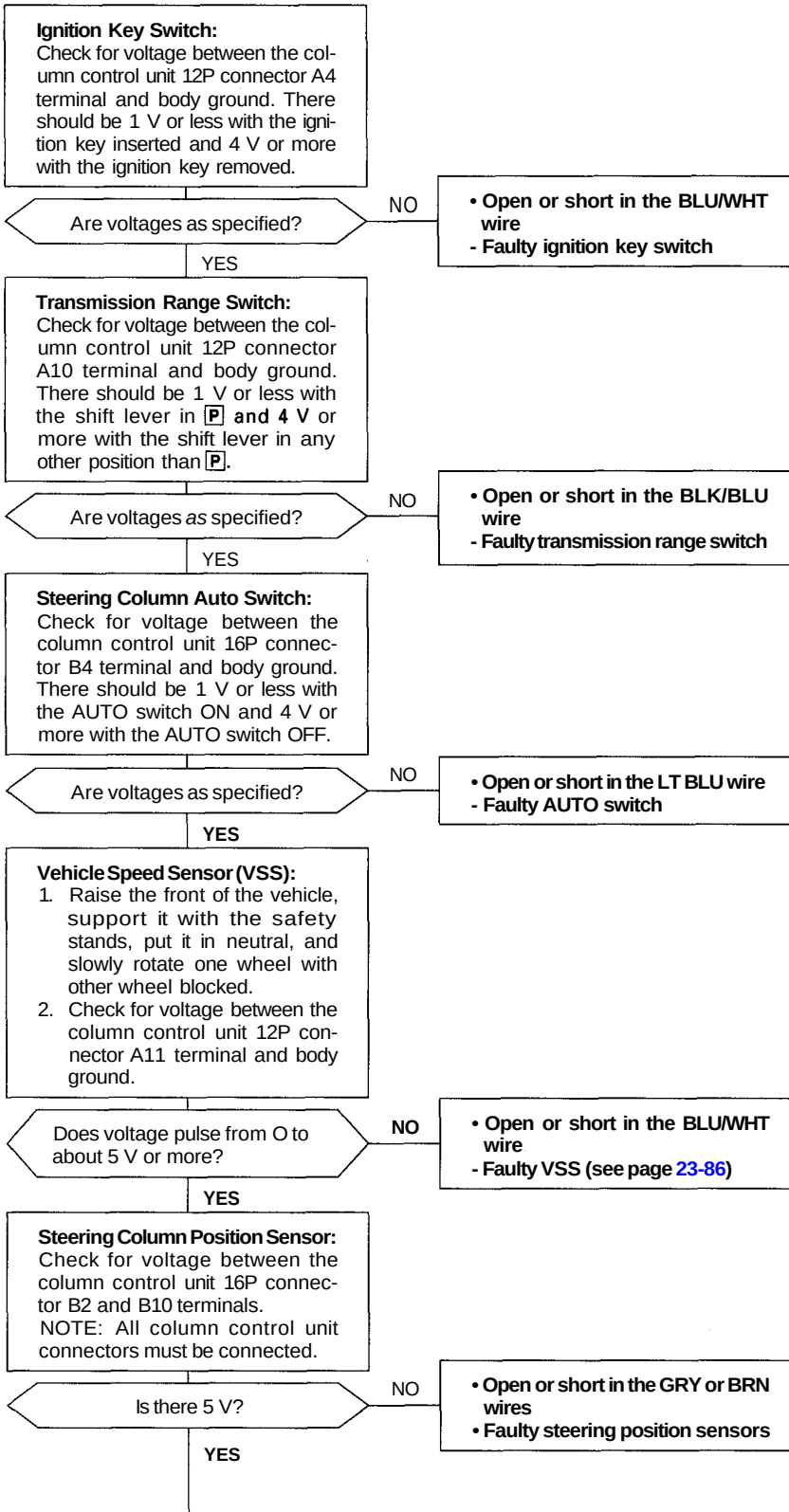


Driving Position Memory System (DPMS)

