

REPAIR KITS

November 2012

To order a repair kit, use the basic model number of the product followed by -RK. For example, a repair kit for a 3325-BDE is 3325-RK.

The Parts Discount applies to all repair kits.
All repair kits are stock items

THIS LIST SUPERCEDES ALL PREVIOUS ISSUES

Repair Kits

Viton seals are recommended when the oil temperature is 150 degrees Fahrenheit or higher.

Repair kits include part numbers such as 1101-0001 and 1102-0005 for O-Rings and U-Cups. Standard seals are used wherever possible. A list of these seals is tabulated separately for information. That makes it easier to find replacement parts locally.

Repair Kits**SAND CAST ITEMS**

<u>Model 85</u>	(4601)	
1 only	1102-0032	"U" Cup
2 only	1101-0228	"O" Ring
2 only	1102-1003	"U" Cup "VITON"
2 only	1102-1006	"U" Cup "VITON"
<u>Model 725</u>		
1 only	1596-RK	Repair Kit (Sand Cast)
1 only	3803-RK	Repair Kit
1 only	725-LG	Left Gasket
1 only	725-RG	Right Gasket
<u>Model 730</u>		
1 only	1101-0008	"O" Ring
7 only	1101-0010	"O" Ring
4 only	1101-0014	"O" Ring
1 only	1101-0016	"O" Ring
2 only	1102-0005	"U" Cup
1 only	1104-2001	Diaphragm
2 only	1201-0004	Spring
2 only	1201-0013	Spring
2 only	3803-0004	Poppet
<u>Model 735</u>		
1 only	735-L	Gasket LH
1 only	735-R	Gasket RH
10 only	1101-0012	"O" Ring
2 only	1596-RK	Repair Kit
2 only	1512-RK	Repair Kit
<u>Model 765</u>		
2 only	1101-0010	"O" Ring
10 only	1101-0012	"O" Ring
2 only	1599-RK	Repair Kit
<u>Model 778</u>	(2 x 1596)	
2 only	1596-RK	Repair Kit (Sand Cast)

Repair Kits**Model 799**

2 only	1101-0228	"O" Ring
1 only	1102-0032	"U" Cup
2 only	1102-1005	"U" Cup "VITON"
3 only	1102-1006	"U" Cup "VITON"
1 only	1595-RK	Repair Kit

Model 900

4 only	1101-0012	"O" Ring
4 only	1101-0016	"O" Ring
2 only	1101-0236	"O" Ring
2 only	1102-0018	"U" Cup
2 only	1102-0040	"U" Cup
2 only	1201-0009	Spring
2 only	3804-0004	Poppet

Model 920

12 only	1101-0014	"O" Ring
18 only	1101-0010	"O" Ring
1 only	1201-0063	Detent Spring
6 only	3803-0004	Poppet

Model 921

2 only	1101-0023	"O" Ring
6 only	1101-0133	"O" Ring
2 only	1102-0025	"U" Cup
6 only	1102-0029	"U" Cup

Model 1285

2 only	1101-0228	"O" Ring
2 only	1102-0006	"U" Cup
2 only	1102-0032	"U" Cup

Model 1290Same as Model **1285****Model 1292**

	(2 x 1285)	
4 only	1101-0228	"O" Ring
4 only	1102-0006	"U" Cup
4 only	1102-0032	"U" Cup

Model 1354

4 only	1101-0133	"O" Ring
1 only	1102-0005	"U" Cup
2 only	1102-0021	"U" Cup

Repair Kits**Model 1355**

4 only	1101-0228	"O" Ring
2 only	1102-0006	"U" Cup
2 only	1102-0032	"U" Cup

Model 1370

2 only	1101-0012	"O" Ring
4 only	1101-0016	"O" Ring
2 only	1101-0133	"O" Ring
1 only	1102-0007	"U" Cup
2 only	1102-0029	"U" Cup
2 only	3804-0004	Poppet

Model 1373

3 only	1101-0012	"O" Ring
6 only	1101-0016	"O" Ring
3 only	1101-0133	"O" Ring
3 only	1102-0029	"U" Cup
3 only	3804-0004	Poppet

Model 1383

1 only	1101-0111	"O" Ring
2 only	1101-0123	"O" Ring
1 only	500PO	Poppet

Model 1410

2 only	1101-0111	"O" Ring
4 only	1101-0123	"O" Ring
2 only	1101-0228	"O" Ring
1 only	1102-0007	"U" Cup
2 only	1102-0032	"U" Cup
2 only	500-PR	Poppet

Model 1415

2 only	1101-0011	"O" Ring
4 only	1101-0123	"O" Ring
2 only	500PO	Poppet

Model 1419 (3517 is the new part number)

1 only	1101-0010	"O" Ring
2 only	1101-0014	"O" Ring
1 only	3803-0004	Poppet

Repair Kits**Model 1420**

1 only	1101-0012	"O" Ring
2 only	1101-0016	"O" Ring
1 only	3804-0004	Poppet

Model 1423Same as Model **1420****Model 1435**

1 only	1101-0133	"O" Ring
1 only	1102-0004	"U" Cup
1 only	1102-0029	"U" Cup
1 only	250-PR	Poppet

Model 1445Same as Model **1420****Model 1450**

	(2 x 1420)	
2 only	1101-0012	"O" Ring
4 only	1101-0016	"O" Ring
2 only	3804-0004	Poppet

Model 1460Same as Model **1420****Model 1473**

2 only

New part number
Seat**Model 1505**Same as Model **1420****Model 1507**

1 only	1101-0010	"O" Ring
2 only	1101-0014	"O" Ring
1 only	3803-0004	Poppet

Model 1508Same as Model **1420****Model 1510**

3 only	1101-0010	"O" Ring
2 only	1101-0014	"O" Ring
1 only	3803-0004	Poppet

Repair Kits

<u>Model 1512</u>	(New part number is 3803)	
1 only	1101-0008	"O" Ring
5 only	1101-0010	"O" Ring
4 only	1101-0014	"O" Ring
2 only	3803-0004	Poppet

Model 1515
Same as Model **1450**

<u>Model 1520</u>		
1 only	1101-0016	"O" Ring
1 only	1101-0018	"O" Ring
1 only	1101-0133	"O" Ring
2 only	1102-0003	"U" Cup
3 only	1102-0018	"U" Cup

<u>Model 1526</u>		
1 only	1101-0006	"O" Ring

<u>Model 1530</u>		
2 only	1101-0133	"O" Ring
2 only	1102-0029	"U" Cup

<u>Model 1538</u>		
1 only	1101-0026	"O" Ring
1 only	1538-0003	Diaphragm

<u>Model 1540</u>	(3903)	New part number
1 only	1101-0133	"O" Ring
1 only	1105-0001	Diaphragm

<u>Model 1543</u>	(DIE-CAST ONLY: Use 1596 for Sand Cast)	
2 only	1101-0010	"O" Ring
1 only	1101-0016	"O" Ring
2 only	1102-0005	"U" Cup
1 only	1104-2001	Diaphragm

<u>Model 1545</u>	(Using model 1598 valve)	
1 only	1101-0020	"O" Ring
1 only	1101-0133	"O" Ring
1 only	1102-0002	"U" Cup
1 only	1102-0003	"U" Cup
2 only	1102-0016	"U" Cup
1 only	1598-0015	Diaphragm
1 only	250-BPOS	Poppet

Repair Kits**Model 1553**

Same as Model 1450

Model 1560

1 only	1101-0228	"O" Ring
1 only	1102-0032	"U" Cup

Model 1562

(New part number is 4106)

1 only	1104-2002	Diaphragm
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Model 1563

1 only	1104-2008	Diaphragm
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Model 1566

1 only	1566-0011	Diaphragm
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Model 1570

2 only	1101-0228	"O" Ring
2 only	1102-0032	"U" Cup

Model 1585

1 only	1101-0014	"O" Ring
1 only	1101-0016	"O" Ring
1 only	1101-0017	"O" Ring
1 only	1101-0133	"O" Ring
1 only	1102-0005	"U" Cup
1 only	1102-0029	"U" Cup
1 only	3804-0004	Poppet

Model 1587

1 only	1101-0016	"O" Ring
1 only	1102-0002	"U" Cup
1 only	1102-0005	"U" Cup
1 only	1105-2001	Diaphragm
1 only	250-BPOS	Poppet

Model 1594

2 only	1101-0015	"O" Ring
2 only	1101-0016	"O" Ring
2 only	1101-0029	"O" Ring
2 only	1102-0003	"U" Cup
4 only	1102-0005	"U" Cup
2 only	1102-0018	"U" Cup
2 only	125-PO	Poppet
1 only	1598-0015	Diaphragm

Repair Kits**Model 1595**

1 only	1101-0016	"O" Ring
1 only	1101-0018	"O" Ring
1 only	1101-0133	"O" Ring
1 only	1102-0002	"U" Cup
1 only	1102-0003	"U" Cup
2 only	1102-0018	"U" Cup
1 only	1102-0029	"U" Cup
1 only	250-BPOS	Poppet

Model 1596

2 only	1101-0010	"O" Ring
1 only	1101-0016	"O" Ring
2 only	1101-0029	"O" Ring
1 only	1102-0003	"U" Cup
2 only	1102-0005	"U" Cup
1 only	1102-0018	"U" Cup
1 only	3803-0004	Poppet

Model 1598

1 only	1101-0020	"O" Ring
1 only	1101-0133	"O" Ring
1 only	1102-0002	"U" Cup
1 only	1102-0003	"U" Cup
2 only	1102-0016	"U" Cup
1 only	1598-0015	Diaphragm
1 only	250-BPOS	Poppet

Model 1599

2 only	1101-0012	"O" Ring
1 only	1101-0020	"O" Ring
1 only	1101-0133	"O" Ring
1 only	1102-0002	"U" Cup
1 only	1102-0003	"U" Cup
2 only	1102-0016	"U" Cup
1 only	1598-0015	Diaphragm
1 only	250-BPOS	Poppet

Model 1609

2 only	1101-0240	"O" Ring
2 only	1102-0009	"U" Cup
2 only	1102-0043	"U" Cup

Model 1630

2 only	1101-0256	"O" Ring
2 only	1102-0033	"U" Cup
2 only	1102-0047	"U" Cup

Repair Kits**Model 1640**

2 only	1101-0273	"O" Ring
2 only	1102-0036	"U" Cup
2 only	1102-0049	"U" Cup

Model 1651

2 only	1101-0018	"O" Ring
1 only	1102-0003	"U" Cup
2 only	1102-0006	"U" Cup

Model 1654

4 only	1101-0236	"O" Ring
2 only	1102-0008	"U" Cup
2 only	1102-0040	"U" Cup

Model 1655

1 only	1101-0125	"O" Ring
4 only	1101-0248	"O" Ring
2 only	1102-0009	"U" Cup
2 only	1102-0044	"U" Cup

Model 1658

2 only	1101-0116	"O" Ring
4 only	1102-0009	"U" Cup
2 only	1104-2005	Diaphragm

Model 1680See Model **5002****Model 1685**See Model **5004****Model 1690**

	(1 x 4312 Pot)	
2 only	1105-0012	Diaphragm

Model 1695-A

	(1 x 4312 Pot)	
2 only	1105-0012	Diaphragm

Model 1695-B

	Manual Adjust (1 x 4412-B Pot, "1725")	
1 only	1101-0222	Shaft "O" Ring
1 only	1101-0250	Piston "O" Ring

