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ESTABLISHED IN 1985

Rail Machine Hydraulic Valve Service Information

Hi Rail Hitachi ZX135/Komatsu PC138 Valve Service Parts



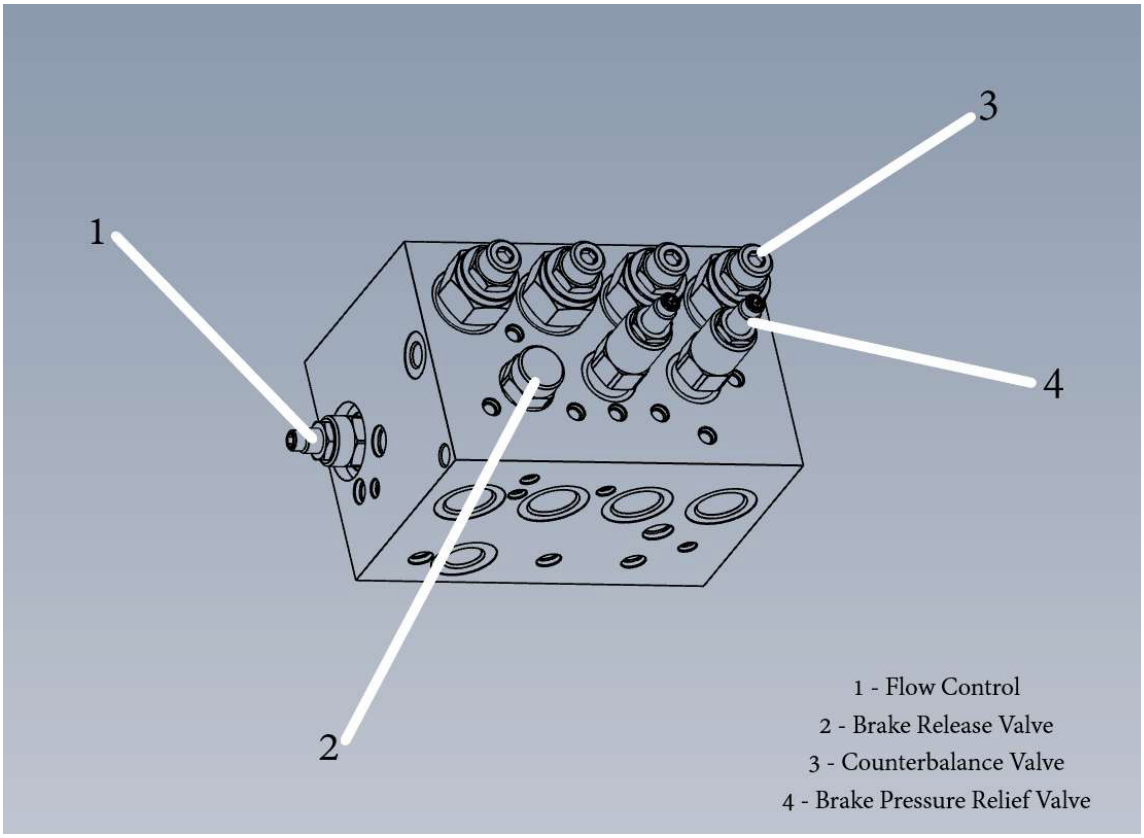
Issued 09/2026

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Manifold Part Number: HSHB4702P12HPS	**Description:** Main Hi-Rail Control Valve



Complete Valve Kit Part Number: HB0055
Description: Main Hi-Rail Control Valve
BOM:
Item 1: 1x HB0004: *Brake Circuit Flow Control*
Item 2: 1x HB0005: *Brake Release Valve*
Item 3: x4 HB0126 *Drive Circuit Counterbalance Valve*
Item 4: 2x HB0006: *Brake Circuit Relief Valve*

Components:
Item Number: 1
Part Number: HB0004
Description: *Brake Circuit Flow Control*
Quantity: 1

