

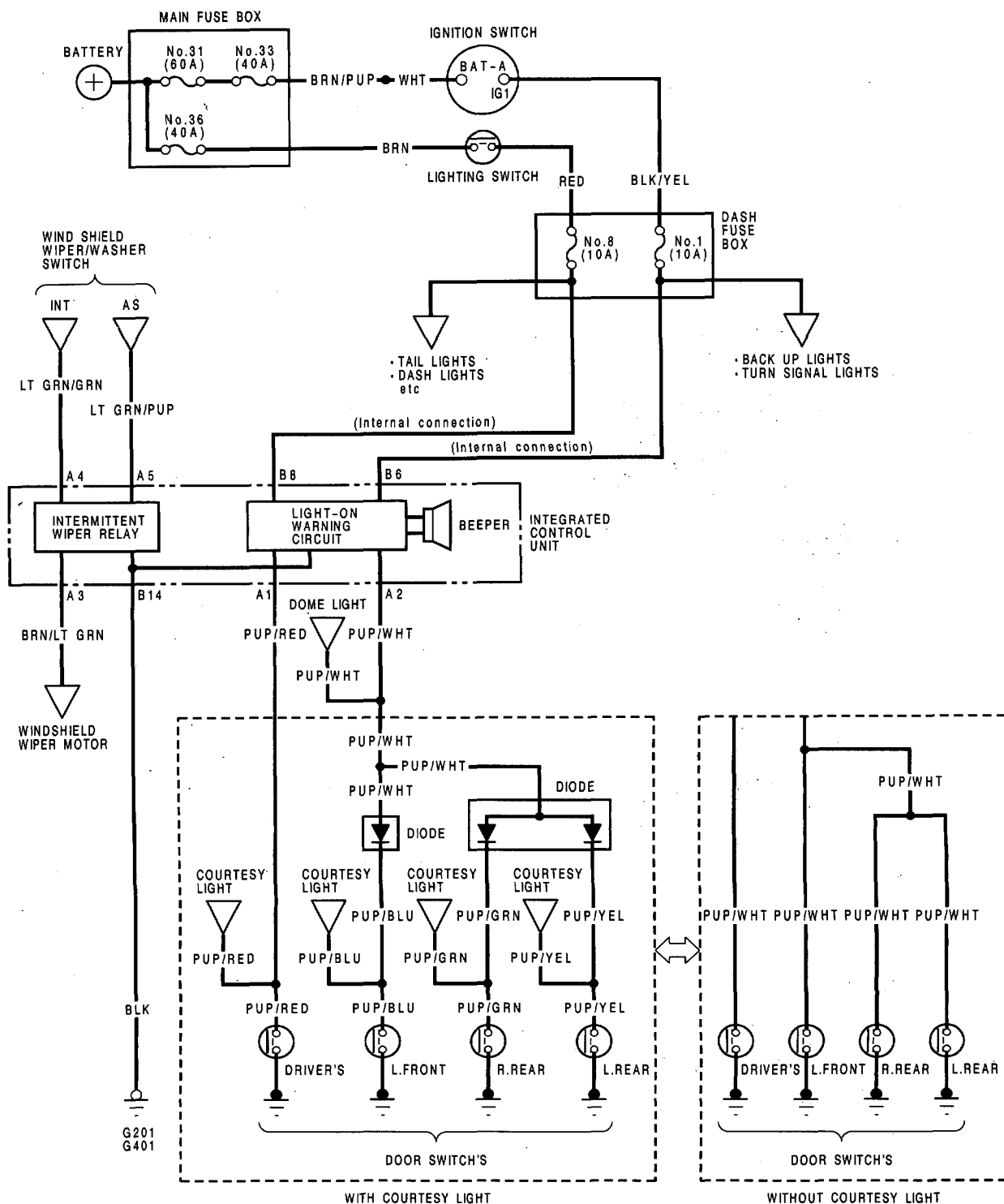


Integrated Control Unit

Circuit Diagram

Description:

A multi function control unit located under the driver side of the dashboard, light-on warning circuit and intermittent wiper relay circuit onto one circuit board, sharing common circuit functions.

