

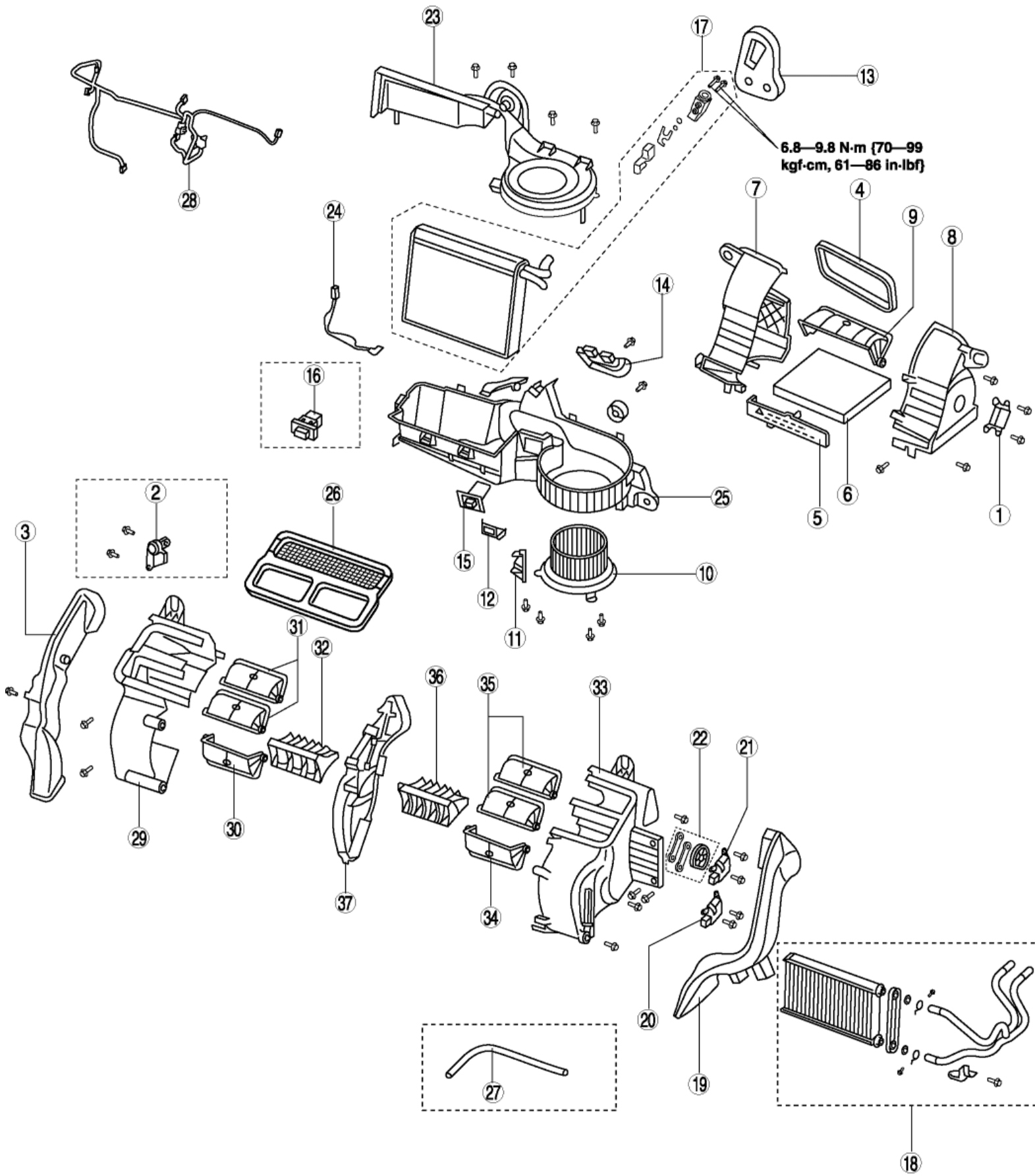
2012 - Mazda6 - HVAC

A/ C UNIT DISASSEMBLY/ ASSEMBLY

1. Disassemble in the order indicated in the table.

CAUTION:

- If a non-specified grease is used, it may result in abnormal noise or improper operation of the links. Apply only the specified grease to each link.
2. Assemble in the reverse order of disassembly.