Item Number: 2
Part Number: *HB0005*
Description: *Brake Release Valve*
Quantity: 1

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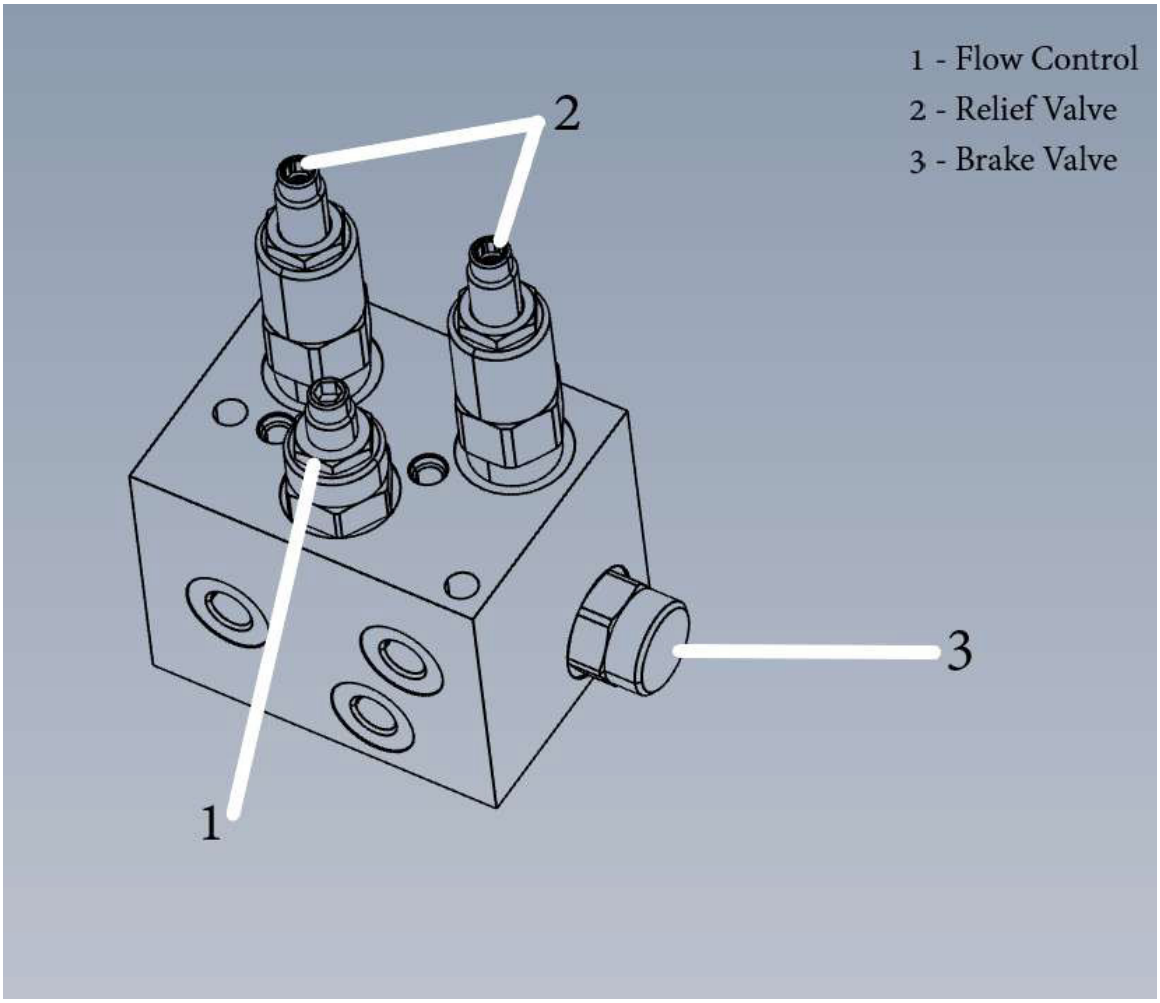
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Item Number: 3 **Part Number:** HB0126 **Description:** *Drive Circuit Counterbalance Valve* **Quantity:** 4
Item Number: 2 **Part Number:** *HB0006* **Description:** *Brake Circuit Relief Valve* **Quantity:** 2

