

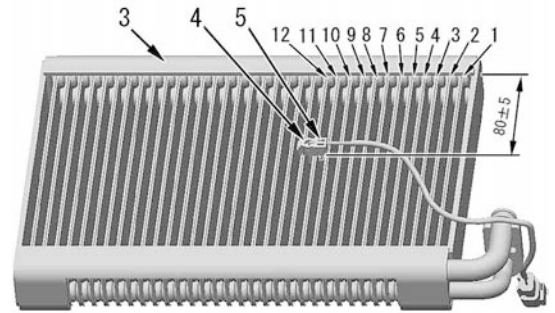
NOTICE

Precaution when replacing the evaporator temperature sensor (mounting position of evaporator temperature sensor)

Place the evaporator with its flange for inlet/outlet at right side. Install the evaporator temperature sensor with its end at 80 ± 5 mm below the top of the fin and at the center of the 12th fin from the right. (Insert center holder (5) in the 11th fin and fix it.)

NOTICE

If error is detected by the self-diagnosis and the evaporator temperature sensor is normal, either air conditioner controller or wiring harness is defective.



BPW18874

TEST RELAYS

⚠ Place the machine on a level ground, set parking brake switch to “PARK” position, stop the engine, and chock the tires.

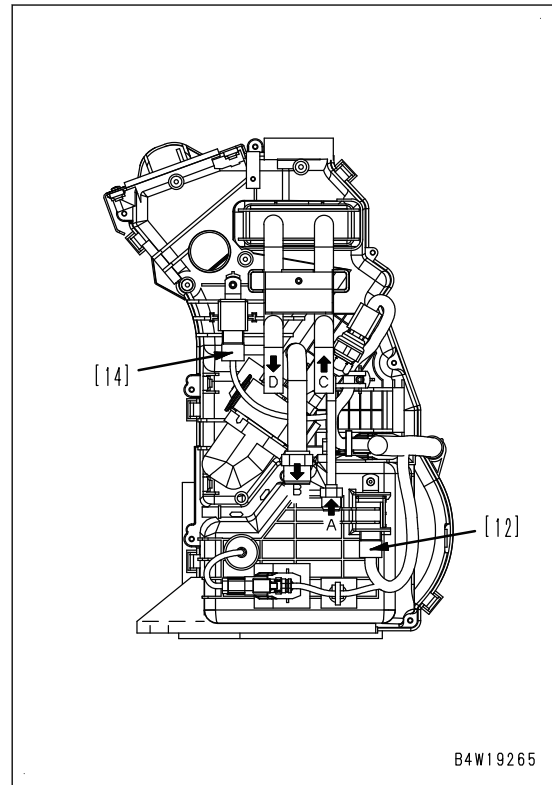
- Note the connector numbers and installed positions before disconnecting wiring harnesses and hoses.
- Listen closely to the relay to check whether it is defective or not.

There are 2 relays as follows.

- Blower OFF relay: ON/OFF of fan motor (connector [12])
- Compressor relay: ON/OFF of air conditioner compressor (clutch) (connector [14])

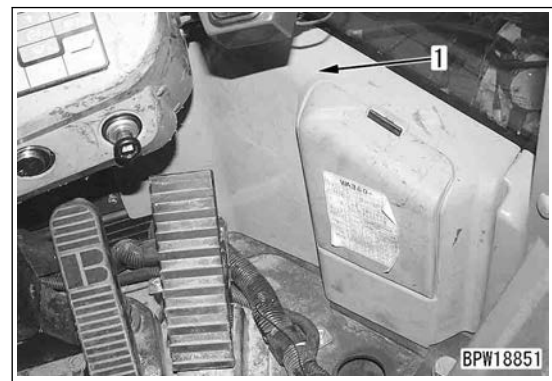
REMARK

To check blower OFF relay, hot water hose should be removed. Otherwise it cannot be checked.



METHOD FOR TESTING RELAYS

1. Remove cover (1).
2. Turn the starting switch to ON position (with the engine stopped), and turn the main switch of the air conditioner to ON. The blower OFF relay turns ON if the air conditioner is normal, and so check that its clicking sound is heard.



3. Start the engine and turn the air conditioner switch to ON position. The compressor relay turns ON if the air conditioner is normal, and so check that its clicking sound is heard.

- If the control panel is in the following conditions, the compressor relay does not turn ON.

- 1) When the evaporator temperature is 3 °C and below (by the evaporator temperature sensor)
- 2) When the pressure switch detects abnormality (relay is OFF)

- If the compressor relay sound is not heard because of the loud sound of the fan, perform as follows.

- 1) Turn the main switch of the air conditioner to OFF once, and turn the battery disconnect switch to OFF position.
- 2) Disconnect connector [12].

