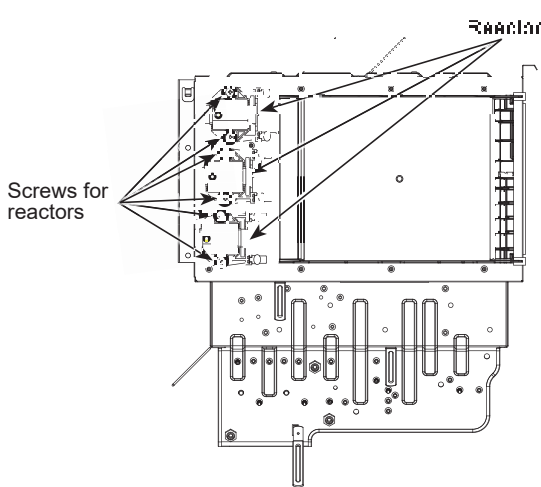
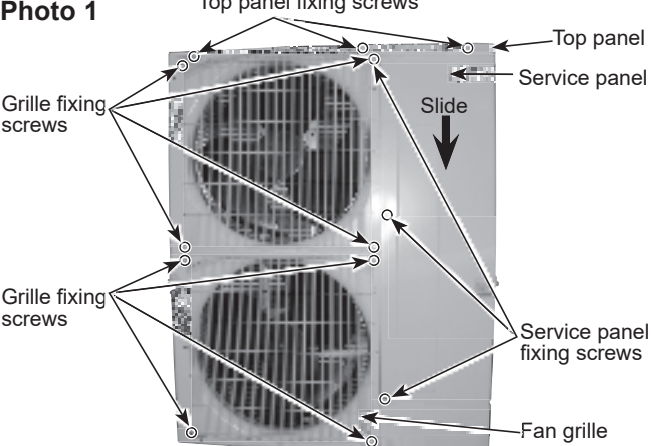
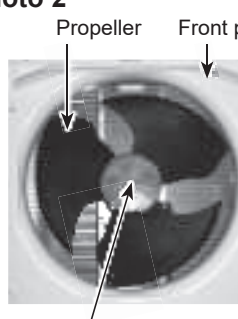
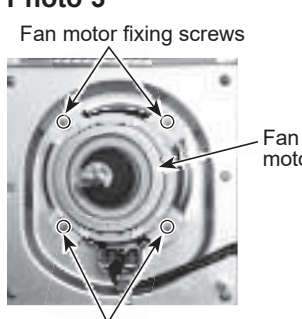
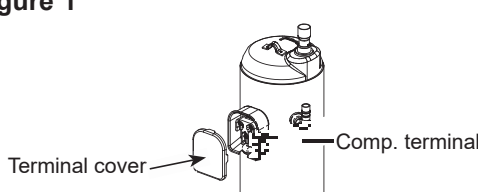
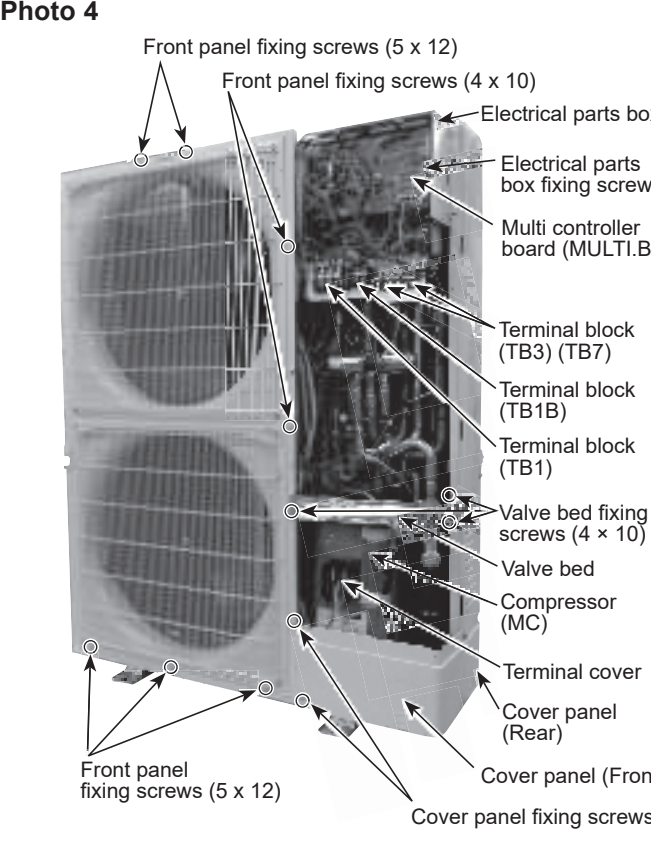


OPERATING PROCEDURE	PHOTOS/FIGURES
15. Removing the reactor (DCL) (1) Remove the service panel. (See Photo 1) (2) Remove the top panel. (See Photo 1) (3) Remove the electrical parts box (See photo 5) (4) Remove 6 screws (4 x 10) for reactors to remove the reactors. (See Figure 3)	Figure 3  The diagram shows a top-down view of a rectangular metal chassis. On the left side, there are six screws arranged in two vertical columns of three. Arrows point from the text 'Screws for reactors' to these screws. On the right side, there are two rectangular components, each with a series of vertical slots. Arrows point from the text 'Reactors' to these components. The chassis has various mounting holes and a complex internal structure.

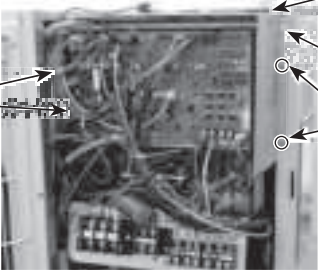
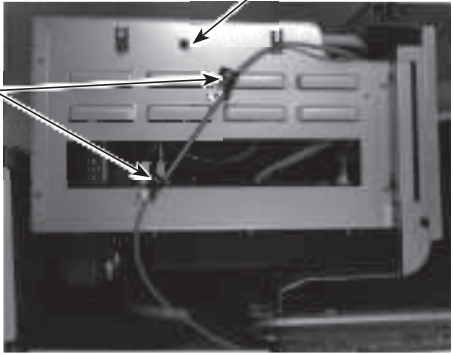
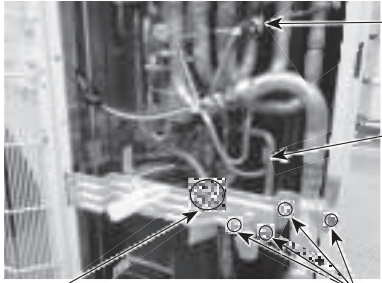
MXZ-SM60NAM-U1

