



Si001160

# REMOVAL PROCEDURE



S E R V I C E M A N U A L

## 1.5/2.0/2.5/3.5 kW Class 9000/12000 Btu/h Class

-  Outdoor Unit
-  Inverter
-  Pair Type



# **Service Manual Removal Procedure**

## **Outdoor Unit**

### **Applicable Models**

#### **●Cooling Only**

**RKS09KEVJU  
RKS12KEVJU**

**RK15KVM4  
RK20KVM4**

**RK20KEVM**

#### **●Heat Pump**

**RXN09KEVJU  
RXN12KEVJU**

**RX25KEVM  
RX35KEVM**

**RXS235KC  
RXS235KCG  
RXS235KCP  
RXS235KCS**

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**Note:**

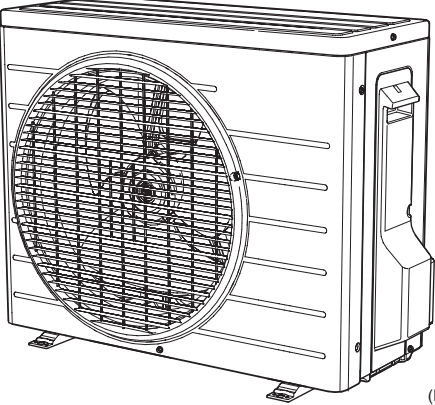
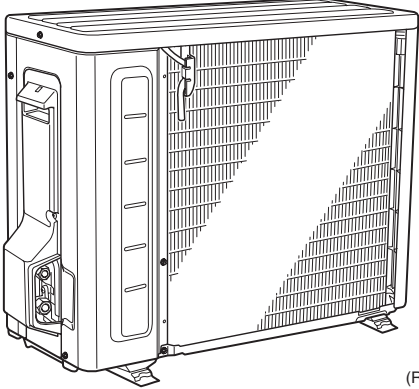
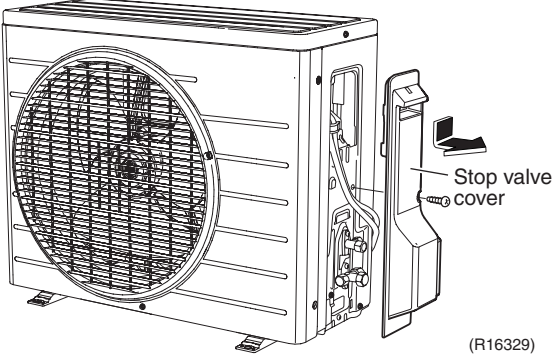
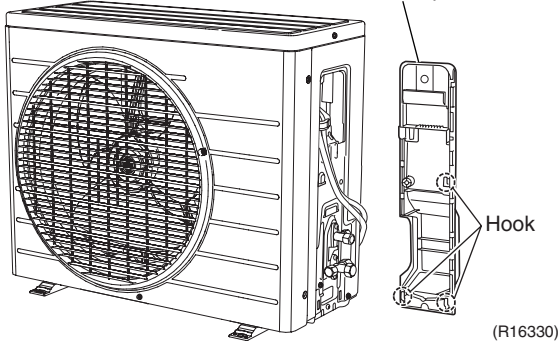
- ◆ The illustrations may be slightly different depending on the model.
- ◆ The illustrations are for heat pump models as representative.

# 1. Removal of Outer Panels (Pattern 1)

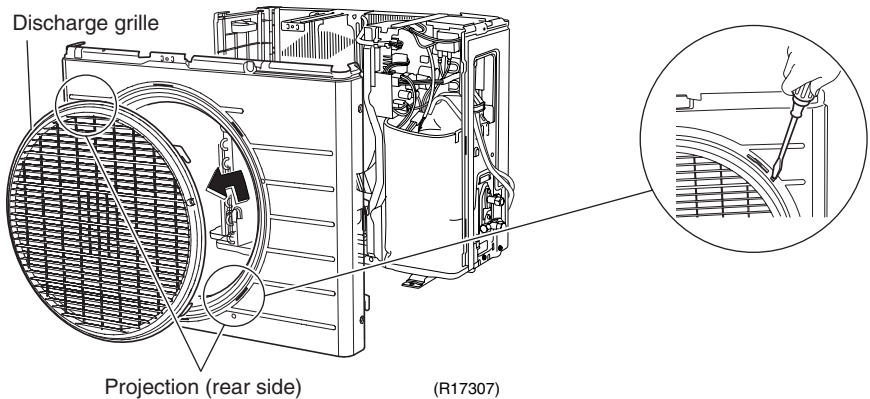
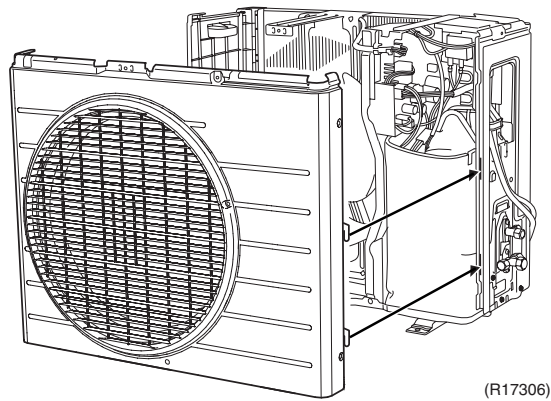
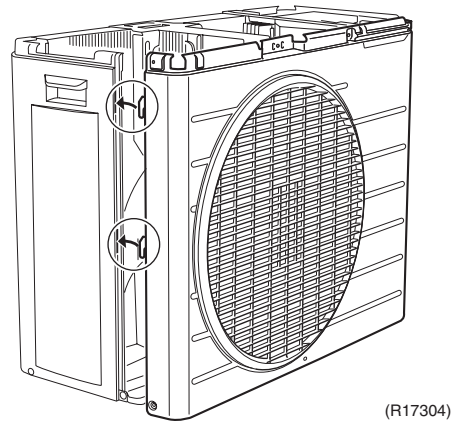
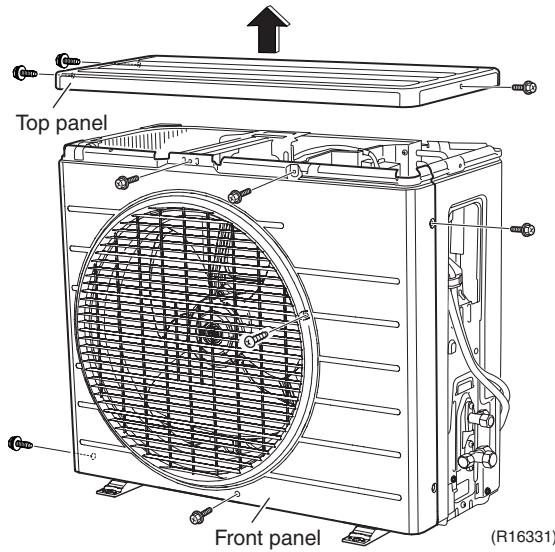
**Procedure**



**Warning** Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.

| Step  | Procedure   | Points  |
|---|---|---|
| <p>1. Appearance features</p>   |  <p>(R10742)</p>  <p>(R14768)</p>     | <ul style="list-style-type: none"> <li>■ Take care not to cut your finger by the fins of the outdoor heat exchanger.</li> </ul>                                       |
| <p>2. Remove the panels.</p> <p>1 Remove the screw of the stop valve cover. Pull down the stop valve cover and remove it.</p> |  <p>(R16329)</p>  <p>(R16330)</p> | <ul style="list-style-type: none"> <li>■ The stop valve cover is united with the shield plate.</li> <li>■ When reassembling, make sure to fit the 3 hooks.</li> </ul> |

| Step | Procedure   | Points |
|------|---|--------|
| 2    | Remove the 3 screws (right: 1 screw, left: 2 screws) and remove the top panel.  |        |
| 3    | Remove the 6 screws of the front panel.   |        |
| 4    | Lift up the left side and unfasten the hooks.   |        |
| 5    | Unfasten the right side hooks and remove the front panel.   |        |
| 6    | The discharge grille has 2 projections to prevent its rotation. Press the projection from the rear side and rotate the discharge grille to remove it. |        |

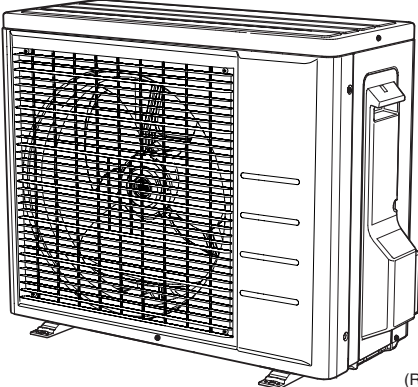
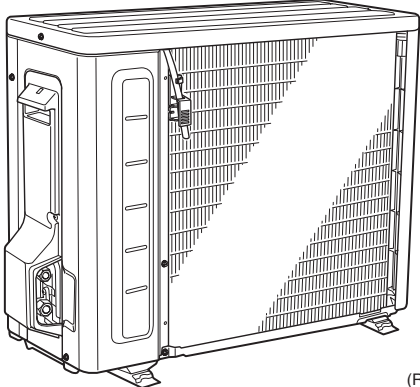
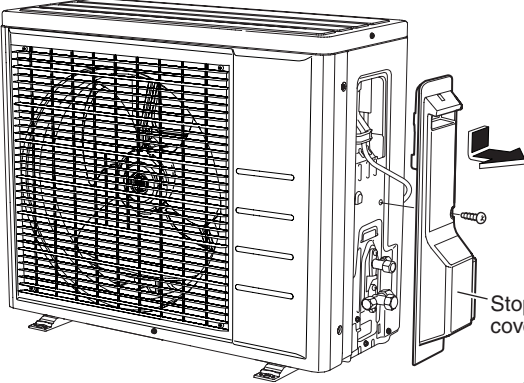
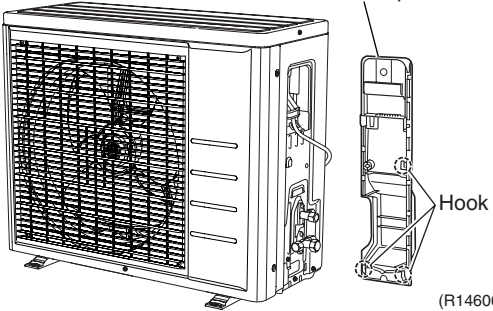


