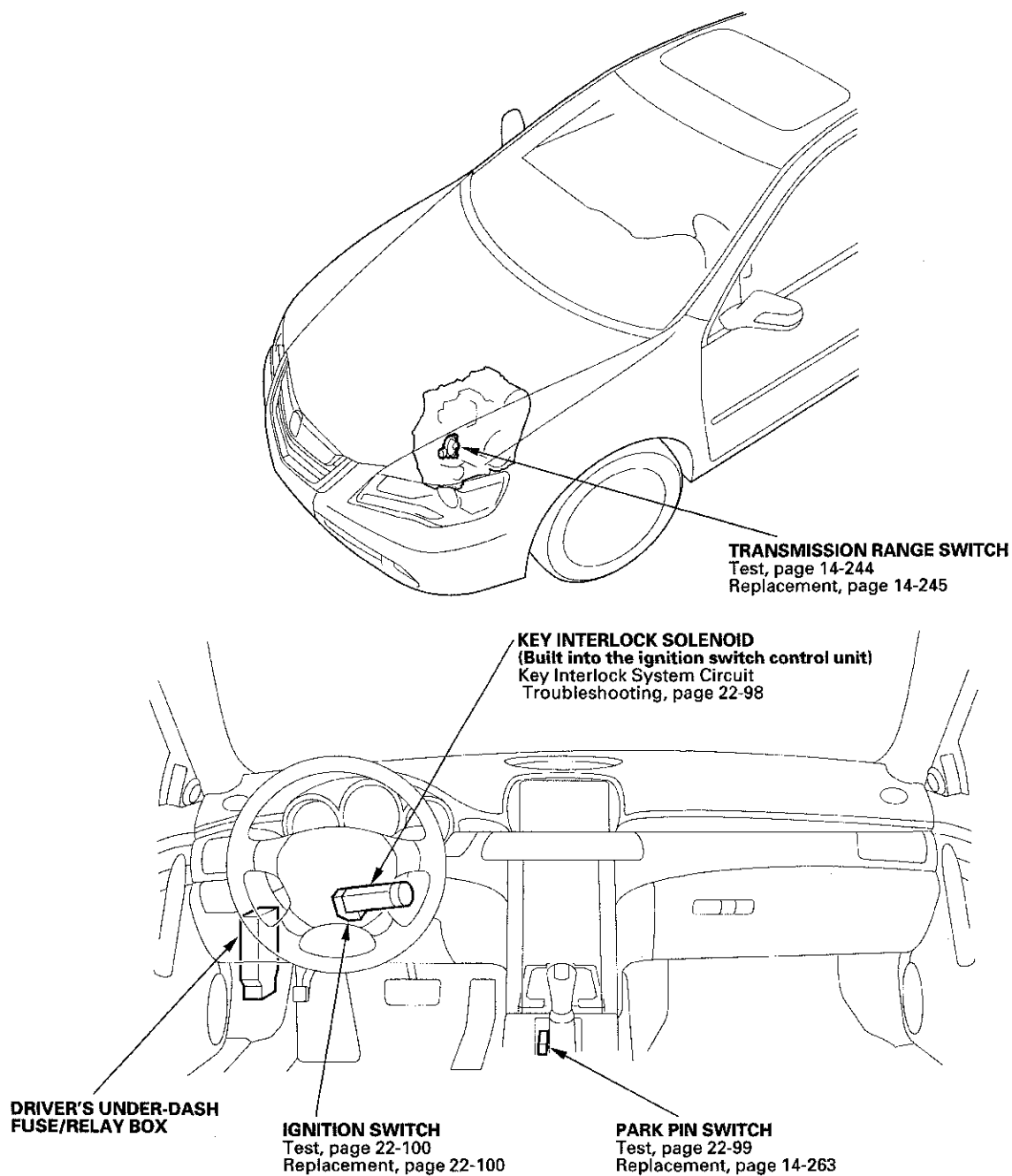


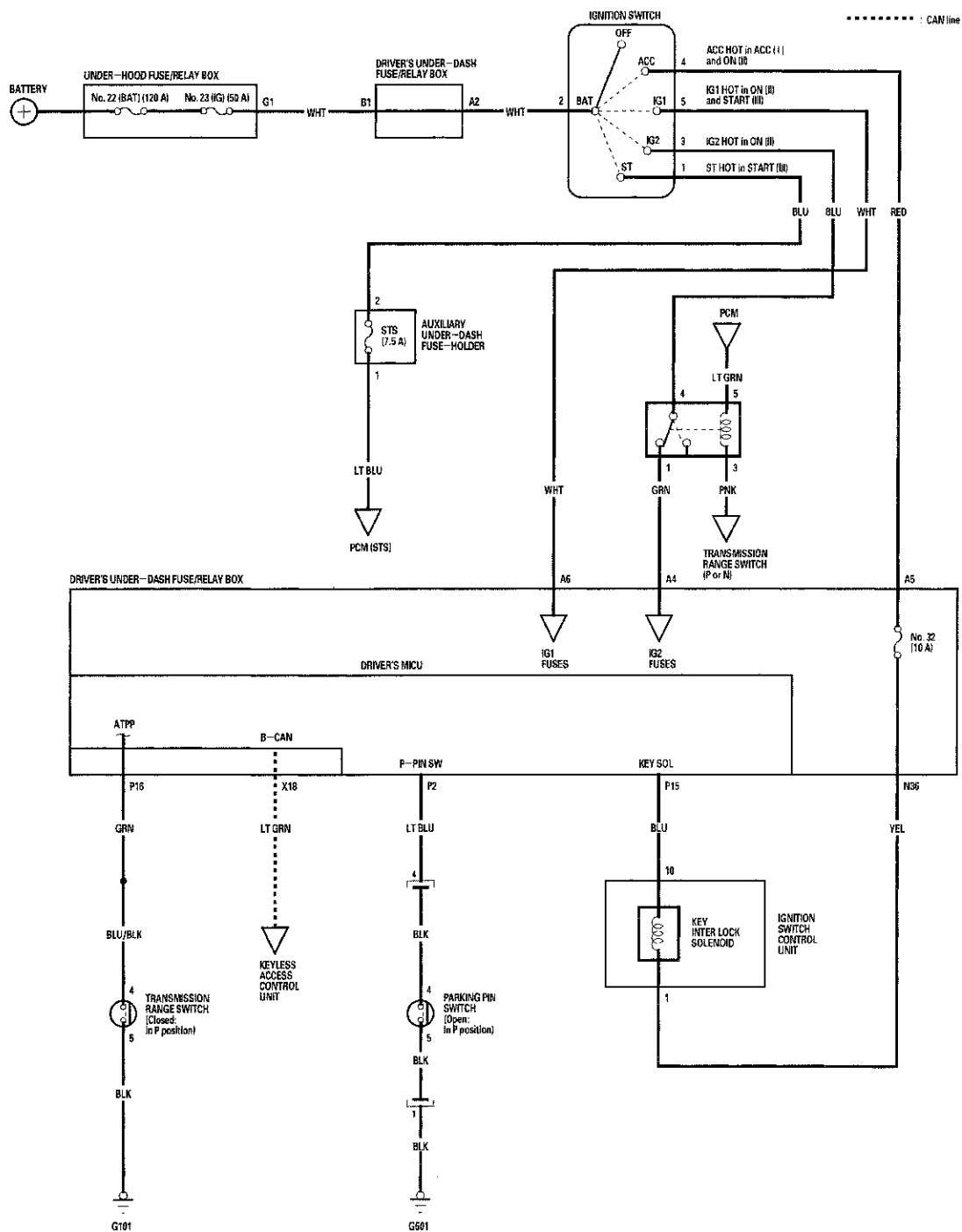
Ignition Switch

Component Location Index





Circuit Diagram



Ignition Switch

Key Interlock System Circuit Troubleshooting

SRS components are located in this area. Review the SRS component locations (see page 24-12) and the precautions and procedures (see page 24-14) before doing repairs or servicing.

1. Turn the ignition switch to ACC (I). The shift lever must be in P.
2. Disconnect the ignition switch control unit 10P connector.
3. Check if the ignition switch can be turned to LOCK (0).

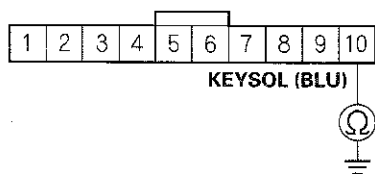
Can the ignition switch be turned to LOCK (0)?

YES—Go to step 4.

NO—Replace the ignition key cylinder/steering lock assembly (see page 17-33). ■

4. Turn the ignition switch to LOCK (0).
5. Disconnect the driver's under-dash fuse/relay box connector P (30P).
6. Check for continuity between ignition switch control unit connector terminal No. 10 and body ground.

IGNITION SWITCH CONTROL UNIT 10P CONNECTOR



Wire side of female terminals

Is there continuity?

YES—Repair a short in the wire between key interlock solenoid and the MICU. ■

NO—Reconnect the driver's under-dash fuse/relay box connector P (30P) and go to step 7.

7. Connect the HDS to the DLC.

8. Check the Park Pin Switch signal with the HDS in the A/T data list while the shift lever is in P, and when the shift lever is shifted to any position other than P.

NOTE: If the HDS does not communicate with the PCM, troubleshoot the DLC circuit (see page 11-211).

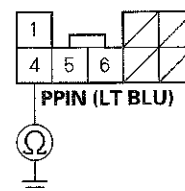
Is the park pin switch signal OFF while the shift lever is in P, and ON when the shift lever is shifted out of P?

YES—Go to step 13.

NO—Go to step 9.

9. Turn the ignition switch to LOCK (0).
10. Remove the center console (see page 20-92).
11. Disconnect the park pin switch/A/T gear position indicator panel light connector, and remove it from the shift lever bracket.
12. Check for continuity between park pin switch/A/T gear position indicator panel light connector terminal No. 4 and body ground.

PARK PIN SWITCH/ A/T GEAR POSITION INDICATOR PANEL LIGHT CONNECTOR



Wire side of female terminals

Is there continuity?