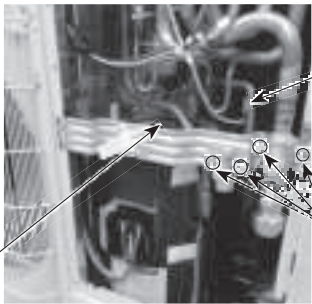
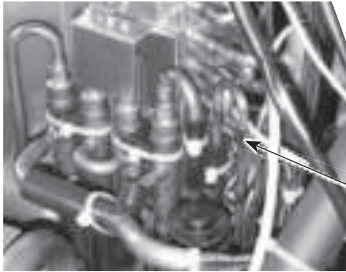
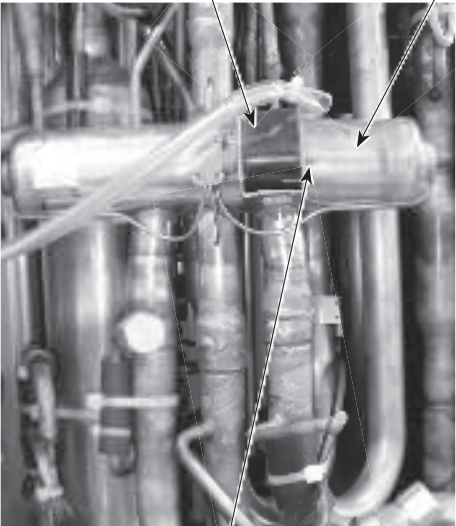
→ : Indicates the visible parts in the photos/figures.

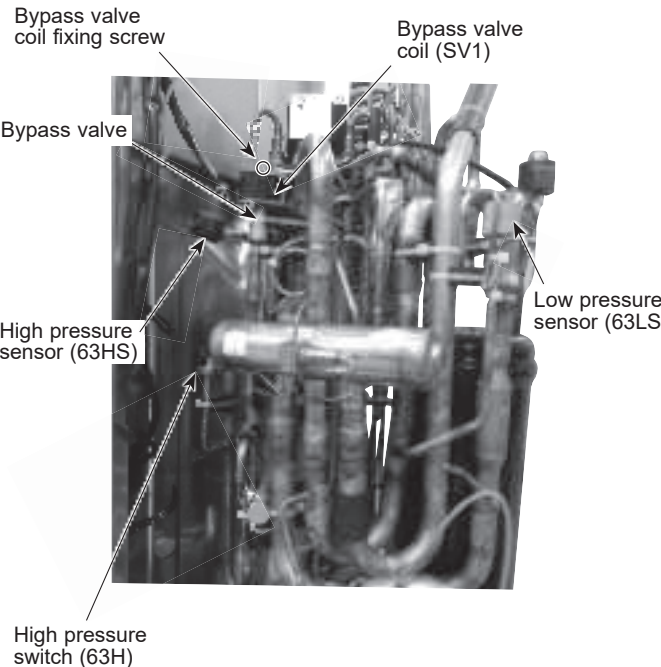
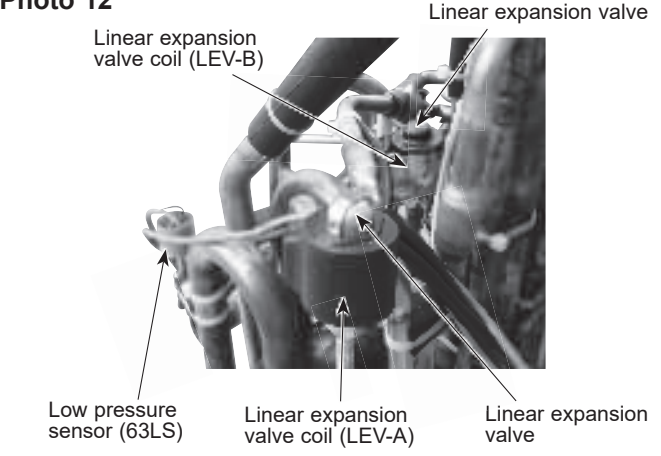
Note: Turn OFF the power supply before disassembly.

OPERATING PROCEDURE	PHOTOS/FIGURES
1. Removing the service panel and top panel (1) Remove 3 service panel fixing screws (5 × 12) and slide the hook on the right downward to remove the service panel. (2) Remove screws (2 for front, 3 for rear/5 × 12) on the top panel and remove it.	Photo 1 
2. Removing the fan motor (MF1, MF2) (1) Remove the service panel. (See Photo 1) (2) Remove 4 fan grille fixing screws (5 × 12) to detach the fan grille. (See Photo 1) (3) Remove a nut (for right handed screw of M6) to detach the propeller. (See Photo 2) (4) Disconnect the connectors, CNF1 and CNF2 on multi controller board in electrical parts box. (5) Remove 4 fan motor fixing screws (5 × 20) to detach the fan motor. (See Photo 3) Note: Torque the propeller fan to 5.7 ± 0.3 N·m [4.2 ± 0.2 ft = lbs]	Photo 2  Photo 3 
3. Removing the electrical parts box (1) Remove the service panel. (See Photo 1) (2) Remove the top panel. (See Photo 1) (3) Disconnect the connecting wire from terminal block. (See Photo 5) (4) Remove all the following connectors from outdoor multi controller circuit board; <Diagram symbol in the connector housing> • Fan motor (CNF1, CNF2) • Thermistor <HIC pipe> (TH2) • Thermistor <Outdoor liquid pipe> (TH3) • Thermistor <Compressor> (TH4) • Thermistor <Suction pipe/Ambient, Outdoor> (TH7/6) • High pressure switch (63H) • High pressure sensor (63HS) • Low pressure sensor (63LS) • 4-way valve (21S4) • Bypass valve (SV1) • Linear expansion valve (CNLVA/CNLVB) Pull out the disconnected wire from the electrical parts box. (5) Remove the terminal cover and disconnect the compressor lead wire. Note: The terminal cover can be easily removed by using a blade of flathead screwdriver. Figure 1 	Photo 4 

From the previous page.

OPERATING PROCEDURE	PHOTOS/FIGURES
(6) Remove 2 electrical parts box fixing screws (4 × 10) then detach the electrical parts box by pulling it upward. The electrical parts box is fixed with 2 hooks on the left and 1 hook on the right.	Photo 5  Electrical parts box Hook Electrical parts box fixing screws Hooks
4. Removing the thermistor <Suction pipe> (TH6) (1) Remove the service panel. (See Photo 1) (2) Remove the top panel. (See Photo 1) (3) Disconnect the connectors, TH7/6 (red), on the multi controller circuit board in the electrical parts box. (4) Loosen the wire clamps on the back of electrical parts box. (5) Pull out the thermistor <Suction pipe> (TH6) from the sensor holder. (See Photo 7) Note: When replacing thermistor <Suction pipe> (TH6), replace it together with thermistor <Ambient> (TH7) since they are combined together. Refer to procedure No.5 below to remove thermistor <Ambient> (TH7).	Photo 6  Electrical parts box Clamps
5. Removing the thermistor <Ambient> (TH7) (1) Remove the service panel. (See Photo 1) (2) Remove the top panel. (See Photo 1) (3) Disconnect the connector TH7/6 (red) on the multi controller circuit board in the electrical parts box. (4) Loosen the wire clamps on top of the electrical parts box. (See Photo 6.) (5) Pull out the thermistor <Ambient> (TH7) from the sensor holder. Note: When replacing thermistor <Ambient> (TH7), replace it together with thermistor <Suction pipe> (TH6), since they are combined together. Refer to procedure No.4 above to remove thermistor <Suction pipe> (TH6).	Photo 7  Thermistor <Suction pipe> (TH6) Thermistor <Hic pipe> (TH2) Thermistor <Compressor> (TH4) Ball valve and stop valve fixing screws Photo 8  Lead wire of thermistor <Ambient> (TH7) Sensor holder

