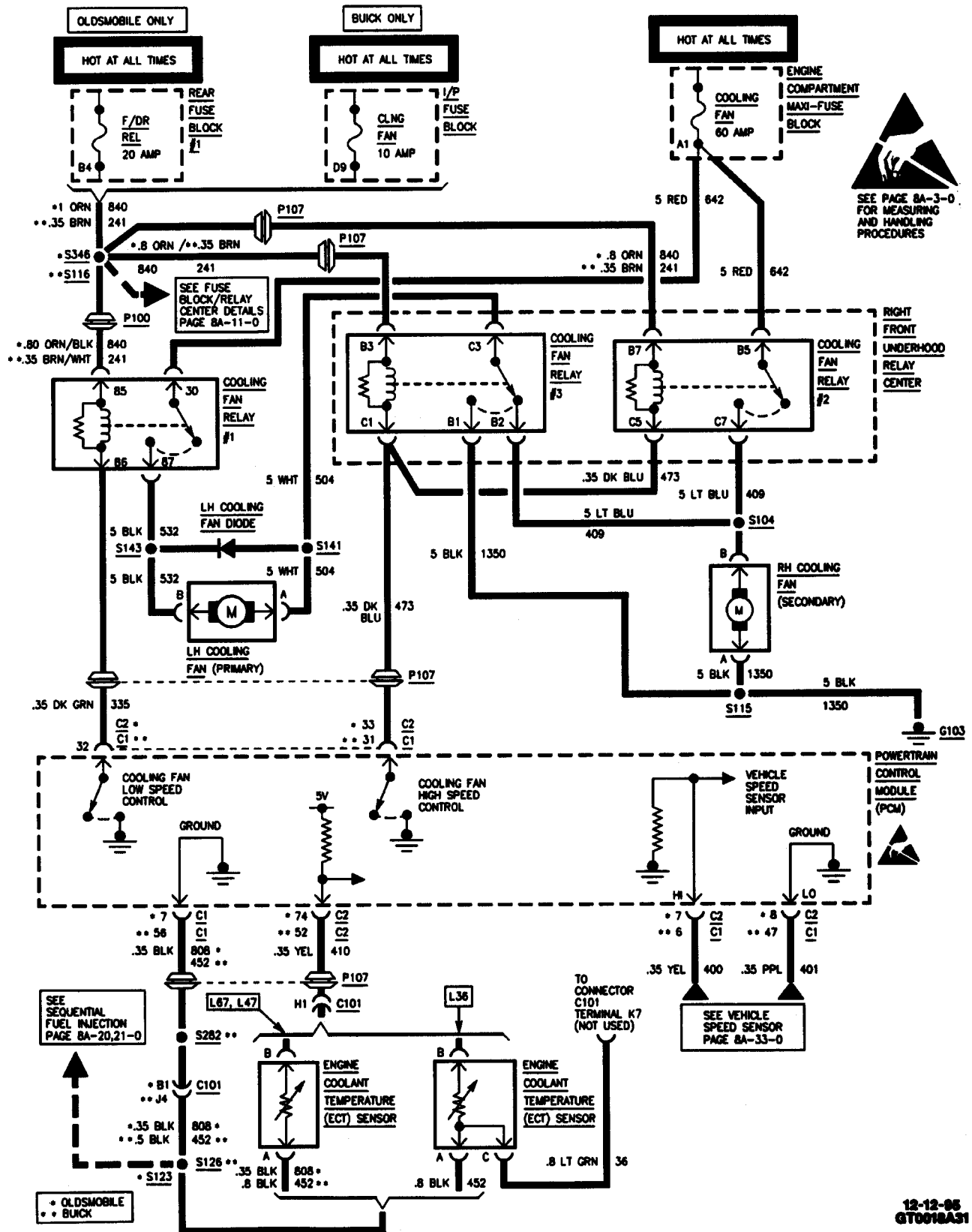


GM COOLING FAN



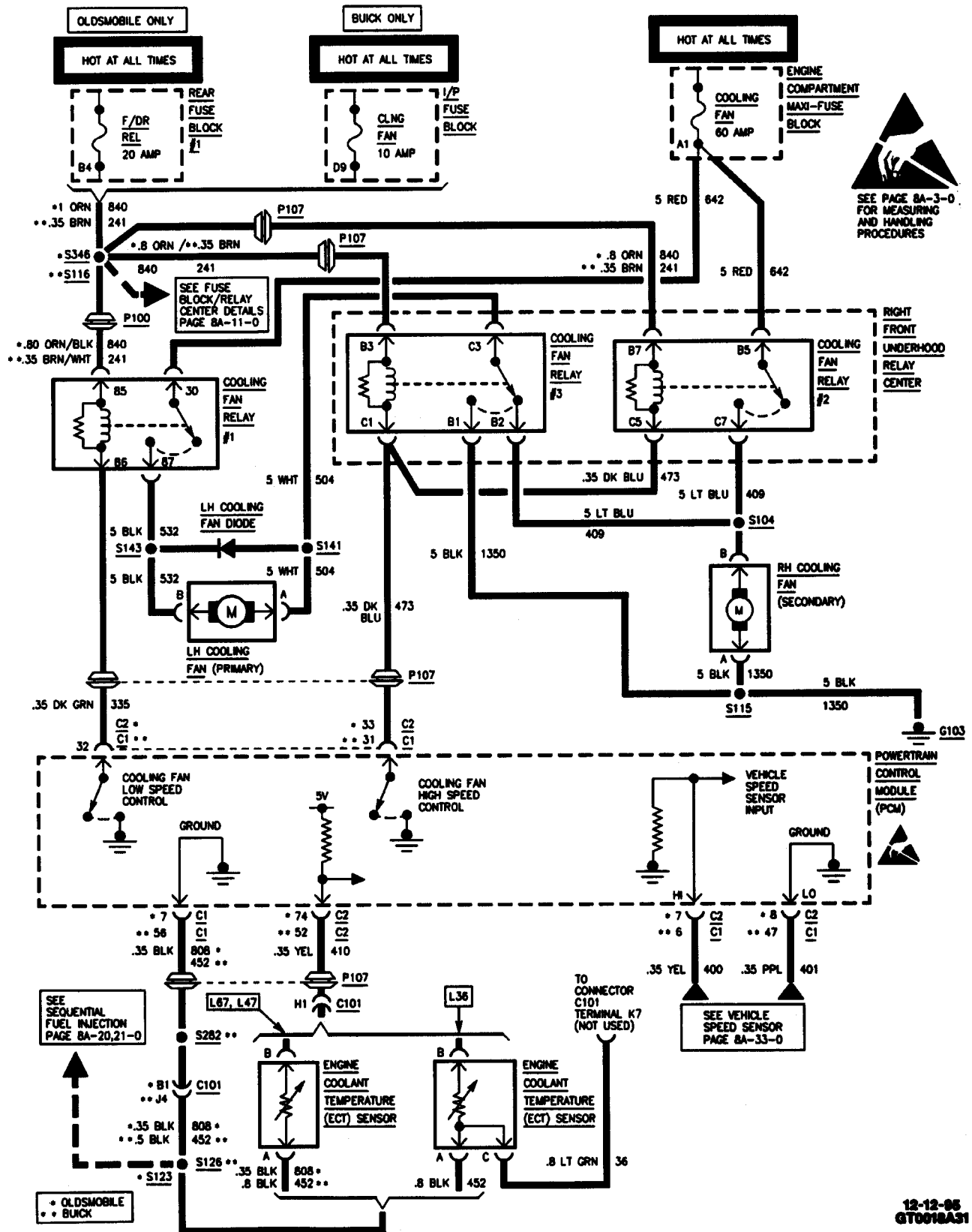
12-12-85
GT0018A31

GM COOLING FAN



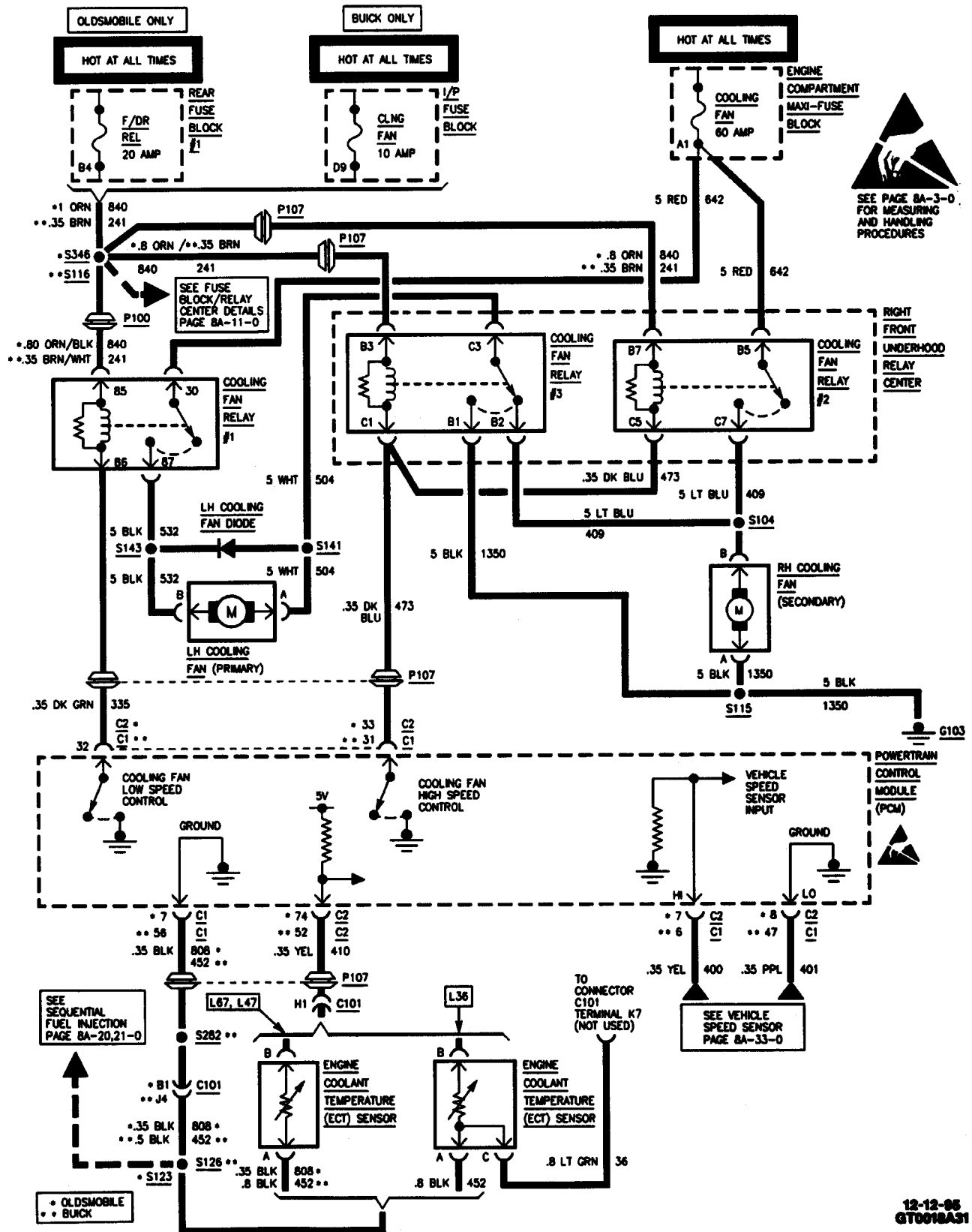