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Manifold Part Number: HSHB9205P4CS	**Description:** Brake Release Manifold (Flow Control & Pressure Relief)



Complete Valve Kit Part Number: HB0127
Description: Brake Release Manifold (Flow Control & Pressure Relief)
BOM:
Item 1: 1x HB0004: *Brake Circuit Flow Control*
Item 2: 2x HB0006: *Brake Circuit Relief Valve*
Item 3: 1x HB0005: *Brake Release Valve*

Item Number: 1
Part Number: HB0004
Description: *Brake Circuit Flow Control*
Quantity: 1

Item Number: 2
Part Number: HB0006
Description: *Brake Circuit Relief Valve*
Quantity: 2

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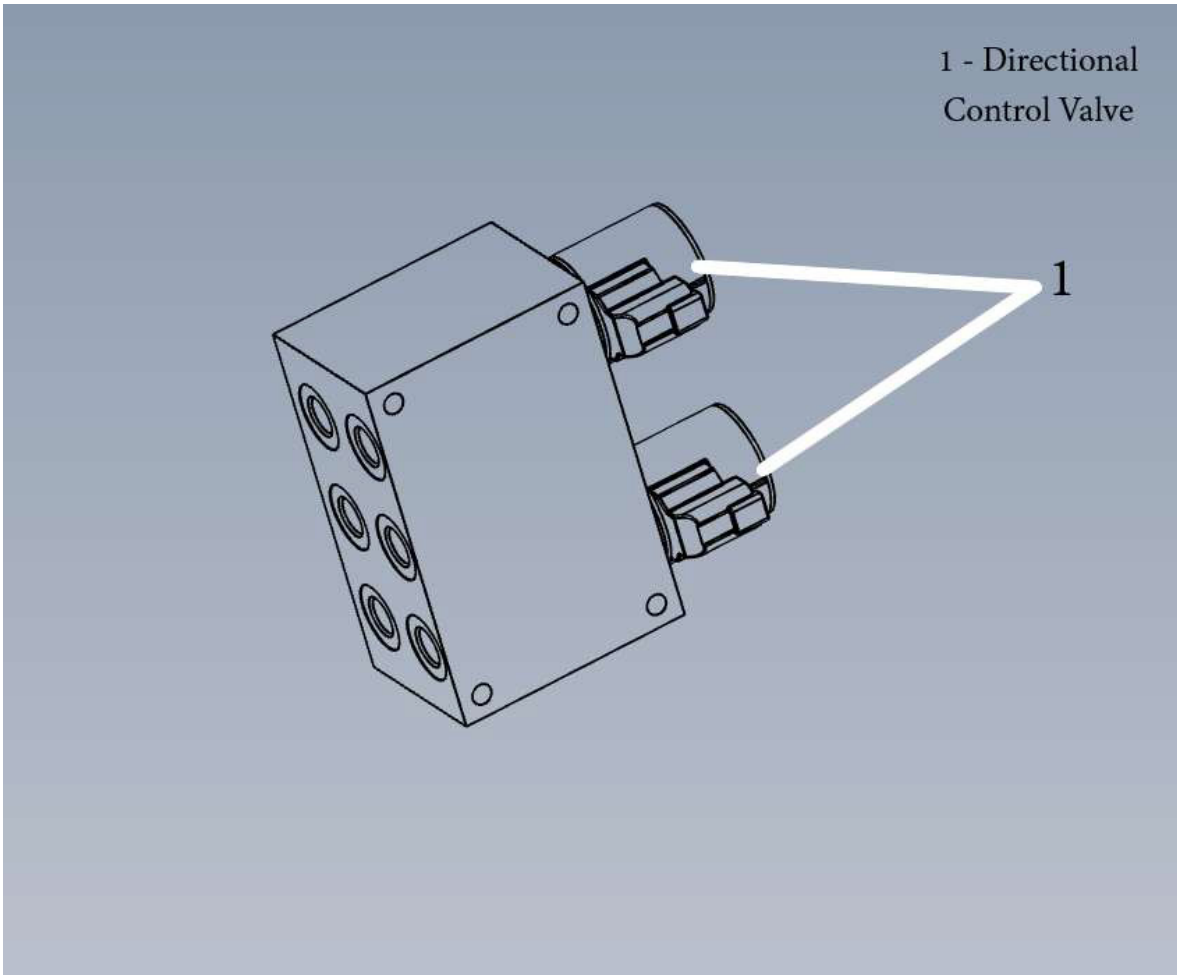
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Item Number: 3
Part Number: HB0005
Description: *Brake Release Valve*
Quantity: 1