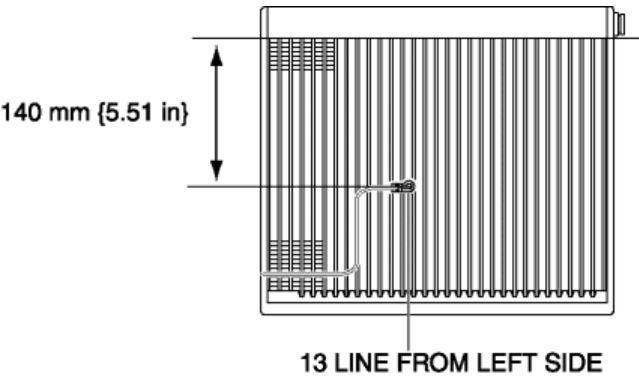
1 Air intake actuator

2	Driver's side air mix actuator (Full-auto air conditioner)
3	Side heat duct (LH)
4	Polyurethane form (1)
5	Air filter cover
6	Air filter
7	Blower case (1)
8	Blower case (2)
9	Air intake door
10	Blower motor
11	Bracket
12	Bracket
13	Polyurethane form (2)
14	Plate cover
15	Resistor (Manual air conditioner)
16	Front power MOS FET (Full-auto air conditioner)
17	Evaporator
18	Heater core (See Heater Pipe Removal Note.) (See Heater Pipe Installation Note.)
19	Side heat duct (RH)
20	Passenger's side air mix actuator (Full-auto air conditioner)
	Air mix actuator (Manual air conditioner)
21	Airflow mode actuator
22	Airflow mode link set
23	A/C case (1)
24	Evaporator temperature sensor (See Evaporator Temperature Sensor Assembly Note.)
25	A/C case (2)
26	Polyurethane form (3)
27	Air hose (Full-auto air conditioner)
28	Sub harness

29	A/C case (3)
30	Air mix door (LH)
31	Airflow mode door (LH)
32	Baffle (LH)
33	A/C case (4)
34	Air mix door (RH)
35	Airflow mode door (RH)
36	Baffle RH
37	Divider

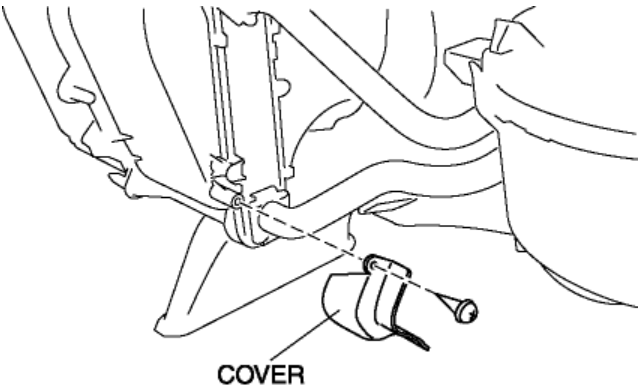
Evaporator Temperature Sensor Assembly Note

- 1. Assemble the evaporator temperature sensor as shown in the figure.

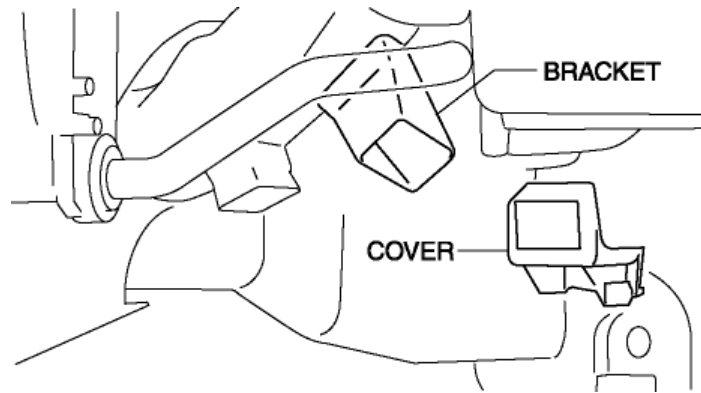


Heater Pipe Removal Note

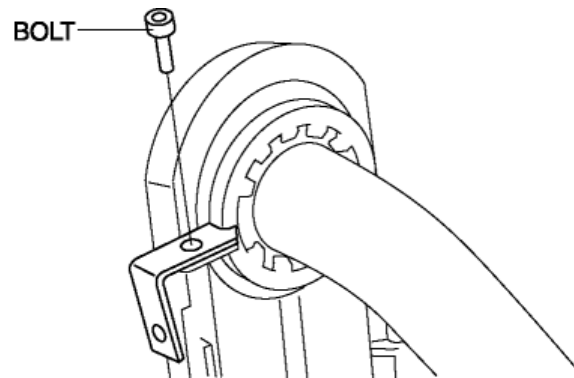
- 1. Remove the cover.