OPERATING PROCEDURE	PHOTOS/FIGURES
6. Removing the thermistor <Outdoor liquid pipe> (TH3) and thermistor <Compressor> (TH4), thermistor <HIC pipe> (TH2) (1) Remove the service panel. (See Photo 1) (2) Disconnect the connectors, TH3 (white) and TH4 (white), TH2 (black) on the multi controller circuit board in the electrical parts box. (3) Pull out the thermistor <Outdoor liquid pipe> (TH3) and thermistor <Compressor> (TH4) from the sensor holder. (See Photo 9-1 and 9-2)	Photo 9-1  Photo 9-2 
7. Removing the 4-way valve coil (21S4) (1) Remove the service panel. (See Photo 1) (2) Remove 4-way valve coil fixing screw (M5 × 7). (3) Remove the 4-way valve coil by sliding the coil to the right. (4) Disconnect the connector 21S4 (green) on the multi controller circuit board in the electrical parts box.	Photo 10 
8. Removing the 4-way valve (1) Remove the service panel. (See Photo 1) (2) Remove the top panel. (See Photo 1) (3) Remove the electrical parts box (See Photo 5) (4) Remove 3 valve bed fixing screws (4 × 10) and 4 ball valve and stop valve fixing screws (5 × 16), then remove the valve bed. (See Photo 4 and 7) (5) Remove 2 cover panel fixing screws (5 × 12), then slide the cover panel (front) upward to remove it. (The cover panel (front) is fixed to the cover panel (rear) with a hook on the rear side. (See Photo 4) (6) Remove the cover panel (rear) fixing screws (2 for right side and 2 for rear/ 5 × 12), then slide the cover panel (rear) upward to remove it. (The cover panel (rear) is fixed to the side panel (R) with 2 screws.) (7) Remove 3 side panel (R) fixing screws (5 × 12) in the rear of the unit, then slide the side panel (R) upward to remove it. (The side panel (R) is fixed to the side plate with hooks on the rear side.) (8) Remove the 4-way valve coil. (See Photo 10) (9) Recover refrigerant. (10) Remove the welded part of 4-way valve. Notes: 1. Recover refrigerant without spreading it in the air. 2. The welded part can be removed easily by removing the side panel (R). 3. When installing the 4-way valve, cover it with a wet cloth to prevent it from heating (248°F [120°C] or more), then braze the pipes so that the inside of pipes are not oxidized.	

OPERATING PROCEDURE	PHOTOS/FIGURES
9. Removing bypass valve coil (SV1) and bypass valve (1) Remove the service panel. (See Photo 1) (2) Remove the top panel. (See Photo 1) (3) Remove the cover panel (front). (Refer to procedure 8(5)) (4) Remove the cover panel (rear) (Refer to procedure 8(6)) (5) Remove the side panel (R). (Refer to procedure 8 (7)) (6) Remove the bypass valve coil fixing screw (M4 × 6). (7) Remove the bypass valve coil by sliding the coil upward. (8) Disconnect the connector SV1 (gray) on the multi controller circuit board in the electrical parts box. (9) Remove the electrical parts box. (See Photo 5) (10) Recover refrigerant. (11) Remove the welded part of bypass valve. Refer to the notes below.	Photo 11 
10. Removing the high pressure switch (63H) and high pressure sensor (63HS) (1) Remove the service panel. (See Photo 1) (2) Remove the top panel. (See Photo 1) (3) Remove the cover panel (front). (Refer to procedure 8(5)) (4) Remove the cover panel (rear) (Refer to procedure 8(6)) (5) Remove the side panel (R). (Refer to procedure 8 (7)) (6) Pull out the lead wire of high pressure switch and high pressure sensor. (7) Remove the electrical parts box. (See Photo 5) (8) Recover refrigerant. (9) Remove the welded part of high pressure switch and high pressure sensor. Refer to the notes below.	
11. Removing the low pressure sensor (63LS) (1) Remove the service panel. (See Photo 1) (2) Remove the top panel. (See Photo 1) (3) Remove the cover panel (front). (Refer to procedure 8(5)) (4) Remove the cover panel (rear) (Refer to procedure 8(6)) (5) Remove the side panel (R). (Refer to procedure 8 (7)) (6) Disconnect the connector 63LS (blue) on the multi controller circuit board in the electrical parts box. (7) Remove the electrical parts box. (See Photo 5) (8) Recover refrigerant. (9) Remove the welded part of low pressure sensor. Refer to the notes below.	Photo 12 
12. Removing linear expansion valve (LEV-A, LEV-B) (1) Remove the service panel. (See Photo 1) (2) Remove the top panel. (See Photo 1) (3) Remove the cover panel (front). (Refer to procedure 8(5)) (4) Remove the cover panel (rear) (Refer to procedure 8(6)) (5) Remove the side panel (R). (Refer to procedure 8 (7)) (6) Remove the linear expansion valve coil. (See Photo 12) (7) Remove the electrical parts box. (See Photo 5) (8) Recover refrigerant. (9) Remove the welded part of linear expansion valve.	Notes: 1. Recover refrigerant without spreading it in the air. 2. The welded part can be removed easily by removing the right side panel. 3. When installing the following parts, cover it with a wet cloth to prevent it from heating as the temperature below, then braze the pipes so that the inside of pipes are not oxidized; • Bypass valve (procedure 9), 248°F [120°C] or more • High pressure switch and high pressure sensor (procedure 10), 212°F [100°C] or more • Low pressure sensor (procedure 11), 100°C or more • LEV (procedure 12), 248°F [120°C] or more

OPERATING PROCEDURE

13. Removing the compressor (MC)

- (1) Remove the service panel. (See Photo 1)
- (2) Remove the top panel. (See Photo 1)
- (3) Remove the cover panel (front). (Refer to procedure 8(5))
- (4) Remove the cover panel (rear) (Refer to procedure 8(6))
- (5) Remove the side panel (R). (Refer to procedure 8 (7))
- (6) Remove 2 front cover panel fixing screws (5 × 12) and remove the front cover panel. (See Photo 4)
- (7) Remove the electrical parts box. (See Photo 5)
- (8) Remove the valve bed. (Refer to procedure 8 (4))
- (9) Remove 3 separator fixing screws (4 × 10) and remove the separator. (See Figure 2)
- (10) Recover refrigerant.
- (11) Remove the 3 compressor fixing nuts for motor using spanner or adjustable wrench.
- (12) Remove the welded pipe of compressor inlet and outlet and then remove the compressor.