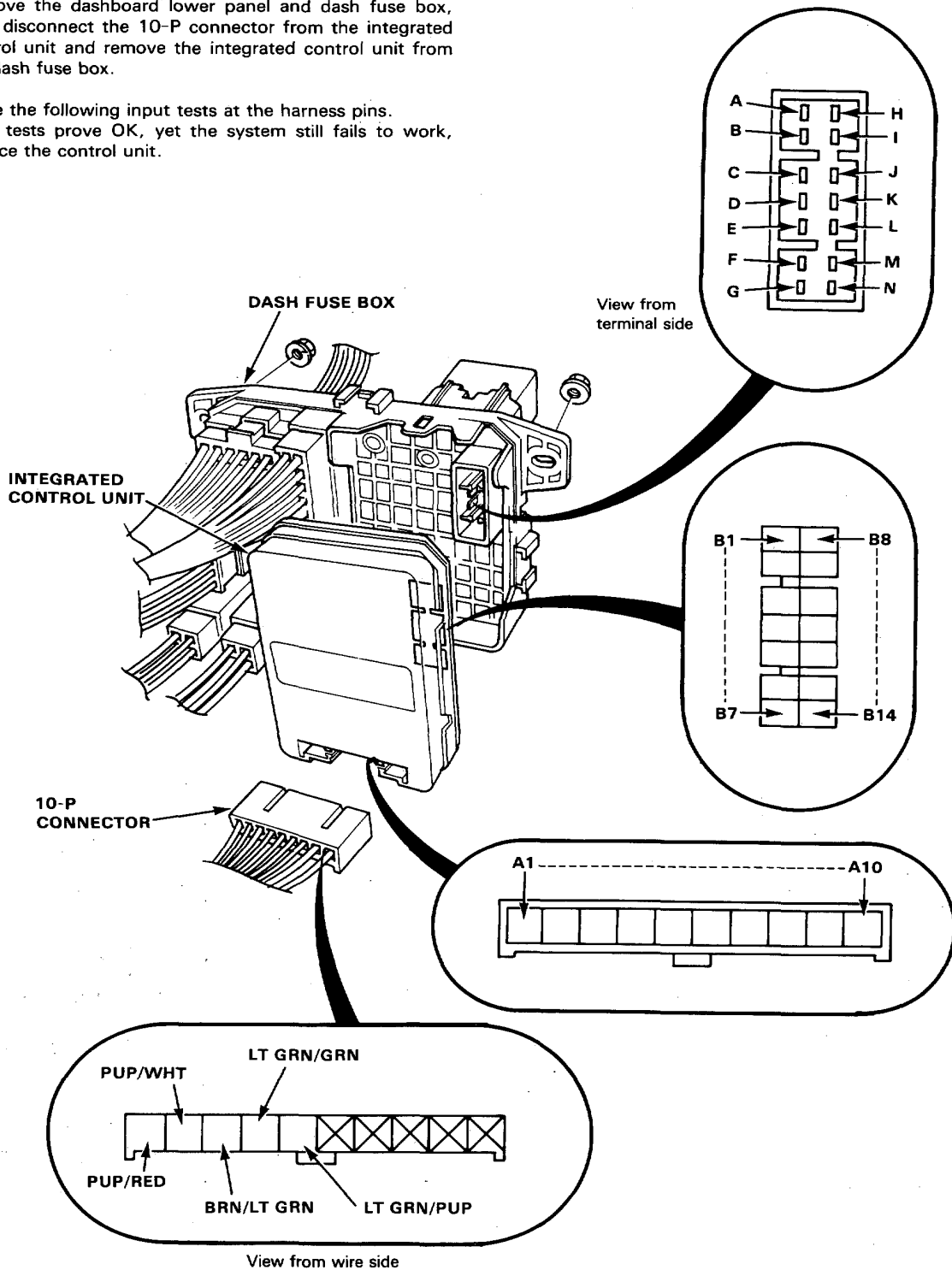


Integrated Control Unit

Input Test

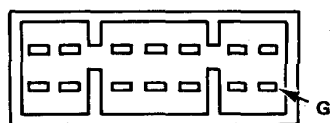
Remove the dashboard lower panel and dash fuse box, then disconnect the 10-P connector from the integrated control unit and remove the integrated control unit from the dash fuse box.

Make the following input tests at the harness pins. If all tests prove OK, yet the system still fails to work, replace the control unit.

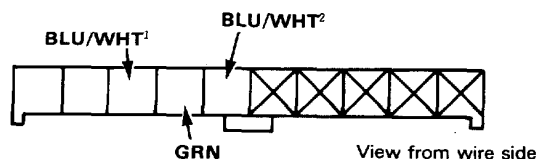




Wiper System:



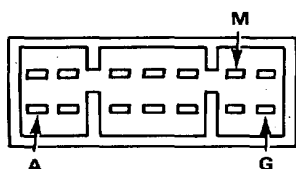
View from terminal side



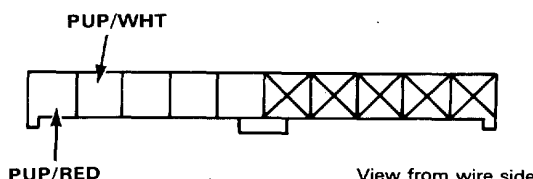
View from wire side

No.	Terminal	Test condition	Test: desired result	Possible cause(if result is not obtained)
1	G	Under all conditions.	Check for continuity to ground: should be continuity.	• Poor ground (G201, G401)
2	BRN/LT GRN and LT GRN/PUP	Wiper switch OFF or INT and wiper blades in park position.	Check for continuity between the BRN/LT GRN and LT GRN/PUP terminals: should be continuity.	• Faulty wiper switch. • Faulty wiper motor. • An open in the wire.
3	LT GRN/GRN	Ignition switch ON and wiper switch INT.	Check for voltage to ground: should be battery voltage.	• Blown No. 13 (15A) fuse. • Faulty wiper switch. • An open in the wire.

Light-on Warning System:



View from terminal side



View from wire side

No.	Terminal	Test condition	Test: desired result	Possible cause(if result is not obtained)
1	G	Under all conditions.	Check for continuity to ground: should be continuity.	• Poor ground (G201, G401) • An open in the wire.
2	A	Lighting switch ON.	Check for voltage to ground: should be battery voltage.	• Blown No. 8 (10A) fuse. • Faulty lighting switch. • An open in the wire.
3	M	Ignition switch ON.	Check for voltage to ground: should be battery voltage.	• Blown No. 1 (10A) fuse. • An open in the wire.
4	PUP/WHT	L. Front door open. R. Rear door open. L. Rear door open.	Check for continuity to ground: should be continuity. NOTE: Before testing remove No. 12 (15A) fuse.	• Faulty passenger door switch. • An open in the wire.
5	PUP/RED	Driver door open.	Check for continuity to ground: should be continuity.	• Faulty driver door switch. • An open in the wire.

(cont'd)