Model 1698-A

	(1 x 4324 Pot)	
2 only	1105-0024	Diaphragm

Repair Kits

Model 1698-B Manual Adjust (1 x 4424-B Pot, "1727")
 1 only 1101-0224 "O" Ring
 1 only 1101-0439 "O" Ring

Model 1698-G Self Adjust (1 x 4424-G Pot, "1727")
 1 only 1101-0006 "O" Ring
 1 only 1101-0224 "O" Ring
 1 only 1101-0439 "O" Ring
 1 only 1102-0011 "U" Cup

Model 1700
 2 only 1105-0024 Diaphragm

Model 1702-A (1 x 4324 Pot)
 2 only 1105-0024 Diaphragm

Model 1702-B Manual Adjust (1 x 4424-B Pot)
 1 only 1101-0224 "O" Ring
 1 only 1101-0439 "O" Ring

Model 1702-G Self Adjust (1 x 4424-G pot)
 1 only 1101-0006 "O" Ring
 1 only 1101-0224 "O" Ring
 1 only 1101-0439 "O" Ring
 1 only 1102-0011 "U" Cup

Model 1703-A (2 x 4324 Pot)
 4 only 1105-0024 Diaphragm

Model 1703-B Manual Adjust (2 x 4424-B Pot)
 2 only 1101-0224 "O" Ring
 2 only 1101-0439 "O" Ring

Model 1703-G Self Adjust (2 x 4424-G Pot)
 2 only 1101-0006 "O" Ring
 2 only 1101-0224 "O" Ring
 2 only 1101-0439 "O" Ring
 2 only 1102-0011 "U" Cup

Model 1704-A (1 x 4336 Pot)
 2 only 1105-0036 Diaphragm

Repair Kits

Model 1704-B Manual Adjust (1 x 4436-B Pot "1729")
 1 only 1101-0445 "O" Ring
 1 only 1101-0227 "O" Ring

Model 1704-G Self Adjust (1 x 4436-G pot)
 1 only 1101-0006 "O" Ring
 1 only 1101-0227 "O" Ring
 1 only 1101-0445 "O" Ring
 1 only 1102-0013 "U" Cup

Model 1705-A (1 x 4336 Pot)
 2 only 1105-0036 Diaphragm

Model 1705-B Manual Adjust (1 x 4436-B Pot)
 1 only 1101-0227 "O" Ring
 1 only 1101-0445 "O" Ring

Model 1705-G Self Adjust (1 x 4436-G pot)
 1 only 1101-0006 "O" Ring
 1 only 1101-0227 "O" Ring
 1 only 1101-0445 "O" Ring
 1 only 1102-0013 "U" Cup

Model 1708-A (2 x 4336 Pot)
 4 only 1105-0036 Diaphragm

Model 1708-B Manual Adjust (2 x 4436-B Pot)
 2 only 1101-0227 "O" Ring
 2 only 1101-0445 "O" Ring

Model 1708-G Self Adjust (2 x 4436-G Pot)
 2 only 1101-0006 "O" Ring
 2 only 1101-0227 "O" Ring
 2 only 1101-0445 "O" Ring
 2 only 1102-0013 "U" Cup

Model 1710-A (2 x 4336 Pot)
 4 only 1105-0036 Diaphragm

Model 1710-B Manual Adjust (2 x 4436-B Pot)
 2 only 1101-0445 "O" Ring
 2 only 1101-0227 "O" Ring

Repair Kits

<u>Model 1710-G</u>	Self Adjust (2 x 4436-G Pot)	
2 only	1101-0445	"O" Ring
2 only	1101-0227	"O" Ring
2 only	1102-0013	"U" Cup
2 only	1101-0006	"O" Ring

Model 1714See Model **5054-A** or **5054-S**

<u>Model 1720-A</u>	(4 x 1720-A Pot)	
4 only	1101-0452	"O" Ring
4 only	1102-0020	"U" Cup

<u>Model 1720-B</u>	(4 x 4498 Pot)	
4 only	1101-0456	"O" Ring
4 only	1102-0055	"U" Cup

Model 1725Same as Model **1695-B****Model 1727**Same as Model **1698-B** or **1698-G****Model 1729**Same as Model **1704-B** or **1704-G****Model 1732**See Model **5038-A** or **5038-S****Model 1736**See Model **5030-A****Model 1737**See Model **5026-A**

<u>Model 1754</u>		
1 only	1101-0006	"O" Ring
1 only	1101-0016	"O" Ring
1 only	1102-0002	"U" Cup
2 only	1102-0005	"U" Cup
1 only	1105-2001	Diaphragm
1 only	250-BPOS	Poppet

Repair Kits**Model 1760**

1 only	1101-0008	"O" Ring
1 only	1101-0016	"O" Ring
1 only	1102-0002	"U" Cup
2 only	1102-0005	"U" Cup
1 only	1800-D	Diaphragm
1 only	250-BPOS	Poppet

Model 1774

1 only	1101-0014	"O" Ring
1 only	1101-0123	"O" Ring
1 only	1102-0005	"U" Cup
2 only	1102-0006	"U" Cup
1 only	1774-0011	Diaphragm

Model 1776Same as Model **1774****Model 1804**

1 only	1101-0012	"O" Ring
2 only	1101-0016	"O" Ring
1 only	1102-0002	"U" Cup
1 only	1804-0015	Diaphragm
1 only	250-BPOL	Poppet

Model 1806

2 only	1101-0016	"O" Ring
1 only	1102-0002	"U" Cup
1 only	1804-0015	Diaphragm
1 only	250-BPOL	Poppet

Model 1808

1 only	1101-0012	"O" Ring
2 only	1101-0016	"O" Ring
1 only	1102-0002	"U" Cup
1 only	1804-0015	Diaphragm
1 only	250-BPOL	Poppet

Model 1814

1 only	1101-0111	"O" Ring
2 only	1101-0123	"O" Ring
1 only	1102-0005	"U" Cup
1 only	1800-D	Diaphragm
1 only	500-BPOS	Poppet

Model 1816Same as Model **1814****Model 1818**Same as Model **1814**

Repair Kits**PNEUMATICS**Model 2512

2 only	1101-0014	"O" Ring
1 only	1102-0009	"U" Cup
1 only	3803-0004	Poppet

Model 2513

	(2 x 2512)	
4 only	1101-0014	"O" Ring
2 only	1102-0009	"U" Cup
2 only	3803-0004	Poppet

Model 2516

1 only	1101-0012	"O" Ring
2 only	1101-0016	"O" Ring
1 only	3804-0004	Poppet

Model 2517

	(2 x 2516)	
2 only	1101-0012	"O" Ring
4 only	1101-0016	"O" Ring
2 only	3804-0004	Poppet

Model 2521

	(1 x 3230)	
2 only	1101-0012	"O" Ring
1 only	1101-0013	"O" Ring
1 only	1101-0018	"O" Ring
2 only	1102-0006	"U" Cup
1 only	1104-2002	Diaphragm

Model 2522Same as Model **2521**Model 2533Same as Model **2543**Model 2534Same as Model **2544**Model 2535Same as Model **2544**

Repair Kits

<u>Model 2542</u>	(1 x 3217 & Gasket)	
2 only	1101-0010	"O" Ring
1 only	1101-0016	"O" Ring
2 only	1102-0005	"U" Cup
1 only	1104-2001	Diaphragm
1 only	2542-0014	Gasket
<u>Model 2543</u>	(2 x 3217 & Gasket)	
4 only	1101-0010	"O" Ring
2 only	1101-0016	"O" Ring
4 only	1102-0005	"U" Cup
2 only	1104-2001	Diaphragm
1 only	2543-0010	Gasket
<u>Model 2544</u>	(1 x 3217, 1 x 3803 & Gasket)	
1 only	1101-0008	"O" Ring
7 only	1101-0010	"O" Ring
4 only	1101-0014	"O" Ring
1 only	1101-0016	"O" Ring
2 only	1102-0005	"U" Cup
1 only	1104-2001	Diaphragm
1 only	2544-0008	Gasket
2 only	3803-0004	Poppet
<u>Model 2545</u>	(2 x 3217, 2 x 3803 & Gaskets)	
2 only	1101-0008	"O" Ring
14 only	1101-0010	"O" Ring
8 only	1101-0014	"O" Ring
2 only	1101-0016	"O" Ring
4 only	1102-0005	"U" Cup
2 only	1104-2001	Diaphragm
1 only	2545-0017	L.H. Gasket
1 only	2545-0018	R.H. Gasket
4 only	3803-0004	Poppet
<u>Model 2546</u>	(3 x 3217, 2 x 1101-0010 & Gaskets)	
8 only	1101-0010	"O" Ring
3 only	1101-0016	"O" Ring
6 only	1102-0005	"U" Cup
3 only	1104-2001	Diaphragm
1 only	2546-0010	L.H. Gasket
1 only	2546-0011	R.H. Gasket

Repair Kits

<u>Model 2547</u>	(4 x 3217 & Gaskets)	
8 only	1101-0010	"O" Ring
4 only	1101-0016	"O" Ring
8 only	1102-0005	"U" Cup
4 only	1104-2001	Diaphragm
1 only	2546-0010	L.H. Gasket
1 only	2546-0011	R.H. Gasket

Model 2553
Same as Model **2543**

Model 2554
Same as Model **2544**

Model 2555
Same as Model **2545**

Model 2556
Same as Model **2546**

Model 2557
Same as Model **2547**

<u>Model 2571</u>	(1 x 3230, 1 x 3804 & Gaskets)	
7 only	1101-0012	"O" Ring
1 only	1101-0013	"O" Ring
4 only	1101-0016	"O" Ring
1 only	1101-0018	"O" Ring
2 only	1102-0006	"U" Cup
1 only	1104-2002	Diaphragm
2 only	2570-0049	Gasket
2 only	3804-0004	Poppet

<u>Model 2572</u>	(2 x 3230, 2 x 3804 & Gaskets)	
14 only	1101-0012	"O" Ring
2 only	1101-0013	"O" Ring
8 only	1101-0016	"O" Ring
2 only	1101-0018	"O" Ring
4 only	1102-0006	"U" Cup
2 only	1104-2000	Diaphragm
2 only	2570-0049	Gasket
4 only	3804-0004	Poppet

Repair Kits

<u>Model 2573</u>	(2 x 3230 & Gaskets)	
4 only	1101-0012	"O" Ring
2 only	1101-0013	"O" Ring
2 only	1101-0018	"O" Ring
4 only	1102-0006	"U" Cup
2 only	1104-2002	Diaphragm
2 only	2570-0049	Gasket

Model 2574
Same as Model **2571**

Model 2575
Same as Model **2572**

Model 2576
Same as Model **2573**

<u>Model 2577</u>	(2 x 3230, 1 x 3804 & Gaskets)	
9 only	1101-0012	"O" Ring
2 only	1101-0013	"O" Ring
4 only	1101-0016	"O" Ring
2 only	1101-0018	"O" Ring
4 only	1102-0006	"U" Cup
2 only	1104-2002	Diaphragm
2 only	2570-0049	Gasket
2 only	3804-0004	Poppet

Model 2578
Same as Model **2577**

Model 2579
Same as Model **2572**

Model 2588
Same as Model **3230**

<u>Model 2591</u>		
1 only	1101-0220	"O" Ring
1 only	1102-0002	"U" Cup
2 only	1102-0051	"U" Cup
1 only	1104-2003	Diaphragm
1 only	3240-0006	Poppet