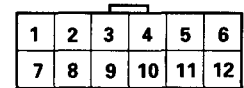
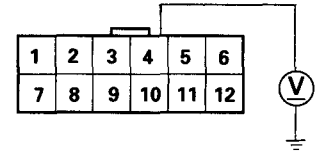
Troubleshooting

Flowchart No. 1

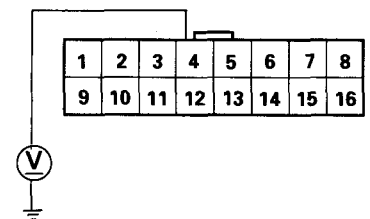


NOTE: All connector views are from wire side of female terminals.

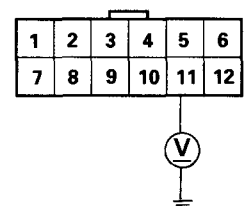
COLUMN CONTROL UNIT
12P CONNECTOR "A"



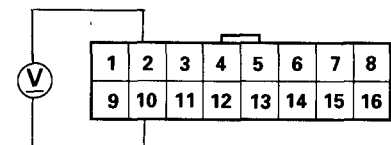
COLUMN CONTROL UNIT
16P CONNECTOR "B"



COLUMN CONTROL UNIT
12P CONNECTOR "A"



COLUMN CONTROL UNIT
16P CONNECTOR "B"



From page 23-206

NOTE: All connector views are from wire side of female terminals.

Steering Column Position Sensor (Extend-retract):

Check for voltage between the column control unit 16P connector B9 and B10 terminals. There should be 2.5 V or more with the steering column in fully-extended position and 2.5 V or less with the steering column in fully-retracted position. NOTE: All column control unit connectors must be connected.

NOTE: If necessary, apply power and ground to the extend-retract motor to move the steering column to the fully-extended and fully-retracted positions (see page 23-226).

Are voltages as specified?

NO

- Open or short in the PNK or BRN wires
- Faulty extend-retract position sensor

YES

Steering Column Position Sensor (Tilt):

Check for voltage between the column control unit 16P connector B1 and B10 terminals. There should be 2.5 V or more with the steering column in fully-up position and 2.5 V or less with the steering column in fully-down position. NOTE: All column control unit connectors must be connected.

NOTE: If necessary, apply power and ground to the tilt motor to move the steering column to the fully-up and fully-down positions (see page 23-226).

Are voltages as specified?

NO

- Open or short in the BLU or BRN wires
- Faulty tilt position sensor

YES

Extend-retract Motor (Extend):

Check for voltage between the extend-retract motor 2P connector No. 2 terminal and body ground. There should be 12 V with the extend switch pushed and no voltage with the extend switch released.

Are voltages as specified?

NO

- Open or short in the PNK/BLK wire
- Faulty extend switch

YES

Extend-retract Motor (Retract):

Check for voltage between the extend-retract motor 2P connector No. 1 terminal and body ground. There should be 12 V with the retract switch pushed and no voltage with the retract switch released.

Are voltages as specified?

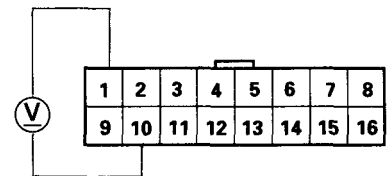
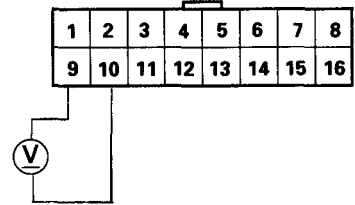
NO

- Open or short in the GRY/RED wire
- Faulty retract switch

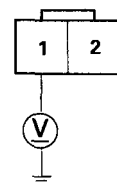
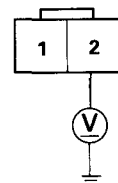
YES

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COLUMN CONTROL UNIT
16P CONNECTOR "B"



