



Replacement Parts

For Refrigerant Retrofit

Bulletin 122-10, April 2013



THERMOSTATIC EXPANSION VALVES - NON-ADJUSTABLE

When changing refrigerants, an adjustable bottom cap assembly is required to change the superheat setting.

Product	Replacement Parts Needed	Description P/N	Item Number
Y1150 EF valve	Y1150 EF valve bottom cap kit	KA-4	183006
BI valve	BI valve bottom cap kit	KA-I/BI	183013

SOLENOID VALVES

The Enclosing Tube Gasket and Manual Lift Stem are potential leak points when changing refrigerants. The enclosing tube design and gasket changed in 1998-1999 to the Wolverine style. The older style (before 6-99) requires replacement of the enclosing tube and gasket. See information below.

NOTE: Wolverine Gaskets may not require changing.

Normally Closed Product	Replacement Parts Needed	Description P/N	Item Number
(M)B6/(M)E6*	MB/ME6 Enclosing Tube Kit (includes enclosing tube and gasket)	KE-6	382435
	Manual Lift Stem Kit	KM-1	382460
(C)(M)B9/(C)(M)E9*	MB/ME9 Enclosing Tube Kit (includes enclosing tube and gasket)	KE-9	382355
	Manual Lift Stem Kit	KM-2	382470
(C)(M)B10*	MB/ME10 Enclosing Tube Kit (includes enclosing tube and gasket)	KE-10/14	382390
	Manual Lift Stem Kit	KM-3	382480
(C)(M)E10*	MB/ME10 Enclosing Tube Kit (includes enclosing tube and gasket)	KE-10/14	382390
	Manual Lift Stem Kit	KM-5	382500
(C)(M)B14*	MB/ME14 Enclosing Tube Kit (includes enclosing tube and gasket)	KE-10/14	382390
	Manual Lift Stem Kit	KM-3	382480
(C)(M)E14*	MB/ME14 Enclosing Tube Kit (includes enclosing tube and gasket)	KE-10/14	382390
	Manual Lift Stem Kit	KM-4	382490
(C)(M)B19/(C)(M)E19*	MB/ME19 Enclosing Tube Kit (includes enclosing tube and gasket)	KE-19	382365
	Manual Lift Stem Kit	KM-5	382500
(M)B25/(M)E25*	MB/ME25 Enclosing Tube Kit (includes enclosing tube and gasket)	KE-25	382400
	Manual Lift Stem Kit	KM-6	382510
(M)E34*	ME34 Enclosing Tube Kit (includes enclosing tube and gasket)	KE-9	382355
	ME34 Body Flange (Tetraseal)	2645-000	183675
	Manual Lift Stem Kit	KM-5	382500
(M)E35	ME35 Parts Kit (includes enclosing tube, gasket, and o-ring)	KS-E35	381118
	Manual Lift Stem Kit	KM-7	382511
(M)E42*	ME42 Enclosing Tube Kit (includes enclosing tube and gasket)	KE-9	382355
	ME42 Body Flange (Tetraseal)	938-1	183710
	Manual Lift Stem Kit	KM-8	382512

Manual Lift Stem information, if required, is shown above.

Normally Open Product	Replacement Parts Needed	Description P/N	Item Number
OB9/OE9*	OB9/OE9 Enclosing Tube Kit	KE-OB9/OE9	381404
OB10/OE10*	OB10/OE10 Parts Kit	KS-OB10/OE10	381353
OB14/OE14*	OB14/OE14 Parts Kit	KS-OB14/OE14	381366
OB19/OE19*	OB19/OE19 Parts Kit	KS-OB19/OE19	381379
OB25/OE25*	OB25/OE25 Parts Kit	KS-OB25/OE25	381392
OE35	OE35 Parts Kit	KS-OE35	381130
OE34*	Enclosing Tube Kit	KE-OB9/OE9	381404
	OE34 Body Flange (Tetraseal)	2645-000	183675
OE42*	Enclosing Tube Kit	KE-OB9/OE9	381404
	OE42 Body Flange Tetraseal	938-1	183710

*For solenoid valves 6-99 and newer, replacement Wolverine Gasket available if needed. (See P/Ns on following page.)