<u>Model 2603</u>		
2 only	1101-0006	"O" Ring
2 only	1101-0016	"O" Ring
2 only	1104-2001	Diaphragm

Repair Kits**Model 2605**Same as Model **3217****Model 2608**Same as Model **2542****Model 2714**

2 only	1023-0511	Sealing Washer
2 only	1101-0010	"O" Ring
2 only	1101-0030	"O" Ring
2 only	1101-0036	"O" Ring
2 only	1101-0330	"O" Ring
4 only	1102-0007	"U" Cup
2 only	1102-0052	"U" Cup
2 only	1104-2003	Diaphragm

Model 2824

2 only	1101-0006	"O" Ring
3 only	1101-0012	"O" Ring
1 only	1101-0016	"O" Ring
1 only	1101-0020	"O" Ring
1 only	1105-2003	Diaphragm
1 only	2801-0003	Single Manifold Gasket
1 only	3804-0004	Poppet

Model 2825

2 only	1101-0006	"O" Ring
3 only	1101-0012	"O" Ring
1 only	1101-0016	"O" Ring
1 only	1101-0020	"O" Ring
1 only	1105-2003	Diaphragm
1 only	3804-0004	Poppet

Model 2826

3 only	1101-0006	"O" Ring
4 only	1101-0012	"O" Ring
1 only	1101-0016	"O" Ring
1 only	1101-0020	"O" Ring
1 only	1105-2003	Diaphragm
1 only	3804-0004	Poppet

Repair Kits**Model 2827**

7 only	1101-0006	"O" Ring
4 only	1101-0012	"O" Ring
1 only	1101-0016	"O" Ring
1 only	1101-0020	"O" Ring
2 only	1105-2003	Diaphragm
1 only	3804-0004	Poppet

Model 2828

7 only	1101-0006	"O" Ring
3 only	1101-0012	"O" Ring
1 only	1101-0016	"O" Ring
1 only	1101-0020	"O" Ring
2 only	1105-2003	Diaphragm
1 only	3804-0004	Poppet

Model 2830Same as Model **2826****Model 2835**

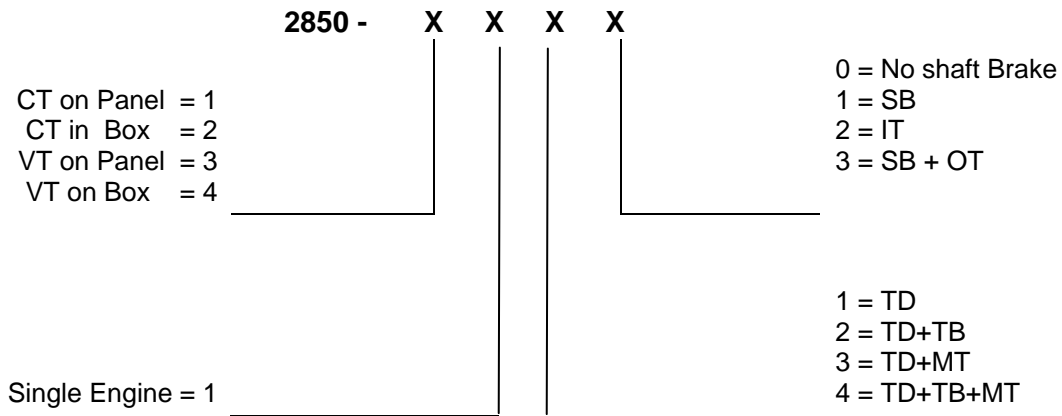
2 only	1101-0006	"O" Ring
2 only	1101-0016	"O" Ring
1 only	1101-0029	"O" Ring
1 only	1101-0030	"O" Ring
1 only	1101-0113	"O" Ring
1 only	1105-2003	Diaphragm
1 only	3808-0003	Poppet

Model 2836Same as Model **2837****Model 2837**

3 only	1101-0006	"O" Ring
1 only	1101-0012	"O" Ring
2 only	1101-0016	"O" Ring
1 only	1101-0029	"O" Ring
1 only	1101-0030	"O" Ring
1 only	1101-0113	"O" Ring
1 only	1105-2003	Diaphragm
1 only	3808-0003	Poppet

Repair Kits

The 2850 Series Repair Kit



<u>Letter codes:</u>	CT Constant Timing	VT Variable Timing	
	SB Shaft Brake	IT Independent Throttle	
	OT Overriding Throttle	TD Throttle Delay	
	TB Throttle Boost	MT Minimum Timing	

Example:

a 2850-1121-RK would consist of the following kits:
 1 only CT-RK
 1 only TD-RK + 1 only TB-RK
 1 only SB-RK

Breakdown by Letter Code:

CT has:

2 only	2802-0003	Double Manifold Gasket
2 only	2827-RK	Repair Kit
2 only	4806-RK	Repair Kit

VT has:

2 only	2801-0003	Single Manifold Gasket
2 only	2802-0003	Double Manifold Gasket
2 only	2826-RK	Repair Kit
2 only	2828-RK	Repair Kit
1 only	4806-RK	Repair Kit
1 only	4806C-RK	Repair Kit

SB has:

1 only	2801-0003	Single Manifold Gasket
1 only	2802-0003	Double Manifold Gasket
2 only	2825-RK	Repair Kit
1 only	4806-RK	Repair Kit

Repair Kits**OT has:**

2 only	2801-0003	Single Manifold Gasket
1 only	2825-RK	Repair Kit
1 only	2826-RK	Repair Kit
1 only	3009-RK	Repair Kit

TD has:

1 only	2803-0003	Triple Manifold Gasket
1 only	2826-RK	Repair Kit
1 only	3008-RK	Repair Kit
1 only	4806-RK	Repair Kit

TB has:

1 only	2801-0003	Single Manifold Gasket
1 only	2803-0003	Triple Manifold Gasket
1 only	2825-RK	Repair Kit
1 only	2827-RK	Repair Kit
1 only	3008-RK	Repair Kit
1 only	4806-RK	Repair Kit

MT has:

1 only	2801-0003	Single Manifold Gasket
1 only	2825-RK	Repair Kit
1 only	3009-RK	Repair Kit

IT has:

2 only	2802-0003	Double Manifold Gasket
1 only	2824-RK	Repair Kit
1 only	2826-RK	Repair Kit
1 only	3009-RK	Repair Kit

Model 2850-1110

2 only	2802-0003	Double Manifold Gasket
1 only	2803-0003	Triple Manifold Gasket
1 only	2826-RK	Repair Kit
2 only	2827-RK	Repair Kit
1 only	3008-RK	Repair Kit
3 only	4806-RK	Repair Kit

Model 2850-1111

1 only	2801-0003	Single Manifold Gasket
3 only	2802-0003	Double Manifold Gasket
1 only	2803-0003	Triple Manifold Gasket
2 only	2825-RK	Repair Kit
1 only	2826-RK	Repair Kit
2 only	2827-RK	Repair Kit
1 only	3008-RK	Repair Kit
4 only	4806-RK	Repair Kit

Repair Kits**Model 2850-1112**

2 only	2801-0003	Single Manifold Gasket
1 only	2825-RK	Repair Kit
1 only	2826-RK	Repair Kit
1 only	2850-1110-RK	Repair Kit
1 only	3009-RK	Repair Kit

Model 2850-1120

1 only	2801-0003	Single Manifold Gasket
2 only	2802-0003	Double Manifold Gasket
2 only	2803-0003	Triple Manifold Gasket
1 only	2825-RK	Repair Kit
1 only	2826-RK	Repair Kit
3 only	2827-RK	Repair Kit
2 only	3008-RK	Repair Kit
4 only	4806-RK	Repair Kit

Model 2850-1121

2 only	2801-0003	Single Manifold Gasket
3 only	2802-0003	Double Manifold Gasket
2 only	2803-0003	Triple Manifold Gasket
3 only	2825-RK	Repair Kit
1 only	2826-RK	Repair Kit
3 only	2827-RK	Repair Kit
2 only	3008-RK	Repair Kit
5 only	4806-RK	Repair Kit

Model 2850-1122

1 only	2801-0003	Single Manifold Gasket
4 only	2802-0003	Double Manifold Gasket
2 only	2803-0003	Triple Manifold Gasket
1 only	2824-RK	Repair Kit
1 only	2825-RK	Repair Kit
2 only	2826-RK	Repair Kit
3 only	2827-RK	Repair Kit
2 only	3008-RK	Repair Kit
1 only	3009-RK	Repair Kit
4 only	4806-RK	Repair Kit

Repair Kits**Model 2850-3120**

1 only	2851-1X0X-RK	Repair Kit With Gasket
1 only	2852-3X3X-RK	Repair Kit With Gasket
1 only	2853-2X2X-RK	Repair Kit With Gasket
1 only	2853-3X0X-RK	Repair Kit With Gasket
1 only	2854-1X10-RK	Repair Kit With Gasket
1 only	2854-2X10-RK	Repair Kit With Gasket

Consisting of:

3 only	2801-0003	Single Manifold Gasket
2 only	2802-0003	Double Manifold Gasket
2 only	2803-0003	Triple Manifold Gasket
1 only	2825-RK	Repair Kit
3 only	2826-RK	Repair Kit
1 only	2827-RK	Repair Kit
2 only	2828-RK	Repair Kit
2 only	3008-RK	Repair Kit
3 only	4806-RK	Repair Kit
1 only	4806C-RK	Repair Kit

Model 2850-5003

2 only	2801-0003	Single Manifold Gasket
2 only	2802-0003	Double Manifold Gasket
1 only	2825-RK	Repair Kit
1 only	2826-RK	Repair Kit
2 only	2827-RK	Repair Kit
1 only	3009-RK	Repair Kit
1 only	3326-RK	Repair Kit
2 only	4806-RK	Repair Kit

Model 2850-5004

1 only	2801-0003	Single Manifold Gasket
2 only	2802-0003	Double Manifold Gasket
1 only	2803-0003	Triple Manifold Gasket
2 only	2826-RK	Repair Kit
2 only	2827-RK	Repair Kit
1 only	3008-RK	Repair Kit
3 only	4806-RK	Repair Kit

Model 2851- 1X0X

1 only	2801-0003	Single Manifold Gasket
1 only	2825-RK	Repair Kit

Model 2852 - 5X5X

2 only	2801-0003	Single Manifold Gasket
2 only	2827-RK	Repair Kit

Repair Kits**Model 2852 - 6X6X**

2 only	2801-0003	Single Manifold Gasket Repair Kit
2 only	2825-RK	

Model 2852 - 7X7X

2 only	2801-0003	Single Manifold Gasket Repair Kit
2 only	2826-RK	

Model 2853 - 1X2X

1 only	2802-0003	Double Manifold Gasket Repair Kit Repair Kit
1 only	2827-RK	
1 only	4806-RK	

Model 2853 - 2X2X

1 only	2802-0003	Double Manifold Gasket Repair Kit Repair Kit
1 only	2828-RK	
1 only	4806-RK	

Model 2853 - 3X0X

1 only	2802-0003	Double Manifold Gasket Repair Kit Repair Kit
1 only	2828-RK	
1 only	4806C-RK	