YES—Repair a short in the wire between park pin switch/A/T gear position indicator panel light connector terminal No. 4 and the MICU. ■

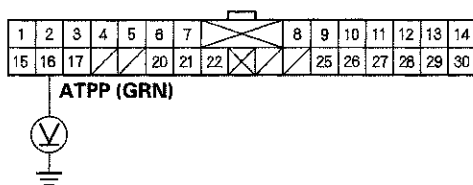
NO—Replace the park pin switch (see page 14-263). ■



Park Pin Switch Test

13. Turn the ignition switch to LOCK (0).
14. Disconnect the driver's under-dash fuse/relay box connector P (30P).
15. Turn the ignition switch to ON (II).
16. Measure the voltage between driver's under-dash fuse/relay box connector P (30P) terminal No. 16 and body ground.

DRIVER'S UNDER-DASH FUSE/RELAY BOX CONNECTOR P (30P)



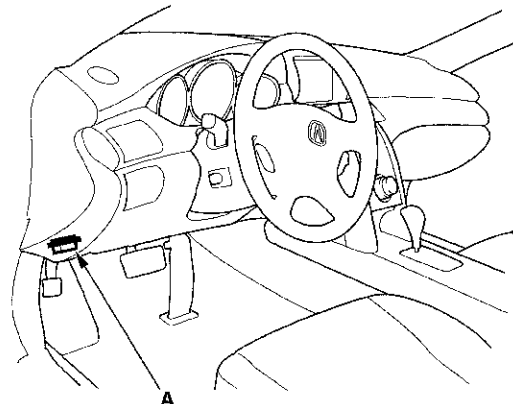
Wire side of female terminals

Is there voltage?

YES—Faulty MICU; replace the driver's under-dash fuse/relay box (see page 22-88). ■

NO—Repair open or short in the ATP P wire between driver's under-dash fuse/relay box connector P (30P) and the transmission range switch. ■

1. Connect the HDS to the DLC (A).



2. Check the Park Pin Switch signal with the HDS in the A/T data list while the shift lever is in P, and when the shift lever is shifted to any position other than P.
The HDS indicates ON while the shift lever is in P, and OFF when the shift lever is out of P. If the park pin switch signal is as specified, the park pin switch circuit is OK. If the park pin switch is not as specified, troubleshoot the key interlock system circuit (see page 22-98).

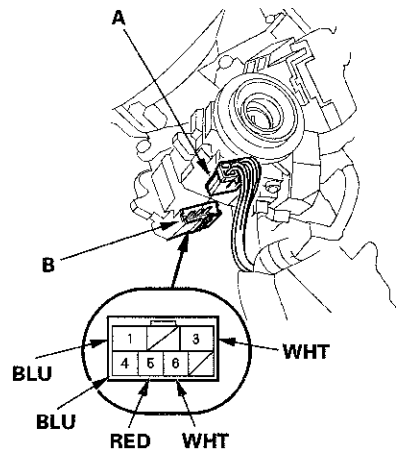
NOTE: If the HDS does not communicate with the PCM, troubleshoot the DLC circuit (see page 11-211).

Ignition Switch

Ignition Switch Test

SRS components are located in this area. Review the SRS component locations (see page 24-12) and precautions and procedures (see page 24-14) before doing repairs or servicing.

1. Do the battery terminal disconnection procedure (see page 22-91).
2. Remove the driver's dashboard undercover (see page 20-100) and the steering column covers (see page 17-25).
3. Disconnect the 7P connector (A) from the ignition switch (B).



4. Check for continuity between the terminals in each switch position according to the table.

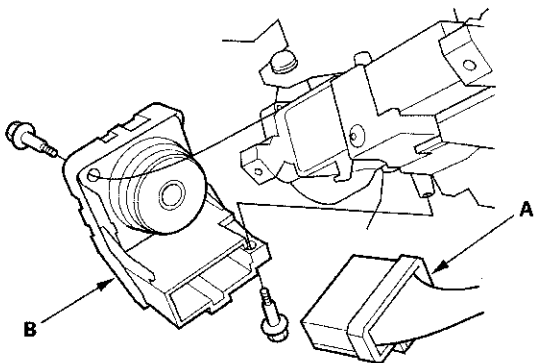
Terminal	RED (ACC)	WHT (BAT)	WHT (IG1)	BLU (IG2)	BLU (ST)
Position					
0 (LOCK)					
I (ACC)	○	○			
II (ON)	○	○	○	○	
III (START)		○	○	○	○

5. If the continuity is not as specified, replace the ignition switch (see page 22-100).
6. Do the battery terminal reconnection procedure (see page 22-91).

Ignition Switch Replacement

SRS components are located in this area. Review the SRS component locations (see page 24-12) and precautions and procedures (see page 24-14) before doing repairs or servicing.

1. Do the battery terminal disconnection procedure (see page 22-91).
2. Remove the driver's dashboard undercover (see page 20-100) and the steering column covers (see page 17-25).
3. Disconnect the 7P connector (A) from the ignition switch (B).



4. Remove the two screws and the ignition switch.
5. Install the ignition switch in the reverse order of removal.
6. Do the battery terminal reconnection procedure (see page 22-91).