



# Replacement Parts

## For Refrigerant Retrofit

Bulletin 122-10, June 2018



### THERMOSTATIC EXPANSION VALVES - NON-ADJUSTABLE

When changing refrigerants, adjustable bottom caps may be required to change the superheat setting.

Product	Replacement Parts Needed	Description Part Number	Item Number	Qty.
Y1150 EF valve	Y1150 EF valve bottom cap kit	KA-4	183006	
Bl valve	Bl valve bottom cap kit	KA-I/BI	183013	

### \*SOLENOID VALVES - NORMALLY CLOSED

Enclosing Tube Gasket and Manual Lift Stem are potential leak points when changing refrigerants. Due to changes in enclosing tube design and gasket, older valves (before 6-99) require replacement of enclosing tube and gasket. The E series and E-HP series valves, 6-99 and newer, have the Wolverine gasket. The KE enclosing tube kits should not be used with the E-HP series valves.

**NOTE: Wolverine Gaskets may not require changing.**

Product	Replacement Parts Needed	Description Part Number	Item Number	Qty.
<b>E6 and E8 Series</b>				
(M)B6/(M)E6*	MB6/ME6 Enclosing Tube Kit (includes enclosing tube and gasket)	KE-6	382435	
MB6/ME6/ME8 and -HP	Manual Lift Stem Kit	KM-1	382460	
<b>E9 Series</b>				
(C)(M)B9/(C)(M)E9*	MB9/ME9 Enclosing Tube Kit (includes enclosing tube and gasket)	KE-9	382355	
(C)(M)E9 and -HP	Manual Lift Stem Kit	KM-1	382460	
(C)(M)B9	Manual Lift Stem Kit	KM-2	382470	
<b>E10S1-HP Series</b>				
(M)E10S1-HP	Manual Lift Stem Kit	KM-2	382470	
<b>E10S2 Series</b>				
(C)(M)B10S2/(C)(M)E10S2*	MB/ME10 Enclosing Tube Kit (includes enclosing tube and gasket)	KE-10/14	382390	
(C)MB10S2 and -HP	Manual Lift Stem Kit	KM-3	382480	
(C)ME10S2 and -HP	Manual Lift Stem Kit	KM-5	382500	
<b>E14 Series</b>				
(C)(M)B14/(C)(M)E14*	MB/ME14 Enclosing Tube Kit (includes enclosing tube and gasket)	KE-10/14	382390	
(C)MB14 and -HP	Manual Lift Stem Kit	KM-3	382480	
(C)ME14 and -HP	Manual Lift Stem Kit	KM-4	382490	
<b>E19 Series</b>				
(C)(M)B19/(C)(M)E19*	MB/ME19 Enclosing Tube Kit (includes enclosing tube and gasket)	KE-19	382365	
(C)MB19/(C)ME19 and -HP	Manual Lift Stem Kit	KM-5	382500	
<b>E25 Series</b>				
(M)B25/(M)E25*	MB/ME25 Enclosing Tube Kit (includes enclosing tube and gasket)	KE-25	382400	
MB25/ME25 and -HP	Manual Lift Stem Kit	KM-6	382510	

\*For solenoid valves 6-99 and newer, only replace Wolverine Gasket rather than Enclosing Tube Kit or Internal Parts Kit. (See P/Ns on page 3.)

**\*SOLENOID VALVES - NORMALLY CLOSED (Continued)**

Enclosing Tube Gasket and Manual Lift Stem are potential leak points when changing refrigerants. Due to changes in enclosing tube design and gasket, older valves (before 6-99) require replacement of enclosing tube and gasket. The E series and E-HP series valves, 6-99 and newer, have the Wolverine gasket. The KE enclosing tube kits should not be used with the E-HP series valves.