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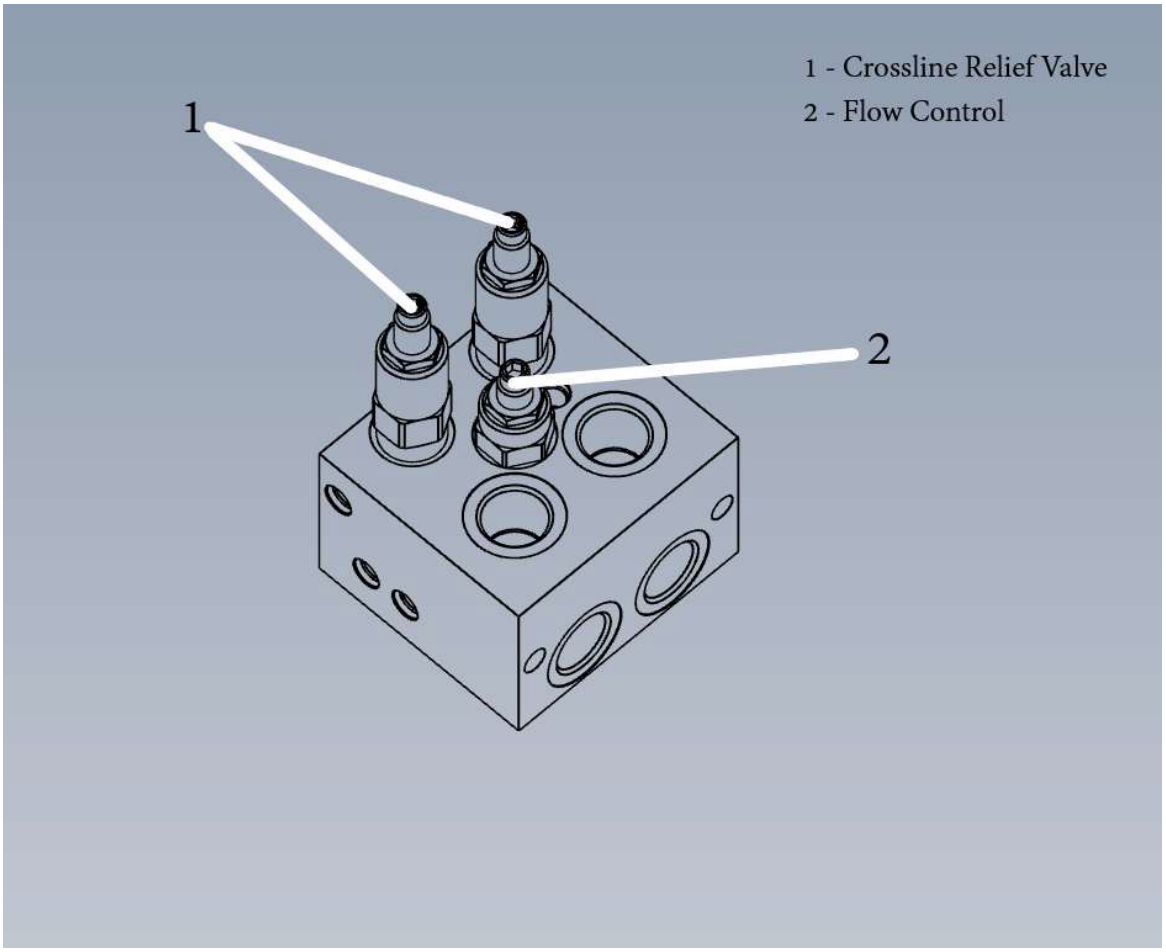
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Manifold Part Number: HSHB9501P6S	**Description:** Selector Valve (Blade Circuit, Rail Gear Deployment