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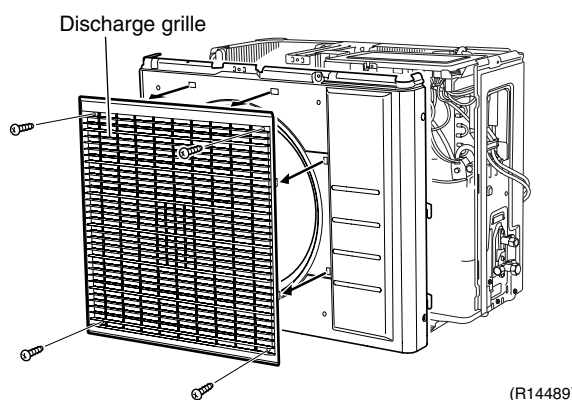
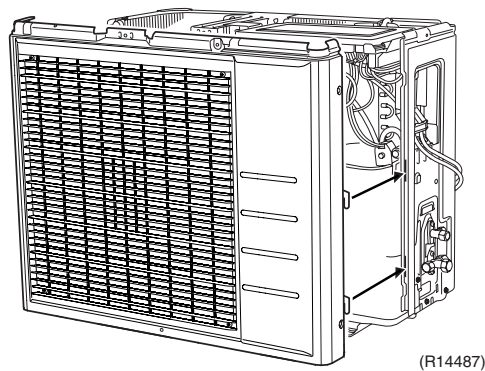
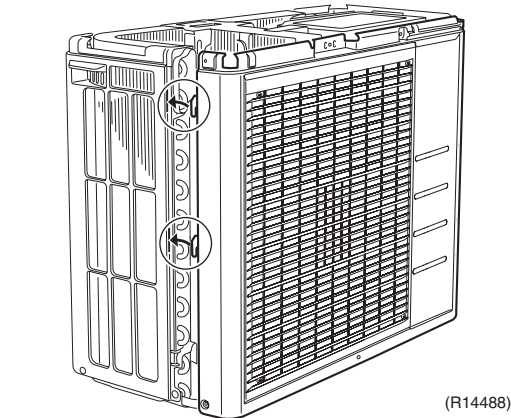
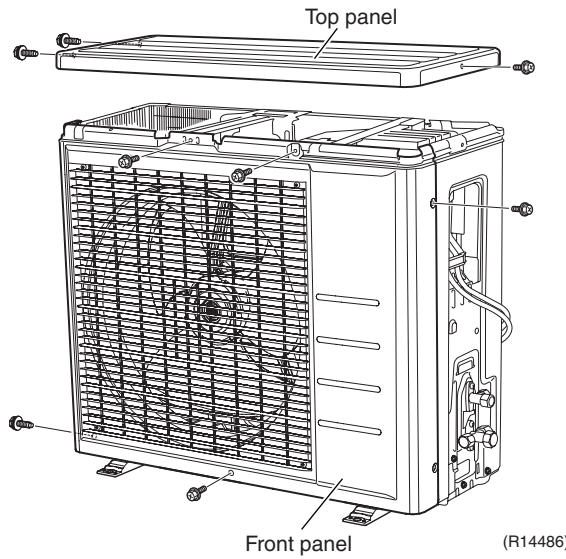
**Procedure**



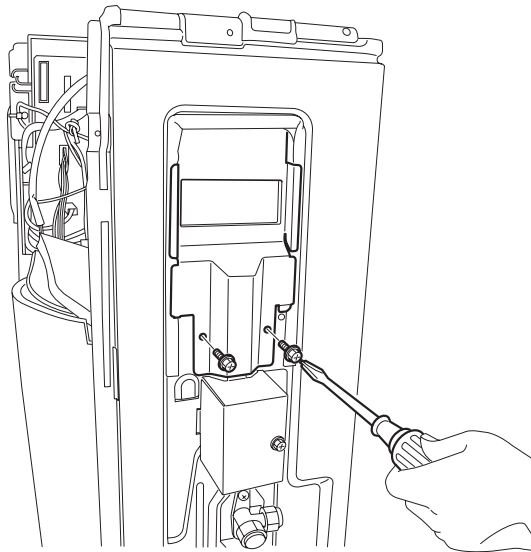
**Warning** Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.

| Step  | Procedure   | Points  |
|---|---|---|
| <p>1. Appearance features</p>   |  <p>(R10707)</p>  <p>(R14768)</p>  | <ul style="list-style-type: none"> <li>■ Take care not to cut your finger by the fins of the outdoor heat exchanger.</li> </ul>                                       |
| <p>2. Remove the panels.</p> <p>1 Remove the screw of the stop valve cover. Pull down the stop valve cover and remove it.</p> |  <p>(R10709)</p> <p>Stop valve cover</p>  <p>Shield plate</p> <p>Hook</p> <p>(R14606)</p> | <ul style="list-style-type: none"> <li>■ The stop valve cover is united with the shield plate.</li> <li>■ When reassembling, make sure to fit the 3 hooks.</li> </ul> |

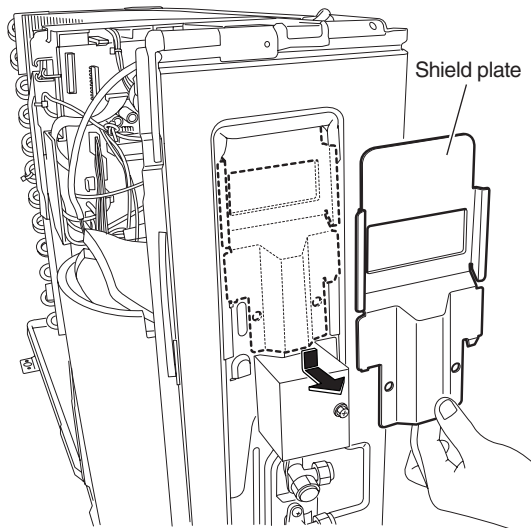
| Step | Procedure  | Points |
|------|--|--------|
| 2    | Remove the 3 screws (right: 1 screw, left: 2 screws) and remove the top panel. |        |
| 3    | Remove the 5 screws of the front panel.  |        |
| 4    | Lift up the left side and unfasten the hooks.                                  |        |
| 5    | Unfasten the right side hooks and remove the front panel.                      |        |
| 6    | Remove the 4 screws of the discharge grille.                                   |        |
| 7    | Unfasten the 6 hooks and remove the discharge grille.                          |        |



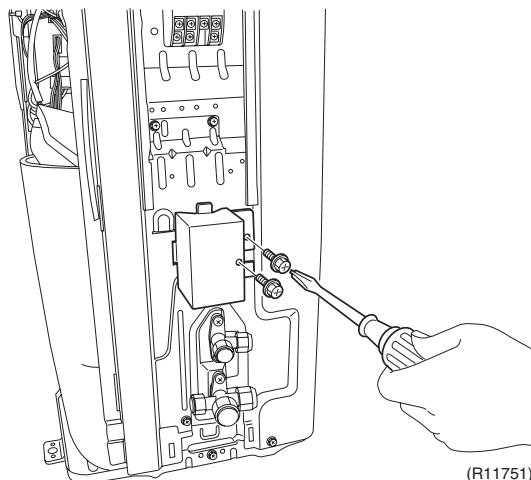
| Step | Procedure   | Points |
|------|---|--------|
| 3.   | Remove the shield plate and the conduit (The U.S. models only). |        |
| 1    | Remove the 2 screws.  |        |
| 2    | Remove the shield plate.  |        |
| 3    | Remove the 2 screws.  |        |



(R11749)

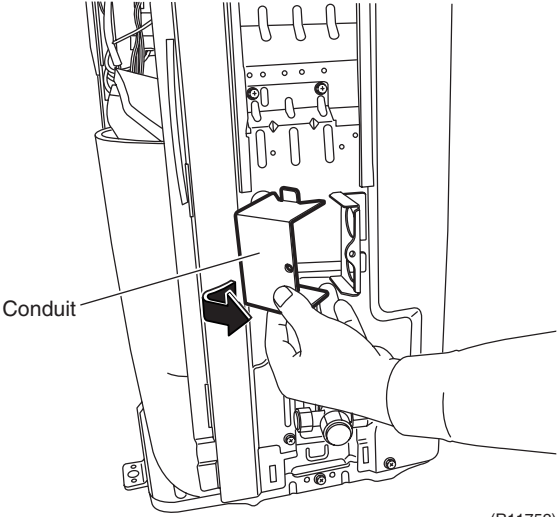
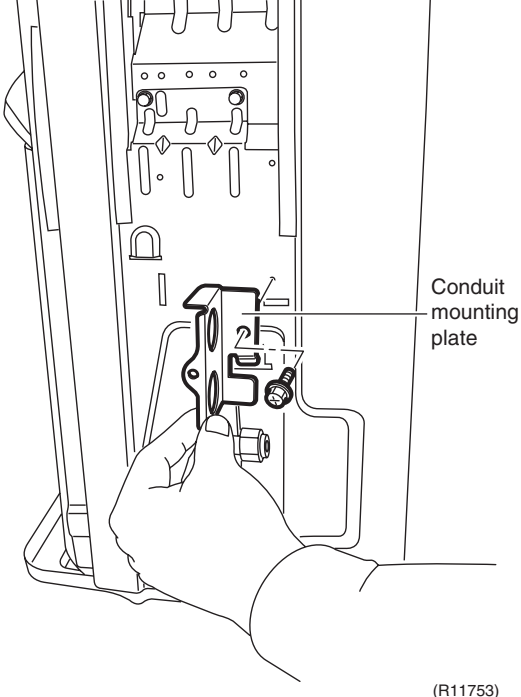


(R11750)



(R11751)

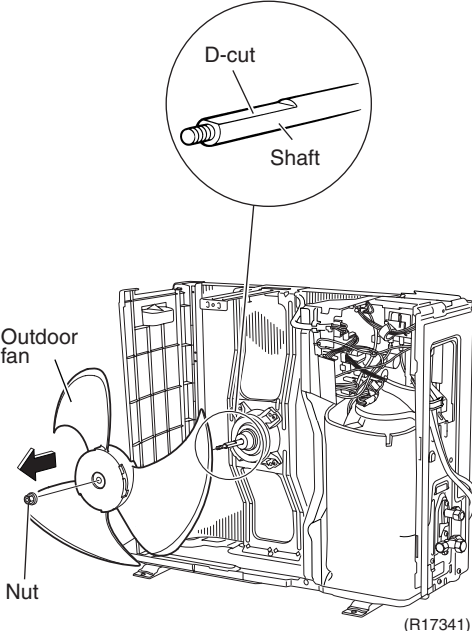
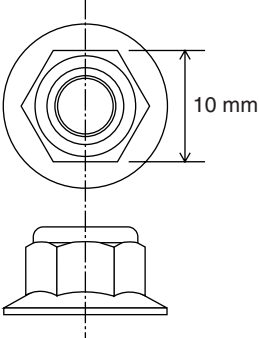
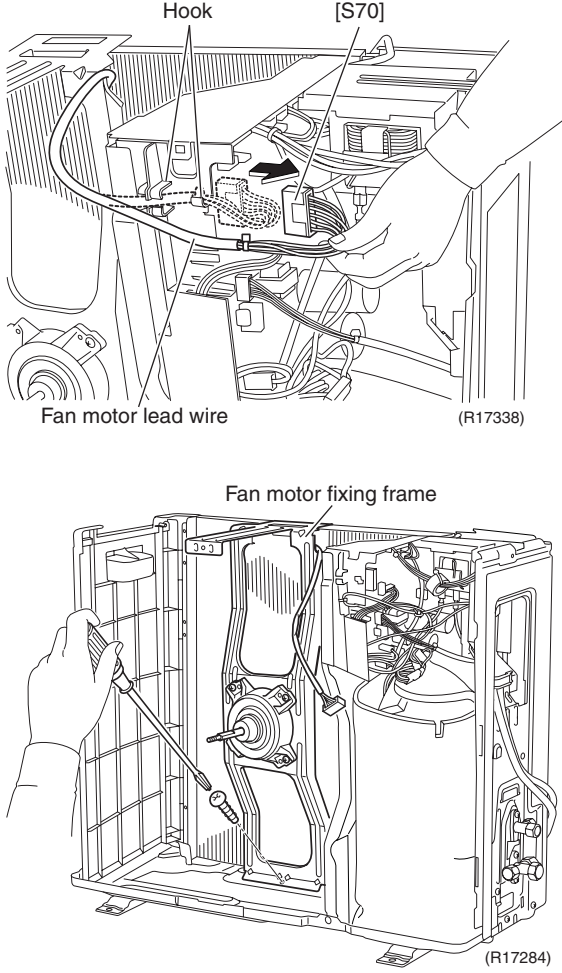
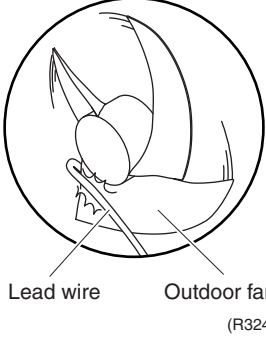