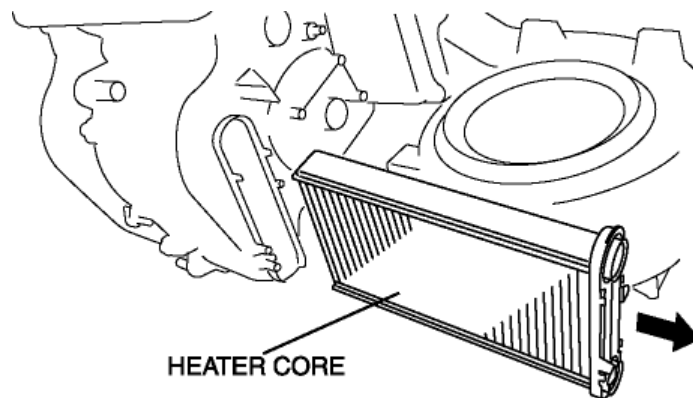
- 2. Remove the bracket and cover.



3. Remove the bolt and pull the heater pipe outward and remove it.

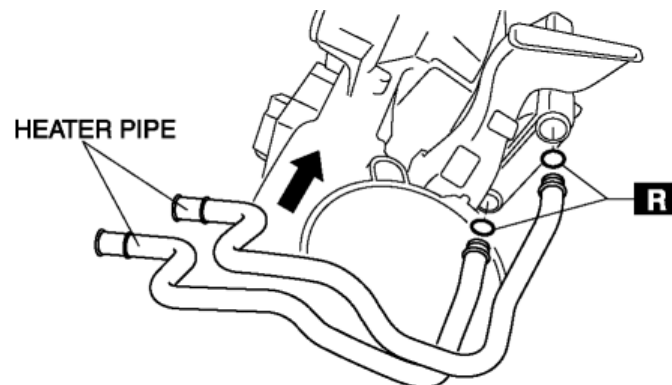


4. Remove the heater pipe and pull the heater core outward and remove it.

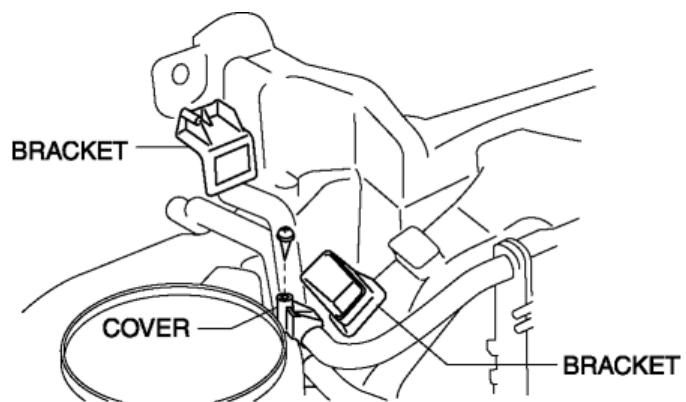


Heater Pipe Installation Note

1. Set assemble heater pipes as shown in the figure and then set it to the heater core.



2. Install the bracket and cover.



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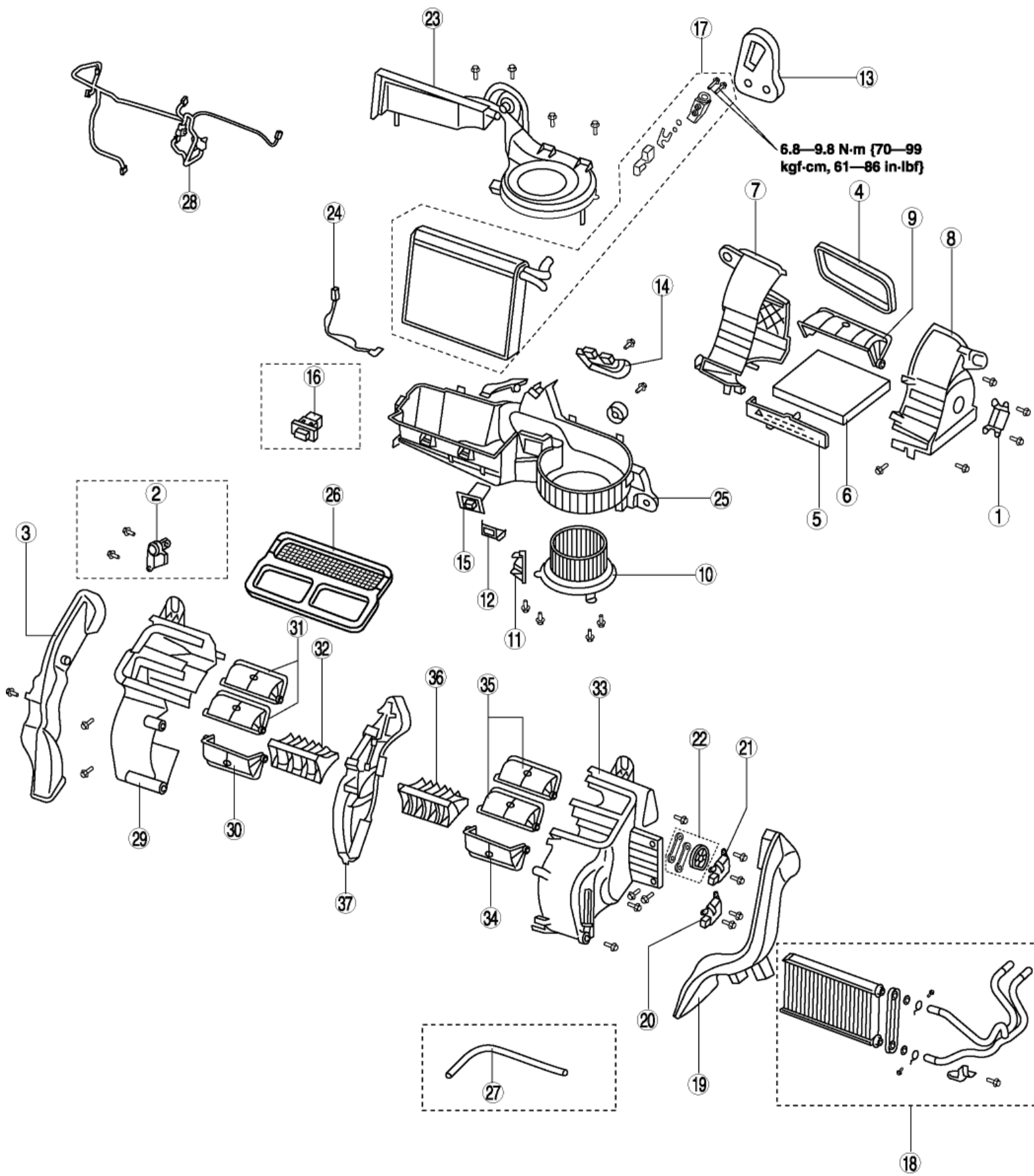