EXTEND-RETRACT MOTOR
2P CONNECTOR

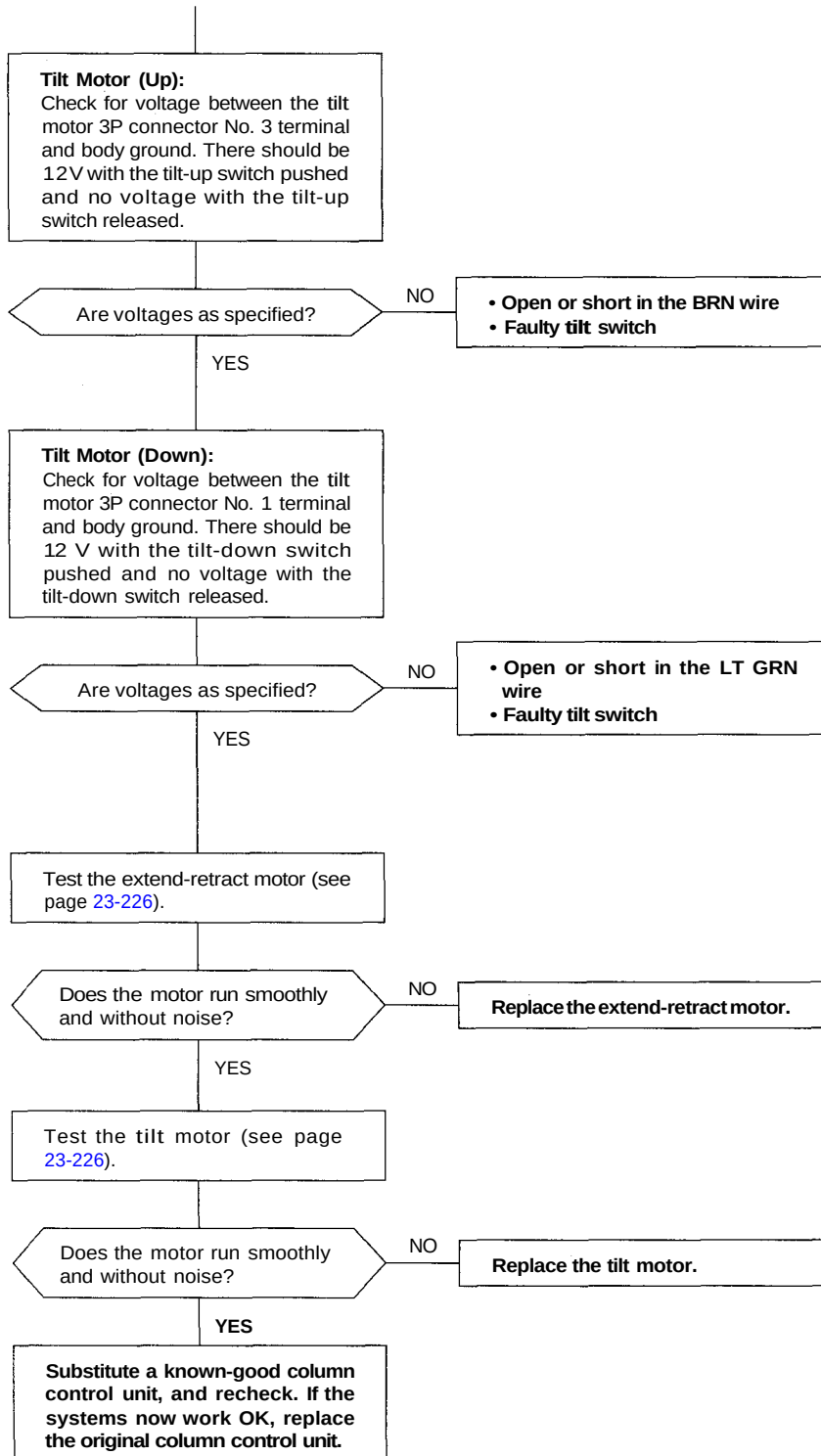


(cont'd)

Driving Position Memory System (DPMS)

Troubleshooting (cont'd)

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TILT MOTOR 3P CONNECTOR

