

Integrated Control Unit (KY model)

Input Test

Description:

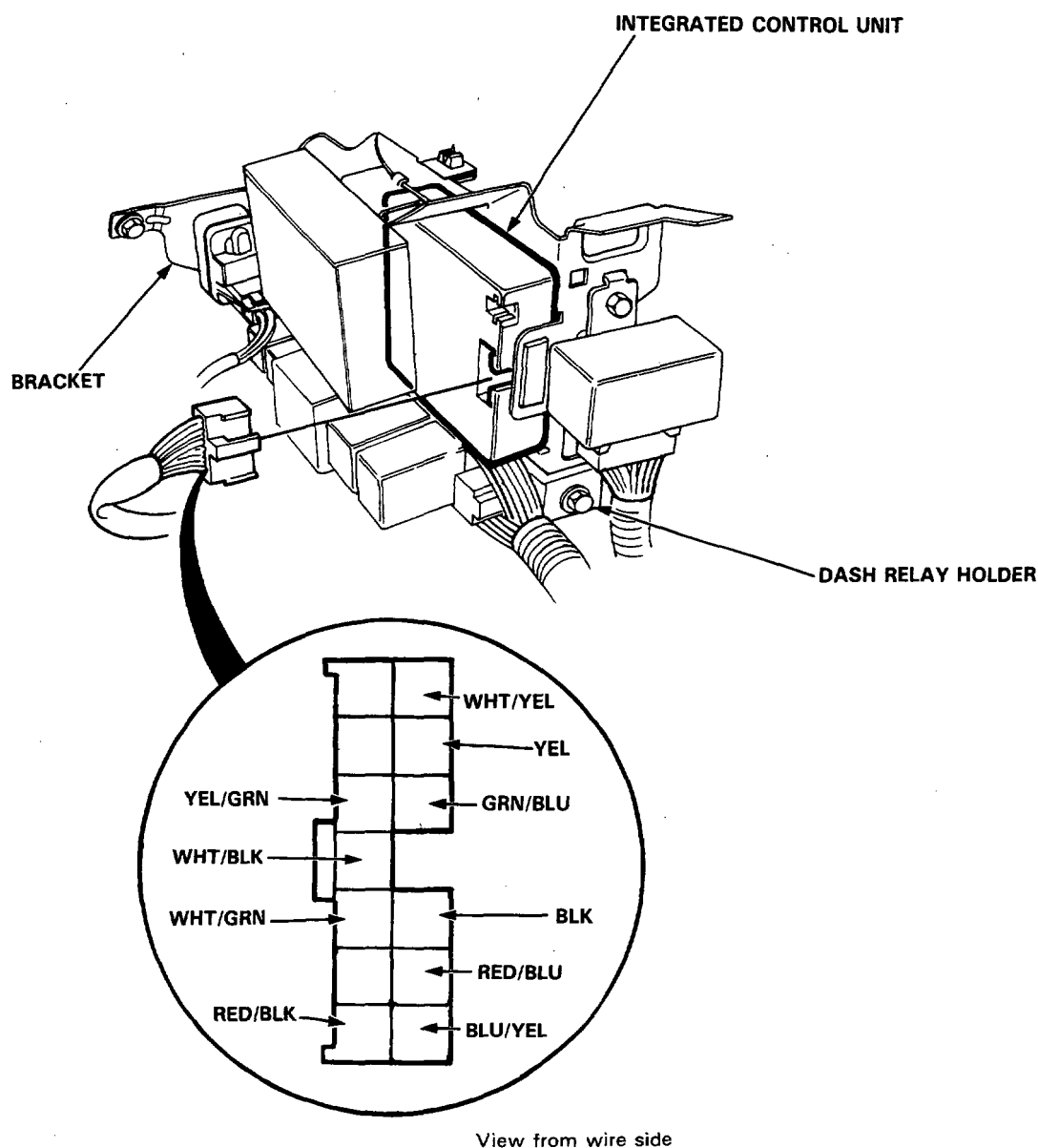
A multi-function control unit located under the driver's side of the dashboard, integrates the functions of the entry light timer, light-on warning and seat belt reminder onto one circuit board, sharing common circuit functions.

Input Test:

Remove the dashboard lower panel, and the dash relay holder from the bracket, to disconnect the 13-P connector from the control unit.

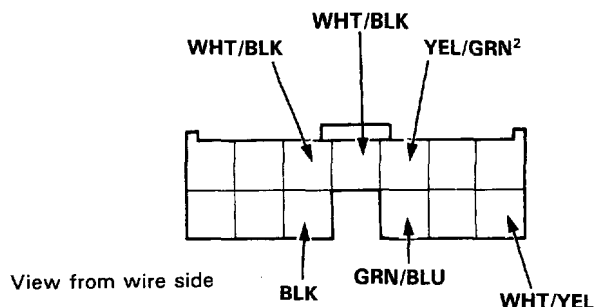
Make the following input tests at the harness pins.