Item Number: 1
Part Number: HB0070
Description: *Directional Control Valve - Solenoid Operated*
Quantity: 2
Note: *Part Number denotes replacement coil*

Manifold Part Number: HSHE1020P12YS (2 Per Unit)	**Description:** Crossline Relief Valves & Flow Control



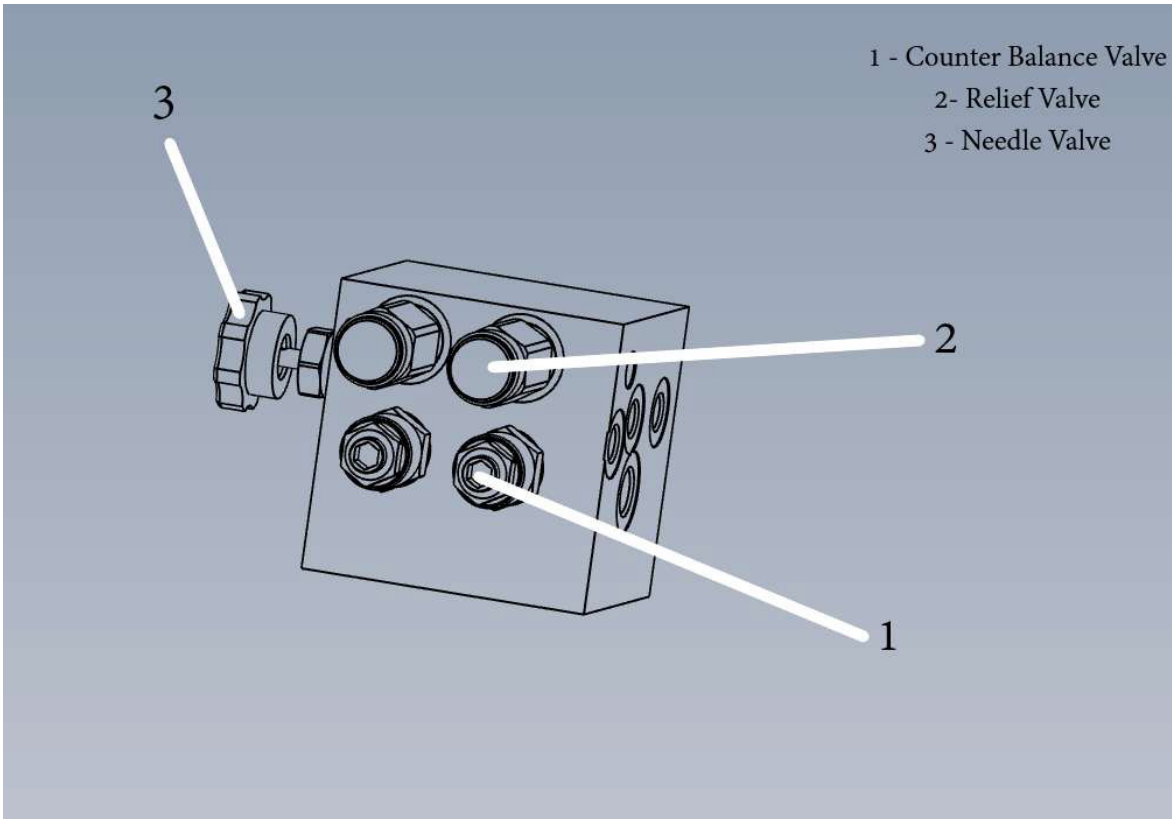
NOTE – 2 Manifolds Per Unit

Complete Valve Kit Part Number: HB0061
Description: Crossline Relief Valves & Flow Control Kit
BOM:
Item 1: x2 HB0062: Crossline Pressure Relief Valve
Item 2: x1 HB0063: Needle Flow Control

Components:
Item Number: 1
Part Number: HB0062