**NOTE: Wolverine Gaskets may not require changing.**

Product	Replacement Parts Needed	Description Part Number	Item Number	Qty.
<b>E34 Series</b>				
(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	
<b>E35 Series - Date Code prior to 3417</b>				
(M)E35*	ME35 Enclosing Tube Kit (includes enclosing tube and gasket)	KE-6	382435	
ME35 and -HP	Manual Lift Stem Kit	KM-7	382511	
(M)E35 and -HP Prior to 3417	Body O-Ring Small	Body Small O-Ring	183608	
	Body O-Ring Large	Body Large O-Ring	968030	
(M)E35 Prior to 3417	ME35 Parts Kit (includes Upper Assy, gasket, and o-rings)	KS-E35	381118	
(M)E35-HP Prior to 3417	ME35-HP Parts Kit (includes Upper Assy, gasket, and o-rings)	KS-E35-HP	958741	
<b>E35 W Series - Date Code 3417 or newer</b>				
(M)E35 W	ME35 Enclosing Tube Kit (includes enclosing tube and gasket)	KE-6	382435	
(M)E35 W and (M)E35-HP W	Manual Lift Stem Kit	KM-7	382511	
(M)E35 and -HP W 3417 or newer	Body Gasket (Wolverine)	Body Gasket	381144	
(M)E35 W 3417 or newer	ME35 Parts Kit (includes Upper Assy and gasket)	KS-E35 W	381146	
(M)E35-HP W 3417 or newer	ME35-HP Parts Kit (includes Upper Assy and gasket)	KS-E35-HP W	381142	
<b>E42 Series</b>				
(M)E42*	ME42 Enclosing Tube Kit (includes enclosing tube and gasket)	KE-9	382355	
	Manual Lift Stem Kit	KM-8	382512	
	ME42 Body Flange Tetraseal	938-1	183710	
<b>E43 Series</b>				
(M)E43*	(M)E43 Enclosing Tube Kit (includes enclosing tube and gasket)	KE-6	382435	
(M)E43 and -HP	Manual Lift Stem Kit	KM-9	382513	
	Body O-Ring Small	Body Small O-Ring	183613	
	Body O-Ring Large	Body Large O-Ring	183614	
(M)E43	(M)E43 Parts Kit (includes enclosing tube, gasket, and o-ring)	KS-E43	381421	
(M)E43-HP	(M)E43-HP Parts Kit (includes enclosing tube, gasket, and o-ring)	KS-E43-HP	381422	

**SOLENOID VALVES - NORMALLY OPEN**

Product	Replacement Parts Needed	Description Part Number	Item Number	Qty.
OE6-HP/OE8-HP*	OE6-HP and OE8-HP Parts Kit	KS-OE6-HP/OE8-HP	380846	
OB9/OE9*	OB9/OE9 Parts Kit	KS-OB9/OE 9	381405	
OB9/OE9-HP*	OB9/OE9-HP Parts Kit	KS-OE 9-HP	380848	
OE10S1-HP*	OE10S1-HP Parts Kit	KS-OE10S1-HP	380849	
OB10/OE10*	OB10/OE10 Parts Kit	KS-OB10/OE10	381353	
OB10/OE10-HP*	OB10/OE10S2 -HP Parts Kit	KS-OE10S2-HP	380850	
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	
OE34*	OE34 Enclosing tube kit	KE-OB9/OE9	381404	
	OE34 Parts Kit	KS-OE 34	381400	
	OE34 Body Flange Tetraseal	2645-000	183675	
OE35* Prior to 3417	OE35 Parts Kit	KS-OE 35	381130	
OE35-HP* Prior to 3417	OE35 Parts Kit	KS-OE 35-HP	381140	

\*For solenoid valves 6-99 and newer, only replace Wolverine Gasket rather than Enclosing Tube Kit or Internal Parts Kit. (See P/Ns on page 3.)