Note: Recover refrigerant without spreading it in the air.

PHOTOS/FIGURES

Photo 13

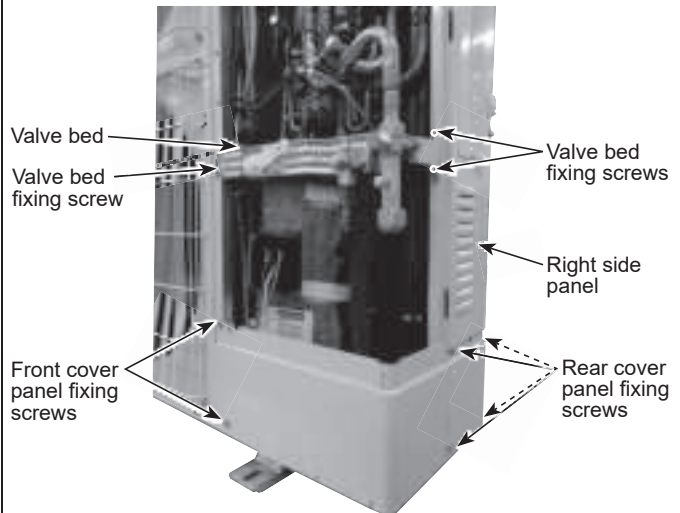


Figure 2

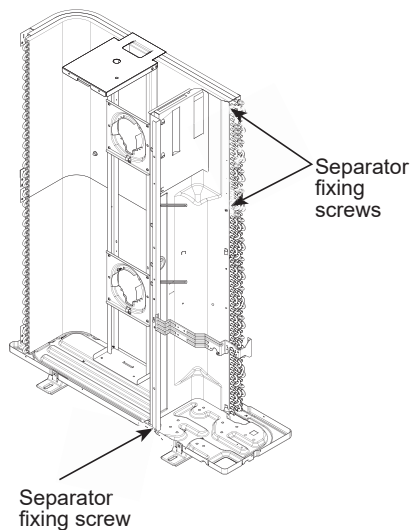
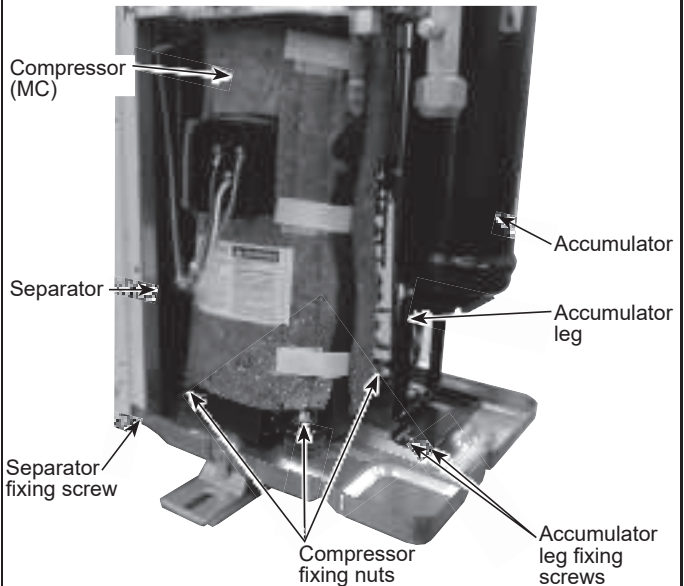


Photo 14



OPERATING PROCEDURE

14. Removing the accumulator

- (1) Remove the service panel. (See Photo 1)
- (2) Remove the top panel. (See Photo 1)
- (3) Remove the electrical parts box. (See Photo 5)
- (4) Remove the valve bed. (See procedure 8 (4))
- (5) Remove the cover panel (front). (Refer to procedure 8(5))
- (6) Remove the cover panel (rear) (Refer to procedure 8(6))
- (7) Remove the side panel (R). (Refer to procedure 8 (7))
- (8) Recover refrigerant.
- (9) Remove 2 welded pipes of accumulator inlet and outlet.
- (10) Remove 2 accumulator leg fixing screws (4 × 10). (See Photo 16)

Note: Recover refrigerant without spreading it in the air.

PHOTOS/FIGURES

Photo 15

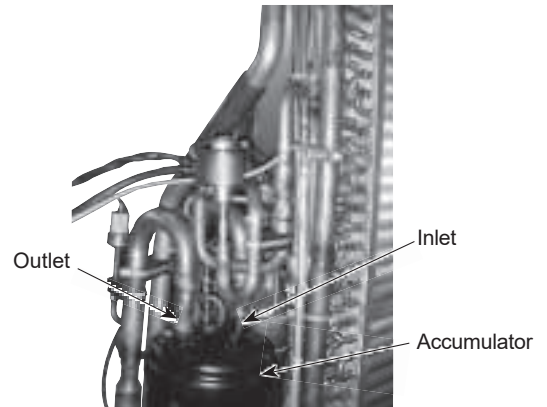
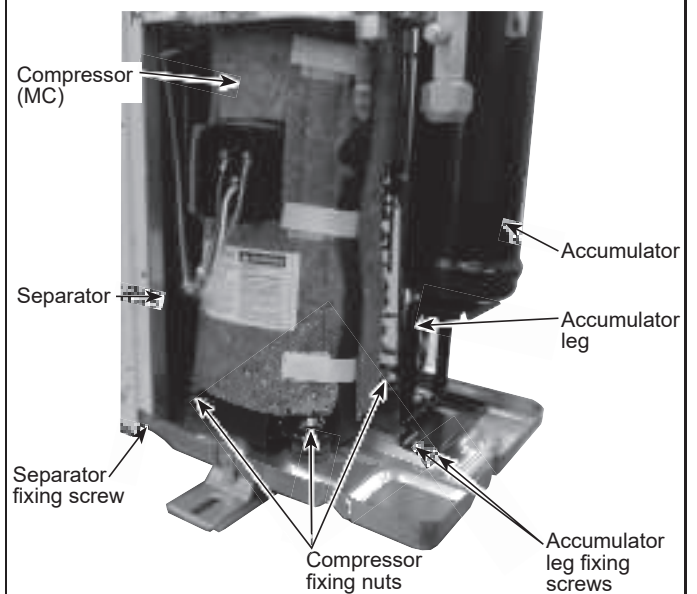