Description: Crossline Pressure Relief Valve
Quantity: 2 (Per Manifold)

Item Number: 2
Part Number: HB0063
Description: Needle Flow Control
Quantity: 1 (Per Manifold)

Manifold Part Number: HSHB6002P6BES	**Description:** Twist Lock Cylinder Relief Valves



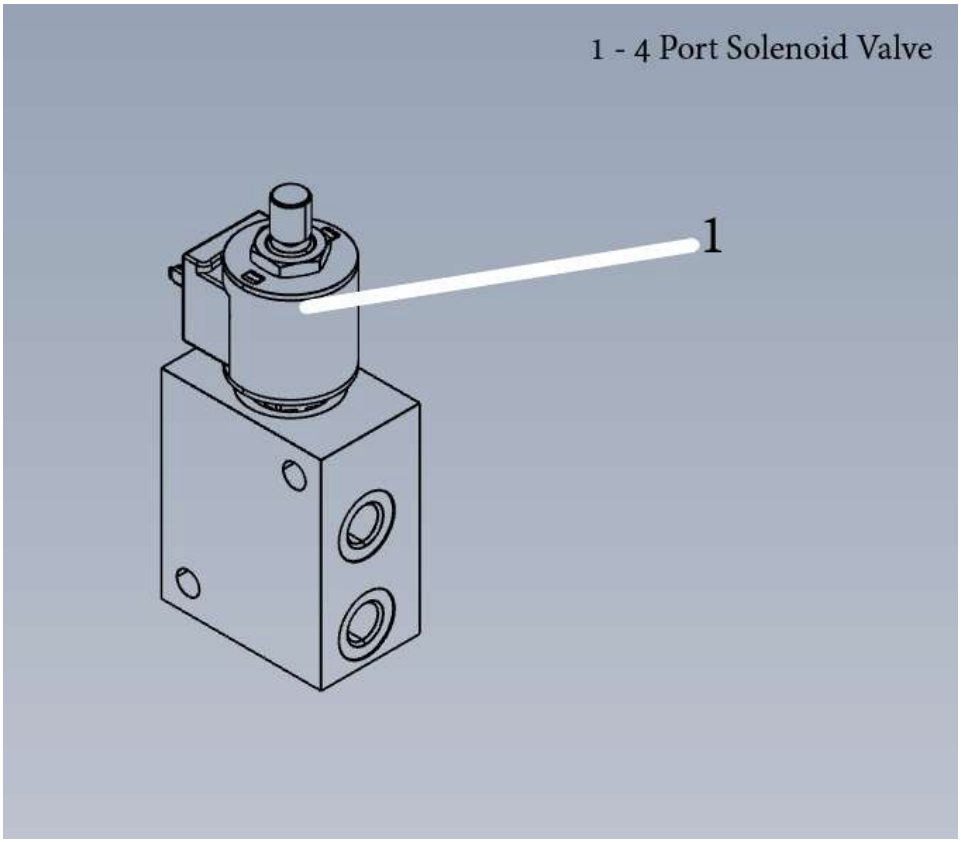
Complete Valve Kit Part Number: HB0066
Description: Twist Lock Cylinder Relief Valve Kit
BOM:
Item 1: x2 HB0067: *Counterbalance Valve - Twist Lock Circuit*
Item 2: x2 HB0068: *Pressure Relief Valve - Twist Lock Circuit*
Item 3: x1 HB0069: *Needle Valve - Twist Lock Circuit*