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GM COOLING FAN



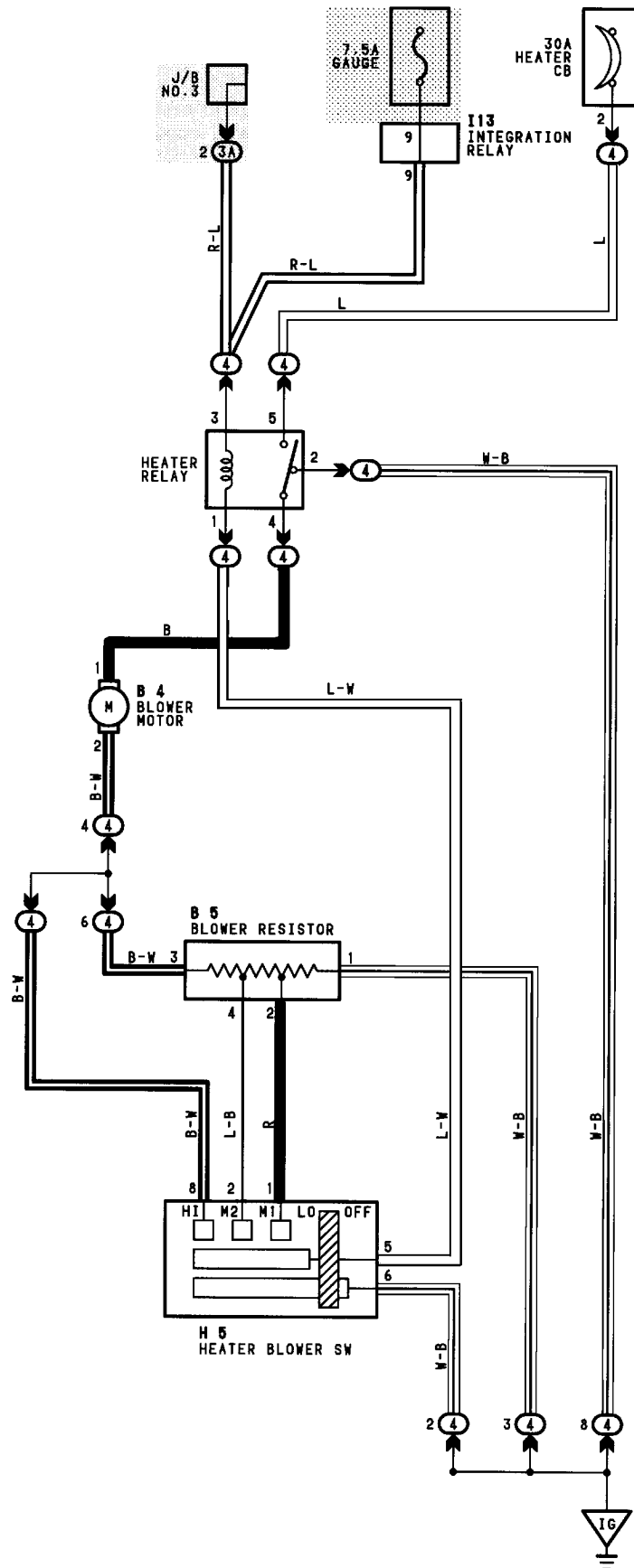
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GM COOLING FAN

