

A/T Gear Position Indicator

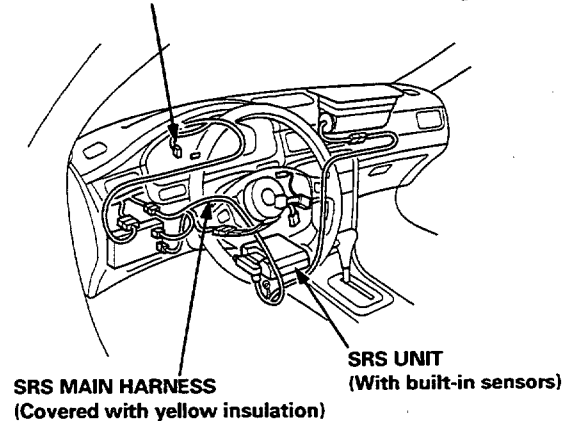
Component Location Index

CAUTION:

- All SRS wire harnesses are covered with yellow insulation.
- Replace the entire affected SRS harness assembly if it has an open circuit or damaged wiring.
- Before disconnecting the SRS wire harness, turn the ignition switch OFF, disconnect the battery negative cable, then disconnect the positive cable, and wait at least three minutes.
- Whenever the ignition switch is ON (II), or has been turned OFF for less than three minutes, be careful not to bump the SRS unit; the airbags could accidentally deploy and cause damage or injuries.
- Before you disconnect any part of an SRS wire harness, connect the short connectors (RED) to the airbags.
- For additional precautions, refer to page 23-B6 in the SRS sub-section.

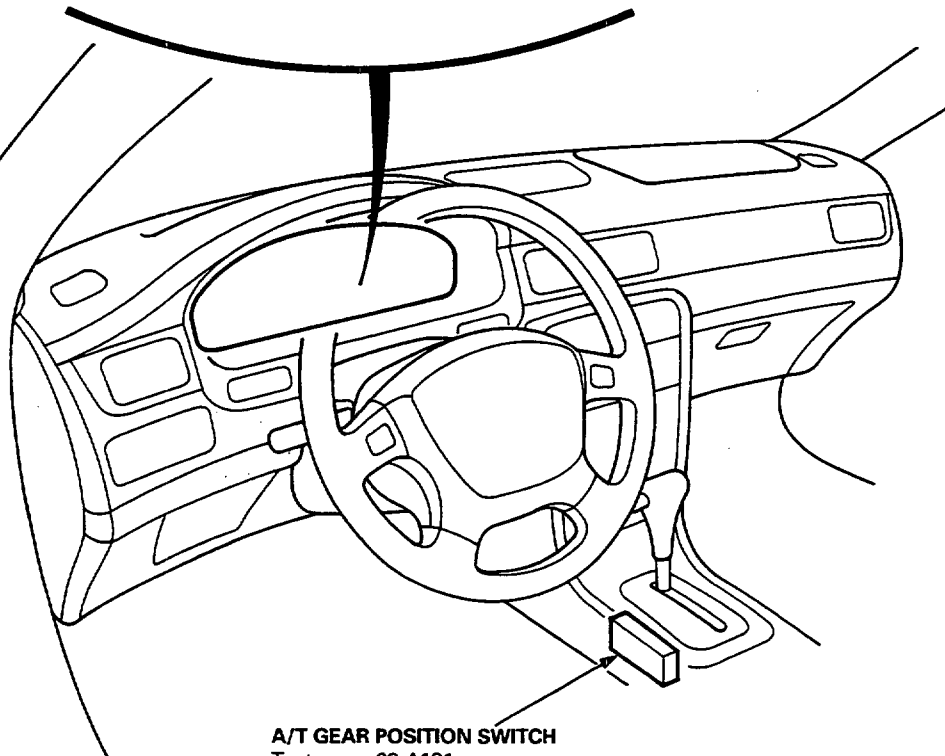
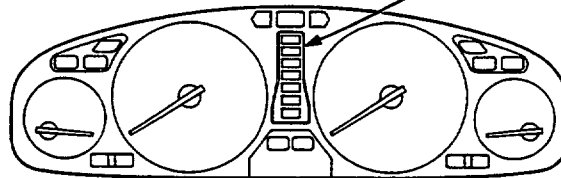
NOTE: LHD type is shown, RHD type is similar.