**SOLENOID VALVES - NORMALLY OPEN (Continued)**

Product	Replacement Parts Needed	Description Part Number	Item Number	Qty.
OE35 and -HP* Prior to 3417	Body O-Ring Small	Body Small O-Ring	183608	
	Body O-Ring Large	Body Large O-Ring	968030	
OE35 W 3417 or newer	OE35 Parts Kit	KS-OE35 W	381147	
OE35-HP W 3417 or newer	OE35 Parts Kit	KS-OE35-HP W	381143	
OE35 and -HP W 3417 or newer	Body Gasket ( <b>Wolverine</b> )	Body Gasket	381144	
OE42*	OE42 Enclosing tube kit	KE-OB9/OE9	381404	
	OE42 Parts Kit	KS-OE42	381418	
	OE42 Body Flange Tetraseal	938-1	183710	
OE43 and OE43-HP*	OE43 Parts Kit	KS-OE43-HP	381423	
	OE43 Body O-Ring Small	Body Small O-Ring	183613	
	OE43 Body O-Ring Large	Body Large O-Ring	183614	
<b>*For solenoid valves 6-99 and newer, only replace Wolverine Gasket rather than Enclosing Tube Kit or Internal Parts Kit. (See P/Ns below.)</b>				
(M)B6/(M)E6, (M)E8, (M)E35, (M)E43	Enclosing Tube Gasket	14000-1	380103	
(C)(M)B9/(C)(M)E9, (M)E34, (M)E42, OB9/OE9, OE34, OE42	Enclosing Tube Gasket	14000-2	380104	
(M)E10S1-HP	Enclosing Tube Gasket	14000-9	382653	
(C)(M)B10/(C)(M)E10, (C)(M)B14/(C)(M)E14, OB10/OE10, OB14/OE14	Enclosing Tube Gasket	14000-3	380100	
(C)(M)B19/(C)(M)E19, OB19/OE19	Enclosing Tube Gasket	14000-4	380101	
(C)(M)B25/(C)(M)E25, OB25/OE25	Enclosing Tube Gasket	14000-5	380102	
(M)E35 and -HP, OE35 and -HP Prior to 3417	Body O-Ring Small	Body Small O-Ring	183608	
	Body O-Ring Large	Body Large O-Ring	968030	
(M)E35 W and -HP W and OE35 W and -HP W 3417 or newer	Body Gasket ( <b>Wolverine</b> )	Body Gasket	381144	
(M)E43 and -HP, OE43 and -HP	Body O-Ring Small	Body Small O-Ring	183613	
	Body O-Ring Large	Body Large O-Ring	183614	

**3-WAY VALVES - HEAT RECLAIM 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 Part Number	Item Number	Qty.
8D and 8D-HP	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) ( <b>Wolverine</b> )	14000-5	380102	
	Lower Body O-ring (6-97 and older)	623-128	183785	
12D and 12D-HP	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) ( <b>Wolverine</b> )	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) ( <b>Wolverine</b> )	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)	2645-000	183675	
	Pilot Assembly Gasket (3-00 to Present) ( <b>Wolverine</b> ) <i>2 Required</i>	14000-5	380102	

**(S)ORIT VALVES**

Product	Replacement Parts Needed	Description Part Number	Item Number	Qty.
ORIT-12	ORIT 12 Adaptor Gasket (Tetraseal)	2645-000	183675	
ORIT-15	ORIT 15 Adaptor Gasket (Tetraseal)	2645-000	183675	
ORIT-20	ORIT 20 Adaptor Gasket ( <b>Wolverine</b> )	2539-000	183604	
SORIT-12	SORIT 12 Adaptor Gasket ( <b>Tetraseal</b> )	2645-000	183675	
	SORIT 12 Enc. Tube O-Ring	621-016	183690	
	SORIT 12 Enc. Tube Gasket, Date Code 3898 to present, ( <b>Wolverine</b> )	4323-000	183184	
	SORIT 12 Enc. Tube O-Ring (4 bolt style)	621-014	183685	
SORIT-15	SORIT 15 Adaptor Gasket ( <b>Tetraseal</b> )	2645-000	183675	
	SORIT 15 Enc. Tube O-Ring	621-016	183690	
	SORIT 15 Enc. Tube Gasket, Date Code 3898 to present, ( <b>Wolverine</b> )	4323-000	183184	
	SORIT 15 Enc. Tube O-Ring (4 bolt style)	621-014	183685	
SORIT-20	SORIT 20 Adaptor Gasket ( <b>Wolverine</b> )	2539-000	183604	
	SORIT 20 Enc. Tube O-Ring	621-016	183690	
	SORIT 20 Enc. Tube Gasket, Date Code 3898 to present, ( <b>Wolverine</b> )	4323-000	183184	
	SORIT 20 Enc. Tube O-Ring (4 bolt style)	621-014	183685	