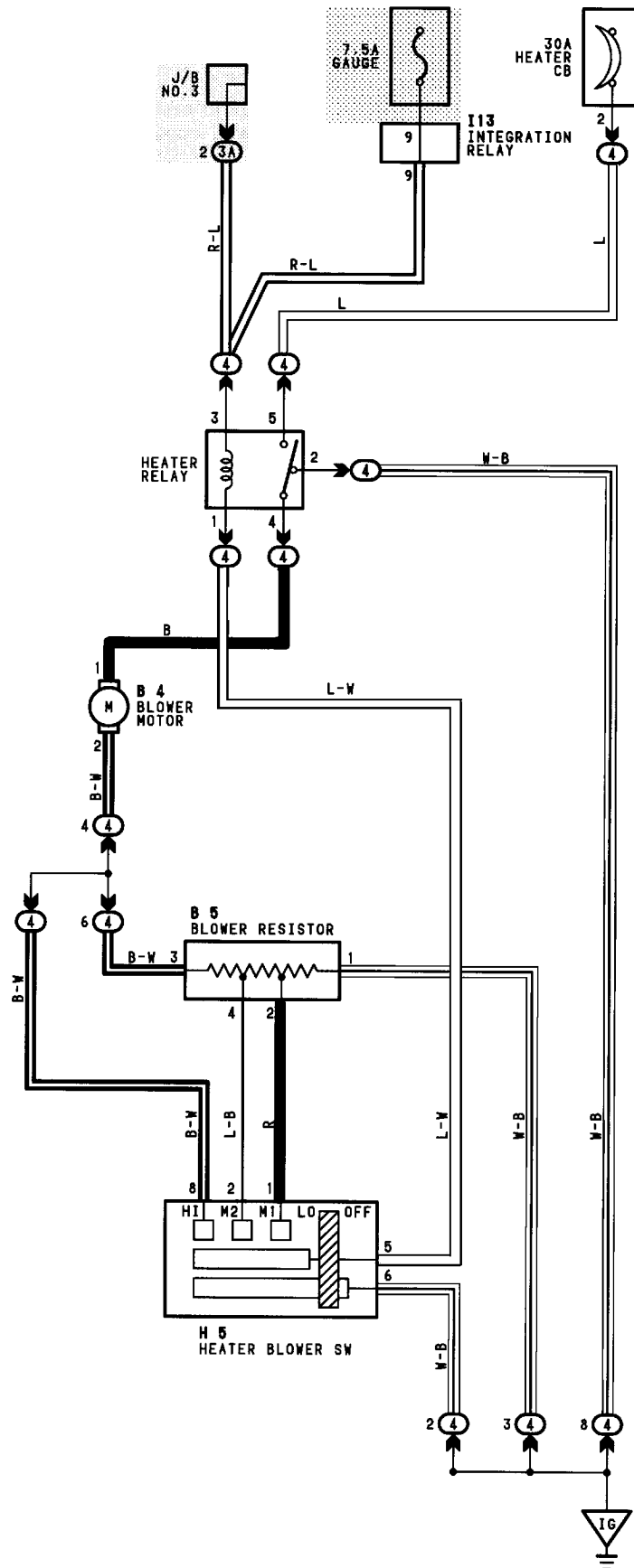


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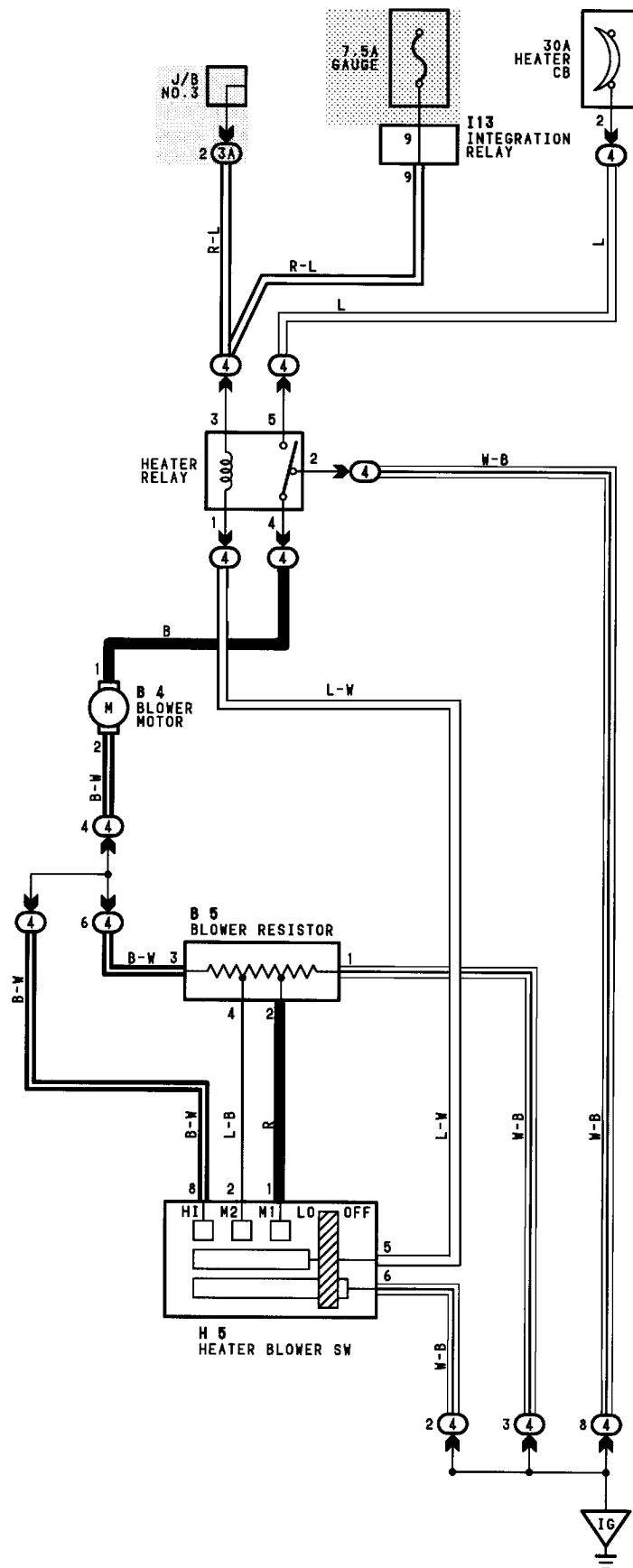
TOYOTA BLOWER - LEVER TYPE



