

VDP11



VDP12

Series VDP11, VDP12, VDP12H Enbloc Directional Control Valves

Service Parts

Bulletin HY14-2408-M1/US

aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



ENGINEERING YOUR SUCCESS.

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WARNING – USER RESPONSIBILITY

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SAFETY GUIDE

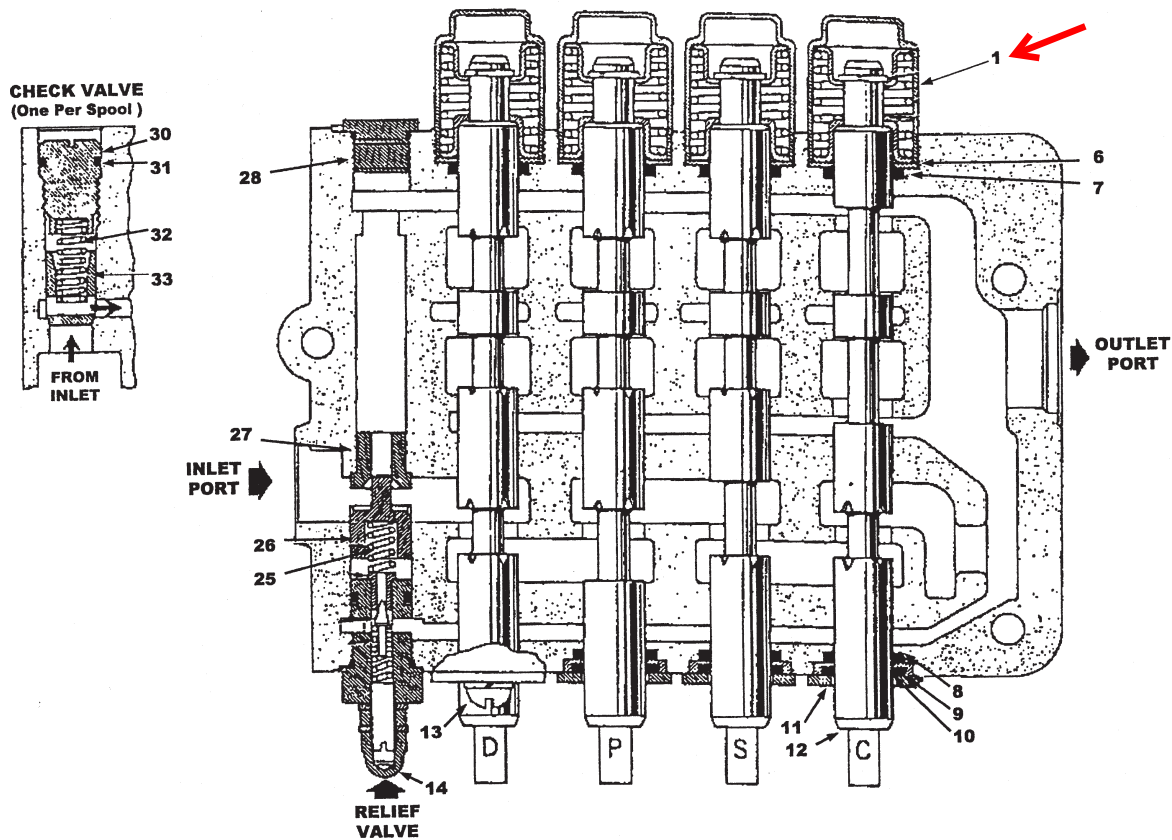
For safety information, see Safety Guide SG HY14-1000 at www.parker.com/safety or call 1-800-CParker.

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Standard VDP11, VDP12, VDP12H Parts Breakdown



| Item No. | Parker Part No. | Part Description |
|----------|-----------------------------------|---|
| 1 | 885023AP | Spool Cap Assembly |
| 6 | 552945 | O-Ring Retainer (Spring End) |
| 7 | 2116N-7 | O-Ring (Both Ends) |
| 8 | 2116N-7 | O-Ring (Both Ends) |
| 9 | 552479 | O-Ring Retainer (Eye End) |
| 10 | 552537 | Wiper (Eye End) - Seal Between Handle Bracket and Valve |
| 11 | 552922 | Retainer Plate (Eye End) |
| 12 | See Spool Assembly Chart at Right | |
| 13 | 885001 | Retainer Plate Screw |
| 13 | 36x9 | Lockwasher |
| 14 | 592644P | Relief Valve |
| 25 | 592099 | Main Relief Poppet Spring |
| 26 | 655361 | Main Relief Poppet |
| 27 | 592098 | Main Relief Seat |
| 28 | 8HP50N-S | Relief Plug |
| 30 | 825283 | Check Valve Cap |
| 31 | 2016N-7 | O-Ring (included w/item 30) |
| 32 | 552435 | Check Valve Spring |
| 33 | 602497 | Check Valve Poppet |