Components:
Item Number: 1
Part Number: HB0067
Description: *Counterbalance Valve - Twist Lock Circuit*
Quantity: 2

Item Number: 2
Part Number: HB0068
Description: *Pressure Relief Valve - Twist Lock Circuit*
Quantity: 2

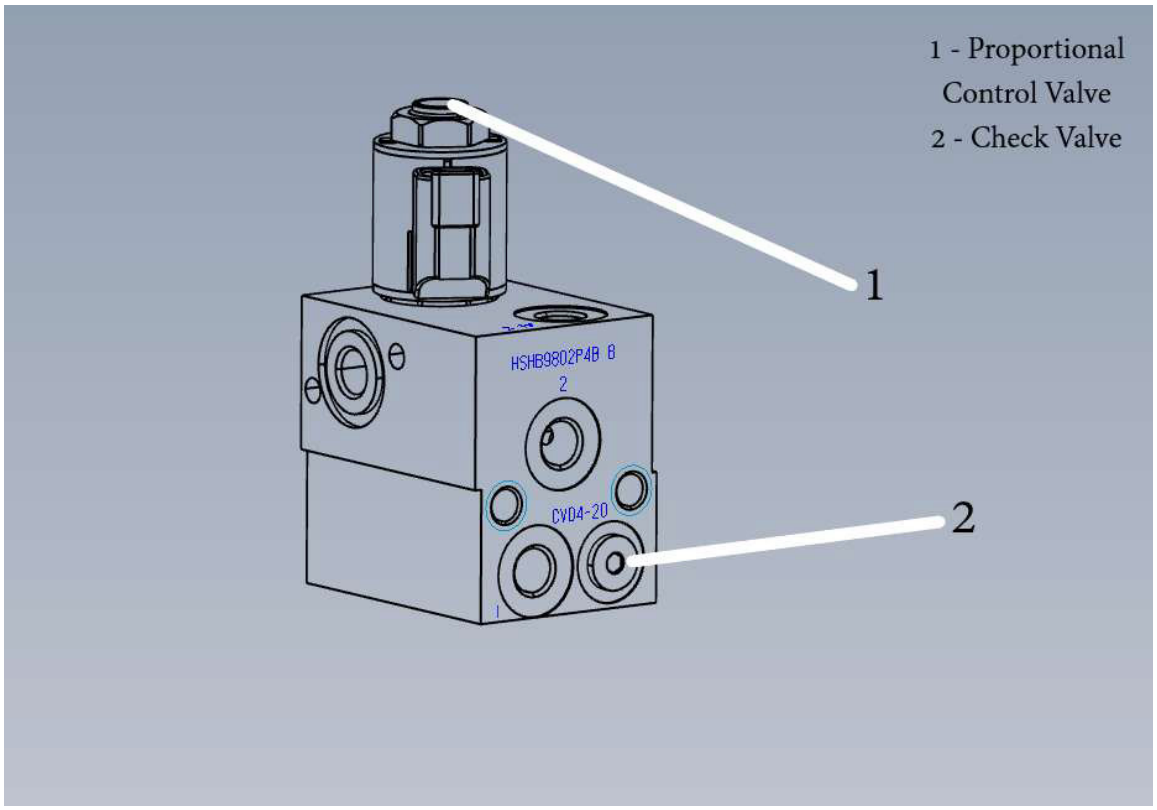
Item Number: 3
Part Number: HB0069
Description: *Needle Valve - Twist Lock Circuit*
Quantity: 1