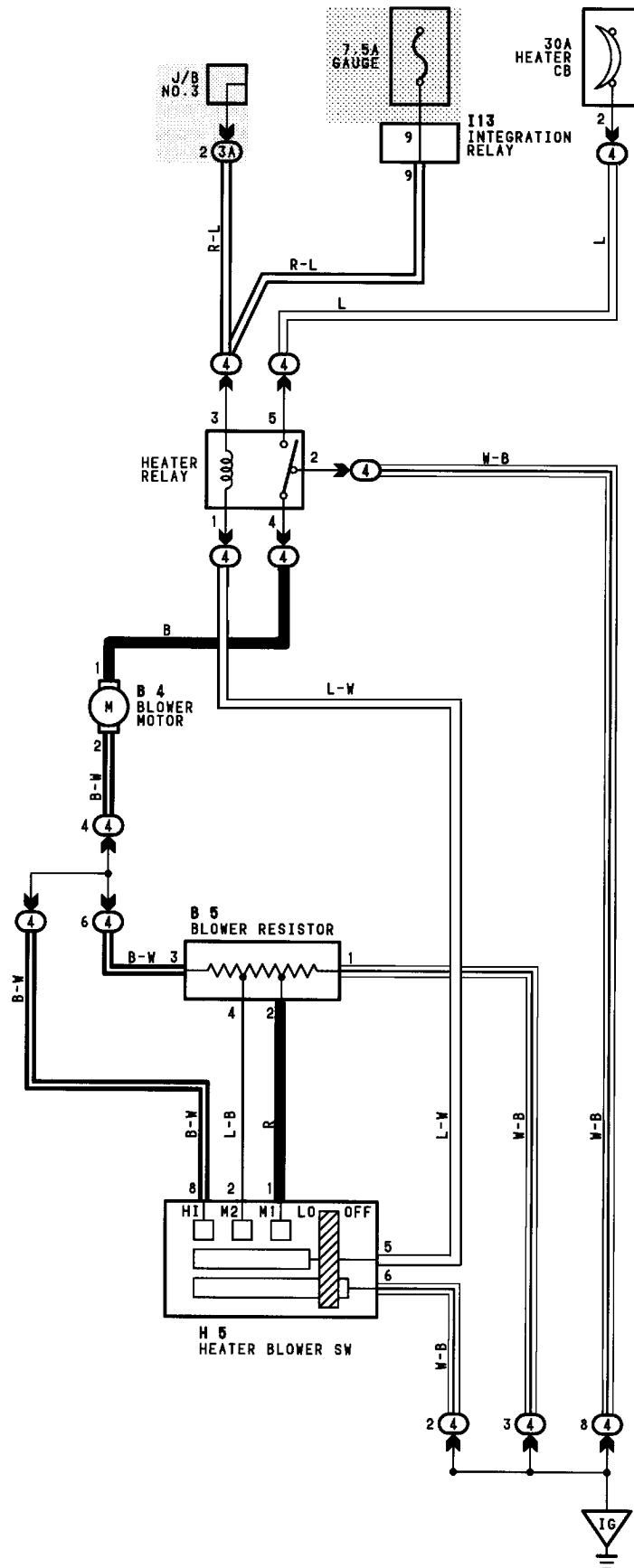
TOYOTA BLOWER - LEVER TYPE



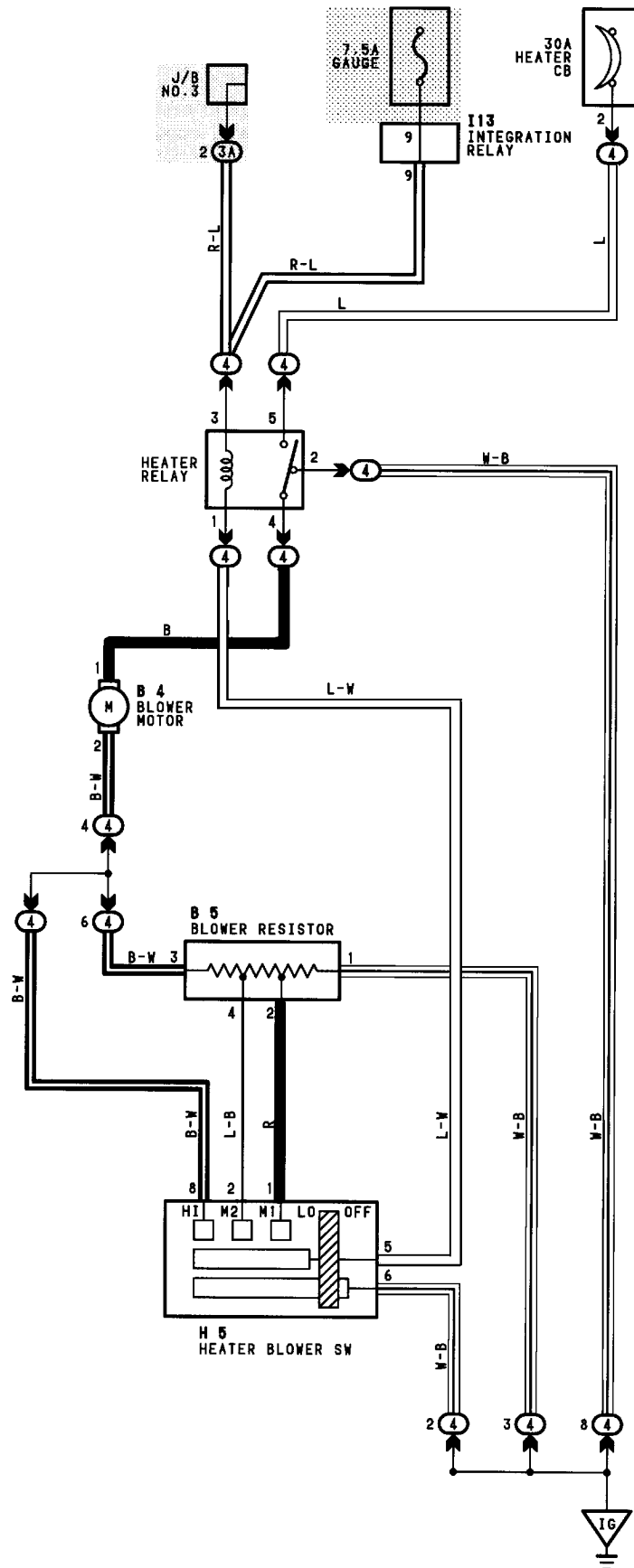
TOYOTA BLOWER - LEVER TYPE