| Spool Code | Part No. | Description |
|---------------|----------|-------------------|
| VDP11 | | |
| C | 572027P | Spring Centered |
| D | 572024P | Spring Centered |
| P | 572026P | Spring Centered |
| S | 572025P | Spring Centered |
| C | 602809P | 3 Position Detent |
| D | 572214P | 3 Position Detent |
| P | 572216P | 3 Position Detent |
| S | 572215P | 3 Position Detent |
| VDP12H | | |
| C | 825487 | Spring Centered |
| D | 805607P | Spring Centered |
| P | 805606P | Spring Centered |
| S | 805605P | Spring Centered |
| C | 975012 | 3 Position Detent |
| D | 975011P | 3 Position Detent |
| P | 825074 | 3 Position Detent |
| VDP12 | | |
| C | 562352P | Spring Centered |
| D | 562092P | Spring Centered |
| P | 562094P | Spring Centered |
| S | 562093P | Spring Centered |
| C | 572261P | 3 Position Detent |
| D | 562251P | 3 Position Detent |
| P | 562253P | 3 Position Detent |
| S | 562252P | 3 Position Detent |

| Part No. | Description |
|-----------------|----------------------|
| VDP11/12 | |
| 562095P | Standard Check Valve |
| 592644P | Standard Relief |
| VDP12H | |
| 572434 | Standard Check Valve |
| 715253P | Standard Relief |

| Handle Assemblies | | | |
|--------------------|--------------|--------------------|--------------|
| No. Spool Sections | Kit Part No. | No. Spool Sections | Kit Part No. |
| 1 | 995036-1 | 4 | 995036-4 |
| 2 | 995036-2 | 5* | 995036-5 |
| 3 | 995036-3 | 6 | 995036-6 |

* N/A with VDP12/12H

| Common Service Parts For VDP11 | |
|---------------------------------------|---|
| Part Number | Description |
| 572027P | Spring Centered C Spool Assembly |
| 572025P | Spring Centered S Spool Assembly |
| 572026P | Spring Centered P Spool Assembly |
| 572024P | Spring Centered D Spool Assembly |
| 572214P | 3 Position Detented D Spool Assembly |
| 572215P | 3 Position Detented S Spool Assembly |
| 572216P | 3 Position Detented P Spool Assembly |
| 602809P | 3 Position Detented C Spool Assembly |
| 572023 | HPCO (Power Beyond) Sleeve for valves built prior to March 2004 |
| 995146 | HPCO (Power Beyond) Sleeve for valves built during and after March 2004 |
| 995036-1 | One Spool Handle Assembly |
| 995036-2 | Two Spool Handle Assembly |
| 995036-3 | Three Spool Handle Assembly |
| 995036-4 | Four Spool Handle Assembly |
| 995036-5 | Five Spool Handle Assembly |
| 592644P | Main Relief Valve Assembly |
| 562095P | Load Check Assembly |
| 885023AP | Spool Cap Assembly |
| 965024 | Spool Cap for Switch Assembly (Replaces 635794) |
| 965026 | Switch Assembly (Replaces 665330) |
| 612087P | Main Relief Plug Assembly |
| 775273 | Bleeder Plug for 775725 Spool Cap |
| 885014-1 | One Spool Valve Nitrile Seal Kit — VDP11, VDP12 |
| 885014-2 | Two Spool Valve Nitrile Seal Kit — VDP11, VDP12 |
| 885014-3 | Three Spool Valve Nitrile Seal Kit — VDP11, VDP12 |
| 885014-4 | Four Spool Valve Nitrile Seal Kit — VDP11, VDP12 |
| 885014-5 | Five Spool Valve Nitrile Seal Kit — VDP11, VDP12 |
| 885012-1 | One Spool Valve Fluorocarbon Seal Kit — VDP11 |
| 885012-2 | Two Spool Valve Fluorocarbon Seal Kit — VDP11 |
| 885012-3 | Three Spool Valve Fluorocarbon Seal Kit — VDP11 |
| 885012-4 | Four Spool Valve Fluorocarbon Seal Kit — VDP11 |
| 885012-5 | Five Spool Valve Fluorocarbon Seal Kit — VDP11 |
| 885017-1 | One Spool Valve Nitrile Rebuild Kit — VDP11 |
| 885017-2 | Two Spool Valve Nitrile Rebuild Kit — VDP11 |
| 885017-3 | Three Spool Valve Nitrile Rebuild Kit — VDP11 |
| 885017-4 | Four Spool Valve Nitrile Rebuild Kit — VDP11 |
| 885017-5 | Five Spool Valve Nitrile Rebuild Kit — VDP11 |
| 885016-1 | One Spool Valve Fluorocarbon Rebuild Kit — VDP11 |
| 885016-2 | Two Spool Valve Fluorocarbon Rebuild Kit — VDP11 |
| 885016-3 | Three Spool Valve Fluorocarbon Rebuild Kit — VDP11 |
| 885016-4 | Four Spool Valve Fluorocarbon Rebuild Kit — VDP11 |
| 885016-5 | Five Spool Valve Fluorocarbon Rebuild Kit — VDP11 |