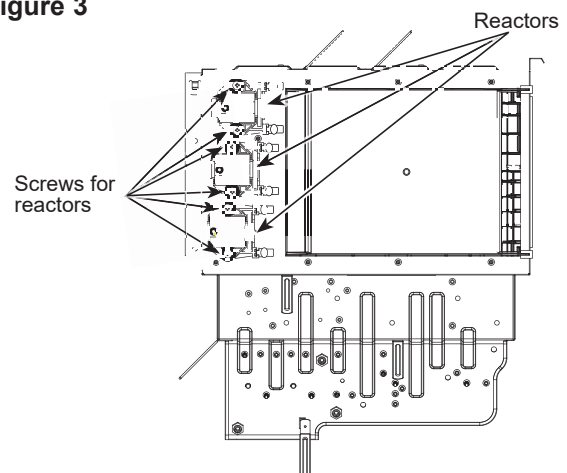
Photo 16



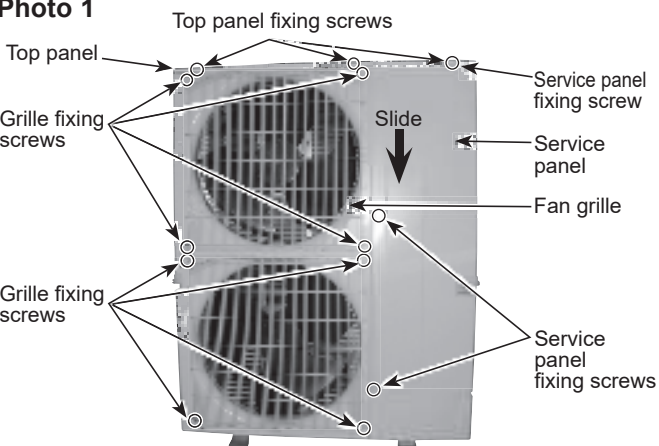
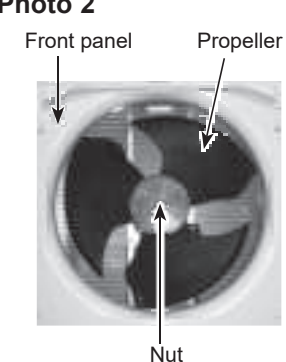
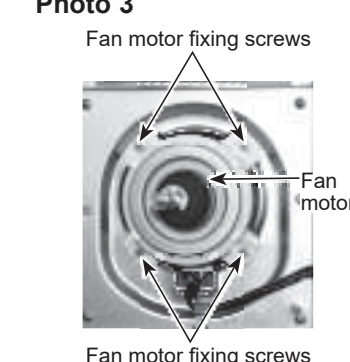
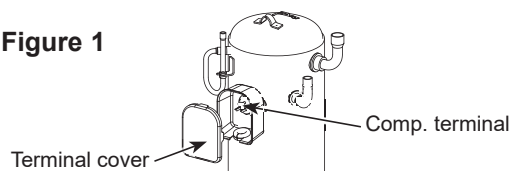
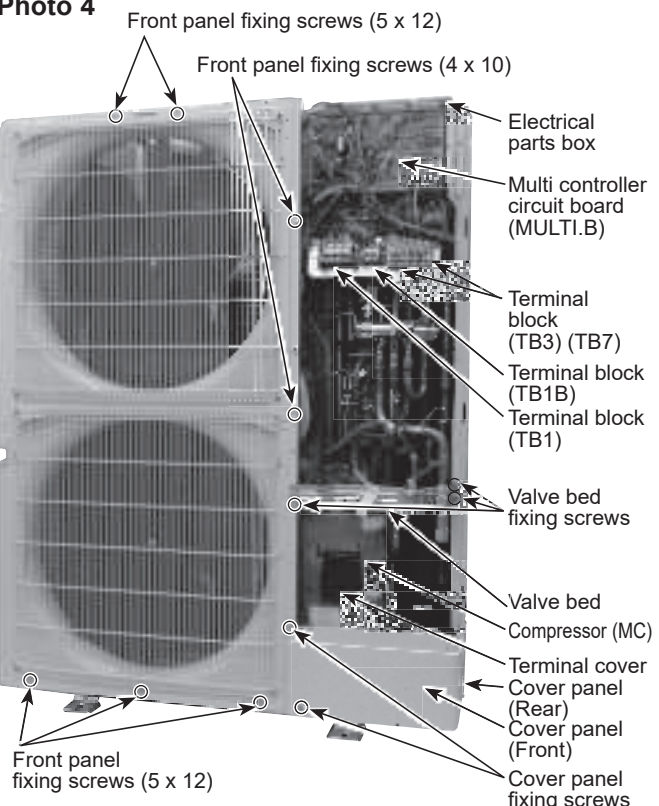
15. Removing the reactor (DCL)

- (1) Remove the service panel. (See Photo 1)
- (2) Remove the top panel. (See Photo 1)
- (3) Remove the electrical parts box (See photo 5)
- (4) Remove 6 screws (4 × 10) for reactors to remove the reactors. (See Figure 3)

Figure 3

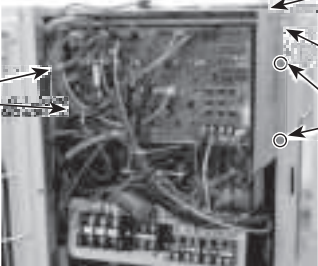
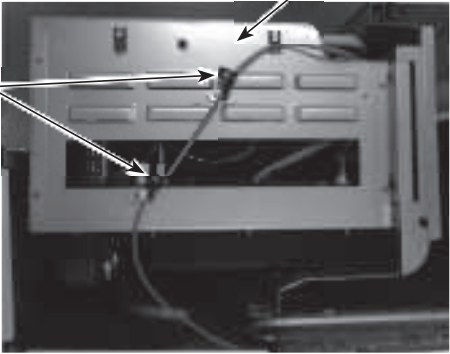
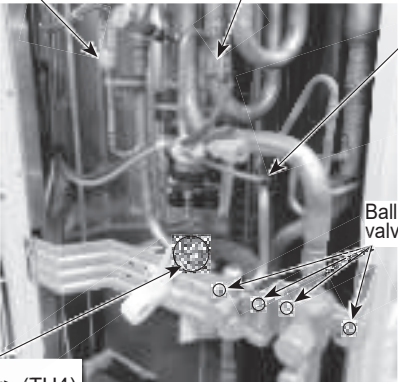
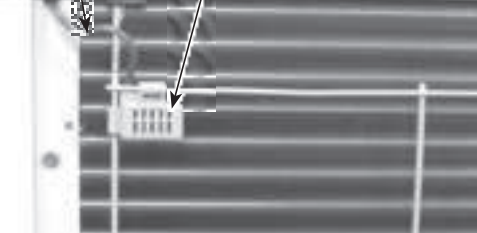