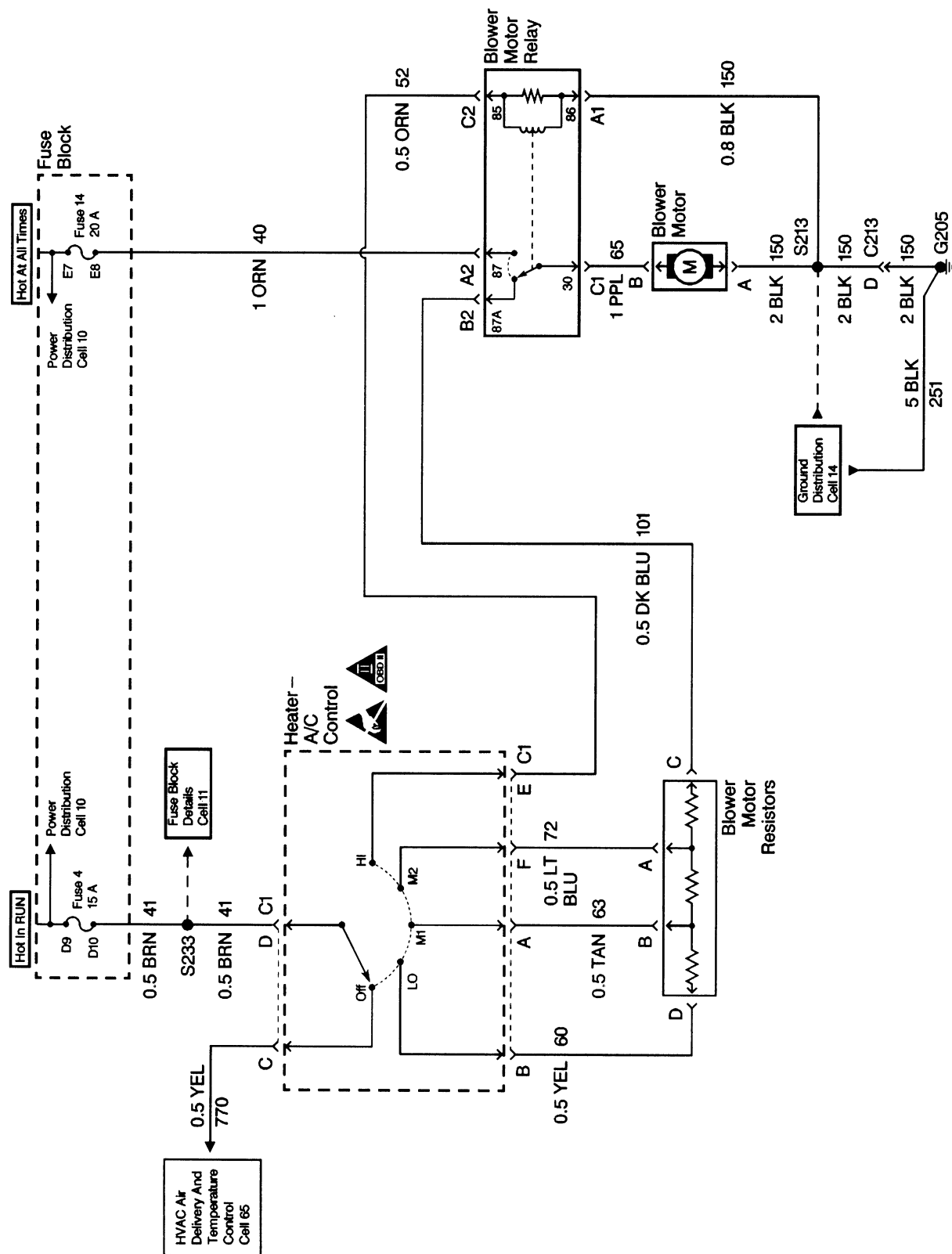
TOYOTA BLOWER - LEVER TYPE



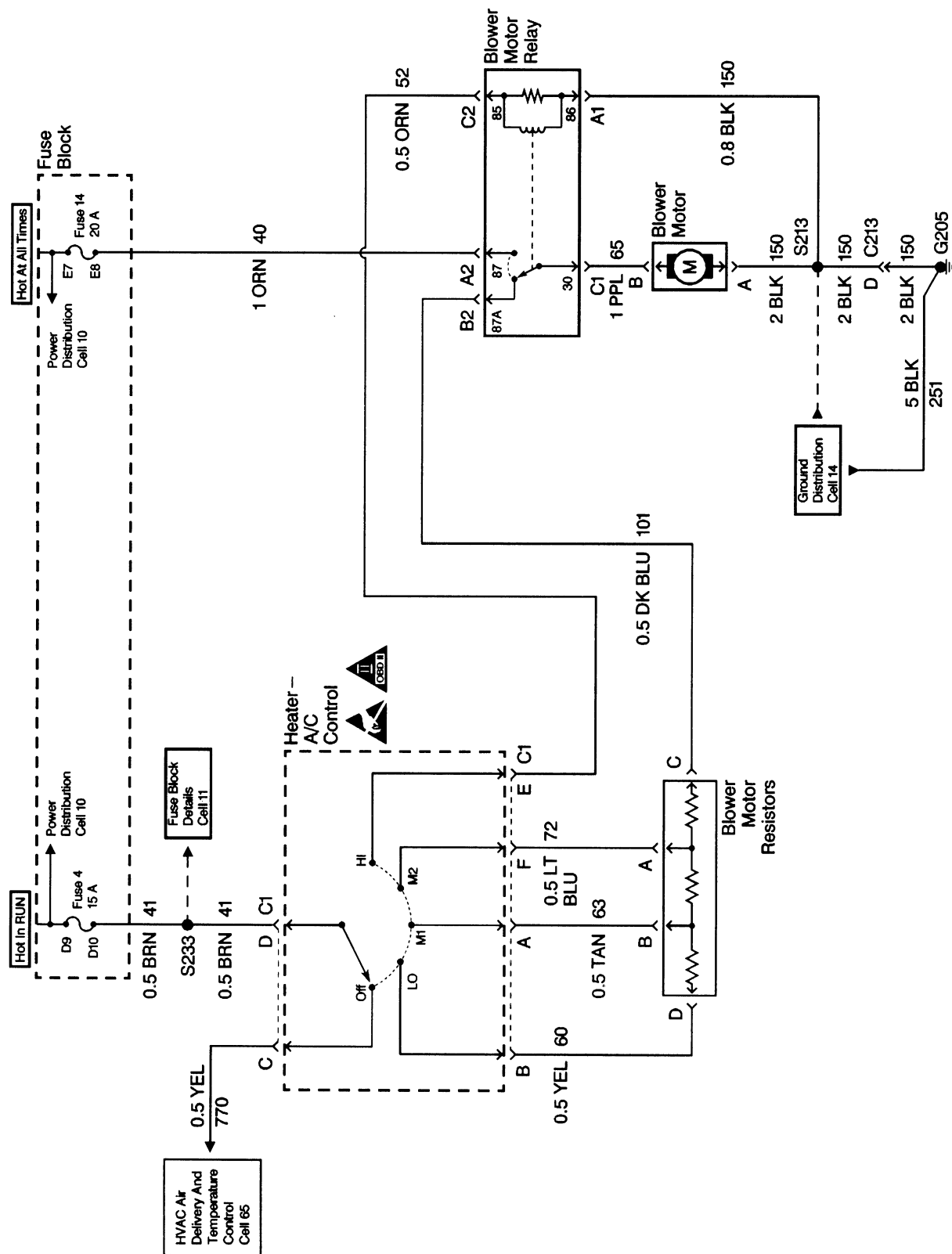
TOYOTA BLOWER - LEVER TYPE