Model 2853 - 4X1X

1 only	2801-0003	Single Manifold Gasket
1 only	2802-0003	Double Manifold Gasket
2 only	2825-RK	Repair Kit
1 only	4806-RK	Repair Kit

Model 2854-1X10

1 only	2803-0003	Triple Manifold Gasket
1 only	2826-RK	Repair Kit
1 only	3008-RK	Repair Kit
1 only	4806-RK	Repair Kit

Model 2854-1X11Same as Model **2854-1X10****Model 2854-1X12**Same as Model **2854-1X10**

Repair Kits**Model 2854-2X10**

1 only	2801-0003	Single Manifold Gasket
1 only	2803-0003	Triple Manifold Gasket
1 only	2825-RK	Repair Kit
1 only	2827-RK	Repair Kit
1 only	3008-RK	Repair Kit
1 only	4806-RK	Repair Kit

Model 2854-2X11Same as Model **2854-2X10****Model 2854-2X12**Same as Model **2854-2X10****Model 2854-2X13**Same as Model **2854-2X10****Model 2854-3X20**

2 only	2801-0003	Single Manifold Gasket
1 only	2803-0003	Triple Manifold Gasket
3 only	2825-RK	Repair Kit
1 only	3008-RK	Repair Kit
1 only	4806-RK	Repair Kit

Model 2856

3 only	1101-0006	"O" Ring
1 only	1101-0012	"O" Ring
2 only	1101-0016	"O" Ring
1 only	1101-0029	"O" Ring
1 only	1101-0030	"O" Ring
1 only	1101-0113	"O" Ring
1 only	1105-2003	Diaphragm
1 only	2805-0003	Gasket
1 only	3808-0003	Poppet

Model 2870-1110

2 only	2802-0003	Double Manifold Gasket
1 only	2803-0003	Triple Manifold Gasket
2 only	2805-0003	Gasket
1 only	2826-RK	Repair Kit
2 only	2827-RK	Repair Kit
2 only	2836-RK	Repair Kit
1 only	3008-RK	Repair Kit
3 only	4806-RK	Repair Kit

Repair Kits**Model 2870-1111**

3 only	2802-0003	Double Manifold Gasket
1 only	2803-0003	Triple Manifold Gasket
4 only	2805-0003	Gasket
1 only	2825-RK	Repair Kit
1 only	2826-RK	Repair Kit
2 only	2827-RK	Repair Kit
1 only	2835-RK	Repair Kit
3 only	2836-RK	Repair Kit
1 only	3008-RK	Repair Kit
4 only	4806-RK	Repair Kit

Model 3007

1 only	1101-0016	"O" Ring
1 only	3804-0004	Poppet

Model 3008

3 only	1101-0011	"O" Ring
2 only	1106-3001	Seat

Model 3009

2 only	1106-3001	Seat
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Model 3010

Same as Model **3009**

Model 3217

2 only	1101-0010	"O" Ring
1 only	1101-0016	"O" Ring
2 only	1102-0005	"U" Cup
1 only	1104-2001	Diaphragm

Model 3230

2 only	1101-0012	"O" Ring
1 only	1101-0013	"O" Ring
1 only	1101-0018	"O" Ring
2 only	1102-0006	"U" Cup
1 only	1104-2000	Diaphragm

Model 3240

Same as Model **2591**

Repair Kits**Model 3264**

1 only	1101-0224	"O" Ring
1 only	1101-0232	"O" Ring
1 only	1101-0227	"O" Ring
1 only	1101-0334	"O" Ring
1 only	1102-0007	"U" Cup
1 only	3264-0007	Poppet

Model 3265

1 only	1101-0136	"O" Ring
1 only	1101-0151	"O" Ring
2 only	1101-0222	"O" Ring
1 only	1102-0007	"U" Cup
1 only	1102-0035	"U" Cup
1 only	3265-0007	Poppet

Model 3323

1 only	1101-0008	"O" Ring
1 only	1101-0016	"O" Ring
2 only	1101-0139	"O" Ring
2 only	1102-0005	"U" Cup
1 only	1102-0021	"U" Cup
1 only	3804-0004	Poppet

Model 3324 (for 3326-H style valves made after Dec/87)

1 only	1101-0008	"O" Ring
1 only	1101-0016	"O" Ring
2 only	1101-0139	"O" Ring
2 only	1102-0005	"U" Cup
1 only	1102-0021	"U" Cup
2 only	1102-1001	"U" Cup
1 only	3804-0004	Poppet

Model 3325

1 only	1101-0016	"O" Ring
2 only	1102-0005	"U" Cup
1 only	1105-2001	Diaphragm
1 only	3804-0004	Poppet

Model 3325-1001 *Conversion Kit* (pre-assembled inhouse at Kobelt)

4 only	1001-1020	Bolt
1 only	1022-0261	Jam Nut NF
2 only	1101-0139	"O" Ring
1 only	1102-0021	"U" Cup
1 only	3326-0008	Piston
1 only	3326-0009	Spacer
1 only	3325-0015	Spool

Repair Kits**Model 3326**

1 only	1101-0008	"O" Ring
1 only	1101-0012	"O" Ring
1 only	1101-0016	"O" Ring
2 only	1102-0005	"U" Cup
1 only	1105-2002	Diaphragm
1 only	3804-0004	Poppet

Model 3326-1001 *Conversion Kit* (pre-assembled inhouse at Kobelt)

4 only	1001-1020	Bolt
1 only	1022-0261	Jam Nut NF
2 only	1101-0139	"O" Ring
1 only	1102-0021	"U" Cup
2 only	1102-1001	"U" Cup "VITON"
1 only	3326-0008	Piston
1 only	3326-0009	Spacer
1 only	3326-0010	Spool

Model 3326H (for Hydraulic Piloted 3326 relays)

1 only	1101-0008	"O" Ring
2 only	1101-0012	"O" Ring
1 only	1101-0016	"O" Ring
2 only	1101-0139	"O" Ring
2 only	1102-0005	"U" Cup
1 only	1102-0021	"U" Cup
1 only	3804-0004	Poppet

Model 3327

1 only	1101-0012	"O" Ring
1 only	1101-0016	"O" Ring
2 only	1102-0005	"U" Cup
1 only	1105-2001	Diaphragm
1 only	1105-2002	Diaphragm
1 only	3804-0004	Poppet

Model 3328

1 only	1101-0016	"O" Ring
2 only	1102-0005	"U" Cup
1 only	1105-2001	Diaphragm
1 only	1105-2002	Diaphragm
1 only	3804-0004	Poppet

Repair Kits**Model 3329**

1 only	1101-0008	"O" Ring
1 only	1101-0031	"O" Ring
1 only	1101-0208	"O" Ring
1 only	1101-2040	"O" Ring (metric)
1 only	1102-0005	"U" Cup
1 only	1102-0008	"U" Cup
1 only	1105-2004	Diaphragm
1 only	3329-0008	Poppet

Model 3330Same as Model **3326****Model 3403**

5 only	1101-0012	"O" Ring
4 only	1101-0016	"O" Ring
2 only	1101-0024	"O" Ring
2 only	1102-0007	"U" Cup
1 only	3609-0013	Gasket
2 only	3804-0004	Poppet

Model 3405

2 only	1101-0014	"O" Ring
1 only	1101-0016	"O" Ring
2 only	1101-0024	"O" Ring
2 only	1101-0029	"O" Ring
2 only	1101-0030	"O" Ring
2 only	1101-0113	"O" Ring
2 only	1102-0020	"U" Cup
2 only	3808-0003	Poppet

Model 3514

1 only	1101-0010	"O" Ring
2 only	1101-0014	"O" Ring
1 only	3803-0004	Poppet

Model 3515

	(1 x 3706)	
3 only	1101-0012	"O" Ring
2 only	1101-0016	"O" Ring
1 only	3515-0015	Gasket
1 only	3804-0004	Poppet

Model 3516Same as Model **3514****Model 3517**Same as Model **3514**

Repair Kits

<u>Model 3604</u>	(1 x 3803)	
1 only	1101-0008	"O" Ring
5 only	1101-0010	"O" Ring
4 only	1101-0014	"O" Ring
1 only	3604-0011	Gasket
2 only	3803-0004	Poppet
<u>Model 3609</u>	(1 x 3804)	
5 only	1101-0012	"O" Ring
4 only	1101-0016	"O" Ring
1 only	3609-0013	Gasket
2 only	3804-0004	Poppet
<u>Model 3706</u>		
3 only	1101-0012	"O" Ring
2 only	1101-0016	"O" Ring
1 only	3804-0004	Poppet
<u>Model 3803</u>		
1 only	1101-0008	"O" Ring
5 only	1101-0010	"O" Ring
4 only	1101-0014	"O" Ring
2 only	3803-0004	Poppet
<u>Model 3804</u>		
5 only	1101-0012	"O" Ring
4 only	1101-0016	"O" Ring
2 only	3804-0004	Poppet
<u>Model 3808</u>		
2 only	1101-0014	"O" Ring
1 only	1101-0016	"O" Ring
2 only	1101-0024	"O" Ring
2 only	1101-0029	"O" Ring
2 only	1101-0113	"O" Ring
2 only	3808-0003	Poppet
<u>Model 3903</u>		
1 only	1101-0033	"O" Ring
1 only	1105-0001	Diaphragm
<u>Model 3905</u>		
1 only	1101-0033	"O" Ring
1 only	1105-0002	Diaphragm

Repair Kits**Model 4004**

4 only	1101-0228	"O" Ring
4 only	1102-0006	"U" Cup
4 only	1102-0032	"U" Cup

Model 4105

1 only	1101-0149	"O" Ring
1 only	1102-0063	"U" Cup

Model 4106

1 only	1104-2002	Diaphragm
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Model 4107

1 only	1101-0012	"O" Ring
2 only	1102-0006	"U" Cup
1 only	1104-2004	Diaphragm

Model 4108

1 only	1101-0012	"O" Ring
2 only	1102-0007	"U" Cup
1 only	1104-2003	Diaphragm

Model 4165

1 only	1101-0222	"O" Ring
1 only	1101-0228	"O" Ring
1 only	1102-0003	"U" Cup
2 only	1102-0011	"U" Cup
1 only	1102-0013	"U" Cup
1 only	1104-2004	Diaphragm

Model 4204

1 only	1101-0033	"O" Ring
1 only	1101-0222	"O" Ring
2 only	1102-0005	"U" Cup

Model 4207

1 only	1101-0040	"O" Ring
1 only	1101-0228	"O" Ring
2 only	1102-0006	"U" Cup

Model 4208

1 only	1101-0156	"O" Ring
1 only	1101-0342	"O" Ring
2 only	1102-0007	"U" Cup

Repair Kits**Model 4221**

2 only	1101-0012	"O" Ring
4 only	1102-0006	"U" Cup
2 only	1104-2004	Diaphragm

Model 4224

2 only	1101-0012	"O" Ring
4 only	1102-0007	"U" Cup
2 only	1104-2003	Diaphragm

Model 4312Same as Model **1690****Model 4316**

2 only	1105-0016	Diaphragm
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Model 4324Same as Model **1698-A****Model 4325**

2 only	1105-0024	Diaphragm
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Model 4336Same as Model **1704-A****Model 4412**Same as Model **1695-B****Model 4424**Same as Model **1698-B** or **1698-G****Model 4425**

1 only	ACH-0439	"O" Ring
1 only	ACH-0254	"O" Ring
1 only	ACH-0014	"O" Ring
1 only	ACH-959-49	Wiper