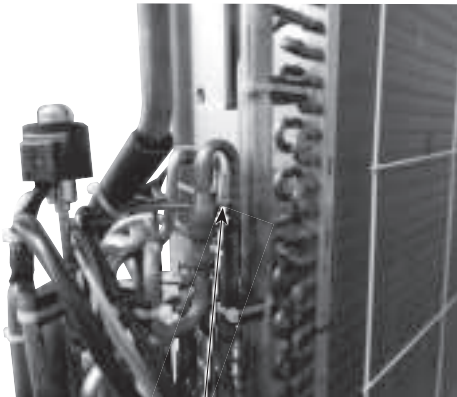
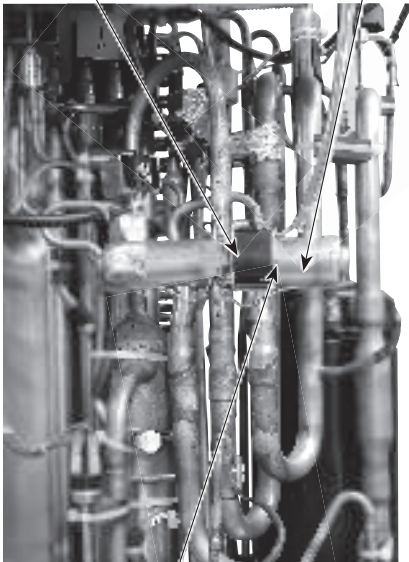
→ : Indicates the visible parts in the photos/figures.

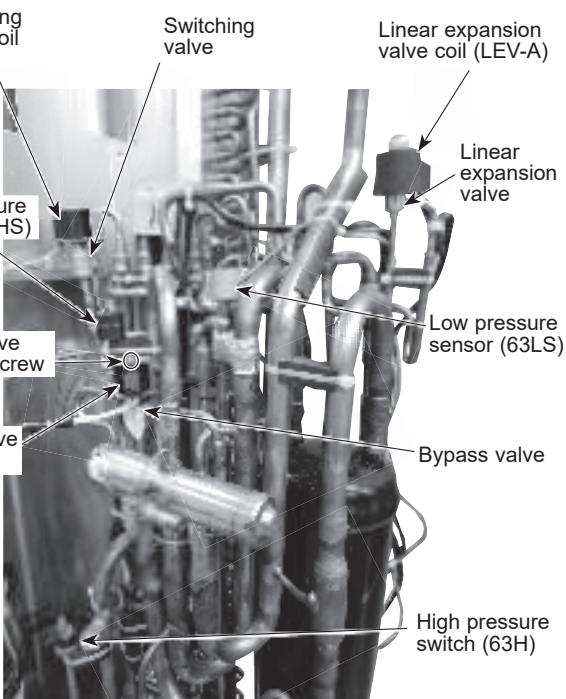
OPERATING PROCEDURE	PHOTOS/FIGURES
1. Removing the service panel and top panel (1) Remove 3 service panel fixing screws (5 × 12), then slide the hook on the right downward to remove the service panel. (2) Remove screws (2 for front, 3 for rear/5 × 12) of the top panel and remove it.	Photo 1 
2. Removing the fan motor (MF1, MF2) (1) Remove the service panel. (See Photo 1) (2) Remove the top panel. (See Photo 1) (3) Remove 4 fan grille fixing screws (5 × 12) to detach the fan grille. (See Photo 1) (4) Remove a nut (for right handed screw of M6) to detach the propeller. (See Photo 2) (5) Disconnect the connectors, CNF1 and CNF2 on the multi controller circuit board in the electrical parts box. (6) Remove 4 fan motor fixing screws (5 × 20) to detach the fan motor. (See Photo 3) Note: Torque the propeller fan to $5.7 \pm 0.3 \text{ N}\cdot\text{m}$. [$4.2 \pm 0.2 \text{ ft} \cdot \text{lbs}$]	Photo 2  Photo 3 
3. Removing the electrical parts box (1) Remove the service panel. (See Photo 1) (2) Remove the top panel. (See Photo 1) (3) Disconnect the connecting wire from terminal block. (4) Remove all of the following connectors from multi controller circuit board; <Diagram symbol in the connector housing> • Fan motor (CNF1, CNF2) • Thermistor <HIC pipe> (TH2) • Thermistor <Outdoor liquid pipe> (TH3) • Thermistor <Compressor> (TH4) • Thermistor <Suction pipe/Ambient, Outdoor> (TH7/6) • High pressure switch (63H) • High pressure sensor (63HS) • Low pressure sensor (63LS) • 4-way valve (21S4) • Bypass valve (SV1, SV2) • Linear expansion valve (LEV-A, LEV-B) • Base heater (SS) Pull out the disconnected wire from the electrical parts box. (5) Remove the terminal cover and disconnect the compressor lead wire from the comp. terminal. (See Figure 1) Note: The terminal cover can be easily removed by using a blade of flathead screwdriver. Figure 1 	Photo 4 

Continue to the next page.

From the previous page.

OPERATING PROCEDURE	PHOTOS/FIGURES
(6) Remove 2 electrical parts box fixing screws (4 × 10), then detach the electrical parts box by pulling it upward. The electrical parts box is fixed with 2 hooks on the left and 1 hook on the right.	Photo 5  Electrical parts box Hook Electrical parts box fixing screws Hooks
4. Removing the thermistor <Suction pipe> (TH6) (1) Remove the service panel. (See Photo 1) (2) Remove the top panel. (See Photo 1) (3) Disconnect the connector, TH7/6 (red), on the multi controller circuit board in the electrical parts box. (4) Loosen the wire clamps on the top of the electrical parts box. (See Photo 6) (5) Pull out the thermistor <Suction pipe> (TH6) from the sensor holder. (See Photo 7) Note: When replacing thermistor <Suction pipe> (TH6), replace it together with thermistor <Ambient> (TH7) since they are combined together. Refer to procedure No.5 below to remove thermistor <Ambient> (TH7).	Photo 6  Electrical parts box Clamps Photo 7  High pressure switch (63H) Thermistor <Suction pipe> (TH6) Thermistor <Hic pipe> (TH2) Ball valve and stop valve fixing screws Thermistor <Compressor> (TH4)
5. Removing the thermistor <Ambient> (TH7) (1) Remove the service panel. (See Photo 1) (2) Remove the top panel. (See Photo 1) (3) Disconnect the connector TH7/6 (red) on the multi controller circuit board in the electrical parts box. (4) Loosen the wire clamps on top of the electrical parts box. (See Photo 6) (5) Pull out the thermistor <Ambient> (TH7) from the sensor holder. Note: When replacing thermistor <Ambient> (TH7), replace it together with thermistor <Suction pipe> (TH6), since they are combined together. Refer to procedure No.4 above to remove thermistor <Suction pipe> (TH6).	Photo 8  Lead wire of thermistor <Ambient> (TH7) Sensor holder