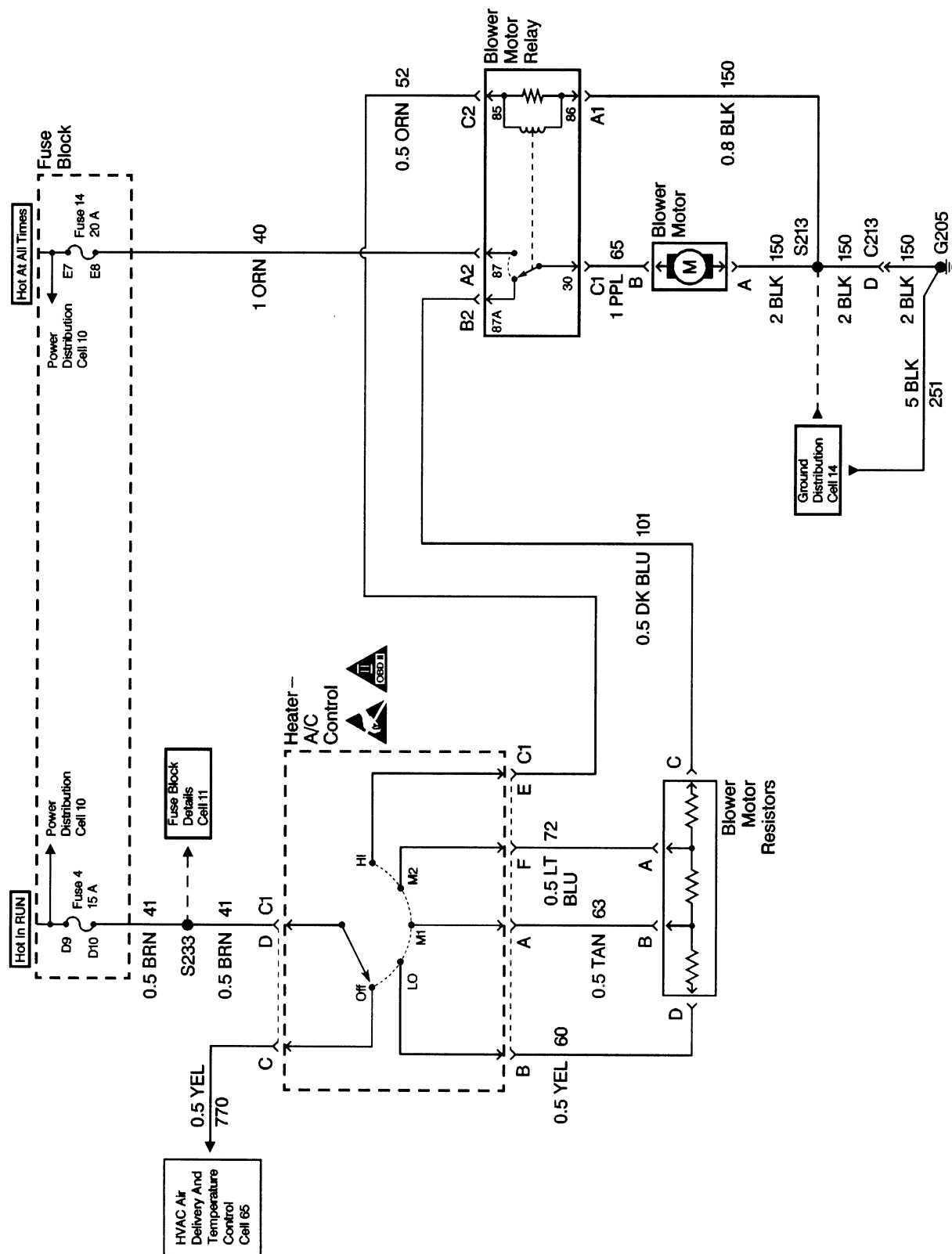
GM BLOWER



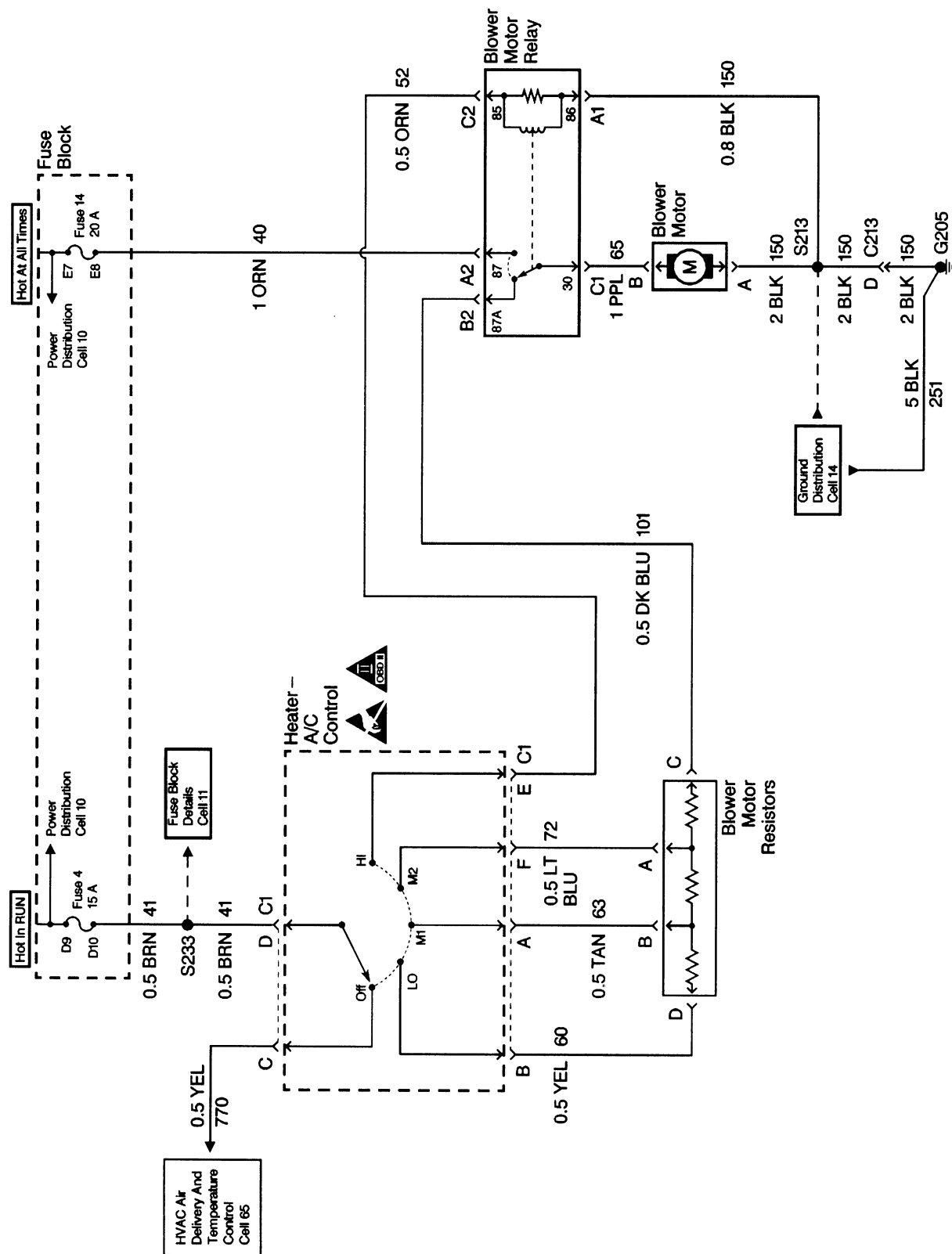
GM BLOWER



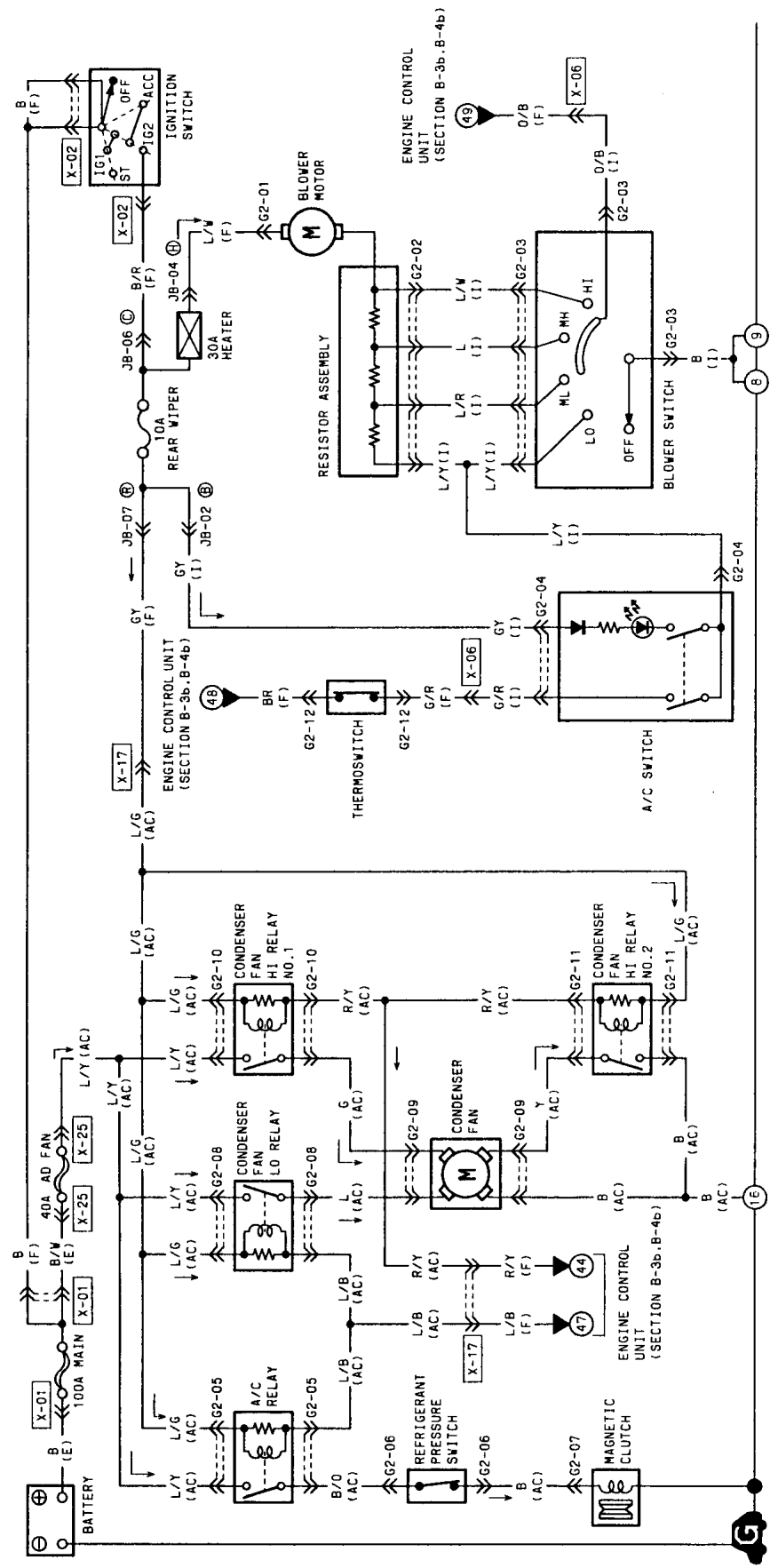
