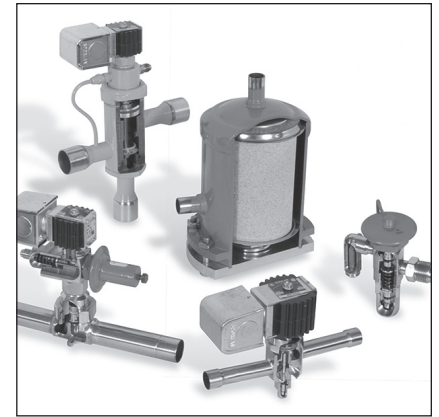




Replacement Parts

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	–

⚠ WARNING – USER RESPONSIBILITY

Failure or improper selection or improper use of the products described herein or related items can cause death, personal injury and property damage.

This document and other information from Parker Hannifin Corporation, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.

The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.

To the extent that Parker or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.

For safety information see the Safety Guide at www.parker.com/safety or call 1-800-CParker.

OFFER OF SALE

The items described in this document are hereby offered for sale by Parker Hannifin Corporation, its subsidiaries or its authorized distributors. This offer and its acceptance are governed by the provisions stated in the detailed "Offer of Sale" available at www.parker.com.

FOR USE ON AIR CONDITIONING and REFRIGERATION SYSTEMS ONLY