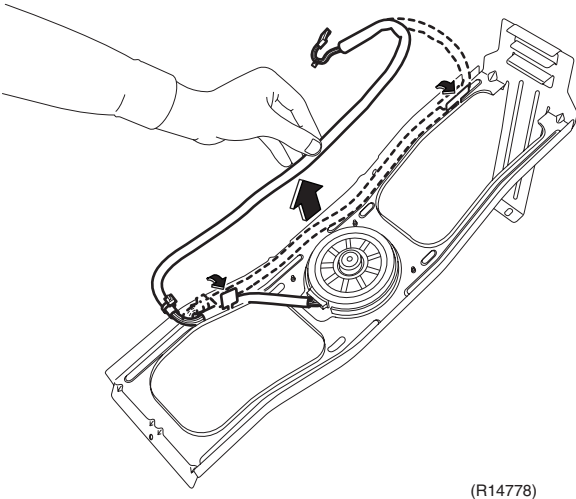
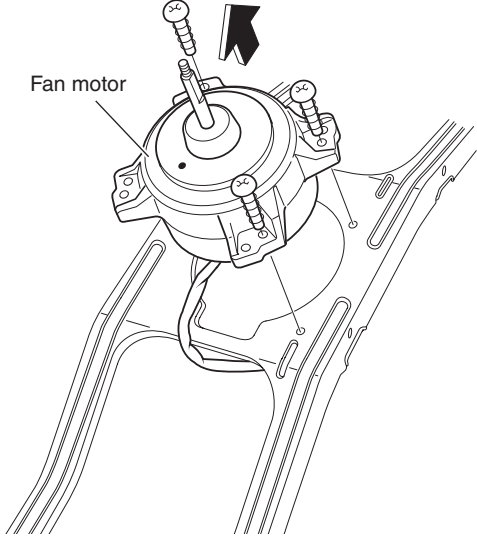
| Step | Procedure   | Points |
|------|---|--------|
| 4    | Remove the conduit.   |        |
|      |  <p>(R11752)</p>  |        |
| 5    | Remove the conduit mounting plate.  |        |
|      |  <p>(R11753)</p> |        |

### 3. Removal of Outdoor Fan / Fan Motor

**Procedure**

**Warning** Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.

| Step                       | Procedure   | Points   |
|----------------------------|---|--|
| 1. Remove the outdoor fan. | <p data-bbox="204 414 459 472">1 Remove the nut of the outdoor fan.</p> <p data-bbox="204 546 437 604">2 Remove the outdoor fan.</p>   | <p data-bbox="1098 376 1241 405"><b>Preparation</b></p> <ul style="list-style-type: none"> <li data-bbox="1098 412 1437 501">■ Remove the panels according to the "Removal of Outer Panels".</li> <li data-bbox="1098 508 1278 537">■ Nut size: M6</li> </ul>  <p data-bbox="1337 887 1406 904">(R12236)</p> <ul style="list-style-type: none"> <li data-bbox="1098 920 1453 1043">■ When reassembling, align the ▼ mark of the outdoor fan with the D-cut section of the motor shaft.</li> </ul> |
| 2. Remove the fan motor.   | <p data-bbox="204 1160 437 1256">1 Disconnect the connector for the fan motor [S70].</p> <p data-bbox="204 1361 453 1458">2 Release the fan motor lead wire from the hooks.</p> <p data-bbox="204 1608 469 1704">3 Remove the screw and remove the fan motor fixing frame.</p>  | <ul style="list-style-type: none"> <li data-bbox="1098 1608 1453 1765">■ When reassembling, put the fan motor lead wire through the back of the fan motor so as not to be entangled with the outdoor fan.</li> </ul>  <p data-bbox="1358 2101 1426 2119">(R3249)</p>  |

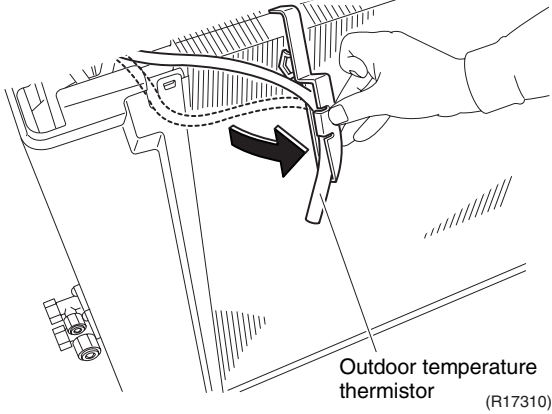
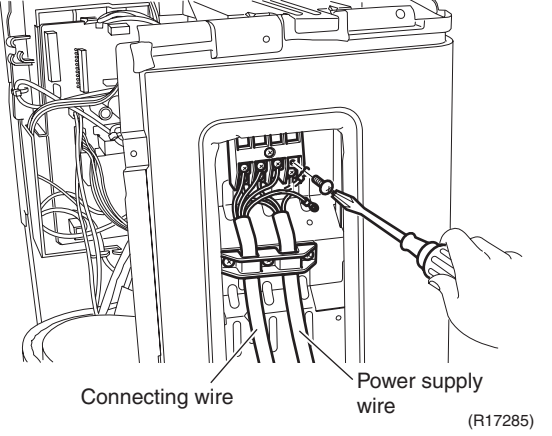
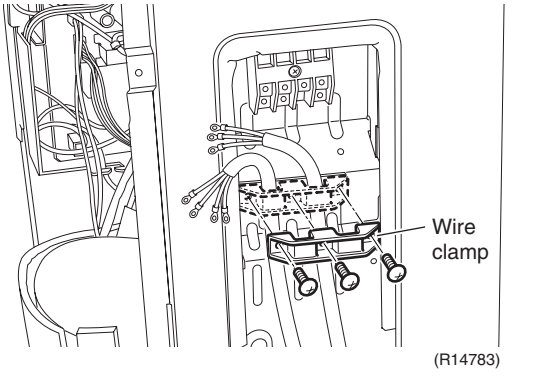
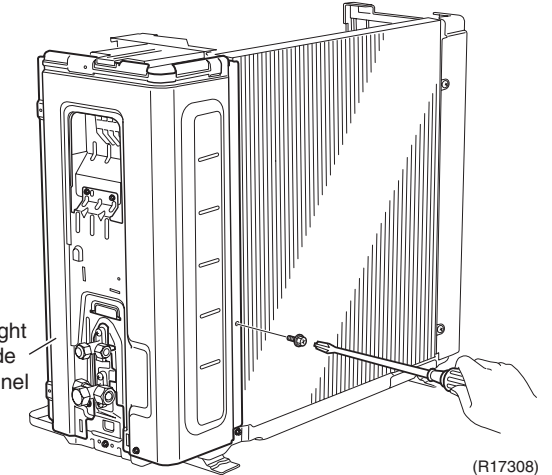
| Step | Procedure  | Points |
|------|--|--------|
| 4    | Release the fan motor lead wire from the hooks.  |        |
|      |  <p>(R14778)</p>                   |        |
| 5    | Remove the 3 screws to remove the fan motor.   |        |
|      |  <p>Fan motor</p> <p>(R14779)</p> |        |

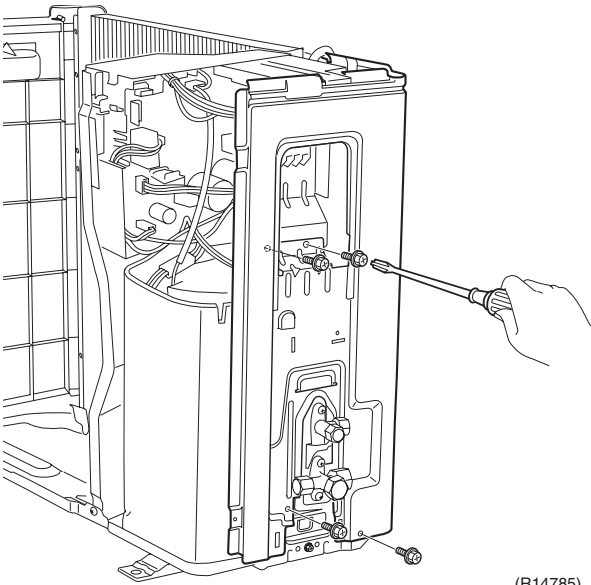
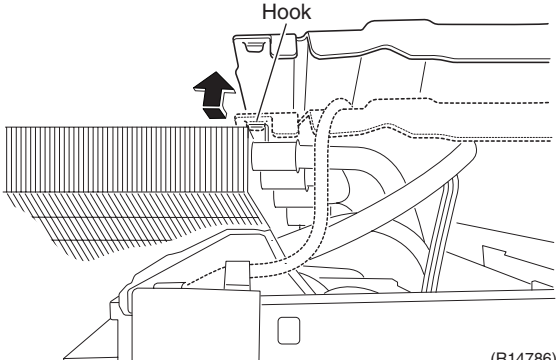
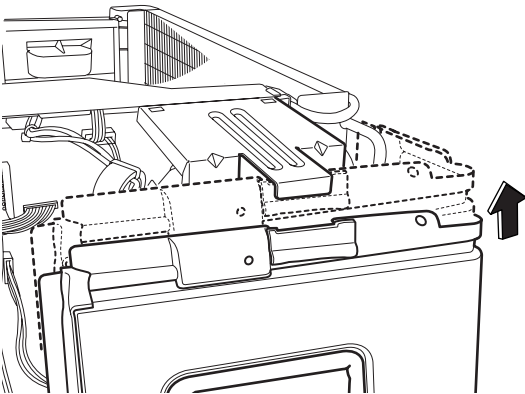
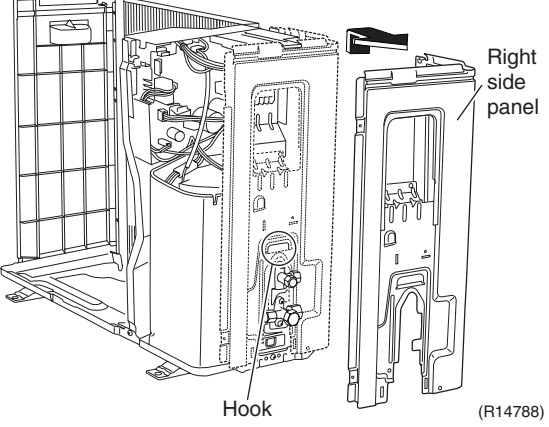
# 4. Removal of Electrical Box / PCBs