GM BLOWER



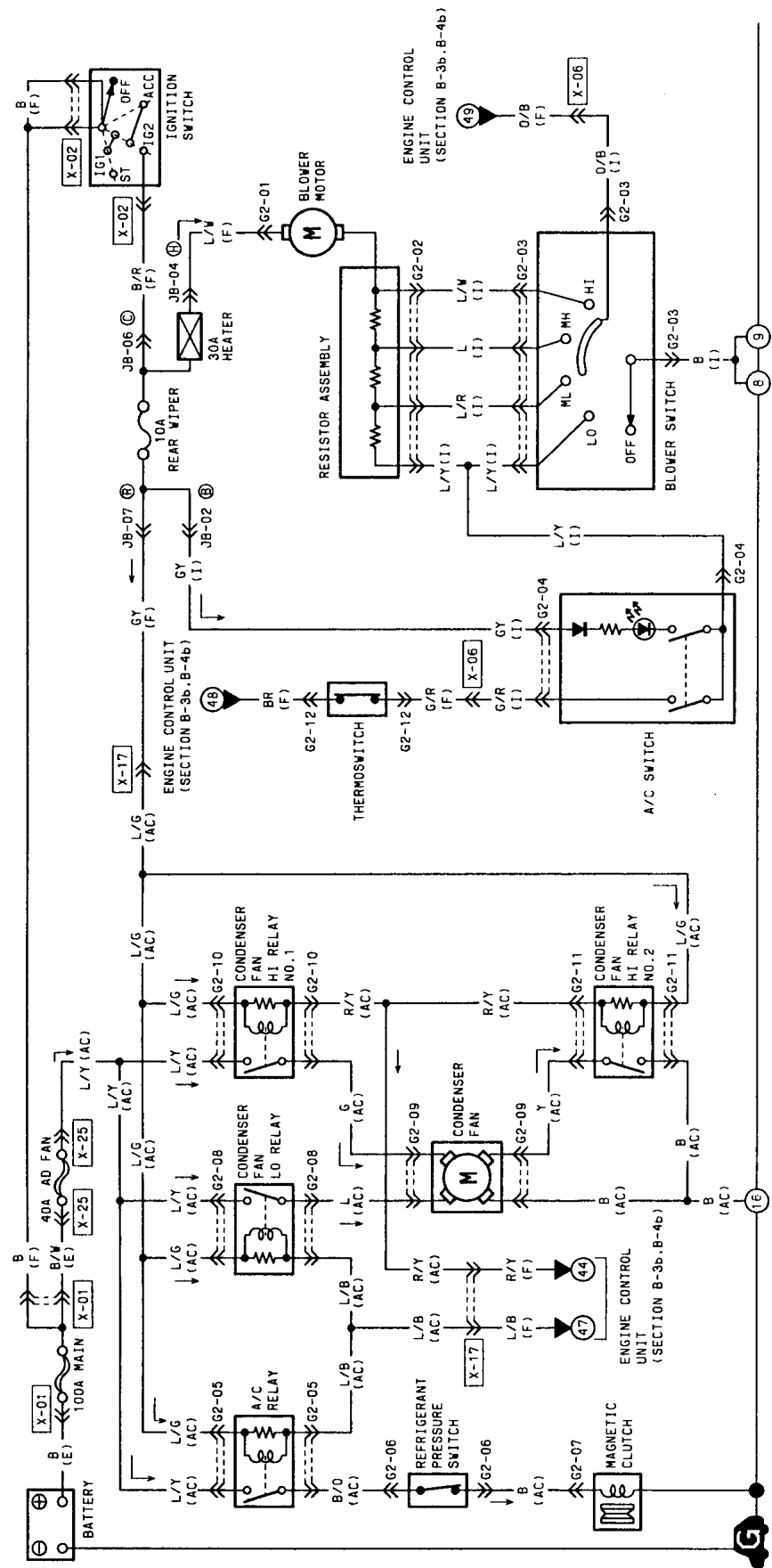
GM BLOWER



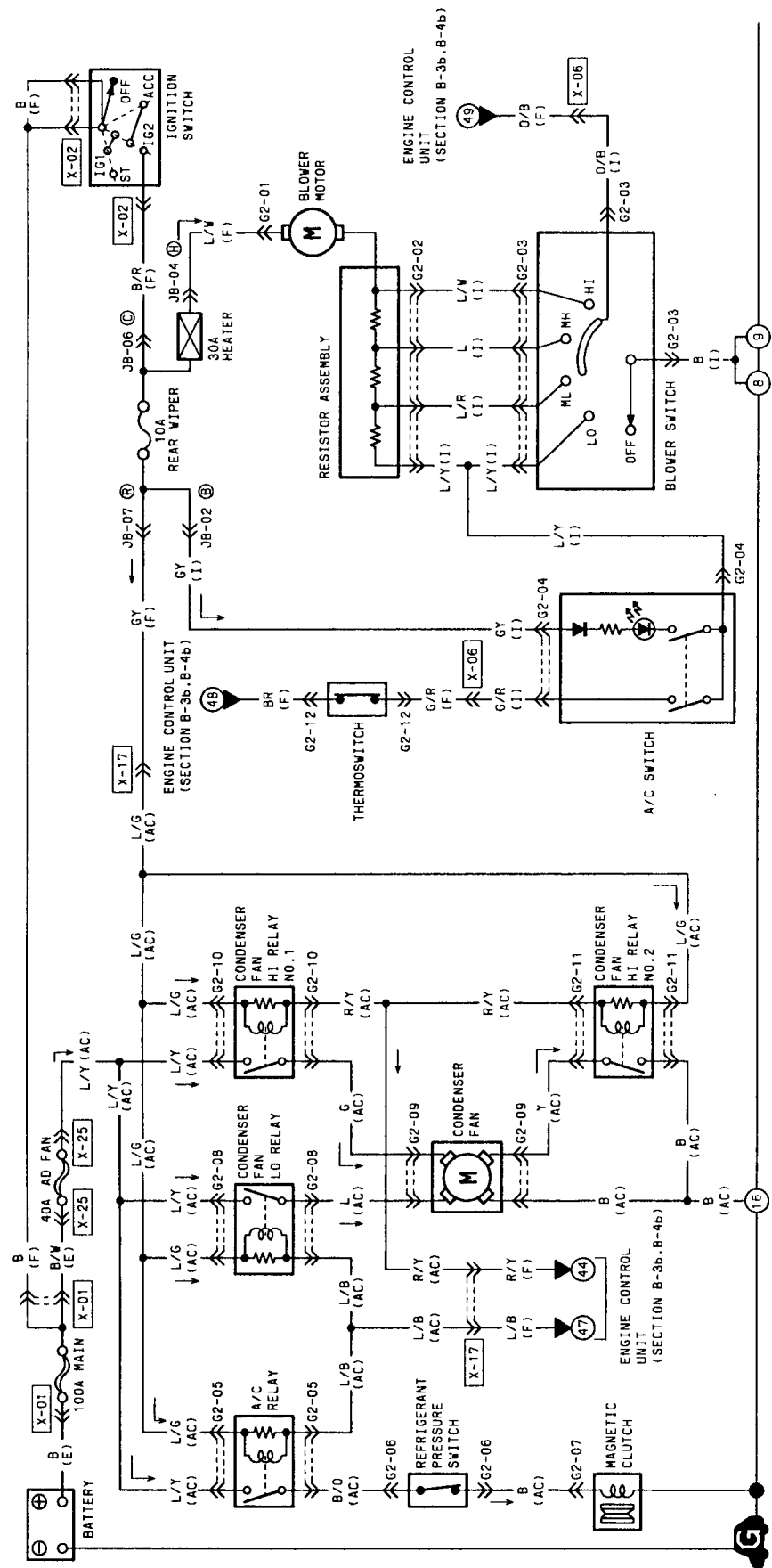
MAZDA BLOWER AND AC FAN



