

Replacing 4-Way Valve - Sanyo CHDXR09663* Service Manual

2-way eco-i multi system

1

2

3

Table Of Contents

4

5

6

7

8

9

10

11

12

13

14

15

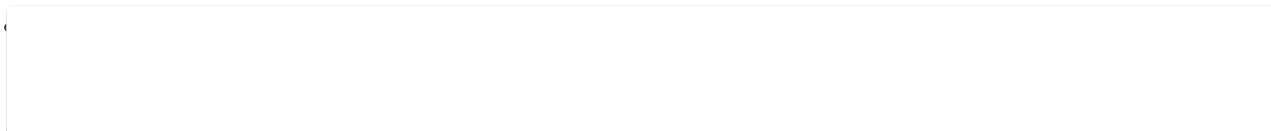
16

17

18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67

68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
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92
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96
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98
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100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117

118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142



•

[Table of Contents](#)

•

Bookmarks



12. Replacing 4-way Valve

When replacing 4-way valve of type 96 (for type with 1 or 2 compressor), be sure to protect check valves, which are located adjacent to the 4-way valve, while performing replacement work. Type 72 (for type with 1 compressor) is not located near to the check valves, therefore no protection is necessary.

12-1. When the replacement is available from the right side of the unit

(1)

Remove the front panel of the outdoor unit, then remove the right side panel of the unit.

(2)

Follow the instructions in "9. Pumping Out Refrigerant from Outdoor Unit", recover the refrigerant of the outdoor unit where the 4-way valve is located.

(3) Connect the manifold gauge to the high and low-pressure outlet ports at the outdoor unit where the 4-way



valve will be replaced. Connect the manifold gauge to a nitrogen cylinder and perform nitrogen gas replacement.

(4) Prepare the brazing kit to disconnect the brazed parts (4 locations).

CAUTION

(5) After replacing the 4-way valve, follow the instructions in "6. Checking for Leakage After Repair", and "7. Evacuating System". The outdoor unit after replaced 4-way valve shall be checked for gas leakage and perform system evacuation.

(6) Fully open service valves on the outdoor unit. However, if only one outdoor unit is installed, leave the balance tube kept closed.

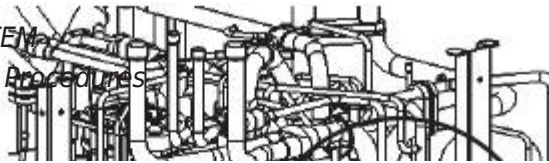
(7) [Redacted] the recovered refrigerant with the Refrigerant Recovery Unit by referring to the Installation Instructions that came with the outdoor unit and the refrigerant recovery unit. [Redacted] the check valves as shown in the figure 30.

parts
(ns)



W-ZWAY ECO-i SYSTEM
Outdoor Unit Repair Procedures

Check valve
4-way valve



[Table of Contents](#)

[Previous Page](#)
[Next Page](#)

1
...
72
73
74
75
76
77
78
79

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