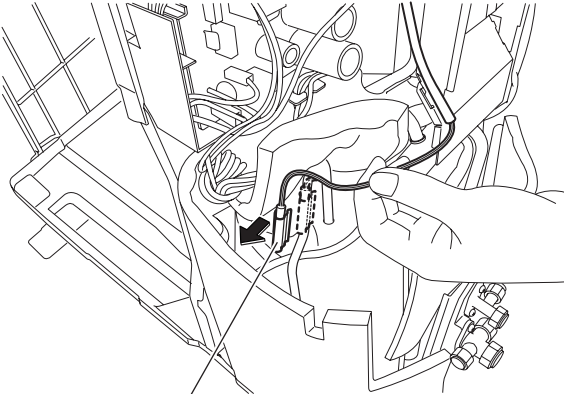
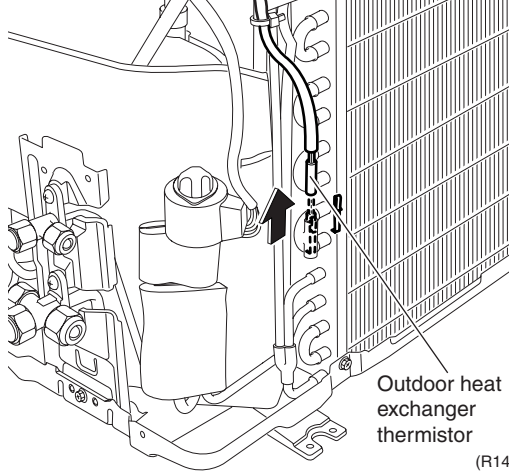
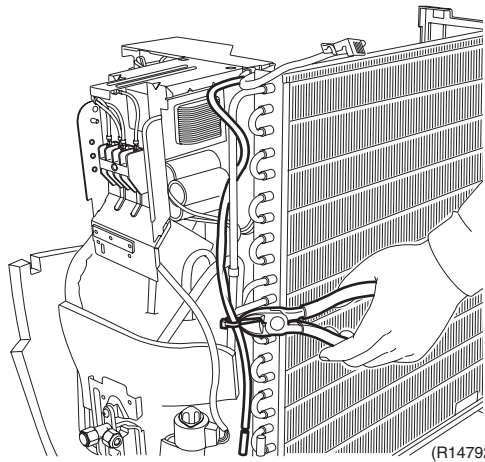
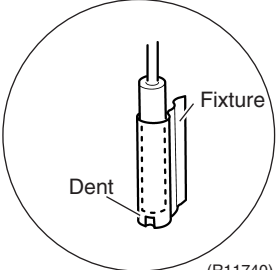
**Procedure**

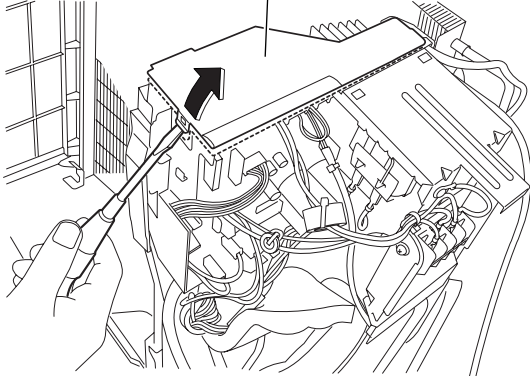
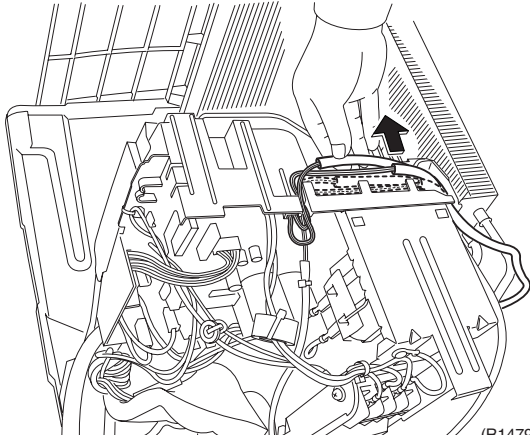
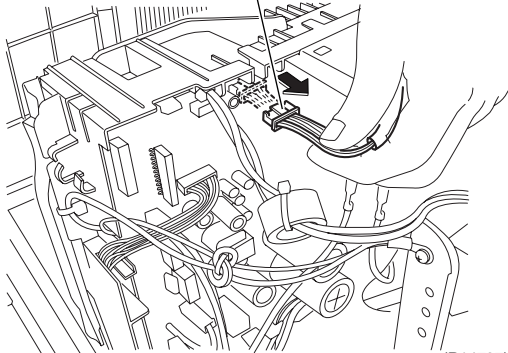
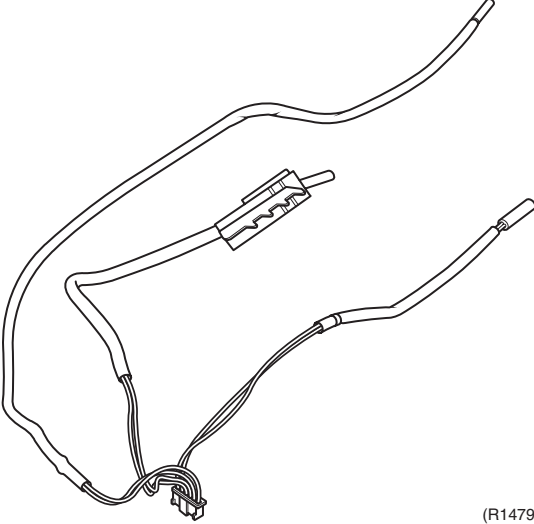


**Warning** Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.

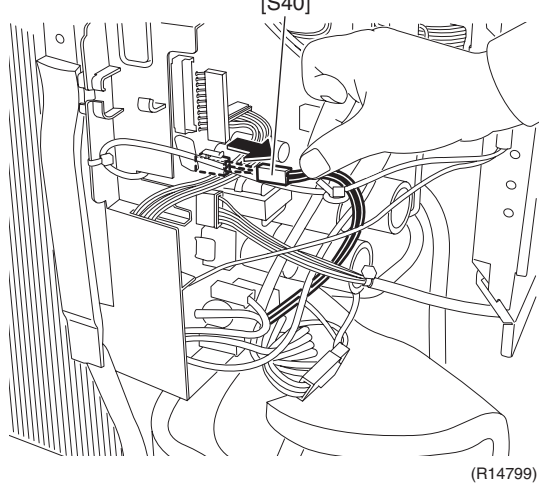
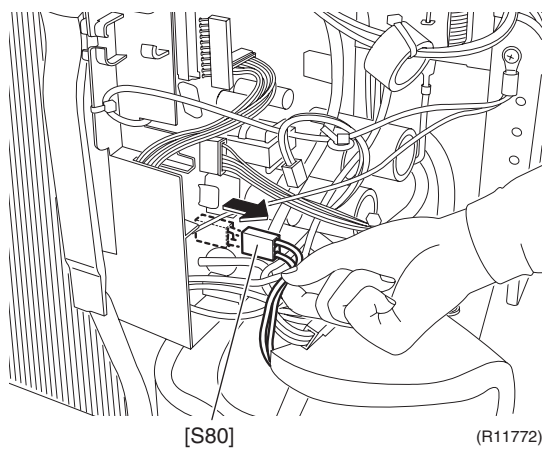
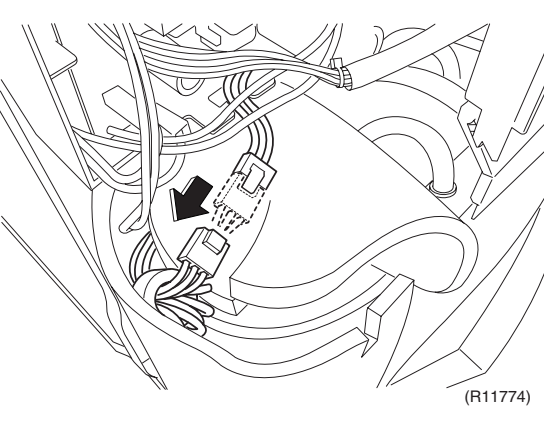
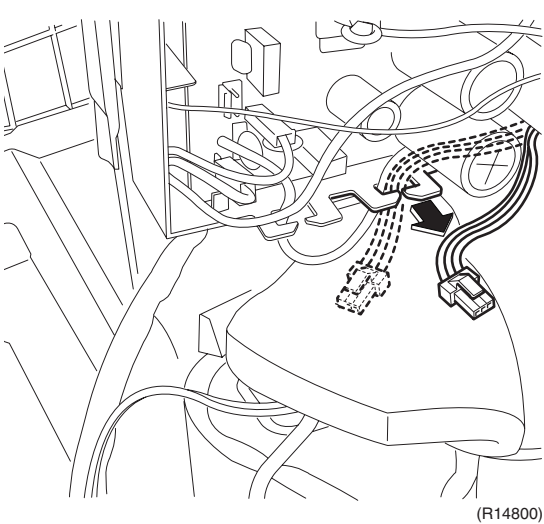
| Step   | Procedure   | Points  |
|--|---|---|
| 1. Remove the right side panel.  |  <p>Outdoor temperature thermistor (R17310)</p>     | <p><b>Preparation</b></p> <ul style="list-style-type: none"> <li>Remove the panels according to the "Removal of Outer Panels".</li> </ul> |
| 1 Release the outdoor temperature thermistor.                                  |  <p>Connecting wire Power supply wire (R17285)</p> |   |
| 2 Remove the screws and release the connecting wire and the power supply wire. |  <p>Wire clamp (R14783)</p>                       |   |
| 3 Remove the 3 screws and remove the wire clamp.                               |  <p>Right side panel (R17308)</p>                 |   |
| 4 Remove the screw on the rear side of the right side panel.                   |   |   |

| Step | Procedure   | Points   |
|------|---|--|
| 5    | <p>Remove the 4 screws on the right side panel.</p>  <p>(R14785)</p>  |  |
| 6    | <p>Unfasten the hook on the rear side.</p>  <p>Hook</p> <p>(R14786)</p>  | <p>■ When reassembling, make sure to fit the hook.</p> |
| 7    | <p>Unfasten the hook above the electrical box.</p>  <p>(R14787)</p>   |  |
| 8    | <p>Unfasten the hook, and remove the right side panel.</p>  <p>Right side panel</p> <p>Hook</p> <p>(R14788)</p> |  |

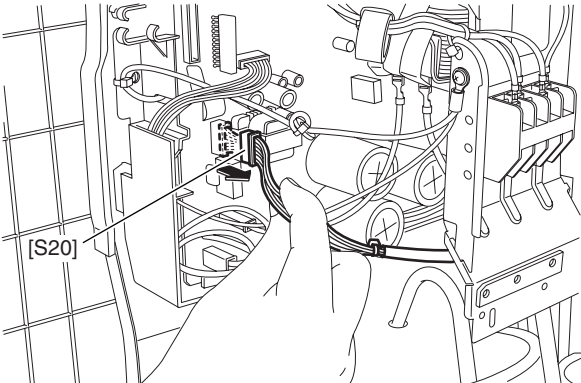
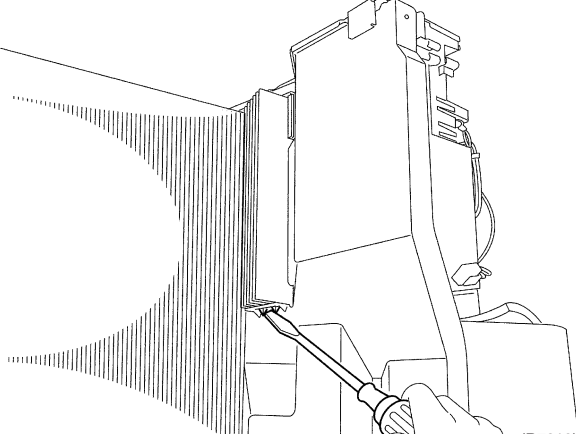
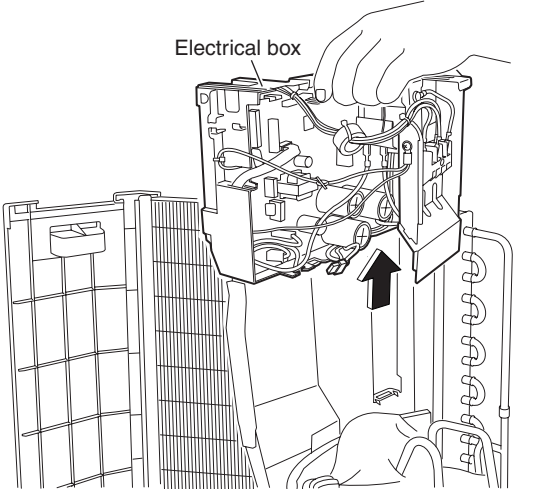
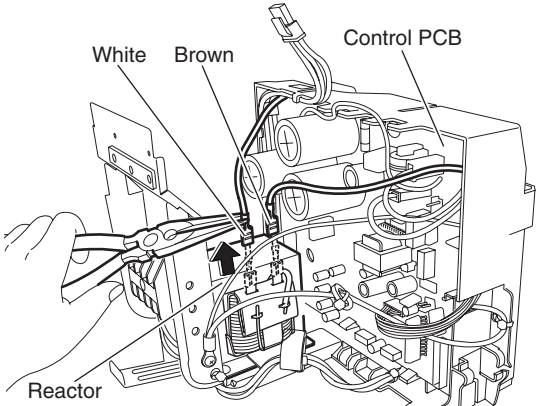
| Step  | Procedure   | Points   |
|---|---|--|
| <p>2. Remove the thermistors.</p> <p>1 Release the discharge pipe thermistor.</p> <p>2 Release the outdoor heat exchanger thermistor.</p> <p>3 Cut the clamp.</p> |  <p>Discharge pipe thermistor (R14789)</p>  <p>Outdoor heat exchanger thermistor (R14790)</p>  <p>(R14792)</p> | <ul style="list-style-type: none"> <li>■ Pay attention so as not to lose the fixture for thermistor.</li> <li>■ When reassembling, do not insert the thermistor up to the dent of fixture.</li> </ul>  <p>Dent Fixture (R11740)</p> |