MAZDA BLOWER AND AC FAN

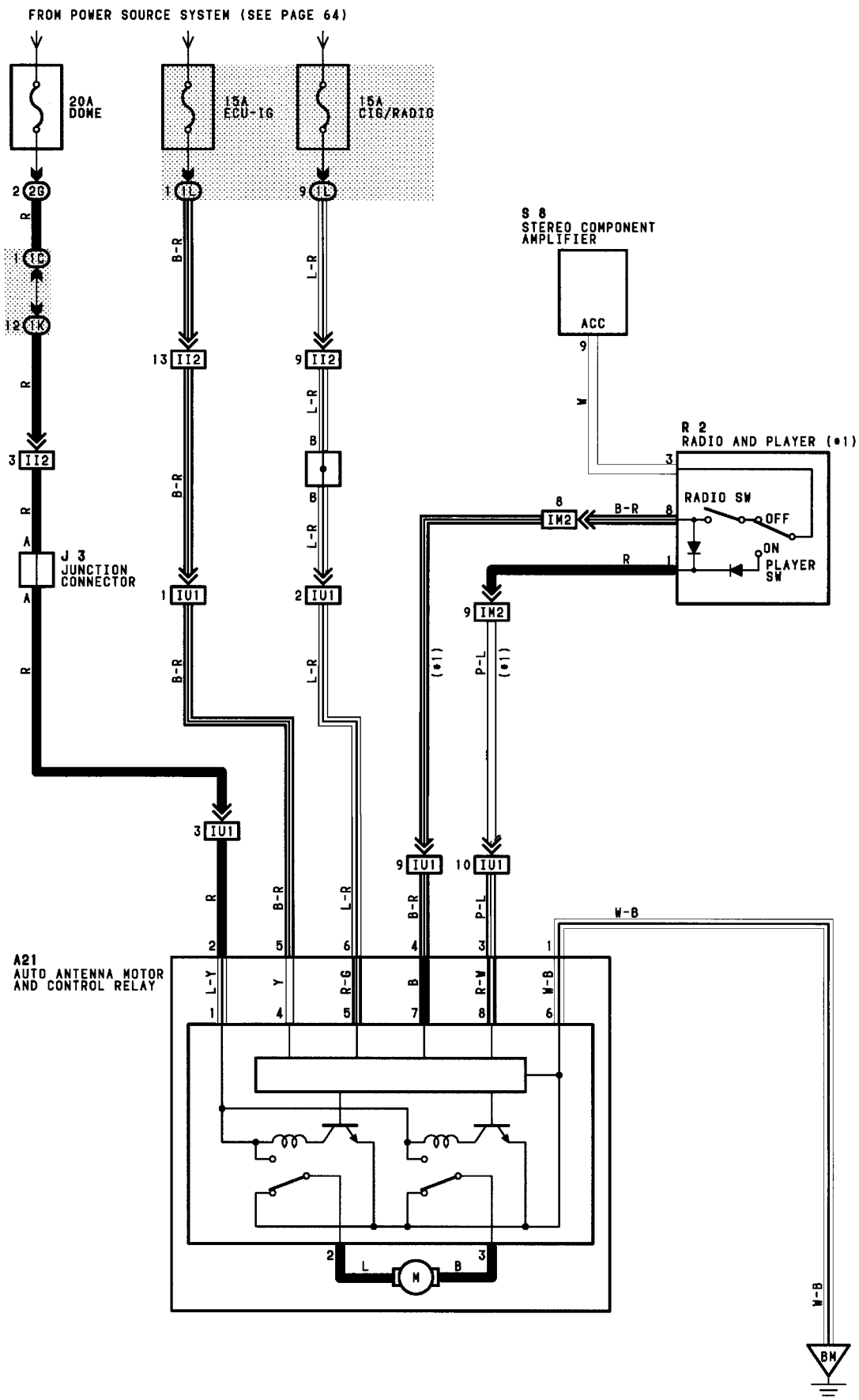


MAZDA BLOWER AND AC FAN





TOYOTA POWER ANTENNA



TOYOTA POWER ANTENNA