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A/ C UNIT DISASSEMBLY/ ASSEMBLY

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CAUTION:

- If a non-specified grease is used, it may result in abnormal noise or improper operation of the links. Apply only the specified grease to each link.
2. Assemble in the reverse order of disassembly.



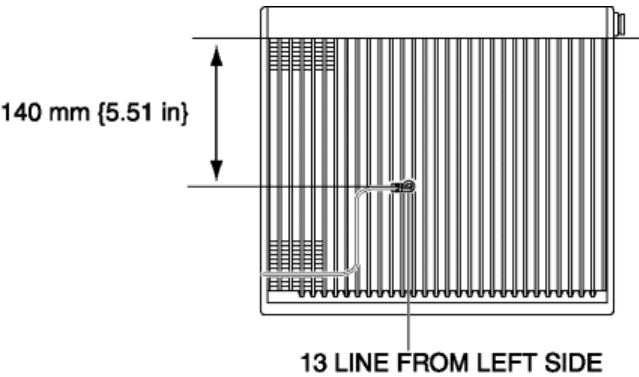
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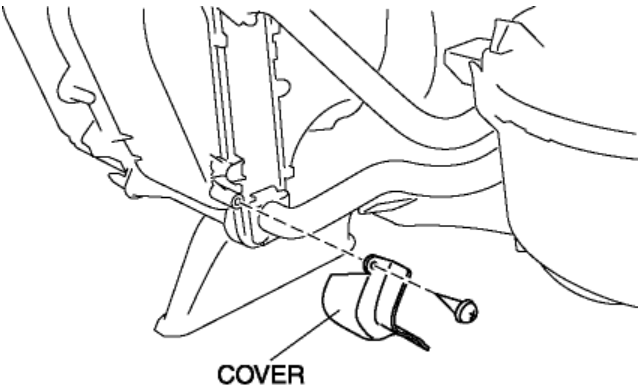
Evaporator Temperature Sensor Assembly Note

- 1. Assemble the evaporator temperature sensor as shown in the figure.