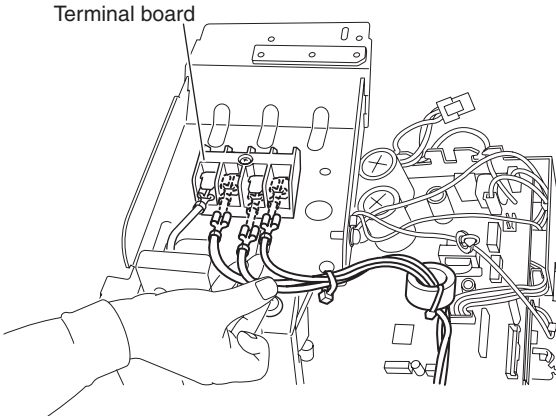
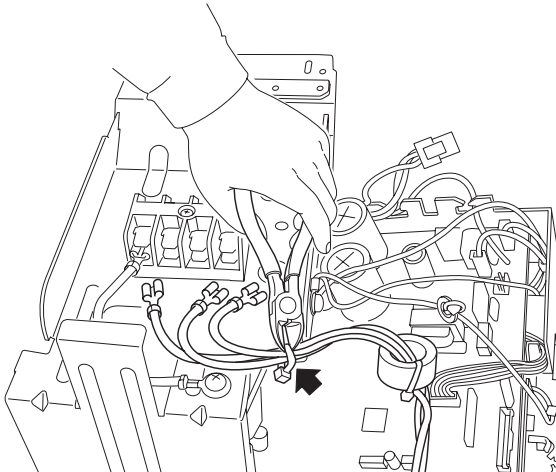
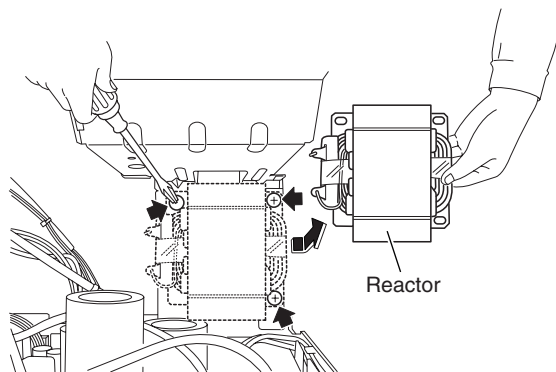
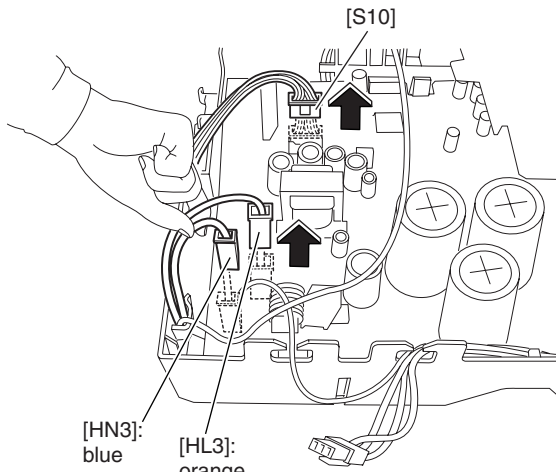
| Step | Procedure   | Points  |
|------|---|---|
| 4    | Lift the hook with a flat screwdriver, and remove the electronic components mounting plate. | <p data-bbox="603 226 970 253">Electronic components mounting plate</p>  <p data-bbox="994 651 1066 674">(R14795)</p> |
| 5    | Release the harnesses.  |  <p data-bbox="994 1111 1066 1133">(R14796)</p>  |
| 6    | Disconnect the connector for the thermistors [S90].   | <p data-bbox="751 1160 807 1187">[S90]</p>  <p data-bbox="970 1559 1042 1581">(R14797)</p>                          |
| 7    | Remove the thermistor ASSY.   |  <p data-bbox="994 2101 1066 2123">(R14798)</p>   |

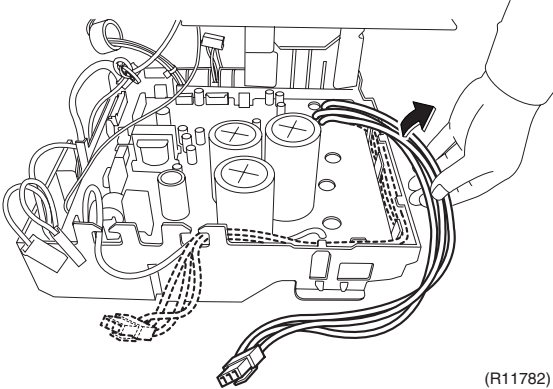
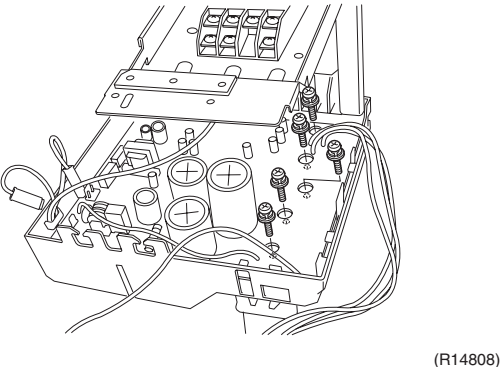
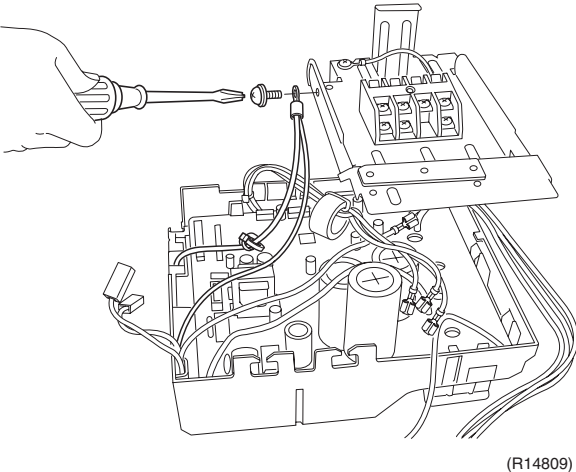
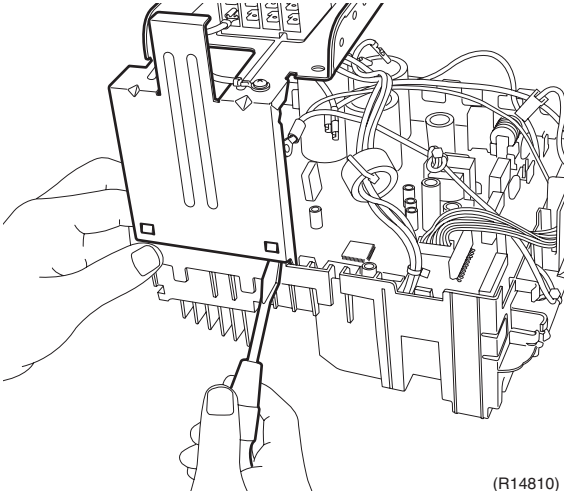
[S90]: outdoor temperature thermistor, outdoor heat exchanger thermistor, discharge pipe thermistor

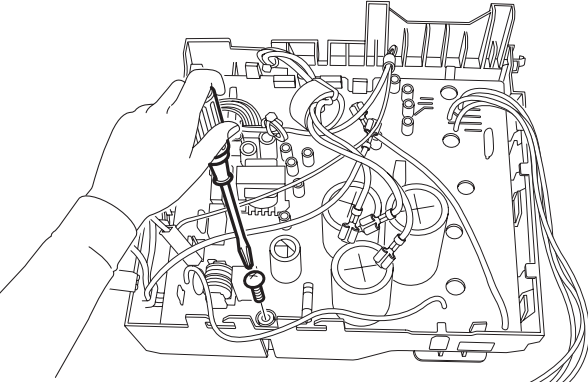
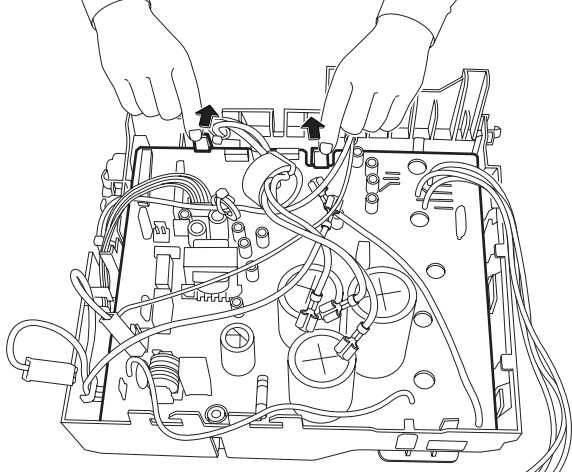
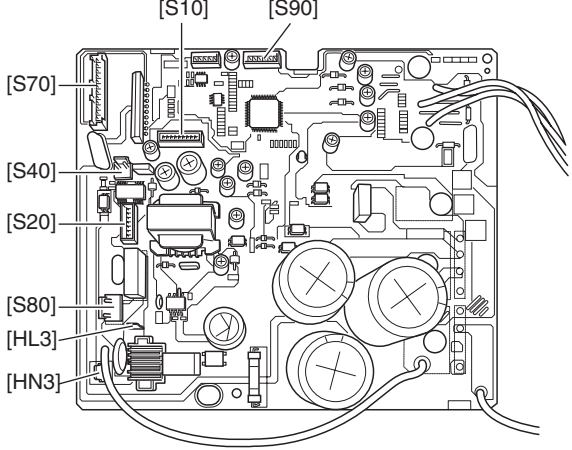
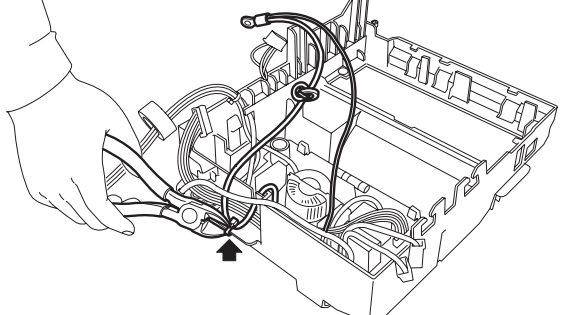
| Step                                 | Procedure  | Points |
|--------------------------------------|--|--------|
| <p>3. Remove the electrical box.</p> |  |        |
| <p>1</p>                             | <p>Disconnect the connector for the overload protector [S40].</p>  <p>(R14799)</p>   |        |
| <p>2</p>                             | <p>Disconnect the connector for the four way valve coil [S80].</p>  <p>(R11772)</p> |        |
| <p>3</p>                             | <p>Disconnect the relay connector for the compressor motor.</p>  <p>(R11774)</p>   |        |
| <p>4</p>                             | <p>Release the harnesses from the hook.</p>  <p>(R14800)</p>                       |        |