OPERATING PROCEDURE	PHOTOS/FIGURES
6. Removing the thermistor <Outdoor liquid pipe> (TH3) and thermistor <Compressor> (TH4), thermistor <HIC pipe> (TH2) (1) Remove the service panel. (See Photo 1) (2) Disconnect the connectors, TH3 (white) and TH4 (white), TH2 (black) on the multi controller circuit board in the electrical parts box. (3) Pull out the thermistor <Outdoor liquid pipe> (TH3) and thermistor <Compressor> (TH4) from the sensor holder. (See Photo 7 and 9)	Photo 9  Thermistor <Outdoor liquid pipe> (TH3)
7. Removing the 4-way valve coil (21S4) (1) Remove the service panel. (See Photo 1) (2) Remove 4-way valve coil fixing screw (M5 × 7). (3) Remove the 4-way valve coil by sliding the coil to the right. (4) Disconnect the connector 21S4 (green) on the multi controller circuit board in the electrical parts box.	Photo 10  4-way valve coil (21S4) 4-way valve 4-way valve coil fixing screw
8. Removing the 4-way valve (1) Remove the service panel. (See Photo 1) (2) Remove the top panel. (See Photo 1) (3) Remove the electrical parts box (See Photo 5) (4) Remove 3 valve bed fixing screws (4 × 10) and 4 ball valve and stop valve fixing screws (5 × 16), then remove the valve bed. (See Photo 4 and 7) (5) Remove 2 cover panel fixing screws (5 × 12), then slide the cover panel (front) upward to remove it. (The cover panel (front) is fixed to the cover panel (rear) with a hook on the rear side. (See Photo 4) (6) Remove the cover panel (rear) fixing screws (2 for right side and 2 for rear/ 5 × 12), then slide the cover panel (rear) upward to remove it. (The cover panel (rear) is fixed to the side panel (R) with 2 screws.) (7) Remove 3 side panel (R) fixing screws (5 × 12) in the rear of the unit, then slide the side panel (R) upward to remove it. (The side panel (R) is fixed to the side plate with hooks on the rear side.) (8) Remove the 4-way valve coil. (See Photo 10) (9) Recover refrigerant. (10) Remove the welded part of 4-way valve. Notes: 1. Recover refrigerant without spreading it in the air. 2. The welded part can be removed easily by removing the side panel (R). 3. When installing the 4-way valve, cover it with a wet cloth to prevent it from heating (248°F [120°C] or more), then braze the pipes so that the inside of pipes are not oxidized.	

OPERATING PROCEDURE	PHOTOS/FIGURES
9. Removing bypass valve coil (SV1, SV2) and bypass valve (1) Remove the service panel. (See Photo 1) (2) Remove the top panel. (See Photo 1) (3) Remove the cover panel (front). (Refer to procedure 8(5)) (4) Remove the cover panel (rear) (Refer to procedure 8(6)) (5) Remove the side panel (R). (Refer to procedure 8 (7)) (6) Remove the bypass valve coil fixing screw (M4 × 6). (7) Remove the bypass valve coil by sliding the coil upward. (8) Disconnect the connector SV1 (gray) or SV2 (blue) on the multi controller circuit board in the electrical parts box. (9) Remove the electrical parts box. (See Photo 5) (10) Recover refrigerant. (11) Remove the welded part of bypass valve. Refer to the notes below.	Photo 11 
10. Removing the high pressure switch (63H) and high pressure sensor (63HS) (1) Remove the service panel. (See Photo 1) (2) Remove the top panel. (See Photo 1) (3) Remove the cover panel (front). (Refer to procedure 8(5)) (4) Remove the cover panel (rear) (Refer to procedure 8(6)) (5) Remove the side panel (R). (Refer to procedure 8 (7)) (6) Pull out the lead wire of high pressure switch and high pressure sensor. (7) Remove the electrical parts box. (See Photo 5) (8) Recover refrigerant. (9) Remove the welded part of high pressure switch and high pressure sensor. Refer to the notes below.	Photo 12  Notes: 1. Recover refrigerant without spreading it in the air. 2. The welded part can be removed easily by removing the side panel (R). 3. When installing the following parts, cover it with a wet cloth to prevent it from heating as the temperature below, then braise the pipes so that the inside of pipes are not oxidized; • Bypass valve (procedure 9), 248°F [120°C] or more • High pressure switch and high pressure sensor (procedure 10), 212°F [100°C] or more • Low pressure sensor (procedure 11), 212°F [100°C] or more • LEV (procedure 12), 248°F [120°C] or more
11. Removing the low pressure sensor (63LS) (1) Remove the service panel. (See Photo 1) (2) Remove the top panel. (See Photo 1) (3) Remove the cover panel (front). (Refer to procedure 8(5)) (4) Remove the cover panel (rear) (Refer to procedure 8(6)) (5) Remove the side panel (R). (Refer to procedure 8 (7)) (6) Disconnect the connector 63LS (blue) on the multi controller circuit board in the electrical parts box. (7) Remove the electrical parts box. (See Photo 5) (8) Recover refrigerant. (9) Remove the welded part of low pressure sensor. Refer to the notes below.	
12. Removing linear expansion valve (LEV-A, LEV-B) (1) Remove the service panel. (See Photo 1) (2) Remove the top panel. (See Photo 1) (3) Remove the cover panel (front). (Refer to procedure 8(5)) (4) Remove the cover panel (rear) (Refer to procedure 8(6)) (5) Remove the side panel (R). (Refer to procedure 8 (7)) (6) Remove the linear expansion valve coil. (See Photo 11,12) (7) Remove the electrical parts box. (See Photo 5) (8) Recover refrigerant. (9) Remove the welded part of linear expansion valve. Refer to the notes on the right.	

OPERATING PROCEDURE

13. Removing the compressor (MC)

- (1) Remove the service panel. (See Photo 1)
- (2) Remove the top panel. (See Photo 1)
- (3) Remove the cover panel (front). (Refer to procedure 8(5))
- (4) Remove the cover panel (rear). (Refer to procedure 8(6))
- (5) Remove the side panel (R). (Refer to procedure 8 (7))
- (6) Remove 2 front cover panel fixing screws (5 × 12) and remove the cover panel (front). (See Photo 4)
- (7) Remove the electrical parts box. (See Photo 5)
- (8) Remove the valve bed. (Refer to procedure 8 (4))
- (9) Remove 3 separator fixing screws (4 × 10) and remove the separator. (See Figure 2)
- (10) Recover refrigerant.
- (11) Remove the 3 compressor fixing nuts for motor using spanner or adjustable wrench.
- (12) Remove the welded pipe of compressor inlet and outlet and then remove the compressor.

Note: Recover refrigerant without spreading it in the air.

