

OPERATING PROCEDURE

10. Removing the compressor (MC)

- (1) Remove the electrical parts box. (See Photo 4 or 5)
- (2) Remove the cover panel (front). (See Photo1)
- (3) Remove the cover panel (rear). (See Photo 1)
- (4) Remove the ball valve fixing screws (2 for front/ 5x16).
- (5) Remove the stop valve fixing screws (2 for front/ 5x16).
- (6) Remove the valve bed. (See Photo 16)
- (7) Remove the side panel (R). (See Photo 1)
- (8) Remove the front panel fixing screws (5 for front/ 5x12 and 2 for front/ 4x10), then slide the front panel upward to remove it. (The front panel is fixed with 4 hooks; 3 on the left side fixing to the side panel (L), and the other on the right side fixing to the separator.)
- (9) Release the lead wire for FM1 and FM2 from the hole on separator.
- (10) Remove the separator fixing screws (4 for front/ 4x10), then slide the separator upward to remove it. (The separator is fixed to hooks of the side plate.)
- (11) Remove the band and the damper. (See Figure 5)
- (12) Recover refrigerant.
- (13) Remove the welded part of compressor (2 positions).
- (14) Remove the 3 compressor fixing nuts (M6) to remove the compressor.

Note 1: Recover refrigerant without spreading it in the air.

Note 2: The compressor can be easily removed by removing separator.

Note 3: When replacing the compressor, ensure that the surrounding parts are completely cold after brazing, then fix the accessory damper with a locally-procured band: Ensure to maintain at least 10 mm distance from the surrounding piping.

PHOTOS

Photo 17

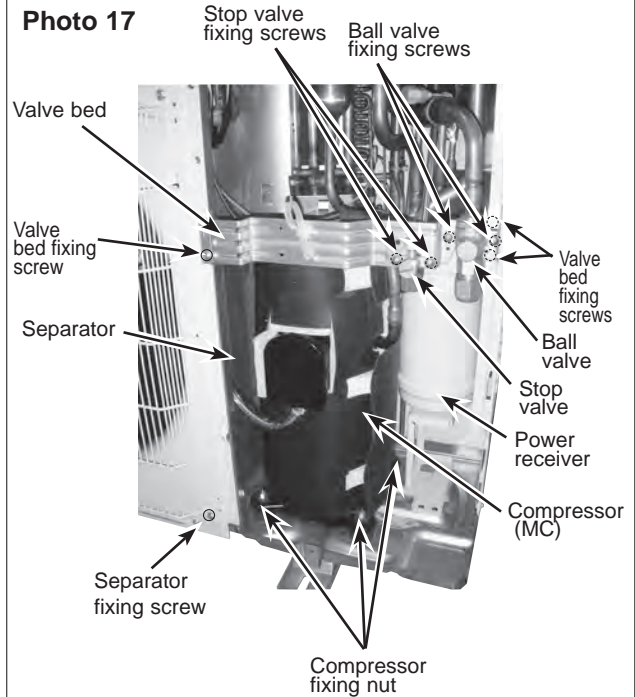
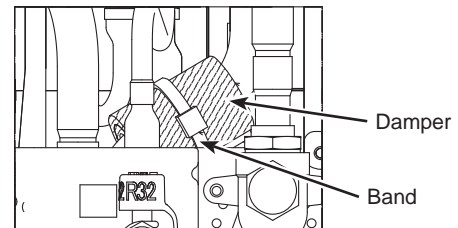