Model 4436Same as Model **1704-B** or **1704-G**

Repair Kits**Model 4600**

4 only	1101-0012	"O" Ring
1 only	1101-0232	"O" Ring
1 only	1101-0334	"O" Ring
2 only	1102-0006	"U" Cup

** Old models having the gasket should replace the gasket with Loctite gasket eliminator (515 sealant) or equivalent.

Model 4601 (Sand Cast# 85)

2 only	1101-0228	"O" Ring
1 only	1102-0032	"U" Cup
2 only	1102-1003	"U" Cup
2 only	1102-1006	"U" Cup

Model 4602

1 only	1101-0031	"O" Ring
1 only	1102-0052	"U" Cup
* 2 only	1102-1001	"U" Cup
* 2 only	1102-1005	"U" Cup

* Doubled U-Cups in Dec/87 (to prevent leaks)

Model 4603

1 only	1101-0129	"O" Ring
1 only	1101-0326	"O" Ring
4 only	1102-0002	"U" Cup
2 only	1102-0006	"U" Cup

Model 4604

1 only	1101-0129	"O" Ring
1 only	1101-0324	"O" Ring
2 only	1102-1001	"U" Cup
2 only	1102-1006	"U" Cup

Model 4605-4RK

3 only	1101-0012	"O" Ring
1 only	1101-0020	"O" Ring
2 only	1101-0129	"O" Ring
2 only	1102-0001	"U" Cup
2 only	1102-2006-H	"U" Cup
2 only	1102-0052	"U" Cup
2 only	4605-0014	Gasket
1 only	4605-0015	Gasket

Repair Kits**Model 4605-6RK**

5 only	1101-0012	"O" Ring
1 only	1101-0020	"O" Ring
2 only	1101-0129	"O" Ring
2 only	1102-0001	"U" Cup
2 only	1102-2006-H	"U" Cup
2 only	1102-0052	"U" Cup
2 only	4605-0014	Gasket
1 only	4605-0015	Gasket
1 only	4605-0016	Gasket

Model 4605-8RK

5 only	1101-0012	"O" Ring
1 only	1101-0020	"O" Ring
2 only	1101-0129	"O" Ring
2 only	1102-0001	"U" Cup
2 only	1102-2006-H	"U" Cup
2 only	1102-0052	"U" Cup
2 only	4605-0014	Gasket
1 only	4605-0015	Gasket
2 only	4605-0016	Gasket

Model 4605-8SA-RK

4 only	1101-0012	"O" Ring
2 only	1102-0001	"U" Cup
2 only	4605-0014	Gasket
1 only	4605-0015	Gasket
2 only	4605-0016	Gasket

Model 4628

3 only	1101-0023	"O" Ring
1 only	1101-0213	"O" Ring
2 only	1102-0003	"U" Cup
1 only	1102-0005	"U" Cup
2 only	1102-0025	"U" Cup

Model 4630

1 only	1101-0214	"O" Ring
1 only	1102-0003	"U" Cup
1 only	1102-0007	"U" Cup
1 only	3217-RK	Repair Kit
1 only	4221-RK	Repair Kit
1 only	7510-RK	Repair Kit

Repair Kits

<u>Model 4806</u>		"Open"	
2 only	1101-0010	"O" Ring	
1 only	1101-0011	"O" Ring	
2 only	1101-0012	"O" Ring	
1 only	1101-0014	"O" Ring	
1 only	3803-0004	Poppet	
1 only	4806-0005	Tank Seal	
1 only	4806-0010	Flow Control Seal	
 <u>Model 4806-C</u>		"Closed"	
1 only	4806-0005	Tank Seal	

Repair Kits**BRAKES**Model 5002

1 only	1101-0225	"O" Ring
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Model 5004

1 only	1101-0222	"O" Ring
1 only	1101-0250	"O" Ring

Model 5018

2 only	1101-0227	"O" Ring
2 only	1101-0445	"O" Ring

Model 5019-A

1 only	6107-RK	Repair Kit
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Model 5019-S

1 only	6207-RK	Repair Kit
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Model 5020-A

1 only	6112-RK	Repair Kit
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Model 5020-S

1 only	6212-RK	Repair Kit
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Model 5021-A

1 only	6112-RK	Repair Kit
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Model 5021-S

1 only	6212-RK	Repair Kit
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Model 5022-A

2 only	6112-RK	Repair Kit
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Repair Kits

<u>Model 5022-S</u>	2 only	6212-RK	Repair Kit
<u>Model 5023-A</u>	1 only	6120-RK	Repair Kit
<u>Model 5023-S</u>	1 only	6230-RK	Repair Kit
<u>Model 5024-A</u>	1 only	6130-RK	Repair Kit
<u>Model 5024-S</u>	1 only	6230-RK	Repair Kit
<u>Model 5025-A</u>	1 only	6120-RK	Repair Kit
<u>Model 5025-S</u>	1 only	6230-RK	Repair Kit
<u>Model 5026-A</u>	2 only	6120-RK	Repair Kit
<u>Model 5027-A</u>	2 only	6130-RK	Repair Kit
<u>Model 5027-S</u>	2 only	6230-RK	Repair Kit
<u>Model 5027-H</u>	2 only	6210-RK	Repair Kit
<u>Model 5030-A</u>	4 only	(1736) old part # (2 x 4316 Pot) 1105-0016	Diaphragm
<u>Model 5034-A</u>	4 only	(2 x 4324 Pot) 1105-0024	Diaphragm

Repair Kits**Model 5034-S**

1 only	3636	Spring Pot
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Model 5036-S

1 only	3636	Spring Pot
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Model 5038-A (old part # is 1732)

4 only	1105-0024	Diaphragm
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Model 5038-S (old part is # 1732)

1 only	3636	Spring Pot
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Model 5054-A (old part # is 1714-A)

2 only	1101-0333	"O" Ring
2 only	1101-0450	"O" Ring

Model 5054-S (old part # is 1714-B)

4 only	1101-0273	"O" Ring
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Model 6107

1 only	1101-0232	"O" Ring
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Model 6112

1 only	1101-0161	"O" Ring
2 only	1105-0012	Diaphragm

Model 6120

1 only	1101-2166	"O" Ring
2 only	1105-0020	Diaphragm

Model 6130

1 only	1101-1265	"O" Ring
2 only	1105-0030	Diaphragm

Model 6207

1 only	1101-0212	"O" Ring
1 only	1101-0236	"O" Ring
1 only	1101-0024	"O" Ring

Model 6210

1 only	1102-0059	"U" Cup
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Repair Kits**Model 6212**

1 only	1101-0214	"O" Ring
1 only	1101-0248	"O" Ring
1 only	1101-0026	"O" Ring

Model 6230 (Built before 1995)

1 only	1101-0218	"O" Ring
1 only	1101-0259	"O" Ring

Model 6230-RKU (Built in 1995 with "U" Cups)

1 only	1102-0026	"U" Cup
1 only	1102-0060	"U" Cup

Model 6230-RKW (Built after 1995 with a Wiper)

1 only	1101-0030	"O" Ring
1 only	1101-1361	"O" Ring
1 only	1102-3026	"U" Cup
1 only	6230-94013	Wiper

Model 6236

1 only	1101-0270	"O" Ring
2 only	1105-0036	Diaphragm

Repair Kits**STEERING**Model 7003

2 only	1101-0008	"O" Ring
2 only	1101-0010	"O" Ring
1 only	1101-0012	"O" Ring
3 only	1101-0015	"O" Ring
7 only	1101-0018	"O" Ring
1 only	1101-0026	"O" Ring
1 only	1101-0030	"O" Ring
1 only	1101-0156	"O" Ring
1 only	7003-7831	Front Seal

Model 7003 Front Seal Assembly

1 only	7003-0003	Front Seal Retainer
1 only	7003-7831	Front Seal
1 only	1101-0030	"O" Ring

Model 7004

2 only	1101-0010	"O" Ring
2 only	1101-0011	"O" Ring
7 only	1101-0014	"O" Ring
1 only	1101-0015	"O" Ring
2 only	1101-0017	"O" Ring
1 only	1101-0029	"O" Ring
1 only	1101-0030	"O" Ring
1 only	1101-0046	"O" Ring
1 only	1102-4021	"U" Cup

Model 7004 Front Seal Assembly

1 only	7004-1005	Seal Retainer
1 only	1101-0030	"O" Ring
1 only	1102-4021	"U" Cup

Model 7005

2 only	1101-0010	"O" Ring
2 only	1101-0011	"O" Ring
1 only	1101-0012	"O" Ring
3 only	1101-0017	"O" Ring
7 only	1101-0022	"O" Ring
1 only	1101-0029	"O" Ring
1 only	1101-0032	"O" Ring
1 only	1101-0158	"O" Ring
1 only	7005-11130	Front Seal

Model 7005 Front Seal Assembly

1 only	7005-0003	Front Seal Retainer
1 only	7005-11130	Front Seal
1 only	1101-0032	"O" Ring

Model 7012

2 only	1101-0010	"O" Ring
1 only	1101-0012	"O" Ring
2 only	1101-0014	"O" Ring
1 only	1101-0017	"O" Ring
2 only	1101-0021	"O" Ring
7 only	1101-0026	"O" Ring
1 only	1101-0031	"O" Ring
1 only	1101-0032	"O" Ring
1 only	1101-0163	"O" Ring
1 only	7005-11130	Front Seal

Model 7012 Front Seal Assembly

1 only	7012-0003	Front Seal Retainer
1 only	7005-11130	Front Seal
1 only	1101-0032	"O" Ring

Model 7020

1 only	1101-0011	"O" Ring
2 only	1101-0012	"O" Ring
2 only	1101-0015	"O" Ring
1 only	7020-0008	Seal
1 only	7020-0009	Seal

Model 7030

1 only	1101-0016	"O" Ring
2 only	1101-0024	"O" Ring
2 only	1102-0018	"U" Cup
2 only	1102-2006-H	"U" Cup

Model 7031

2 only	1101-0008	"O" Ring
2 only	1101-0010	"O" Ring
3 only	1101-0015	"O" Ring
1 only	1101-0026	"O" Ring
1 only	1101-0046	"O" Ring
1 only	1102-2020	"U" Cup
5 only	1101-0014	"O" Ring

Model 7032

1 only	1101-0016	"O" Ring
2 only	1101-0024	"O" Ring
2 only	1102-0018	"U" Cup
2 only	1102-2006-H	"U" Cup

Model 7033

2 only	1101-0125	"O" Ring
1 only	1101-0018	"O" Ring
2 only	1102-0026	"U" Cup
2 only	1102-3008	"U" Cup

Model 7040-B or 7040-BX

1 only	1101-0016	"O" Ring
2 only	1101-0125	"O" Ring
2 only	1102-0026	"U" Cup
2 only	1102-2006-H	"U" Cup
1 only	7040-0013	Wear Ring

Model 7040-ULT (bal)

1 only	1101-0029	"O" Ring
1 only	1102-6010	Wiper
1 only	7040-B-RK	7040-B Repair Kit

Model 7040-T

1 only	1101-0016	"O" Ring
2 only	1101-0125	"O" Ring
1 only	1101-0224	"O" Ring
2 only	1102-2006-H	"U" Cup
2 only	1102-0026	"U" Cup
1 only	1102-6010	Wiper
1 only	7040-0013	Wear Ring