SOLENOID VALVES - REPLACEMENT WOLVERINE GASKETS

Product	Replacement Parts Needed	Description P/N	Item Number
(M)B6/(M)E6, (M)E35	Enclosing Tube Gasket (Wolverine)	14000-1	380103
(C)(M)B9/(C)(M)E9, (M)E34, (M)E42, OB9/OE9, OE34, OE42	Enclosing Tube Gasket (Wolverine)	14000-2	380104
(C)(M)B10/(C)(M)E10, (C)(M)B14/(C)(M)E14, OB10/OE10, OB14/OE14	Enclosing Tube Gasket (Wolverine)	14000-3	380100
(C)(M)B19/(C)(M)E19, OB19/OE19	Enclosing Tube Gasket (Wolverine)	14000-4	380101
(C)(M)B25/(C)(M)E25, OB25/OE25	Enclosing Tube Gasket (Wolverine)	14000-5	380102

3-WAY VALVES (HEAT RECLAIM, SPLIT CONDENSER, and DEFROST)

Appropriate seals shown below. Sporlan recommends replacing body flange style 3-way valves due to the time associated with disassembly, changing the body o-ring, and rebuilding the valve.

Product	Replacement Parts Needed	Description P/N	Item Number
8D	8D/12D Enclosing Tube Kit	KE-8D/12D	382327
	Pilot Assembly Gasket (Prior to 3-00)	2645-000	183675
	Pilot Assembly Gasket (3-00 to Present) (Wolverine)	14000-5	380102
	Lower Body O-ring (6-97 and older)	623-128	183785
	Lower Body O-ring (7-97 to Present)	14000-6	380106
12D	8D/12D Enclosing Tube Kit	KE-8D/12D	382327
	Pilot Assembly Gasket (Prior to 3-00)	2645-000	183675
	Pilot Assembly Gasket (3-00 to Present) (Wolverine)	14000-5	380102
	Lower Body O-ring	623-137	183785
16D	KE-6 Enclosing Tube Kit (12-03 to Present)	KE-6	382435
	KE-9 Enclosing Tube Kit (Prior to 12-03)	KE-9	382355
	Pilot Assembly Gasket (Prior to 3-00)	2645-000	183675
	Pilot Assembly Gasket (3-00 to Present) (Wolverine)	14000-5	380102
	Lower Body O-ring (Prior to 6-06)	1335-235	183717
10G	10G Enclosing Tube	KE-6	382435
	Pilot Assembly Gasket (Prior to 3-00) <i>2 Required</i>	2645-000	183675
	Pilot Assembly Gasket (3-00 to Present) (Wolverine) <i>2 Required</i>	14000-5	380102

(S)ORIT VALVES

SORIT Valves have used 3 different enclosing tube gasket/o-ring designs. Depending on the manufacturing date, one of the following was used. Replace with same design.

Product	Replacement Parts Needed	Description P/N	Item Number
ORIT-12/ORIT-15	Adaptor Gasket (Tetraseal)	2645-000	183675
ORIT-20	Adaptor Gasket (Wolverine)	2539-000	183604
SORIT-12/SORIT-15	Adaptor Gasket (Tetraseal)	2645-000	183675
	Enclosing Tube O-Ring (4 screw style)	621-014	183685
	Enclosing Tube O-Ring	621-016	183690
	Enclosing Tube Gasket Date Code 3898 to present (Wolverine)	4323-000	183184
SORIT-20	Adaptor Gasket (Wolverine)	2539-000	183604
	Enclosing Tube O-Ring (4 screw style)	621-014	183685
	Enclosing Tube O-Ring	621-016	183690
	Enclosing Tube Gasket Date Code 3898 to present (Wolverine)	4323-000	183184

(S)ORIT-PI VALVES

Product	Replacement Parts Needed	Description P/N	Item Number
ORIT-PI-2/ORIT-PI-3/ ORIT-PI-4/ORIT-PI-5	O-Ring Kit (2 Body & 2 Guide Pin)	KG-(S)ORIT-PI	380901
SORIT-PI-2/SORIT-PI-3/ SORIT-PI-4/SORIT-PI-5	O-Ring Kit (2 Body & 2 Guide Pin)	KG-(S)ORIT-PI	380901
	Enclosing Tube O-Ring	621-016	183690
	Enclosing Tube Gasket Date Code 3598 to present (Wolverine)	4323-000	183184
	A4 Element (Subcooler EPR)	A4 75/150	908073

REPLACEABLE CORE SHELLS and OIL FILTERS

Product	Replacement Parts Needed	Description P/N	Item Number
CA Shell	Replaceable Filter-Drier Core(s), Secondary Filter	Various	—
	End Plate Gasket (C-480 through C-1920)	1288-001	481125
	End Plate Gasket (C-30000 and C-40000)	1288-013	480096
RSF Shell	Replaceable Filter-Drier Core(s) or Replaceable Pleated Element	Various	—
	End Plate Gasket (1/16" thick)	1288-001	481125
ROF Shell	Replaceable Oil Filter Cartridge	OFE-1	960015
	End Plate Gasket (1/16" thick)	1288-005	481103

OIL LEVEL CONTROLS

NOTE: AOL Oil Level Adaptor Kits may require seal replacement. Consult compressor manufacturer and/or Sporlan for seal information.