If all tests prove OK, yet the system still fails to work, replace the control unit.



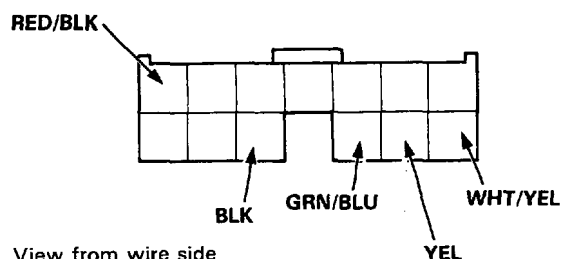


Entry Light Timer System:



No.	Wire	Test condition	Test: desired result	Possible cause (if result is not obtained)
1	BLK	Under all conditions.	Check for continuity to ground: should be continuity.	<ul style="list-style-type: none"> • Poor ground (G403). • An open in the wire.
2	WHT/YEL	Under all conditions.	Check for voltage to ground: should be battery voltage.	<ul style="list-style-type: none"> • Blown No. 5 (10A) fuse. • An open in the wire.
3	YEL/GRN	Driver's door outer handle pulled.	Check for continuity to ground: should be continuity as the outer handle is pulled.	<ul style="list-style-type: none"> • Faulty outer handle switch. • Poor ground (G403). • An open in the wire.
4	WHT/BLK	Under all conditions.	Attach to ground: Ignition key and foot lights should come on.	<ul style="list-style-type: none"> • Blown bulb or No. 3 (15A) fuse. • An open in the wire.
5	GRN/BLU	Driver's door opened.	Check for continuity to ground: should be continuity. NOTE: Before testing, remove No. 3 (15A) fuse.	<ul style="list-style-type: none"> • Faulty driver's door switch. • An open in the wire.
6	WHT/GRN	Under all conditions.	Check for voltage to ground: should be about 10V.	<ul style="list-style-type: none"> • Faulty door key light. • An open in the wire.

Light-on Warning System:



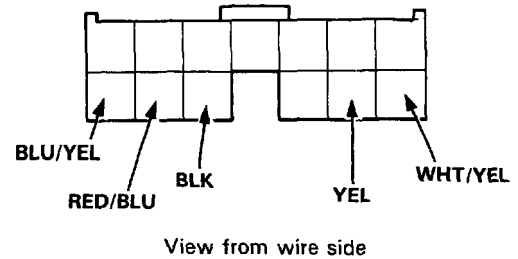
No.	Wire	Test condition	Test: desired result	Possible cause (if result is not obtained)
1	BLK	Under all conditions.	Check for continuity to ground: should be continuity.	<ul style="list-style-type: none"> • Poor ground (G403). • An open in the wire.
2	WHT/YEL	Under all conditions.	Check for voltage to ground: should be battery voltage.	<ul style="list-style-type: none"> • Blown No. 5 (10A) fuse. • An open in the wire.
3	YEL	Ignition switch ON.	Check for voltage to ground: should be battery voltage.	<ul style="list-style-type: none"> • Blown No. 13 (7.5A) fuse. • An open in the wire.
4	GRN/BLU [GRN/RED]	Left door opened.	Check for continuity to ground: should be continuity. NOTE: Before testing, remove No. 3 (15A) fuse.	<ul style="list-style-type: none"> • Faulty driver's door switch. • An open in the wire.
5	RED/BLK	Lighting switch ON.	Check for voltage to ground: should be battery voltage.	<ul style="list-style-type: none"> • Blown No. 7 (15A) fuse. • Faulty lighting switch. • An open in the wire.

(cont'd)

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Input Test (cont'd)

Seat Belt Reminder System:



No.	Wire	Test condition	Test: desired result	Possible cause (if result is not obtained)
1	BLK	Under all conditions.	Check for continuity to ground: should be continuity.	<ul style="list-style-type: none"> • Poor ground (G403). • An open in the wire.
2	YEL	Ignition switch ON.	Check for voltage to ground: should be battery voltage.	<ul style="list-style-type: none"> • Blown No. 13 (7.5A) fuse. • An open in the wire.
3	WHT/YEL	Under all conditions.	Check for voltage to ground: should be battery voltage.	<ul style="list-style-type: none"> • Blown No. 5 (10A) fuse. • An open in the wire.
4	RED/BLU	Driver's seat belt not buckled.	Check for continuity to ground: should be continuity.	<ul style="list-style-type: none"> • Faulty seat belt switch. • Poor ground (G405). • An open in the wire.
5	BLU/YEL	Ignition switch ON.	Attach to ground: Seat belt reminder light should come on.	<ul style="list-style-type: none"> • Blown bulb. • An open in the wire.