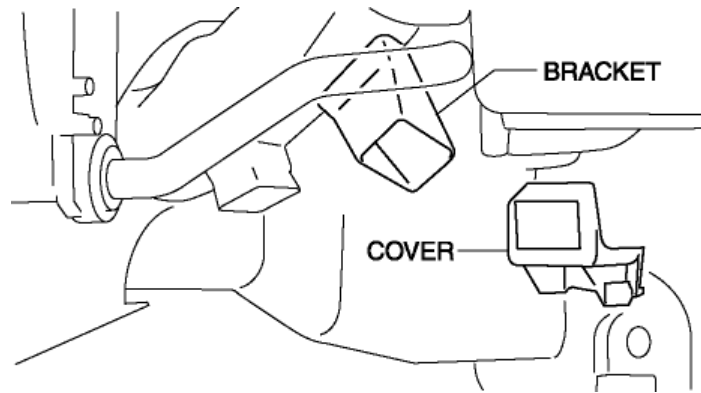


Heater Pipe Removal Note

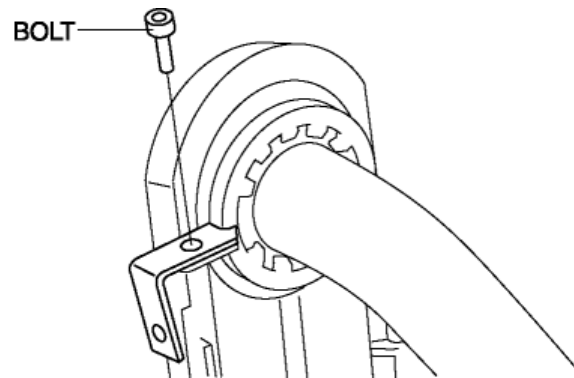
- 1. Remove the cover.



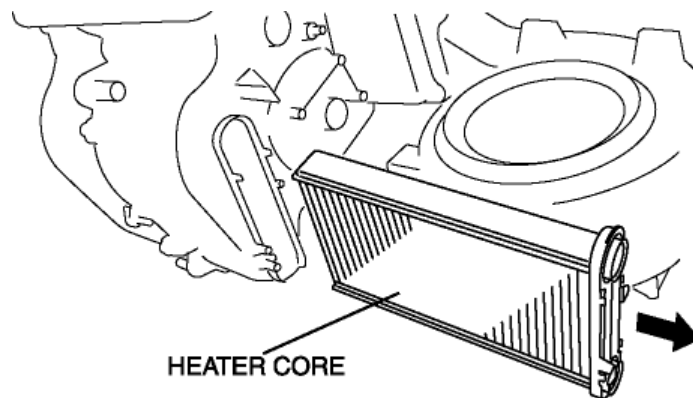
- 2. Remove the bracket and cover.



3. Remove the bolt and pull the heater pipe outward and remove it.

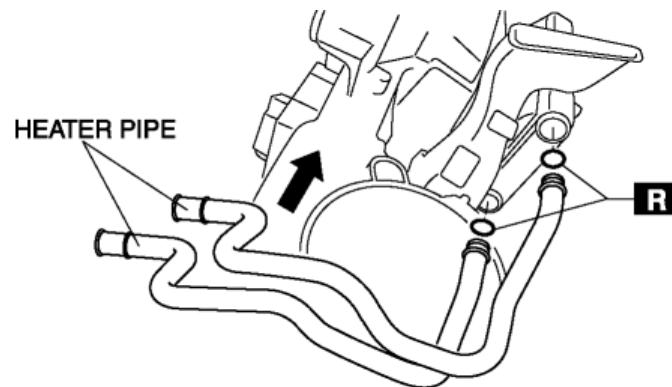


4. Remove the heater pipe and pull the heater core outward and remove it.

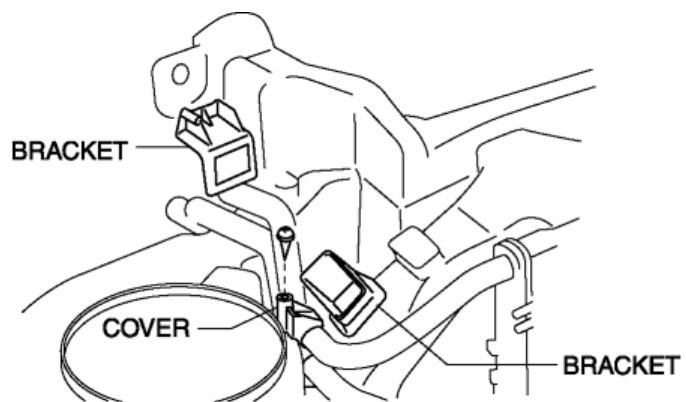


Heater Pipe Installation Note

1. Set assemble heater pipes as shown in the figure and then set it to the heater core.



2. Install the bracket and cover.



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