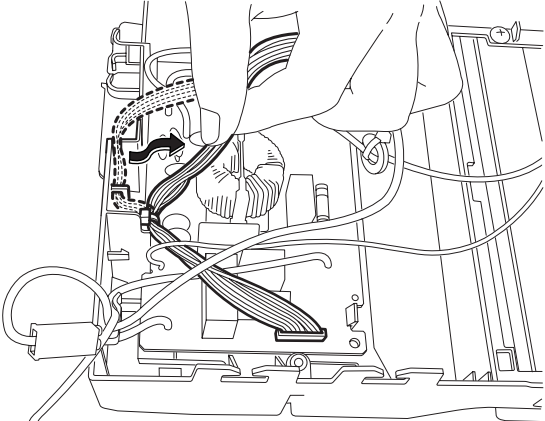
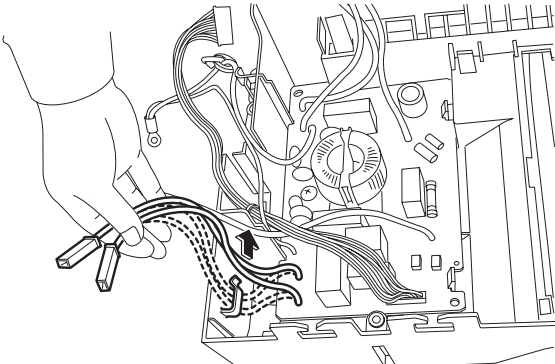
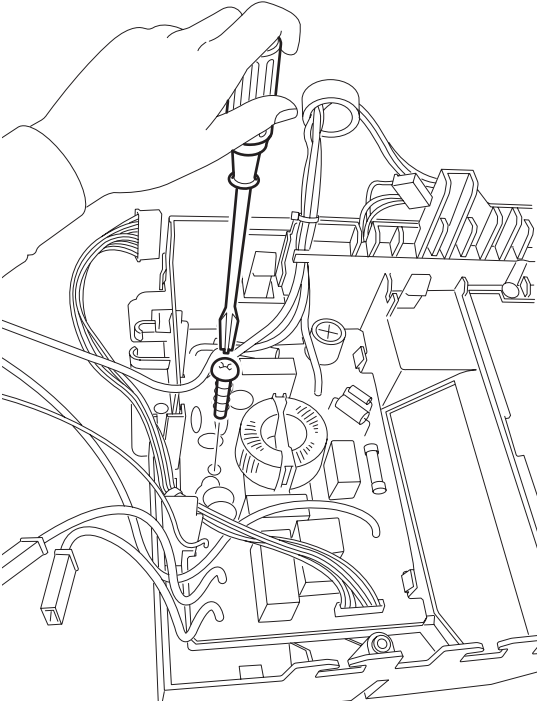
| Step   | Procedure  | Points  |
|--|--|---|
| <p>5 Disconnect the connector for the electronic expansion valve coil [S20].</p> <p>6 Unfasten the hook of the electrical box from the partition plate with a flat screwdriver.</p> <p>7 Lift and remove the electrical box.</p> |  <p>(R14801)</p>  <p>(R7318)</p>  <p>Electrical box</p> <p>(R14802)</p> | <p>■ The electrical box can be removed without a screwdriver.</p> |
| <p>4. Remove the control PCB.</p> <p>1 Disconnect the 2 terminals of the reactor.</p>  |  <p>White Brown Control PCB</p> <p>Reactor</p> <p>(R14803)</p>   |   |

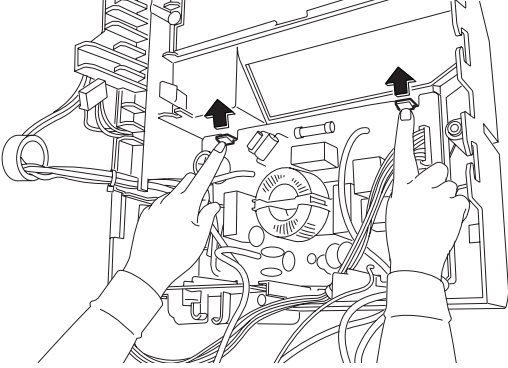
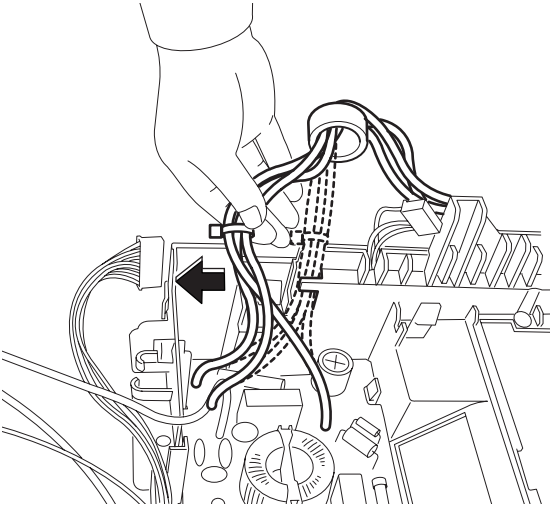
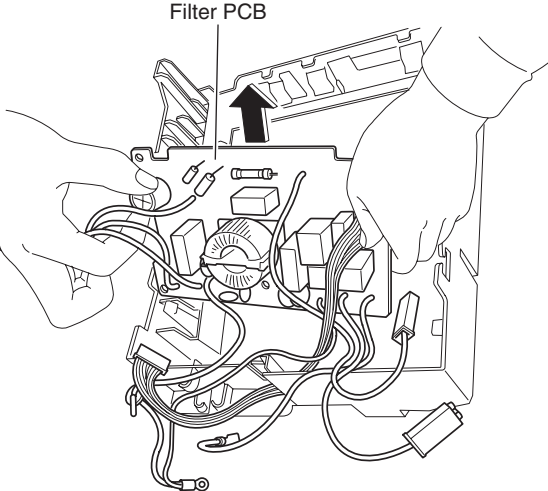
| Step | Procedure   | Procedure   | Points   |
|------|---|---|--|
| 2    | Pull out the terminals from the terminal board.                   |  <p>Terminal board</p> <p>(R14804)</p>                                  | <p>1: black, upper<br/>                 2: white, lower<br/>                 3: red, upper<br/>                 (⊥) : green, lower</p> |
| 3    | Cut the clamp.  |  <p>(R14805)</p>   |  |
| 4    | Remove the 3 screws and remove the reactor.                       |  <p>Reactor</p> <p>(R11777)</p>                                       |  |
| 5    | Disconnect the 3 connectors for the filter PCB [S10] [HN3] [HL3]. |  <p>[S10]</p> <p>[HN3]: blue</p> <p>[HL3]: orange</p> <p>(R17309)</p> |  |

| Step | Procedure  | Points |
|------|--|--------|
| 6    | Release the harnesses.   |        |
|      |    |        |
| 7    | Remove the 5 screws of the control PCB.  |        |
|      |   |        |
| 8    | Remove the screw of the earth wire.  |        |
|      |  |        |
| 9    | Remove the plate with a flat screwdriver.  |        |
|      |  |        |

| Step     | Procedure   | Points   |
|----------|---|--|
| 10       | Remove the screw.   |  <p>(R14811)</p>   |
| 11<br>12 | Unfasten the 2 hooks.<br>Lift and remove the control PCB. |  <p>(R14812)</p>  |
| 13       | Feature of the control PCB                                |  <p>(R11784)</p> |
| 5.       | Remove the filter PCB.                                    |  |
| 1        | Cut the clamp.  |  <p>(R14813)</p> |

- [S10] [HN3] [HL3]: filter PCB
- [S20]: electronic expansion valve coil
- [S40]: overload protector
- [S70]: fan motor
- [S80]: four way valve coil
- [S90]: thermistors

| Step | Procedure  | Points |
|------|--|--------|
| 2    | Release the harnesses from the hooks.  |        |
|      |  <p>(R14814)</p>   |        |
|      |  <p>(R14815)</p>  |        |
| 3    | Remove the screw.  |        |
|      |  <p>(R14816)</p> |        |

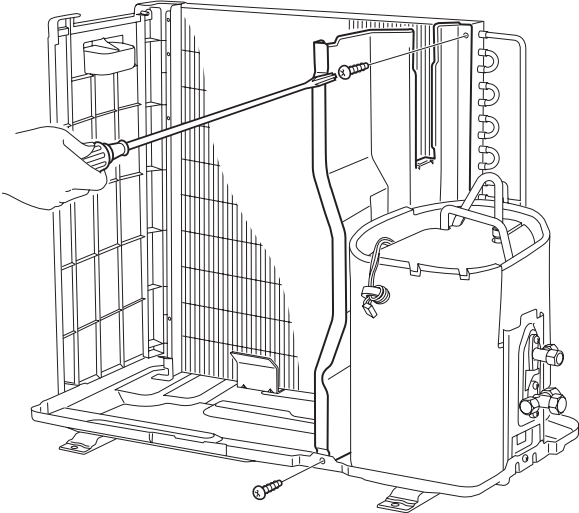
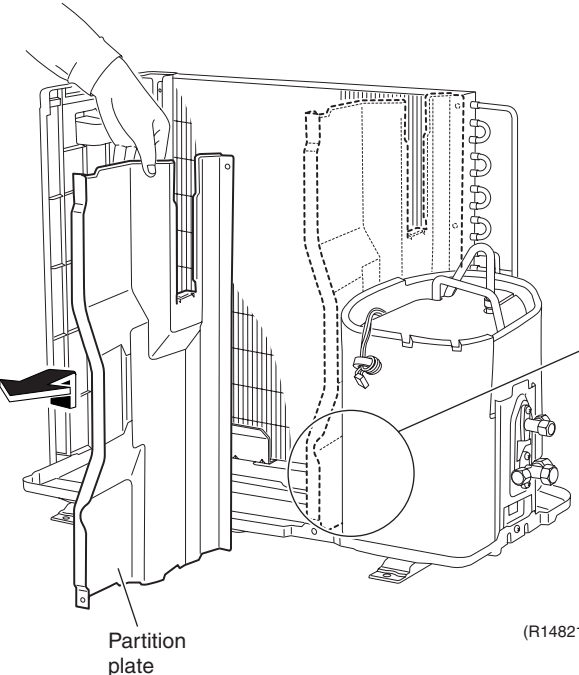
| Step | Procedure  | Points |
|------|--|--------|
| 4    | <p data-bbox="204 215 453 241">Unfasten the 2 hooks.</p>  <p data-bbox="963 633 1034 656">(R14817)</p>   |        |
| 5    | <p data-bbox="204 658 472 685">Release the harnesses.</p>  <p data-bbox="999 1205 1069 1227">(R14818)</p>   |        |
| 6    | <p data-bbox="204 1249 464 1276">Remove the filter PCB.</p>  <p data-bbox="679 1272 783 1294">Filter PCB</p> <p data-bbox="919 1771 989 1794">(R14819)</p> |        |