PHOTOS/FIGURES

Photo 13

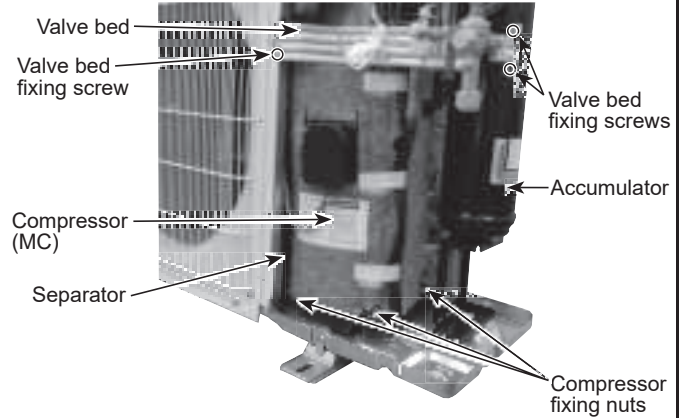
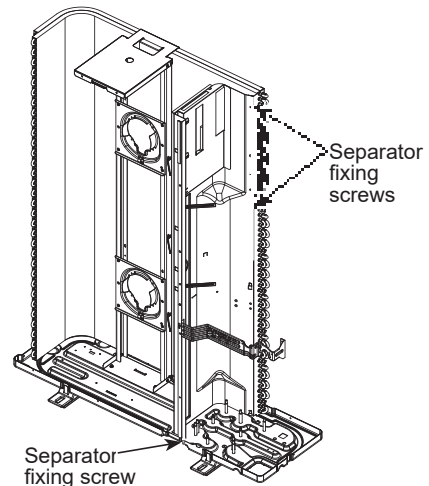


Figure 2



14. Removing the accumulator

- (1) Remove the service panel. (See Photo 1)
- (2) Remove the top panel. (See Photo 1)
- (3) Remove the cover panel (front). (Refer to procedure 13 (3))
- (4) Remove the cover panel (rear). (Refer to procedure 13 (5))
- (5) Remove the side panel (R). (Refer to procedure 13 (7))
- (6) Remove the electrical parts box. (See Photo 5)
- (7) Remove the valve bed. (See procedure 8 (4))
- (8) Recover refrigerant.
- (9) Remove 4 welded pipes of accumulator inlet and outlet.
- (10) Remove 2 accumulator leg fixing screws (4 × 10). (See Photo 15)

Note: Recover refrigerant without spreading it in the air.

Photo 14

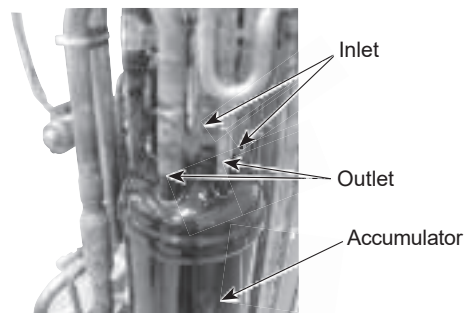
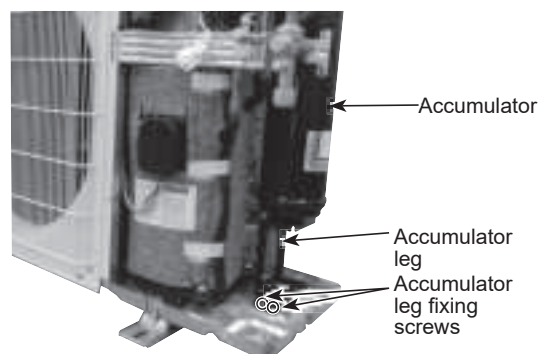
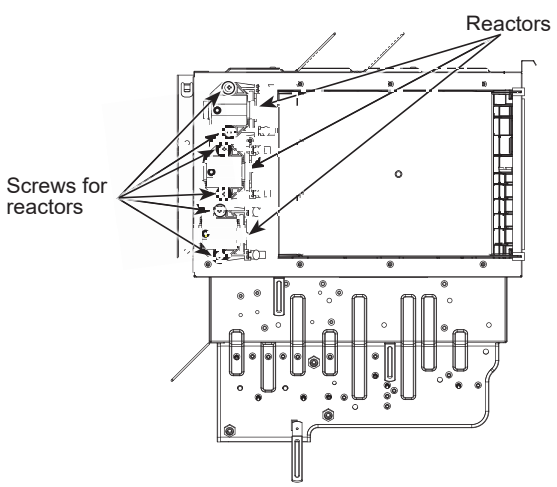
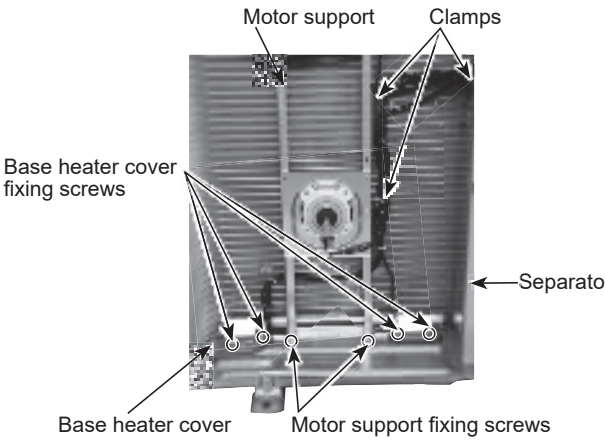


Photo 15



OPERATING PROCEDURE	PHOTOS/FIGURES
15. Removing the reactor (DCL) (1) Remove the service panel. (See Photo 1) (2) Remove the top panel. (See Photo 1) (3) Remove the electrical parts box (See Photo 5) (4) Remove 6 screws (4 x 10) for reactor to remove the reactors. (See Figure 3)	Figure 3 
16. Removing the base heater (1) Remove the service panel. (See Photo 1) (2) Remove the top panel. (See Photo 1) (3) Remove 4 fan grille fixing screws (5 × 12) to detach the fan grille. (See Photo 1) (4) Remove a nut (for right handed screw of M6) to detach the propeller. (See Photo 2) (5) Remove all of the following connectors from multi controller circuit board; <Diagram symbol in the connector housing> • Fan motor (CNF1, CNF2) • Base heater (SS) Pull out the disconnected wire from the electrical parts box. (See Photo 4) (6) Loosen the wire clamps on the side of the motor support and separator. (7) Remove 2 motor support fixing screws (5 x 12), then remove the motor support with fan motor still attached. (See Photo 16) (8) Remove 4 base heater cover fixing screws (4 x 10), then remove the base heater cover. (9) Remove the base heater. (See Photo 17) Notes: 1. Torque the propeller fan to $5.7 \pm 0.3 \text{ N}\cdot\text{m}$ [$4.2 \pm 0.2 \text{ ft} \cdot \text{lbs}$] 2. Rotate the propeller fan and make sure that the base heater and the lead wires do not interfere with the movement of the propeller fan.	Photo 16  Photo 17 

mitsubishi electric corporation

HEAD OFFICE: TOKYO BUILDING, 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO100-8310, JAPAN

©Copyright 2021 MITSUBISHI ELECTRIC CORPORATION
Issued: Nov. 2024 No. OCH789B
Issued: Sep. 2023 No. OCH789A
Published: Nov. 2021 No. OCH789
Made in Japan

Specifications are subject to change without notice.