CONNECTOR "D" (Carries the SRS indicator signal)



A/T GEAR POSITION INDICATOR

Input Test, page 23-A130
Bulb Locations, page 23-A118

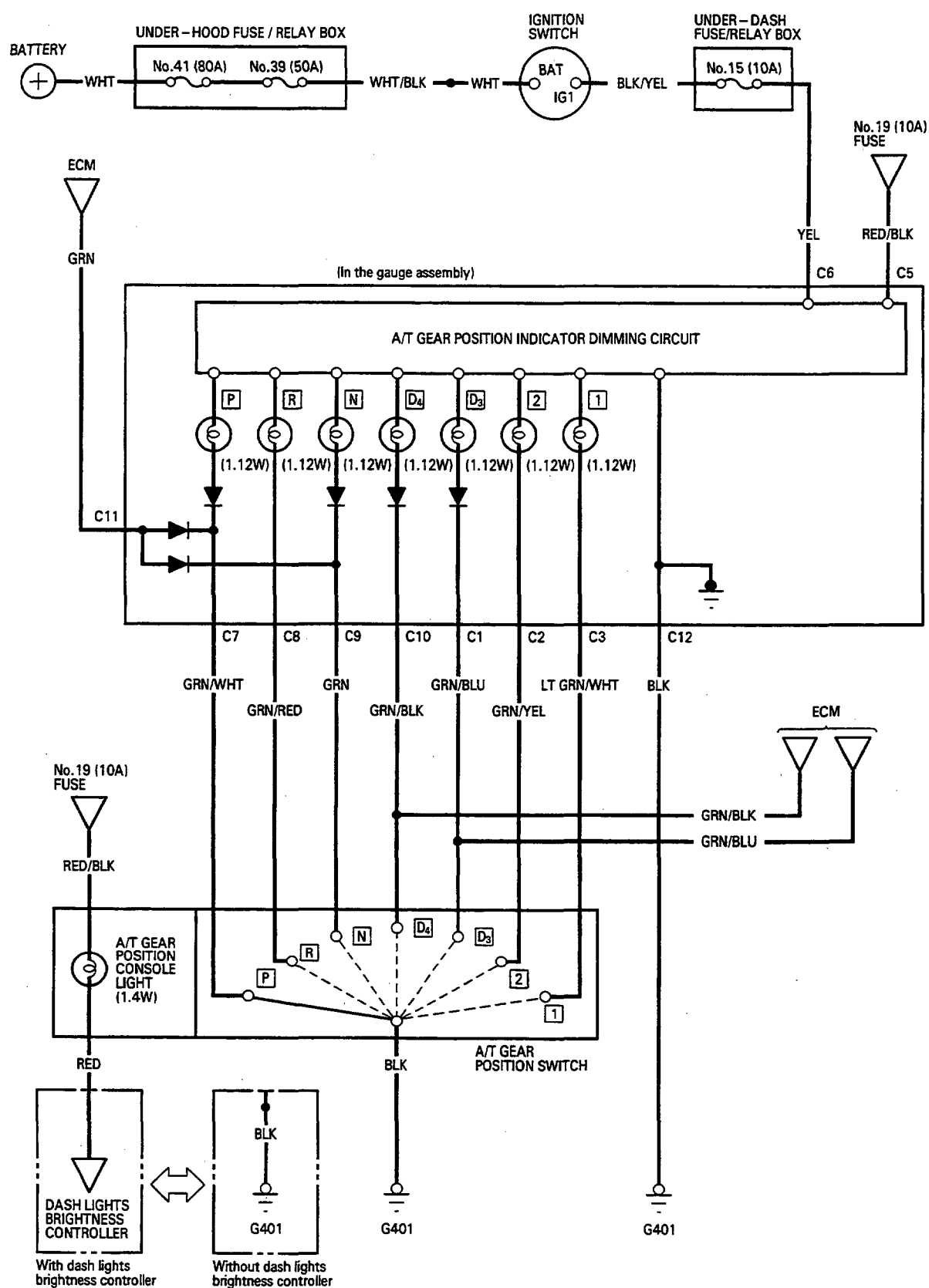


A/T GEAR POSITION SWITCH

Test, page 23-A131
Replacement, page 23-A132



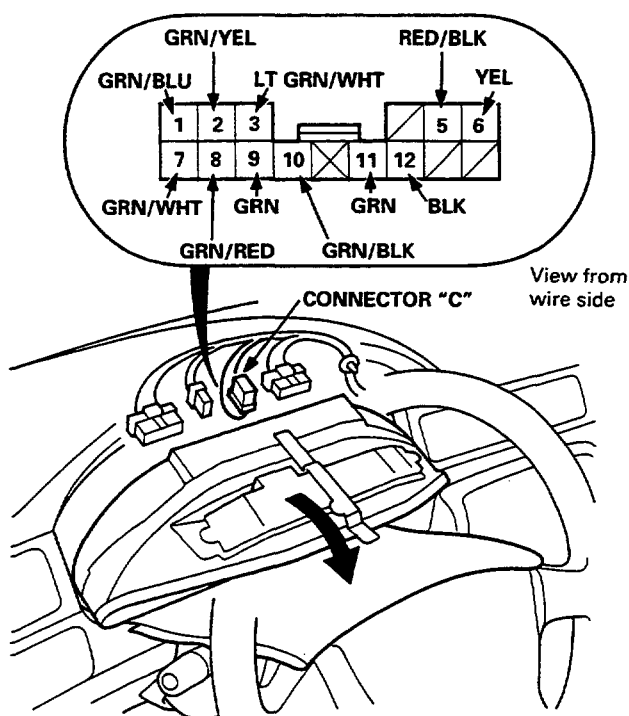
Circuit Diagram



A/T Gear Position Indicator

Indicator Input Test

1. Remove the gauge assembly (see page 23-A116), and disconnect all connectors from it.
2. Inspect the connector and socket terminals to be sure they are all making good contact.
 - If the terminals are bent, loose or corroded, repair them as necessary, and recheck the system.
 - If the terminals look OK, make the following input tests at the 14-P connector.
 - If a test indicates a problem, find and correct the cause, then recheck the system.
 - If all the input tests prove OK, but the indicator is faulty, replace the A/T gear position indicator.



Terminal

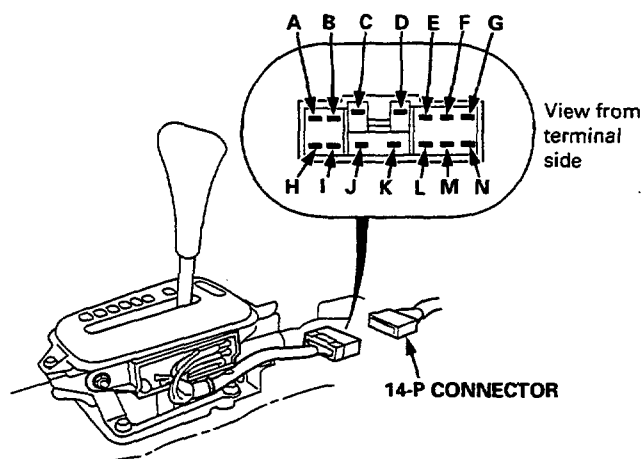
No.	Wire	Test condition	Test: Desired result	Possible cause if result is not obtained
12	BLK	Under all conditions	Check for continuity to ground: There should be continuity.	<ul style="list-style-type: none"> • Poor ground (G401) • An open in the wire
6	YEL	Ignition switch ON (II)	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> • Blown No. 15 (10 A) fuse in the under-dash fuse/relay box • An open in the wire
7	GRN/WHT	Shift lever in position P	Check for continuity to ground: There should be continuity. NOTE: There should be no continuity in any other position.	<ul style="list-style-type: none"> • Faulty A/T gear position switch • Poor ground (G401) • An open in the wire
8	GRN/RED	Shift lever in position R		
9	GRN	Shift lever in position N		
10	GRN/BLK	Shift lever in position D₄		
1	GRN/BLU	Shift lever in position D₃		
2	GRN/YEL	Shift lever in position 2		
3	LT-GRN/WHT	Shift lever in position 1		
5	RED/BLK	Combination light switch ON	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> • Blown No. 19 (10 A) fuse in the under-dash fuse/relay box • An open in the wire
11	GRN	Ignition switch ON (II)	Check for voltage to ground: There should be more than 5 V.	<ul style="list-style-type: none"> • Faulty ECM • An open in the wire



A/T Gear Position Switch Test/Adjustment

Test:

1. Remove the front console, then disconnect the 14-P connector from the A/T gear position switch.
2. Check for continuity between the terminals in each position according to the table.
 - Move the lever back and forth at each position without touching the push button, and check for continuity within the range of free play.
 - If there is no continuity within the range of free play, adjust the installing position of the switch as described on the next page.