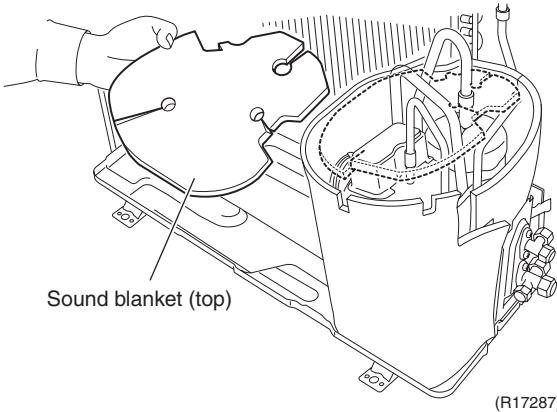
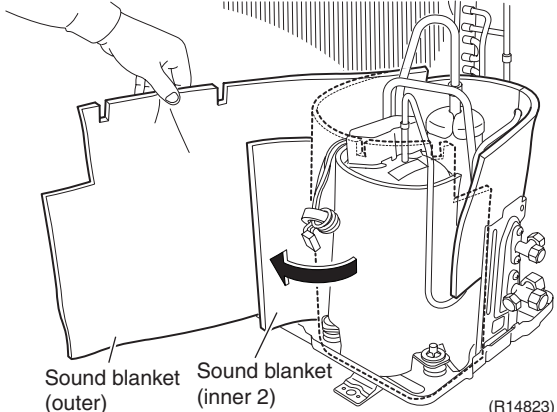
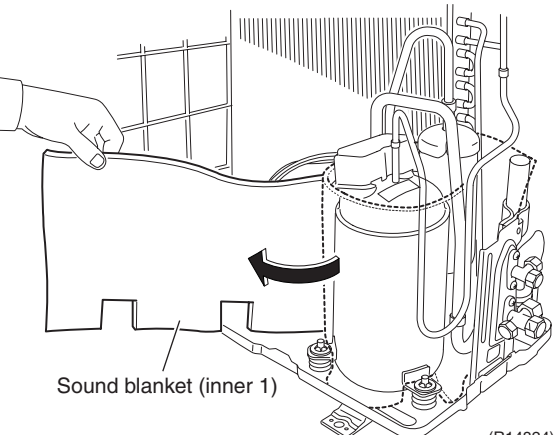
## 5. Removal of Sound Blankets

### Procedure



**Warning** Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.

| Step   | Procedure  | Points   |
|--|--|--|
| 1. Remove the partition plate.   |  <p>(R17286)</p>                                     | <ul style="list-style-type: none"> <li>Some models have 3 screws.</li> </ul>                                   |
| 1 Remove the 2 screws.   |  <p>Partition plate</p> <p>Hook</p> <p>(R14821)</p> | <ul style="list-style-type: none"> <li>When reassembling, fit the lower hook into the bottom frame.</li> </ul> |
| 2 The partition plate has a hook on the lower side. Lift and pull the partition plate and remove it. |  |  |

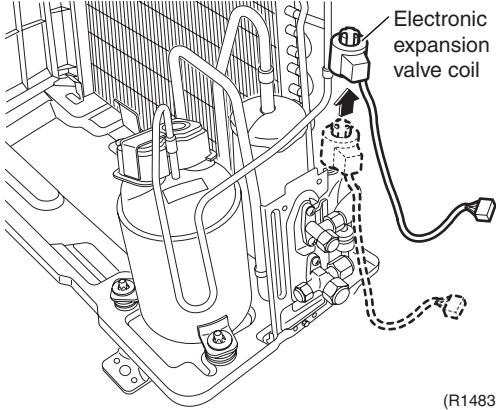
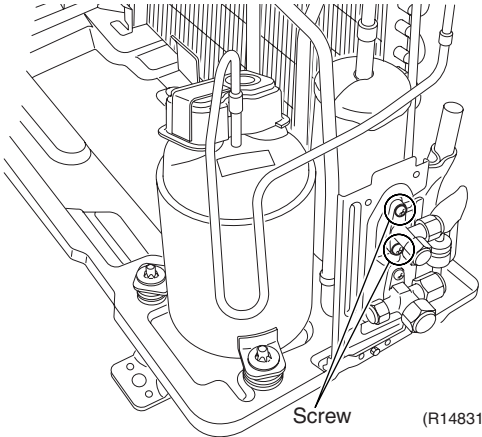
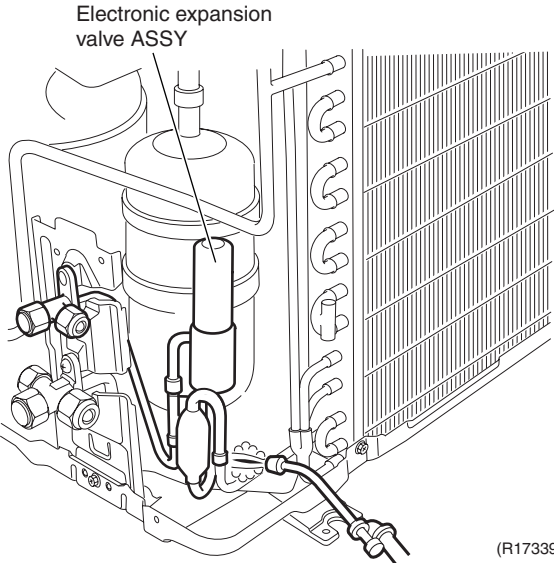
| Step   | Procedure  | Points   |
|--|--|--|
| 2. Remove the sound blankets.                      |  |  |
| 1 Lift and remove the sound blanket (top).         |    | <ul style="list-style-type: none"> <li>Since the piping ports on the sound blanket are torn easily, remove the blanket carefully.</li> </ul> |
| 2 Pull the sound blankets (outer and inner 2) out. |   | <ul style="list-style-type: none"> <li>Some models have no sound blanket (inner 2).</li> </ul>   |
| 3 Pull the sound blanket (inner 1) out.            |  |  |



# 6. Removal of Electronic Expansion Valve ASSY

**Procedure**

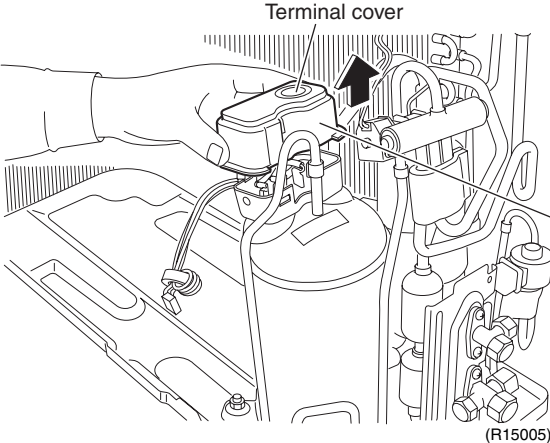
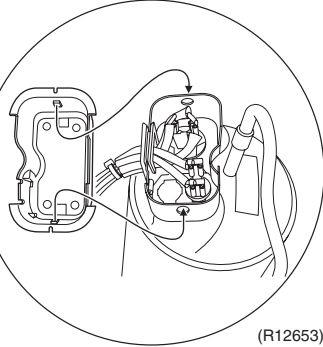
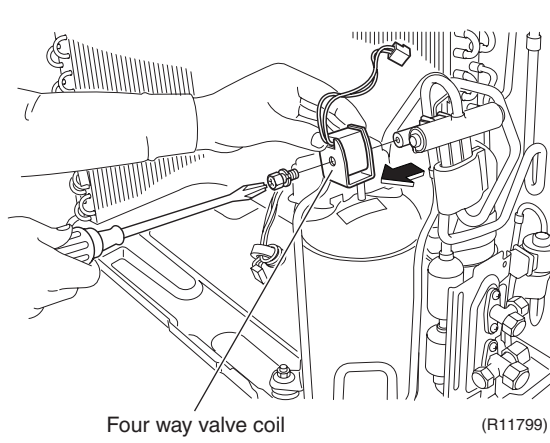
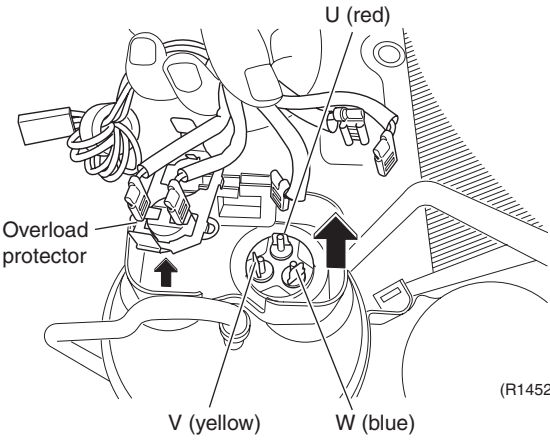
**Warning** Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.

