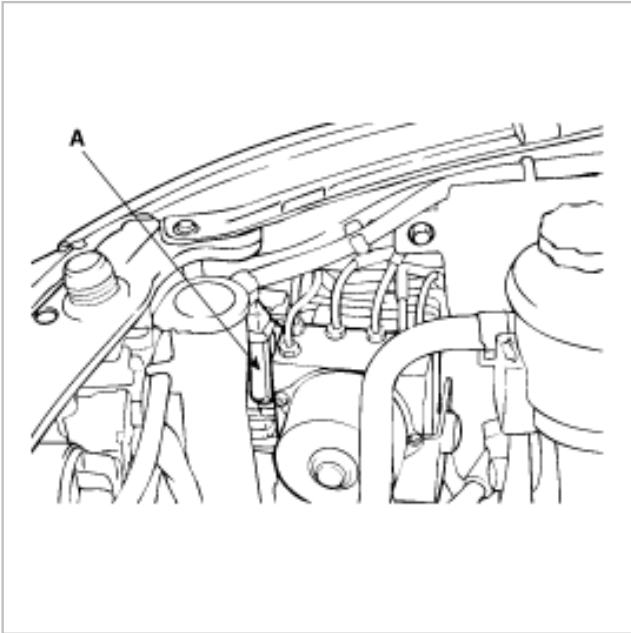




## REMOVAL

1. Disconnect the double lock connector (A) from the HECU.



2. Disconnect the brake tubes from the HECU.



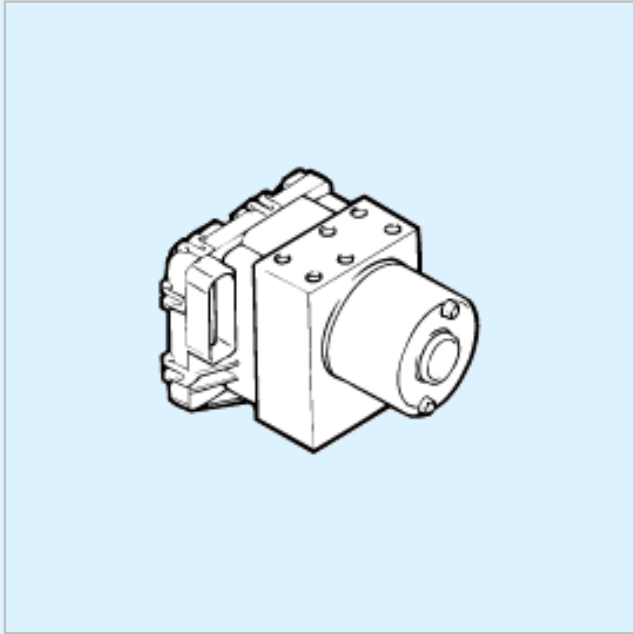
### NOTE

- Do not spill brake fluid on the vehicle; it may damage the paint; if brake fluid gets on the paint, wash it off immediately with water.
- Take care not to damage or deform the brake lines during removal and installation.
- To prevent the brake fluid from flowing, plug and cover the hose ends and joints with a shop towel or equivalent material.

### 3. Remove the HECU bracket mounting bolt and remove the HECU.

#### CAUTION

1. Never attempt to disassemble the HECU.
2. The HECU must be transported and stored in an upright position and with the ports sealed. The HECU must not be drained.



## INSTALLATION

1. Installation is the reverse of removal.
2. Tighten the HECU mounting bolts and brake tube nuts to the specified torque.

#### Tightening torque

HECU mounting bolt:

8~10 Nm (80~100 kg·cm, 5.9~7.3 lb·ft)

HECU bracket mounting bolt:

17~26 Nm (170~260 kg·cm, 12.5~19.1 lb·ft)

Brake tube nut:

13~17 Nm (130~170 kg·cm, 9.5~12.5 lb·ft)

## ABS OPERATION CHECK

### WHEEL SPEED SENSOR OUTPUT VOLTAGE CHECK

1. Raise the vehicle and release the parking brake.
2. Disconnect the HECU harness connector's and measure from the harness side connector.

#### CAUTION

Be sure to remove the connector's double lock and insert the probe into the harness side (back-probe). Inserting it into the terminal side may result in a bad connection.

3. Rotate the wheel to be measured approximately 1/2 to 1 rotation per second, and check the output voltage using a circuit tester or an oscilloscope.

Wheel speed sensor	Front left	Front right	Rear left	Rear right
Terminal	1	19	5	22
	2	20	6	23

**Output voltage:**

**When measuring with an oscilloscope :**

**130mV p-p or more**