A/T Gear Position Switch

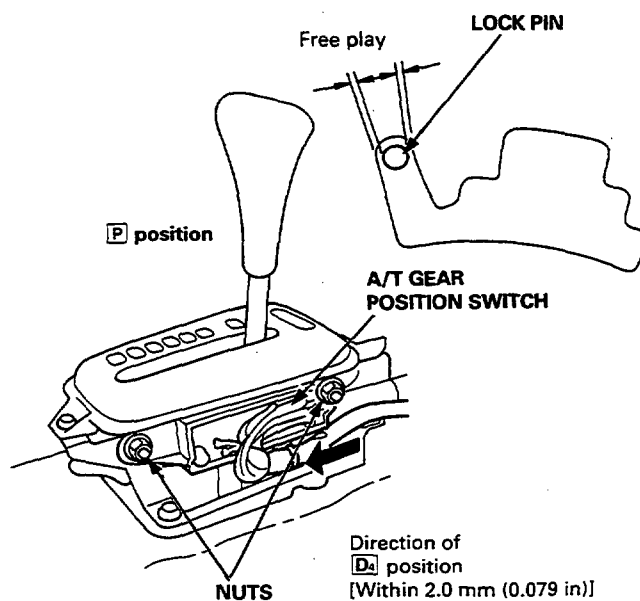
Terminal	Back-up Light Switch								Neutral Position Switch			
Position	A	B	E	F	G	N	M	L	C	D	J	K
1	○	○										
2	○		○									
D ₃	○			○								
D ₄	○				○							
N	○					○					○	○
R	○						○		○	○		
P	○							○			○	○

Adjustment:

1. Shift to the **P** position, and loosen the nuts.
2. Slide the switch in the direction of **D₄** position [within 2.0 mm (0.079 in.)] so that there is continuity between the "A" and "L" terminals in the range of free play of the shift lever.
3. Recheck for continuity between each of the terminals.

NOTE:

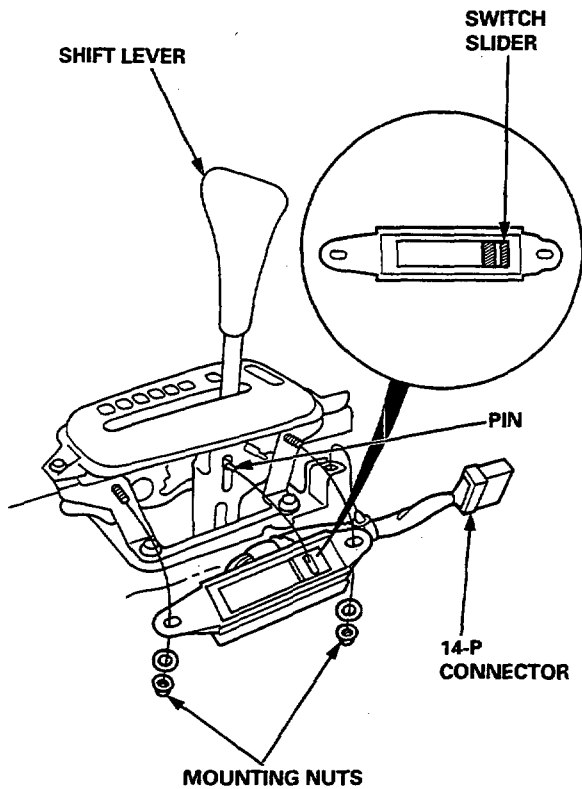
- If adjustment is not possible, check for damage to the shift lever detent and/or the bracket. If there is no damage, replace the console switch.
- The engine should start when the shift lever is in position **N** in the range of free play.



A/T Gear Position Indicator

A/T Gear Position Switch Replacement

1. Remove the front console, then disconnect the 14-P connector from the A/T gear position switch.
2. Remove the two mounting nuts.



3. Position the switch slider to "Neutral" as shown above.
4. Move the shift lever to "Neutral", then slip the switch into position.
5. Attach the switch with the two mounting nuts.
6. Test the switch in the **P** and **N** position of the shift lever. The engine should start when the shift lever is in position **P** anywhere in the range of free play.
7. Connect the 14-P connector, clamp the harness, and install the front console.