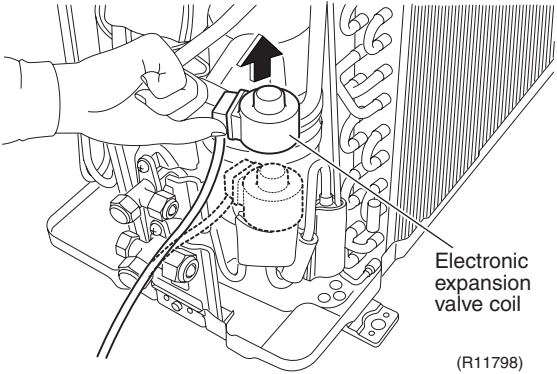
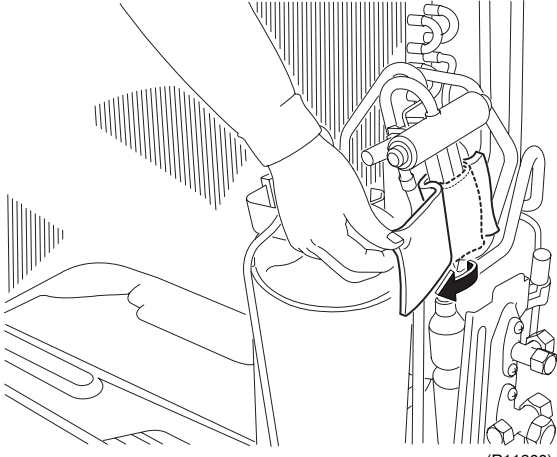
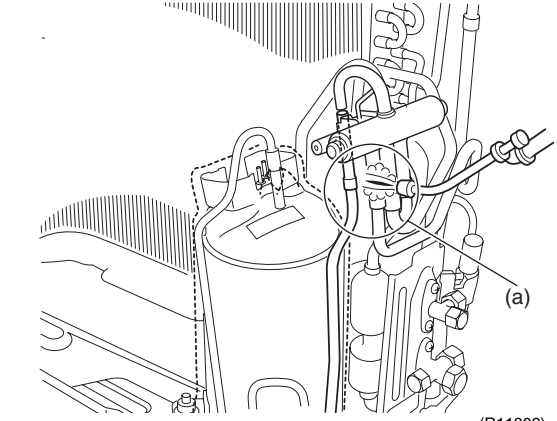
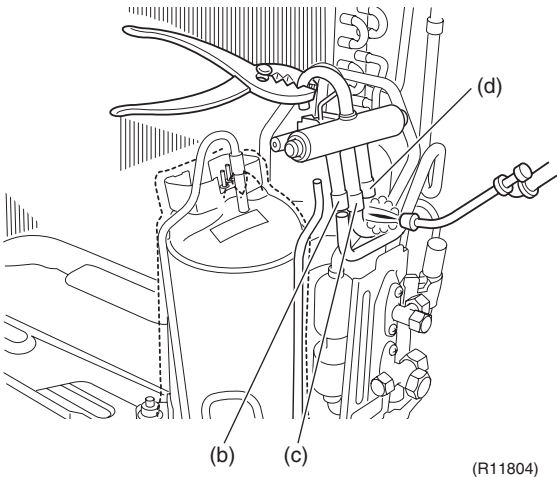
| Step  | Procedure                                     | Points   |
|---|---|--|
| 1   | Pull out the electronic expansion valve coil. |  <p>(R14830)</p>   |
| 2   | Remove the 2 screws.                          |  <p>(R14831)</p>  |
| <ul style="list-style-type: none"> <li>■ Before working, make sure that the refrigerant gas is empty in the circuit.</li> <li>■ Be sure to apply nitrogen replacement when heating up the brazed part.</li> </ul> |   | <p><b>Warning</b><br/>Be careful not to get yourself burnt with the pipes and other parts that are heated by the gas brazing machine.</p> <p><b>Warning</b><br/>If the refrigerant gas leaks during work, ventilate the room. (If the refrigerant gas is exposed to flames, toxic gas may be generated.)</p> <p><b>Caution</b><br/>Never remove the electronic expansion valve because it contains plastic parts. They may melt with heat and cause operation failure. Replace the whole assembly.</p> |
| 3   | Remove the putty and heat up the brazed part. |  <p>(R17339)</p>   |
| 4   | Remove the electronic expansion valve ASSY.   | <p><b>Caution</b><br/>Do not directly heat the electronic expansion valve. Wrap the electronic expansion valve with wet cloth and provide water so that the cloth does not dry. (Keep below 120°C.)</p> <p><b>Caution</b><br/>From the viewpoint of global environment protection, do not discharge the refrigerant gas in the atmosphere. Make sure to collect all the refrigerant gas.</p>   |

# 7. Removal of Four Way Valve

**Procedure**

**Warning** Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.

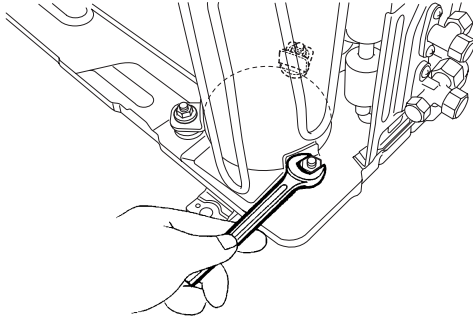
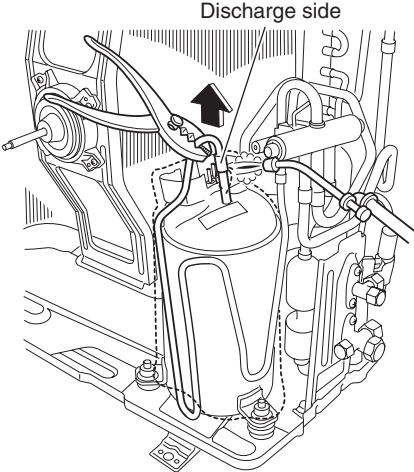
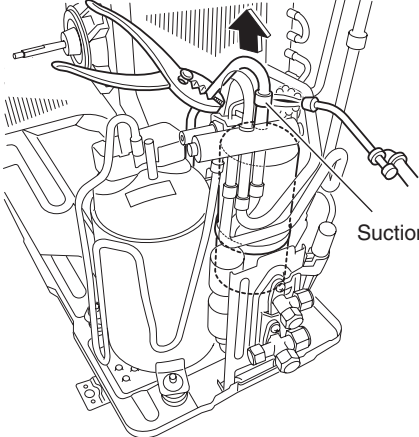
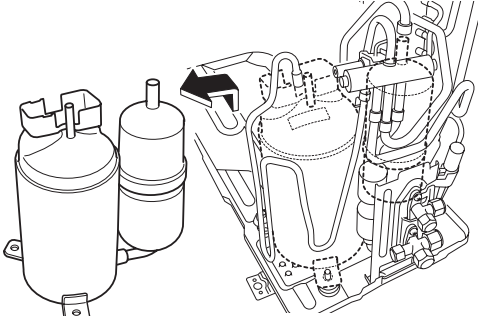
| Step   | Procedure  | Points  |
|--|--|---|
| 1. Remove the peripheries.                             |  |   |
| 1 Remove the terminal cover.                           |  <p>Terminal cover</p> <p>(R15005)</p>   | <p>■ There are 2 hooks at the inner side of the terminal cover.</p>  <p>(R12653)</p> |
| 2 Remove the screw and remove the four way valve coil. |  <p>Four way valve coil</p> <p>(R11799)</p>   |   |
| 3 Disconnect the terminals of the compressor.          |  |   |
| 4 Remove the overload protector.                       |  <p>U (red)</p> <p>Overload protector</p> <p>V (yellow) W (blue)</p> <p>(R14529)</p> |   |

| Step   | Procedure  | Points  |
|--|--|---|
| 5  | Pull out the electronic expansion valve coil.                                      |  <p style="text-align: right;">(R11798)</p>   |
| 6  | Remove the putty.  |  <p style="text-align: right;">(R11800)</p>  |
| <ul style="list-style-type: none"> <li>■ Before working, make sure that the refrigerant gas is empty in the circuit.</li> <li>■ Be sure to apply nitrogen replacement when heating up the brazed part.</li> </ul>  |  | <p><b>Warning</b><br/>Be careful not to get yourself burnt with the pipes and other parts that are heated by the gas brazing machine.</p> <p><b>Warning</b><br/>If the refrigerant gas leaks during work, ventilate the room. (If the refrigerant gas is exposed to flames, toxic gas may be generated.)</p> <p><b>Caution</b><br/>From the viewpoint of global environment protection, do not discharge the refrigerant gas in the atmosphere. Make sure to collect all the refrigerant gas.</p>   |
| 2.   | Remove the four way valve.   |   |
| 1  | Heat up the brazed point (a) and withdraw the piping with pliers.                  |  <p style="text-align: right;">(R11802)</p>   |
| 2  | Heat up the 3 brazed points of the four way valve. Disconnect the point (b) first. |   |
| 3  | Disconnect the points (c) and (d).   |   |
| <p><b>Note:</b></p> <ul style="list-style-type: none"> <li>■ Do not use a metal saw for cutting pipes by all means because the sawdust comes into the circuit.</li> <li>■ When withdrawing the pipes, be careful not to pinch them firmly with pliers. The pipes may get deformed.</li> <li>■ Provide a protective sheet or a steel plate so that the brazing flame cannot influence peripheries.</li> </ul> |  |  <p style="text-align: right;">(R11804)</p> <p><b>Cautions for restoration</b></p> <ol style="list-style-type: none"> <li>1. Restore the piping by non-oxidation brazing.</li> <li>2. It is required to prevent the carbonization of the oil inside the four way valve and the deterioration of the gaskets affected by heat. (Keep below 120°C.) For the sake of this, wrap the four way valve with wet cloth and provide water so that the cloth does not dry.</li> </ol> <p><b>In case of difficulty with gas brazing machine</b></p> <ol style="list-style-type: none"> <li>1. Disconnect the brazed part where is easy to disconnect and restore.</li> <li>2. Cut pipes on the main unit with a tube cutter in order to make it easy to disconnect.</li> </ol> |

# 8. Removal of Compressor

**Procedure**

**Warning** Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.

| Step   | Procedure   | Points  |
|--|---|---|
| <p>1. Remove the peripheries.</p> <p>1 Remove the four way valve, the terminal cover and the lead wire for the compressor so as not to burn them.</p> <p>2 Remove the 3 nuts of the compressor.</p>  |  <p>(R12022)</p>                       | <p><b>Warning</b><br/>Be careful not to get yourself burnt with the pipes and other parts that are heated by the gas brazing machine.</p> <p><b>Warning</b><br/>If the refrigerant gas leaks during work, ventilate the room. (If the refrigerant gas is exposed to flames, toxic gas may be generated.)</p>  |
| <ul style="list-style-type: none"> <li>■ Before working, make sure that the refrigerant gas is empty in the circuit.</li> <li>■ Be sure to apply nitrogen replacement when heating up the brazed part.</li> </ul>  |  <p>Discharge side</p> <p>(R7422)</p> | <p><b>Warning</b><br/>Since it may happen that the refrigerant oil in the compressor catches fire, prepare wet cloth so as to extinguish fire immediately.</p>  |
| <p>2. Remove the compressor.</p> <p>1 Heat up the brazed part of the discharge side and disconnect.</p> <p>2 Heat up the brazed part of the suction side and disconnect.</p> <p>3 Lift the compressor up and remove it.</p>  |  <p>Suction side</p> <p>(R7423)</p>  | <p><b>Caution</b><br/>From the viewpoint of global environment protection, do not discharge the refrigerant gas in the atmosphere. Make sure to collect all the refrigerant gas.</p>  |
| <p><b>Note:</b></p> <ul style="list-style-type: none"> <li>■ Do not use a metal saw for cutting pipes by all means because the sawdust comes into the circuit.</li> <li>■ When withdrawing the pipes, be careful not to pinch them firmly with pliers. The pipes may get deformed.</li> <li>■ Provide a protective sheet or a steel plate so that the brazing flame cannot influence peripheries.</li> <li>■ Be careful so as not to burn the compressor terminals, the name plate, the heat exchanger fin.</li> </ul> |  <p>(R7424)</p>                     | <p><b>Cautions for restoration</b></p> <ol style="list-style-type: none"> <li>1. Restore the piping by non-oxidation brazing.</li> <li>2. It is required to prevent the carbonization of the oil inside the four way valve and the deterioration of the gaskets affected by heat. (Keep below 120°C.) For the sake of this, wrap the four way valve with wet cloth and provide water so that the cloth does not dry.</li> </ol> <p><b>In case of difficulty with gas brazing machine</b></p> <ol style="list-style-type: none"> <li>1. Disconnect the brazed part where is easy to disconnect and restore.</li> <li>2. Cut pipes on the main unit with a tube cutter in order to make it easy to disconnect.</li> </ol> |

# Revision History

| Month / Year | Version  | Revised contents |
|--------------|----------|------------------|
| 08/2012      | Si001160 | First edition    |

Warning



- Daikin products are manufactured for export to numerous countries throughout the world. Prior to purchase, please confirm with your local authorised importer, distributor and/or retailer whether this product conforms to the applicable standards, and is suitable for use, in the region where the product will be used. This statement does not purport to exclude, restrict or modify the application of any local legislation.
- Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

If you have any enquiries, please contact your local importer, distributor and/or retailer.

### Cautions on product corrosion

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.

### Dealer

### **DAIKIN INDUSTRIES, LTD.**

Head Office:  
Umeda Center Bldg., 2-4-12, Nakazaki-Nishi,  
Kita-ku, Osaka, 530-8323 Japan

Tokyo Office:  
JR Shinagawa East Bldg., 2-18-1, Konan,  
Minato-ku, Tokyo, 108-0075 Japan

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