Model 7040-U or 7040-UX

1 only	1101-0014	"O" Ring
2 only	1101-0125	"O" Ring
2 only	1102-0026	"U" Cup
1 only	1102-2006-H	"U" Cup
1 only	7040-0013	Wear Ring

Model 7040-ULT (unbal)

1 only	1101-0029	"O" Ring
1 only	1102-6010	Wiper
1 only	7040-U-RK	7040-U Repair Kit

Model 7050-B and 7050-BX

1 only	1101-0018	"O" Ring
2 only	1101-0133	"O" Ring
2 only	1102-0029	"U" Cup
2 only	1102-2007	"U" Cup
1 only	7050-0013	Wear Ring

Model 7050-B-ULT

2 only	1101-0033	"O" Ring
1 only	1102-6012	"Wiper
1 only	7050-B-RK	7050-B Repair Kit

Model 7050-U and 7050-UX

1 only	1101-0016	"O" Ring
2 only	1101-0133	"O" Ring
2 only	1102-0029	"U" Cup
1 only	1102-2007	"U" Cup
1 only	7050-0013	Wear Ring

Model 7050-U-ULT

2 only	1101-0033	"O" Ring
1 only	1102-6012	"Wiper
1 only	7050-U-RK	7050-U Repair Kit

Model 7065-B

1 only	1101-0120	"O" Ring
2 only	1101-0141	"O" Ring
2 only	1102-0032	"U" Cup
2 only	1102-2009-H	"U" Cup
1 only	7065-0013	Wear Ring

Model 7065-U

1 only	1101-0118	"O" Ring
2 only	1101-0141	"O" Ring
2 only	1102-0032	"U" Cup
1 only	1102-2009-H	"U" Cup
1 only	7065-0013	Wear Ring

Model 7065-SB

2 only	1101-0010	"O" Ring
1 only	1101-0014	"O" Ring
2 only	1101-0020	"O" Ring
4 only	1102-0005-B	"U" Cup
2 only	1102-0062-B	"U" Cup
2 only	1102-2007	"U" Cup
2 only	1102-3005B	"U" Cup
1 only	1024-0510	Spring Pin
1 only	7147-0060	Gasket
1 only	7065-B-RK	7065-B Repair Kit

Model 7067-U

1 only	1101-0031	"O" Ring
1 only	1101-0118	"O" Ring
2 only	1101-0141	"O" Ring
1 only	1102-2021	"U" Cup
2 only	1102-2032	"U" Cup
1 only	1102-6020	Rod Wiper
1 only	7065-0013	Wear Ring

Model 7080-B (Standard repair kit for balanced 7080)

1 only	1101-0218	"O" Ring
2 only	1101-0232	"O" Ring
2 only	1102-2021	"U" Cup
2 only	1102-2035	"U" Cup
1 only	7080-0013	Wear Ring

Model 7080-BX

1 only	1101-0218	"O" Ring
2 only	1101-0232	"O" Ring
2 only	1102-0035	"U" Cup
2 only	1102-2021	"U" Cup
1 only	7080-0013	Wear Ring

Model 7080-U

2 only	1101-0232	"O" Ring
1 only	1101-0214	"O" Ring
1 only	1102-2021	"U" Cup
2 only	1102-2035	"U" Cup
1 only	7080-0013	Wear Ring

Model 7080-UX

2 only	1101-0232	"O" Ring
1 only	1101-0214	"O" Ring
1 only	1102-2021	"U" Cup
2 only	1102-0035	"U" Cup
1 only	7080-0013	Wear Ring

Model 7085-B

1 only	1101-0222	"O" Ring
2 only	1101-0236	"O" Ring
2 only	1102-2037	"U" Cup
2 only	1102-2028	"U" Cup
1 only	7085-0041	Wear Ring

Model 7085-BX

1 only	1101-0222	"O" Ring
2 only	1101-0236	"O" Ring
2 only	1102-0038	"U" Cup
2 only	1102-2028	"U" Cup
1 only	7085-0041	Wear Ring

Model 7085-SU

2 only	1101-0024	"O" Ring	
1 only	1101-0016	"O" Ring	
2 only	1101-0109	"O" Ring	
1 only	1101-0216	"O" Ring	
2 only	1101-0236	"O" Ring	
2 only	1102-0005B	"U" Cup	(After Jan 2012)
4 only	1102-0007B	"U" Cup	(After Jan 2012)
2 only	1102-2020	"U" Cup	
2 only	1102-2037	"U" Cup	
1 only	1102-2028	"U" Cup	
2 only	1102-2006-H	"U" Cup	
1 only	7085-0041	Wear Ring	
1 only	7085-0042	Gasket	
1 only	1024-0810	Spring Pin	

Model 7085-SB

2 only	1101-0024	"O" Ring	
1 only	1101-0016	"O" Ring	
2 only	1101-0109	"O" Ring	
1 only	1101-0222	"O" Ring	
2 only	1101-0236	"O" Ring	
2 only	1102-0005B	"U" Cup	(After Jan 2012)
4 only	1102-0007B	"U" Cup	(After Jan 2012)
2 only	1102-2020	"U" Cup	
2 only	1102-2037	"U" Cup	
2 only	1102-2028	"U" Cup	
2 only	1102-2006-H	"U" Cup	
1 only	7085-0041	Wear Ring	
1 only	7085-0042	Gasket	
1 only	1024-0810	Spring Pin	

Model 7085-U

1 only	1101-0216	"O" Ring	
2 only	1101-0236	"O" Ring	
1 only	1102-2028	"U" Cup	
2 only	1102-2037	"U" Cup	
1 only	7085-0041	Wear Ring	

Model 7085-SA (Spool assembly only)

2 only	1101-0109	"O" Ring	
2 only	1102-0005B	"U" Cup	
4 only	1102-0007B	"U" Cup	
1 only	7085-0042	Gasket	
1 only	1024-0810	Spring pin	

Model 7085-S (Servo cylinder only)

1 only	1101-0016	"O" Ring	
2 only	1101-0024	"O" Ring	
2 only	1102-2020	"U" Cup	
2 only	1102-2006-H	"U" Cup	

Model 7087-B

1 only	1101-0138	"O" Ring
1 only	1101-0224	"O" Ring
2 only	1102-2031-H	"U" Cup
2 only	1102-2037	"U" Cup
2 only	1102-6028-H	Rod Wiper
1 only	7085-0041	Wear Ring

Model 7087-U

1 only	1101-0138	"O" Ring
1 only	1101-0218	"O" Ring
2 only	1101-0236	"O" Ring
1 only	1102-2031-H	"U" Cup
2 only	1102-2037	"U" Cup
1 only	1102-6028-H	Rod Wiper
1 only	7085-0041	Wear Ring

Model 7090-U

1 only	1101-0222	"O" Ring
1 only	1101-0231	"O" Ring
2 only	1101-0244	"O" Ring
1 only	1102-2050-H	"U" Cup
2 only	1102-2054	"U" Cup
1 only	1102-6036	Rod Wiper
1 only	7090-0009	Wear Ring

Model 7093-B

1 only	1101-0224	"O" Ring
2 only	1101-0240	"O" Ring
2 only	1102-2053	"U" Cup
2 only	1102-2058	"U" Cup (remove insert)
1 only	7093-0013	Wear Ring

Model 7093-U

1 only	1101-0218	"O" Ring
2 only	1101-0240	"O" Ring
2 only	1102-2053	"U" Cup
1 only	1102-2058	"U" Cup (remove insert)
1 only	7093-0013	Wear Ring

Model 7094D

1 only	1101-0220	"O" Ring
2 only	1101-0240	"O" Ring
2 only	1102-2053	"U" Cup
1 only	7094D-0033	V-Pack
1 only	7093-0013	Wear Ring

Model 7094-DL

1 only	1101-0220	"O" Ring
2 only	1101-0240	"O" Ring
2 only	1102-2053	"U" Cup
1 only	7094-0033	V-Pack (special)
1 only	7093-0013	Wear Ring

Model 7095 (sand cast)

2 only	1101-0222	"O" Ring
2 only	1101-0248	"O" Ring
2 only	1102-2055	"U" Cup
1 only	7094-0033	V-Pack (special)
1 only	7095-0032	Wear Ring

Model 7095D (die cast)

2 only	1101-0224	"O" Ring
2 only	1101-0248	"O" Ring
2 only	1102-2055	"U" Cup
1 only	7095D-0033	V-Pack (special)
1 only	7095-0032	Wear Ring

Model 7096

Same as 7096

Model 7096D (die cast)

1 only	1101-0230	"O" Ring
2 only	1101-0256	"O" Ring
2 only	1102-2045	"U" Cup
1 only	7096-0032	Wear Ring
1 only	7096-0033	"V" Packing

Model 7120

2 only	1101-0014	"O" Ring
2 only	1101-0016	"O" Ring
1 only	7120-0008	Gasket
1 only	7120-0009	Gasket
2 only	7120-0010	Gasket

Model 7142

1 only	1101-0016	"O" Ring
2 only	1101-0125	"O" Ring
1 only	1101-0224	"O" Ring
2 only	1102-0026	"U" cup
2 only	1102-0064	"U" cup
2 only	1102-2006-H	"U" Cup
1 only	7040-0013	Wear Ring

Model 7143

1 only	1101-0020	"O" Ring
1 only	1101-0026	"O" Ring
1 only	1101-0206	"O" Ring

Model 7144

1 only	1101-0006	"O" Ring
1 only	1101-0010	"O" Ring
2 only	1101-0012	"O" Ring
1 only	1101-0016	"O" Ring
2 only	7144-0006	Gasket

Not Supplied: 4 only "O" Rings per solenoid.

Model 7145

1 only	1101-0006	"O" Ring
2 only	1101-0011	"O" Ring
2 only	1101-0012	"O" Ring
1 only	7145-0008	Gasket
1 only	7145-0009	Gasket
1 only	7145-0010	Gasket
2 only	7145-0011	Gasket
1 only	7145-0012	Gasket
1 only	7145-0013	Gasket

Not Supplied: 4 only "O" Rings per solenoid. Total of 8.