| Common Service Parts For VDP12 | |
|---------------------------------------|---|
| Part Number | Description |
| 562352P | Spring Centered C Spool Assembly — VDP12 |
| 562093P | Spring Centered S Spool Assembly — VDP12 |
| 562094P | Spring Centered P Spool Assembly — VDP12 |
| 562092P | Spring Centered D Spool Assembly — VDP12 |
| 562251P | 3 Position Detented D Spool Assembly — VDP12 |
| 562252P | 3 Position Detented S Spool Assembly — VDP12 |
| 562253P | 3 Position Detented P Spool Assembly — VDP12 |
| 572261P | 3 Position Detented C Spool Assembly — VDP12 |
| 825487 | Spring Centered C Spool Assembly — VDP12H |
| 805605P | Spring Centered S Spool Assembly — VDP12H |
| 805606P | Spring Centered P Spool assembly — VDP12H |
| 805607P | Spring Centered D Spool Assembly — VDP12H |
| 975011P | 3 Position Detented D Spool Assembly — VDP12H |
| 825074 | 3 Position Detented P Spool Assembly — VDP12H |
| 975012 | 3 Position Detented C Spool Assembly — VDP12H |
| 562381 | HPCO (Power Beyond) Fitting — VDP12 & 12H |
| 995036-1 | One Spool Handle Assembly — VDP12 |
| 825067 | One Spool Handle Assembly — VDP12H |
| 995036-2 | Two Spool Handle Assembly — VDP12 |
| 995036-3 | Three Spool Handle Assembly — VDP12 |
| 995036-4 | Four Spool Handle Assembly — VDP12 |
| 995036-6 | Six Spool Handle Assembly — VDP12 |
| 592644P | Main Relief Valve Assembly — VDP12 & 12H |
| 715253P | Main Relief Valve Assembly — VDP12H |
| 612087P | Main Relief Valve Plug Assembly — VDP12 & 12H |
| 562095P | Load Check Assembly — VDP12 |
| 572434 | Load Check Assembly — VDP12 |
| 885023AP | Spool Cap Assembly — VDP12 or VDP12H |
| 775273 | Bleeder Plug for 775725 Spool Cap |
| 965024 | Spool Cap for Switch Assembly — VDP12 & 12H (Replaces 635794) |
| 965026 | Switch Assembly — VDP12 & 12H (Replaces 665330) |
| 885015-1 | One Spool Valve Nitrile Seal Kit — VDP12H |
| 885015-2 | Two Spool Valve Nitrile Seal Kit — VDP12H |
| 885015-3 | Three Spool Valve Nitrile Seal Kit — VDP12H |
| 885015-4 | Four Spool Valve Nitrile Seal Kit — VDP12H |
| 885015-6 | Six Spool Valve Nitrile Seal Kit — VDP12 & 12H |
| 885013-1 | One Spool Valve Fluorocarbon Seal Kit — VDP12 & 12H |
| 885013-2 | Two Spool Valve Fluorocarbon Seal Kit — VDP12 & 12H |
| 885013-3 | Three Spool Valve Fluorocarbon Seal Kit — VDP12 & 12H |
| 885013-4 | Four Spool Valve Fluorocarbon Seal Kit — VDP12 & 12H |
| 885013-6 | Six Spool Valve Fluorocarbon Seal Kit — VDP12 |
| 885019-1 | One Spool Valve Nitrile Rebuild Kit — VDP12 & 12H |
| 885019-2 | Two Spool Valve Nitrile Rebuild Kit — VDP12 & 12H |
| 885019-3 | Three Spool Valve Nitrile Rebuild Kit — VDP12 & 12H |
| 885019-4 | Four Spool Valve Nitrile Rebuild Kit — VDP12 & 12H |
| 885019-6 | Six Spool Valve Nitrile Rebuild Kit — VDP12 |
| 885018-1 | One Spool Valve Fluorocarbon Rebuild Kit — VDP12 & 12H |
| 885018-2 | Two Spool Valve Fluorocarbon Rebuild Kit — VDP12 & 12H |
| 885018-3 | Three Spool Valve Fluorocarbon Rebuild Kit — VDP12 & 12H |
| 885018-4 | Four Spool Valve Fluorocarbon Rebuild Kit — VDP12 & 12H |
| 885018-6 | Six Spool Valve Fluorocarbon Rebuild Kit — VDP12 |

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