**(S)ORIT-PI VALVES**

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

**LIQUID DRIERS, OIL FILTERS**

Product	Replacement Parts Needed	Description Part Number	Item Number	Qty.
CA Shell	Replaceable Liquid Filter-Drier and new end plate seal	RC-4864 (-HH) or RCW	—	
RSF Shell	Replaceable Suction Filter-Drier and new end plate seal	Cores / RPE-48	—	
OF Shell	Replaceable Oil Filter Cartridge and new end plate seal	OFE-1	960015	

**OIL LEVEL CONTROLS**

Product	Replacement Parts Needed	Description Part Number	Item Number	Qty.
OL-60	Oil Level Control K-OL Seal Kit	K-OL	968029	

**DEFROST DIFFERENTIAL VALVES**

Product	Replacement Parts Needed	Description Part Number	Item Number	Qty.
LDR-15/XTM	O-Ring	4508-008	958148	
	Body Flange Tetraseal Gasket	2645-000	183675	
	Enclosing Tube Gasket (Prior to 3/99)	641-3	183660	
	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 Gasket (Prior to 3/99)	641-3	183660	
	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	
LDR-21	Small O-Ring <i>2 Required</i>	Body Small O-Ring	183613	
	Large O-Ring	Body Large O-Ring	183614	
	Enclosing Tube Gasket, (Wolverine)	14000-1	380103	
OLDR-21	Small O-Ring <i>2 Required</i>	Body Small O-Ring	183613	
	Large O-Ring	Body Large O-Ring	183614	
	Enclosing Tube Kit	KE-6	382435	
DDR-20	Gasket, (Wolverine)	2539-000	183604	
	Enclosing Tube Kit	KE-9	382355	

**SORIT-TO-CDS CONVERSION KITS**

Product	Replacement Parts Needed	Description Part Number	Item Number	Qty.
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 GASKETS**

Product	Replacement Parts Needed	Description Part Number	Item Number	Qty.
CDS(T)-4	Gasket (Wolverine)	380100	380100	
CDS(T)-16	O-Ring	908077	908077	
CDS(T)-17	Gasket (Wolverine)	908078	908078	

**FLO-CON VALVES**

Product	Replacement Parts Needed	Description Part Number	Item Number	Qty.
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	—	

**A8 TO CDS CONVERSION KITS**

Product	Replacement Parts Needed	Description Part Number	Item Number	Qty.
A81 (7/8", 1 1/8" & 1 3/8") to CDS-17	Kit - A8 Gasket	202701 Parker R/S	—	
A8A (7/8") to CDS-17	Kit - A8 Gasket	202701 Parker R/S	—	
A82 (1 5/8" & 2 1/8") to CDS-17	Kit - A82 Gasket	202701 Parker R/S	—	

**A9 TO CDS CONVERSION KITS**

Product	Replacement Parts Needed	Description Part Number	Item Number	Qty.
A9 to CDS-17	Kit - A9 Gasket	202701 Parker R/S	—	

**SPORT TO CDS CONVERSION KITS**

Product	Replacement Parts Needed	Description Part Number	Item Number	Qty.
SPORT (7/8", 1 1/8" & 1 3/8") to CDS-17	Kit - A8 Gasket	202701 Parker R/S	—	
SPORT (1 5/8" & 2 1/8") to CDS-17	Kit - A82 Gasket	202701 Parker R/S	—	

**PARKER SOLENOID VALVES**

Product	Replacement Parts Needed	Description Part Number	Item Number	Qty.
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 76753	—	
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](http://www.parker.com/safety) or call 1-800-CParker.

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### **FOR USE ON AIR CONDITIONING and REFRIGERATION SYSTEMS ONLY**