Model 7146

1 only	1101-0012	"O" Ring
2 only	1101-0018	"O" Ring
1 only	7146-0017	Gasket

Model 7147

2 only	1101-0010	"O" Ring
1 only	1101-0014	"O" Ring
2 only	1101-0020	"O" Ring
1 only	1101-0022	"O" Ring
2 only	1101-0133	"O" Ring
4 only	1102-0005B	"U" Cup
2 only	1102-0029	"U" Cup
2 only	1102-0062B	"U" Cup
2 only	1102-2007	"U" Cup
2 only	1102-2009-H	"U" Cup
2 only	1102-3005B	"U" Cup
1 only	7050-0013	Wear ring
1 only	7147-0060	Gasket
1 only	1024-0510	Spring Pin

*replaced 1102-2007 with 1102-0007
for 7147-RK-HELMSMAN

Model 7148

5 only	1101-0010	"O" Ring	
2 only	1101-0012	"O" Ring	
1 only	1101-0014	"O" Ring	
2 only	1101-0015	"O" Ring	
2 only	1101-0016	"O" Ring	
2 only	1101-0017	"O" Ring	
2 only	1101-0021	"O" Ring	
2 only	1101-0022	"O" Ring	
1 only	1101-0116	"O" Ring	
2 only	1101-0228	"O" Ring	
4 only	1102-0007	"U" Cup	
2 only	1102-0057	"U" Cup	
4 only	1102-2009	"U" Cup	
1 only	1102-3007	"U" Cup	
1 only	7148-0068	Wear Ring	
1 only	7148-0073	Gasket	Channel (long)
1 only	7148-0074	Gasket	Channel (short)
1 only	7148-0075	Gasket	Solenoid supply
1 only	7148-0076	Gasket	Return oil
1 only	7148-0077	Gasket	Left channel
2 only	7148-0078	Gasket	Servo piston
1 only	7148-0079	Gasket	Right channel
1 only	7148-0090	Gasket	Return cover
2 only	7005-0031	Spring seat	
2 only	7012-0031	Spring seat	

Model 7158

7 only	1101-0010	"O" Ring	
2 only	1101-0016	"O" Ring	
2 only	1101-0017	"O" Ring	
2 only	1101-0022	"O" Ring	
1 only	1101-0024	"O" Ring	
2 only	1101-0028	"O" Ring	
2 only	1101-0030	"O" Ring	
1 only	1101-0116	"O" Ring	
2 only	1101-0224	"O" Ring	
2 only	1101-0228	"O" Ring	
4 only	1102-0007	"U" Cup	
2 only	1102-0009	"U" Cup	
1 only	1102-0011	"U" Cup	
2 only	1102-0057	"U" Cup	
2 only	1102-2026	"U" Cup	
1 only	7158-0029	Gasket	Main spool
1 only	7158-0031	Gasket	Manifold plate to right
1 only	7158-0032	Gasket	Manifold plate to left
4 only	7158-0033	Gasket	Spool valve
2 only	7158-0034	Gasket	Manifold extension plate
1 only	7148-0075	Gasket	Solenoid supply
1 only	7148-0076	Gasket	Return oil
1 only	7148-0077	Gasket	Left channel
2 only	7148-0078	Gasket	Servo piston

1 only	7148-0079	Gasket	Right channel
<u>Model 7170</u>			
4 only	1101-0008	"O" Ring	
1 only	1101-0014	"O" Ring	
1 only	1101-0042	"O" Ring	
<u>Model 7171</u>			
1 only	1101-0014	"O" Ring	
1 only	7171-0026	Seal	
<u>Model 7174</u>			
1 only	1101-0016	"O" Ring	
1 only	7174-0027	Gasket	
<u>Model 7201</u>			
3 only	1101-0006	"O" Ring	
5 only	1101-0012	"O" Ring	
3 only	1101-0015	"O" Ring	
2 only	1101-0017	"O" Ring	
1 only	1101-0039	"O" Ring	
1 only	7201-3680	Seal	

Part#	Description
1101-0006	"O" Ring 1/4 x 1/8 x 1/16
1101-0008	"O" Ring 5/16 x 3/16 x 1/16
1101-0010	"O" Ring 3/8 x 1/4 x 1/16
1101-0011	"O" Ring 7/16 x 5/16 x 1/16
1101-0012	"O" Ring 1/2 x 3/8 x 1/16
1101-0013	"O" Ring 9/16 x 7/16 x 1/16
1101-0014	"O" Ring 5/8 x 1/2 x 1/16
1101-0015	"O" Ring 11/16 x 9/16 x 1/16
1101-0016	"O" Ring 3/4 x 5/8 x 1/16
1101-0017	"O" Ring 13/16 x 11/16 x 1/16
1101-0017-9	"O" Ring 13/16 x 11/16 x 1/16 - 90D
1101-0018	"O" Ring 7/8 x 3/4 x 1/16
1101-0019	"O" Ring 15/16 x 13/16 x 1/16
1101-0020	"O" Ring 1 x 7/8 x 1/16
1101-0021	"O" Ring 1 1/16 X 15/16 X 1/16
1101-0022	"O" Ring 1 1/8 x 1 x 1/16
1101-0023	"O" Ring 1 3/16 x 1 1/16 x 1/16
1101-0024	"O" Ring 1 1/4 x 1 1/8 x 1/16
1101-0026	"O" Ring 1 3/8 x 1 1/4 x 1/16
1101-0028	"O" Ring 1 1/2 x 1 3/8 x 1/16
1101-0029	"O" Ring 1 5/8 x 1 1/2 x 1/16
1101-0030	"O" Ring 1 3/4 x 1 5/8 x 1/16
1101-0031	"O" Ring 1 7/8 x 1 3/4 x 1/16
1101-0032	"O" Ring 2 x 1 7/8 x 1/16
1101-0033	"O" Ring 2 1/8 x 2 x 1/16
1101-0036	"O" Ring 2 1/2 x 2 3/8 x 1/16
1101-0039	"O" Ring 2 7/8 x 2 3/4 x 1/16
1101-0040	"O" Ring 3 x 2 7/8 x 1/16
1101-0042	"O" Ring 3 3/8 x 3 1/4 x 1/16
1101-0043	"O" Ring 3 5/8 x 3 1/2 x 1/16
1101-0046	"O" Ring 4 3/8 x 4 1/4 x 1/16
1101-0050	"O" Ring 5 3/8 x 5 1/4 x 1/16
1101-0109	"O" Ring 1/2 x 5/16 x 3/32
1101-0110	"O" Ring 9/16 x 3/8 x 3/32
1101-0111	"O" Ring 5/8 x 7/16 x 3/32
1101-0113	"O" Ring 3/4 x 9/16 x 3/32
1101-0115	"O" Ring 7/8 x 11/16 x 3/32
1101-0116	"O" Ring 15/16 x 3/4 x 3/32
1101-0117	"O" Ring 1 x 13/16 x 3/32
1101-0118	"O" Ring 1 1/16 x 7/8 x 1/8
1101-0120	"O" Ring 1 3/16 x 1 x 3/32
1101-0121	"O" Ring 1 1/4 x 1 1/16 x 3/32
1101-0123	"O" Ring 1 3/8 x 1 3/16 x 3/32
1101-0124	"O" Ring 1 7/16 x 1 1/4 x 3/32
1101-0125	"O" Ring 1 1/2 x 1 5/16 x 3/32
1101-0126	"O" Ring 1 9/16 x 1 3/8 x 3/32
1101-0129	"O" Ring 1 3/4 x 1 9/16 x 3/32

Part#	Description
1101-0132	"O" Ring 1 15/16 x 1 3/4 x 3/32
1101-0133	"O" Ring 2 x 1 13/16 x 3/32
1101-0134	"O" Ring 2 1/16 x 1 7/8 x 3/32
1101-0135	"O" Ring 2 1/8 x 1 15/16 x 3/32
1101-0136	"O" Ring 2 3/16 x 2 x 3/32
1101-0138	"O" Ring 2-5/16 x 2-1/8 x 3/32
1101-0139	"O" Ring 2 3/8 x 2 3/16 x 3/32
1101-0141	"O" Ring 2 1/2 x 2 5/16 3/32
1101-0147	"O" Ring 2 7/8 x 2 11/16 x 3/32
1101-0149	"O" Ring 3 x 2 13/16 X 3/32
1101-0151	"O" Ring 3 3/16 x 3 x 3/32
1101-0152	"O" Ring 3 7/16 x 3 1/4 x 3/32
1101-0156	"O" Ring 4 7/16 x 4 1/4 x 3/32
1101-0158	"O" Ring 4 15/16 x 4 3/4 x 3/32
1101-0161	"O" Ring 5 11/16 x 5 1/2 x 3/32
1101-0163	"O" Ring 6 3/16 x 6 x 3/32
1101-0165	"O" Ring 6 11/16 x 6 1/2 x 3/32
1101-0166	"O" Ring
1101-0177	"O" Ring 9 1/2 X 9 11/16 X 3/32
1101-0204	"O" Ring 5/8 x 3/8 x 1/8
1101-0206	"O" Ring 3/4 x 1/2 x 1/8
1101-0208	"O" Ring 7/8 x 5/8 x 1/8
1101-0210	"O" Ring 1 x 3/4 x 1/8
1101-0211	"O" Ring 1 1/16 x 13/16 x 1/8
1101-0212	"O" Ring 1 1/8 x 7/8 x 1/8
1101-0213	"O" Ring 1 3/16 x 15/16 x 1/8
1101-0214	"O" Ring 1 1/4 x 1 x 1/8
1101-0215	"O" Ring 1 5/16 x 1 1/16 x 1/8
1101-0216	"O" Ring 1 3/8 x 1 1/8 x 1/8
1101-0218	"O" Ring 1 1/2 x 1 1/4 x 1/8
1101-0220	"O" Ring 1 5/8 x 1 3/8 x 1/8
1101-0222	"O" Ring 1 3/4 x 1 1/2 x 1/8
1101-0223	"O" Ring 1 7/8 x 1 5/8 x 1/8
1101-0224	"O" Ring 2 x 1 3/4 x 1/8
1101-0225	"O" Ring 2 1/8 x 1 7/8 x 1/8
1101-0226	"O" Ring 2 1/4 x 2 x 1/8
1101-0227	"O" Ring 2 3/8 x 2 1/8 x 1/8
1101-0228	"O" Ring 2 1/2 x 2 1/4 x 1/8
1101-0230	"O" Ring 2 3/4 x 2 1/2 x 1/8
1101-0231	"O" Ring 2 7/8 x 2 5/8 x 1/8
1101-0232	"O" Ring 3 x 2 3/4 x 1/8
1101-0234	"O" Ring 3 1/4 x 3 x 1/8
1101-0236	"O" Ring 3 1/2 x 3 1/4 x 1/8
1101-0238	"O" Ring 3 3/4 x 3 1/2 x 1/8
1101-0240	"O" Ring 4 x 3 3/4 x 1/8
1101-0244	"O" Ring 4-1/2 x 4-1/4 x 1/8
1101-0248	"O" Ring 5 x 4 3/4 x 1/8
1101-0249	"O" Ring 5 1/8 x 4 7/8 x 1/8
1101-0250	"O" Ring 5 1/4 x 5 x 1/8
1101-0254	"O" Ring 5 3/4 X 5 1/2 X 1/8 (ACH-0254)