Product	Replacement Parts Needed	Description P/N	Item Number
OL-60	Oil Level Control O-Ring <i>2 Required</i>	621-125	968019
	Oil Level Control Quad Ring	JP-1222-000	968003

DEFROST DIFFERENTIAL VALVES

Product	Replacement Parts Needed	Description P/N	Item Number
LDR-15/XTM	O-Ring	4508-008	958148
	Body Flange Tetraseal Gasket	2645-000	183675
	Enclosing Tube Parts Kit (Prior to 3-99)	KE-OB9/OE9	381404
	Enclosing Tube Gasket (3-99 to Present) (Wolverine)	14000-2	380104
OLDR-15	O-Ring	4508-008	958148
	Body Flange Tetraseal Gasket	2645-000	183675
	Enclosing Tube Kit	KE-9	382355
LDR-16	Small O-Ring <i>2 Required</i>	621-11	183608
	Large O-Ring	621-036	968030
	Enclosing Tube Gasket (Wolverine)	14000-1	380103
OLDR-16	Small O-Ring <i>2 Required</i>	621-11	183608
	Large O-Ring	621-036	968030
	Enclosing Tube Kit	KE-6	382435
LDR-20/XTO	Body Flange Gasket	938-1	183710
	Enclosing Tube Parts Kit (Prior to 3-99)	KE-OB9/OE9	381404
	Enclosing Tube Gasket (3-99 to Present) (Wolverine)	14000-2	380104
OLDR-20	Body Flange Gasket	938-1	183710
	Enclosing Tube Kit	KE-9	382355
DDR-20	Body Flange Gasket (Wolverine)	2539-000	183604
	Enclosing Tube Kit	KE-9	382355

SORIT-TO-CDS CONVERSION KITS

Product	Replacement Parts Needed	Description P/N	Item Number
SORIT-12-to-CDS	Seal Gasket	2645-000	183675
SORIT-15-to-CDS	O-Ring	621-129	183603
SORIT-20-to-CDS	Gasket	2539-000	183604

CDS VALVES

Product	Replacement Parts Needed	Description P/N	Item Number
CDS(T)-4	Gasket (Wolverine)	14000-3	380100
CDS(T)-16	O-Ring	621-127	908077
CDS(T)-17	Gasket (Wolverine)	22010-000	908078

FLO-CON VALVES

Product	Replacement Parts Needed	Description P/N	Item Number
A9	Gasket Kit	202420 Parker R/S	–
A8A, L Types Only	Gasket/O-Ring Kit	203714 Parker R/S	–
A8A, All Except L Types	Gasket/O-Ring Kit	202701 Parker R/S	–
A81, L Types Only	Gasket/O-Ring Kit	203714 Parker R/S	–
A81, All Except L Types	Gasket/O-Ring Kit	202701 Parker R/S	–
A82, L Types Only	Gasket/O-Ring Kit	203819 Parker R/S	–
A82, All Except L Types	Gasket/O-Ring Kit	203818 Parker R/S	–
SPORT 3 to 11, Except L Type	Gasket/O-Ring Kit	202701 Parker R/S	–
SPORT 13 to 21, Except L Type	Gasket/O-Ring Kit	203818 Parker R/S	–
SPORT II	Gasket/O-Ring Kit	202701 Parker R/S	–
SC 03 to 11, Solenoid Valve	Gasket/O-Ring Kit	202701 Parker R/S	–
SC 13 to 21, Solenoid Valve	Gasket/O-Ring Kit	203818 Parker R/S	–

PARKER SOLENOID VALVES

Product	Replacement Parts Needed	Description P/N	Item Number
RB1	RB1 Parts Kit	Parker 76745	–
RB3	RB3 Parts Kit	Parker 76747	–
RB5	RB5 Parts Kit	Parker 76748	–
RB6	RB6 Parts Kit	Parker 76846	–
RB9	RB9 Parts Kit	Parker 76750	–
RB15	RB15 Parts Kit	Parker 76753	–
RB21	RB21 Parts Kit	Parker 76754	–
RB41	RB41 Parts Kit	Parker 76757	–
RB81/RS81	RB81/RS81 Parts Kit	Obsolete	–
ORB1	ORB1 Parts Kit	Parker 76745	–
ORB3	ORB3 Parts Kit	Parker 76747	–
ORB5	ORB5 Parts Kit	Parker 76748	–
ORB6	ORB6 Parts Kit	Parker 76846	–
ORB9	ORB9 Parts Kit	Parker 76750	–
ORB15	ORB15 Parts Kit	Parker 76753	–
ORB21	ORB21 Parts Kit	Parker 76754	–
ORB41	ORB41 Parts Kit	Parker 76757	–
ORB81/ORS81	ORB81/ORS81 Parts Kit	Obsolete	–

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