Figure 5

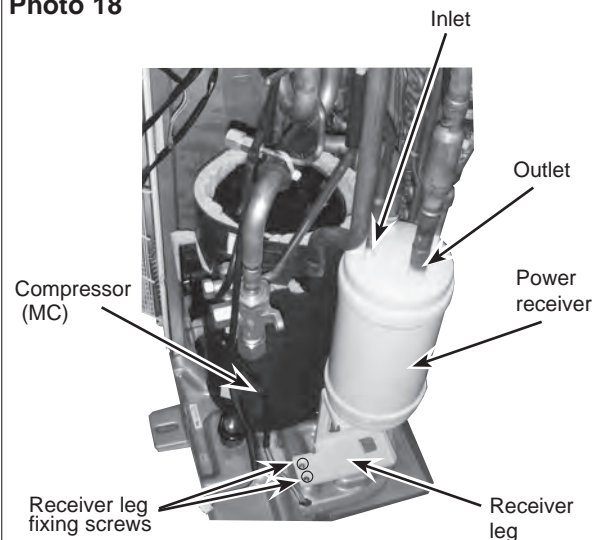


11. Removing the power receiver

- (1) Remove the electrical parts box. (See photo 4 or 5)
- (2) Remove the cover panel (front). (See Photo 1)
- (3) Remove the cover panel (rear). (See Photo 1)
- (4) Remove the ball valve fixing screws (See Photo 17).
- (5) Remove the stop valve fixing screws (See Photo 17).
- (6) Remove the valve bed. (See Photo 17)
- (7) Remove the side panel (R). (See Photo 1)
- (8) Recover refrigerant.
- (9) Remove the welded part of the power receiver to remove it.
- (10) Remove the receiver leg fixing screws (2 for front /4 x 10), then slide the power receiver forward to remove it. (The power receiver is fixed to the base with a hook on the bottom.)

Note: Recover refrigerant without spreading it in the air.

Photo 18



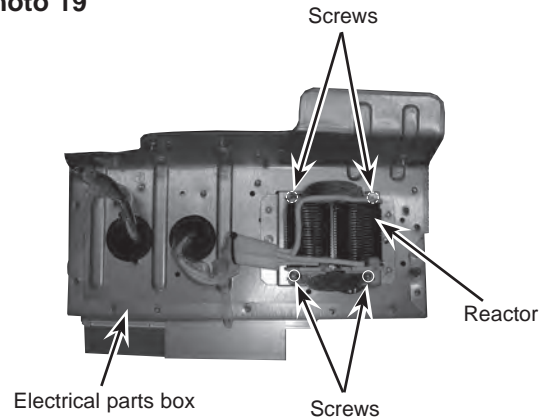
OPERATING PROCEDURE

12. Removing the reactor (DCL) (V model only)

- (1) Remove the electrical parts box. (See photo 4)
- (2) Remove the cont. box base fixing screws (3 for front/ 4 x 10) to remove the cont. box base.
- (3) Disconnect the connector, DCL1 (WH) and DCL2 (WH) on the power circuit board.
- (4) Release the lead wire from the hole on cont. box base.
- (5) Loosen the cable strap for the lead wire.
- (6) Remove the screws for reactor (4 for below/ 4 x 10) to remove the reactor.

PHOTOS

Photo 19



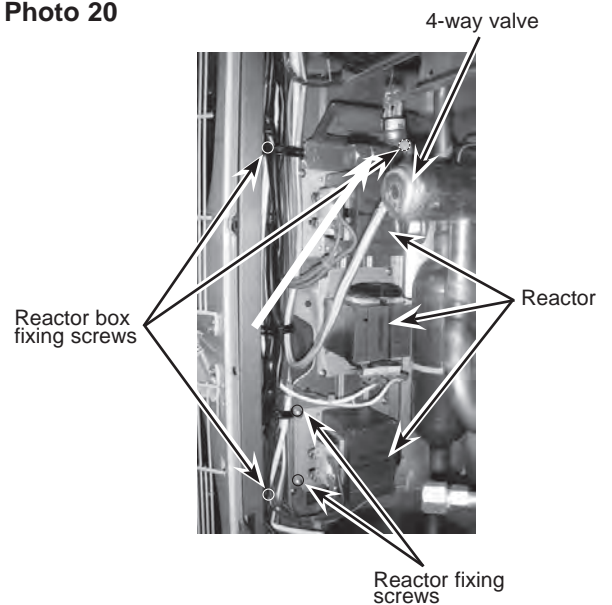
13. Removing the reactor (ACL) (Y model only)

- (1) Remove the service panel. (See Photo 1)
- (2) Loosen the clamp for the lead wire on separator.
- (3) Disconnect the lead wires from the reactor (ACL).
- (4) Remove the reactor box fixing screws (4 for right side/ 4x10) to remove the reactor box.
- (5) Remove 4 screws for reactor in the reactor box to remove the reactor.

Note 1: Pay extra attention when handling the reactor since it is very heavy (4.1 kg).

Note 2: The reactor can be easily removed by removing the electrical parts box.

Photo 20



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