Part#	Description
1101-0256	"O" Ring 6 x 5 3/4 x 1/8
1101-0259	"O" Ring 6 1/2 x 6 1/4 x 1/8
1101-0265	Use 1101-1265
1101-0266	"O" Ring 8 1/4 x 8 x 1/8
1101-0270	"O" Ring 9 x 8 3/4 x 1/8
1101-0273	"O" Ring 10 x 9 3/4 x 1/8
1101-0324	"O" Ring 1 3/8 x 1 3/4 x 3/16
1101-0326	"O" Ring 2 x 1 5/8 x 3/16
1101-0327	"O" Ring 2 1/8 x 1 3/4 x 3/16
1101-0329	"O" Ring 2 3/8 x 2 x 3/16
1101-0330	"O" Ring 2 1/2 x 2 1/8 x 3/16
1101-0333	"O" Ring 2 7/8 x 2 1/2 x 3/16
1101-0334	"O" Ring 3 x 2 5/8 x 3/16
1101-0342	"O" Ring 4 x 3 5/8 x 3/16
1101-0361	"O" Ring 6 3/8 x 6 x 3/16
1101-0425	"O" Ring 5 x 4 1/2 x 1/4
1101-0431	"O" Ring 5 3/4 x 5 1/4 x 1/4
1101-0437	"O" Ring 6 1/2 x 6 x 1/4
1101-0438	"O" Ring 6 3/4 x 6 1/4 x 1/4
1101-0439	"O" Ring 7 x 6 1/2 x 1/4 (ACH-0439)
1101-0440	"O" Ring 7 1/4 x 6 3/4 x 1/4
1101-0445	"O" Ring 8 1/2 x 8 x 1/4
1101-0450	"O" Ring 11 x 10 x 1/4
1101-0452	"O" Ring 12 x 11 1/2 x 1/4
1101-0456	"O" Ring 14 x 13 1/2 x 1/4
1101-1244	"O" Ring 4 1/2x 4 1/4 x 1/8, URETHANE
1101-1265	"O" Ring 200 mm x 3.5 mm N 70
1101-1361	"O" Ring 6 3/8 x 6 3/16 x 3/16 90 Shore
1101-2026	"O" Ring 32 mm x 2 mm
1101-2031	"O" Ring 35mm x 31mm x 2mm
1101-2040	"O" Ring 40mm x 1.5mm
1101-2165	"O" Ring 174mm x 170mm x 2mm
1101-2166	"O" Ring 175mm x 170mm x 2.5mm
1101-3070	"O" Ring cord 1/16"
1101-3103	"O" Ring cord 3/32"
1102-0001	"U" Cup 1/2 x 5/16 x 3/32
1102-0002	"U" Cup 1/2 x 1/4 x 1/8
1102-0003	"U" Cup 5/8 x 3/8 x 1/8
1102-0004	"U" Cup 11/16 x 7/16 x 1/8
1102-0005	"U" Cup 3/4 x 1/2 x 1/8
1102-0006	"U" Cup 7/8 x 5/8 x 1/8
1102-0007	"U" Cup 1 x 3/4 x 1/8
1102-0008	"U" Cup 1 1/8 x 7/8 x 1/8
1102-0009	"U" Cup 1 1/4 x 1 x 1/8
1102-0010	"U" Cup 1 3/8 x 1 1/8 x 1/8
1102-0011	"U" Cup 1 1/2 x 1 1/4 x 1/8
1102-0012	"U" Cup 1 5/8 x 1 3/8 x 1/8
1102-0013	"U" Cup 1 3/4 x 1 1/2 x 1/8
1102-0014	"U" Cup 3/4 x 3/8 x 3/16

Part#	Description
1102-0015	"U" Cup 7/8 x 1/2 x 3/16
1102-0016	"U" Cup 1 x 5/8 x 3/16
1102-0017	"U" Cup 1 1/8 x 3/4 x 3/16
1102-0018	"U" Cup 1 1/4 x 7/8 x 3/16
1102-0019	"U" Cup 1 3/8 x 1 x 3/16
1102-0020	"U" Cup 1 1/2 x 1 1/8 x 3/16
1102-0021	"U" Cup 2 x 1 5/8 x 3/16
1102-0023	"U" Cup 1 x 1/2 x 1/4
1102-0024	"U" Cup 1 1/8 x 5/8 x 1/4
1102-0025	"U" Cup 1 3/16 x 11/16 x 1/4
1102-0026	"U" Cup 1 1/2 x 1 x 1/4
1102-0027	"U" Cup 1 3/4 x 1 1/4 x 1/4
1102-0028	"U" Cup 2 x 1 1/2 x 1/4
1102-0029	"U" Cup 2 x 1 3/8 x 5/16
1102-0030	"U" Cup 2 1/8 x 1 1/2 x 5/16
1102-0031	"U" Cup 2 1/8 x 1 3/4 x 5/16
1102-0032	"U" Cup 2 1/2 x 1 7/8 x 5/16
1102-0033	"U" Cup 2 5/8 x 2 x 5/16
1102-0034	"U" Cup 2 3/4 x 2 1/8 x 5/16
1102-0035	"U" Cup 3 x 2 3/8 x 5/16
1102-0036	"U" Cup 3 1/8 x 2 1/2 x 5/16
1102-0037	"U" Cup 3 1/4 x 2 1/2 x 3/8
1102-0038	"U" Cup 3 1/2 x 2 3/4 x 3/8
1102-0039	"U" Cup 3 3/8 x 2 5/8 x 3/8
1102-0040	"U" Cup 3 1/2 x 2 3/4 x 3/8
1102-0041	"U" Cup 3 5/8 x 2 5/8 x 3/8
1102-0042	"U" Cup 3 3/4 x 3 x 3/8
1102-0043	"U" Cup 4 x 3 1/4 x 3/8
1102-0044	"U" Cup 5 x 4 1/4 x 3/8
1102-0046	"U" Cup 12 x 11 1/4 x 3/8
1102-0047	"U" Cup 6 x 5 1/8 x 7/16
1102-0048	"U" Cup 8 x 7 x 1/2
1102-0049	"U" Cup 10 x 9 x 1/2
1102-0050	"U" Cup 5 x 4 x 1/2
1102-0051	"U" Cup 1 5/8 x 1 1/8 x 1/4
1102-0052	"U" Cup 1 3/4 x 1 3/8 x 3/16
1102-0054	"U" Cup 4 1/4 x 3 1/2 x 3/8
1102-0055	"U" Cup 2 7/8 x 2 1/4 x 5/16
1102-0056	"U" Cup 4 x 3 1/2 x 1/4
1102-0057	"U" Cup 2 1/2 x 2 x 1/4
1102-0058	"U" Cup 2 1/4 X 1 3/4 X 1/4
1102-0059	"U" Cup 3 1/2 X 3 X 1/4
1102-0060	"U" Cup 6 1/4 x 6 1/2 x 1/8 (6230)
1102-0061	"U" Cup 4 3/4 X 5 X 1/8 (6212)
1102-0062	"U" Cup 9/16 x 3/8 x 3/32
1102-0063	"U" Cup 2 1/2 X 2 1/8 X 3/16
1102-0064	"U" Cup 7/16" x 5/8" x 3/32"
1102-1001	"U" Cup 1/2 x 5/16 x 3/32 Viton
1102-1003	"U" Cup 3/8 x 5/8 x 1/8 Viton
1102-1005	"U" Cup 3/4 x 1/2 x 1/8 Viton

Part#	Description
1102-1006	"U" Cup 7/8 x 5/8 x 1/8 Viton
1102-1029	"U" Cup 2 x 1 3/8 x 5/16 Viton
1102-1040	"U" Cup 3 1/2 x 2 3/4 x 3/8 Viton
1102-1052	"U" Cup 1 3/4 x 1 3/8 x 3/16 Viton
1102-2001	"U" Cup 1/2 x 5/16 x 3/32 Urethane
1102-2005	"U" Cup 3/4 x 1/2 x 1/8 Urethane
1102-2006	"U" Cup 7/8 x 5/8 x 1/8 Urethane
1102-2006-H	"U" Cup 7/8 x 5/8 x 1/8 Hallite
1102-2007	"U" Cup 1 x 3/4 x 1/8 Ureth. (piston)
1102-2009	"U" Cup 1 1/4 x 1 x 1/8 Urethane
1102-2009-H	"U" Cup 1 1/4 X 1 X 1/8 . Hallite
1102-2010	"U" Cup 1 1/4 X 1 X 1/8 Urethane (rod)
1102-2011	UCup1 1/2x1 1/4x1/8UrethanUSE 1102-3026
1102-2020	"U" Cup 1 1/4 x 7/8 x 3/16 Urethane
1102-2021	"U" Cup 1 5/8 x 1 1/4 x 3/16 Urethane
1102-2026	"U" Cup 1 1/2 x 1 x 1/4 Urethane
1102-2027-H	"U" Cup 1 3/4 x 1 1/4 x 1/4 Hallite
1102-2028	"U" Cup 2 x 1 1/2 x 1/4 Urethane Rod&P
1102-2029	"U" Cup 2 x 1 3/8 x 5/16 Urethane
1102-2029-H	"U" Cup 2 x 1 3/8 x 5/16 Hallite
1102-2031	"U" Cup 2 1/8 x 1 3/4 x 1/4 Urethane
1102-2031-H	"U" Cup 2 1/8 x 1 3/4 x 1/4 Hallite
1102-2032	"U" Cup 2 1/2 x 1 7/8 x 5/16 Urethane
1102-2035	"U" Cup 3 x 2 3/8 x 5/16 Urethane
1102-2037	"U" Cup 3 1/2 x 2 3/4 x 3/8 Urethane
1102-2045	"U" Cup 6 x 5 1/4 x 3/8 Urethane
1102-2050	"U" Cup 2-5/8 x 2-1/4 x 3/8 Urethane
1102-2050-H	"U" Cup 2-5/8 x 2-1/4 x .335 Hallite
1102-2053	"U" Cup 4 x 3 1/4 x 3/8 Urethane
1102-2054	"U" Cup 4-1/2 x 3-3/4 x 3/8 Urethan R&P
1102-2055	"U" Cup 5 x 4 1/4 x 3/8 Urethane
1102-2058	"U" Cup 2 1/4 x 1 3/4 x 1/4 Urethane
1102-3005	"U" Cup 3/4 X 1/2 X 1/8 Poly Pack
1102-3006	"U" Cup 7/8 x 5/8 x 1/8 Poly Pack
1102-3007	"U" Cup 1 X 3/4 X 1/8 Ureth (7148)
1102-3008	"U" Cup 1 x 3/4 x 1/8 PolyPack, rod seal
1102-3009B	"U" Cup 1 1/4 x 1 x 1/8 Poly Pack
1102-3009S	"U" Cup 1 1/4 x 1 x 1/8 Poly Pack (std)
1102-3026	"U" Cup 1 1/2 X 1 1/4 X 1/8 Poly Pack
1102-3040	"U" Cup 5 1/4 x 4 1/2 x 3/8 Poly Pak
1102-3041	"U" Cup 5 1/4 x 4 1/2 x 3/8 Nitroxile
1102-3600	"U" Cup 6 1/2 x 6 x 1/4 Poly Pack
1102-3625	"U" Cup 6 3/4 x 6 1/4 x 1/4 Poly Pack
1102-3800B	"U" Cup 8 1/5 x 8 x .250 P/Pack Type B
1102-4021	Oil Seal 1 5/8 x 1 1/4 x 1/4 (7004HP)
1102-5001	"U" Cup 55 X 65 X 5 mm
1102-6010	Rod Wiper 5/8 x 7/8 x 1/8 (7040)
1102-6012	Rod Wiper 0.75 x 1.016 x 0.104 (7050)
1102-6020	Rod Wiper 1 1/4 x 1 5/8 x 3/16 (7067)
1102-6028-H	Rod Wiper 1 3/4 x 2 1/8 x 3/16 (7087)

Part#	Description
1102-6036	Rod Wiper 2-5/8 x 2-1/4 x 3/16
1102-6625	Rod Wiper 6 1/4 (94054)
1102-6800	Rod Wiper 8" (959-61)
1102-7005	"U" Cup 3/4 x 1/2 x 1/8 - carboxilat nit
1102-7007	"U" Cup 1 x 3/4 x 1/8 , carboxil. nitrox
1102-7107	"U" Cup 1 x 3/4 x 1/8 CN 90D
1102-8005	"U" Cup 1/2" ID x 3/4" OD x 1/8, 80D
1102-8007	"U" Cup 3/4" ID x 1" OD x 1/8, 80D