Manifold Part Number: HS0840P4	**Description:** High Speed Pilot Diverter Valve



Components
Item Number: 1
Part Number: HB0071 VALVE, CARTRIDGE, 4 WAY 2 PORT, SOLENOID,
Description: *4 Port Solenoid Valve - High Speed Pilot Diverter*
Quantity: 1
Note: *Part Number denotes replacement coil*

Manifold Part Number: HSHB9802P4B	**Description:** Height & Slew Proportional Control Valve



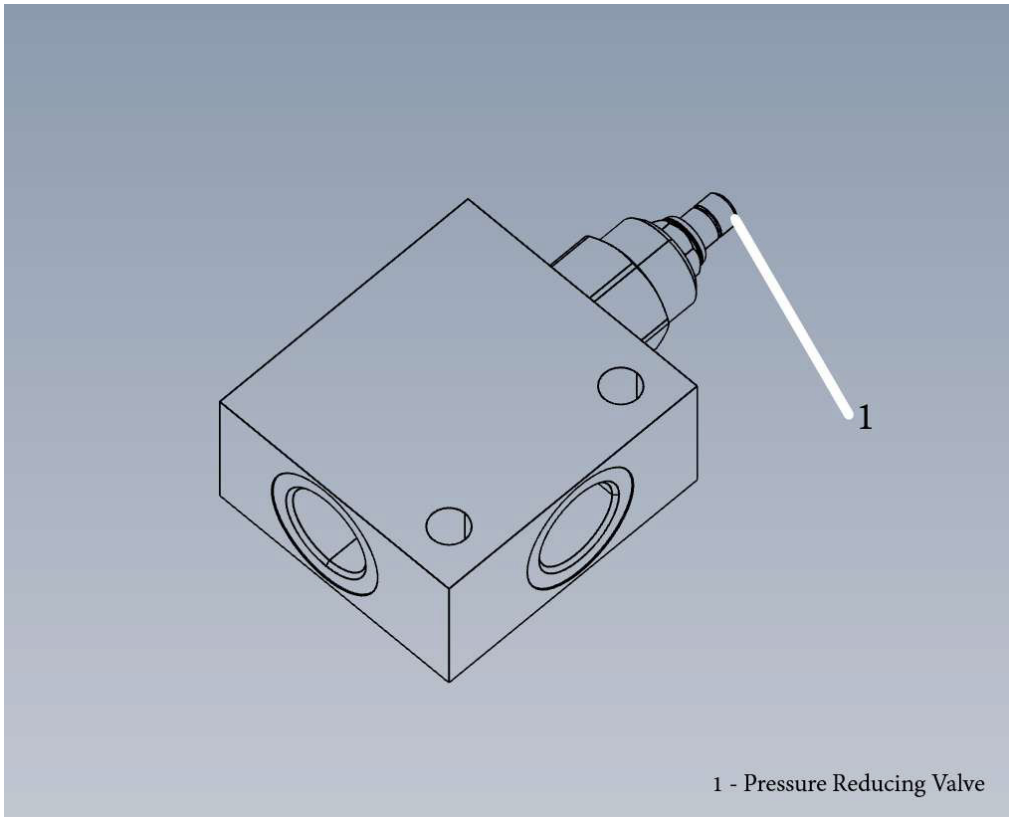
NOTE – 2 (slew limit only) or 4 (height AND slew limit) Manifolds Per Unit

Complete Valve Kit Part Number: HB0072
Description: Height & Slew Proportional Control Valve Kit
BOM:
Item 1: HB0011*:* Proportional Control Valve
Item 2: HB0010: Height & Slew Check Valve

Components:
Item Number: 1
Part Number: HB0011
Description: Proportional Control Valve
Quantity: 2 OR 4 **Note:** *Part Number denotes replacement coil*

BOM:
Item Number: 2
Part Number: HB0010
Description: Height & Slew Check Valve
Quantity: 2 OR 4

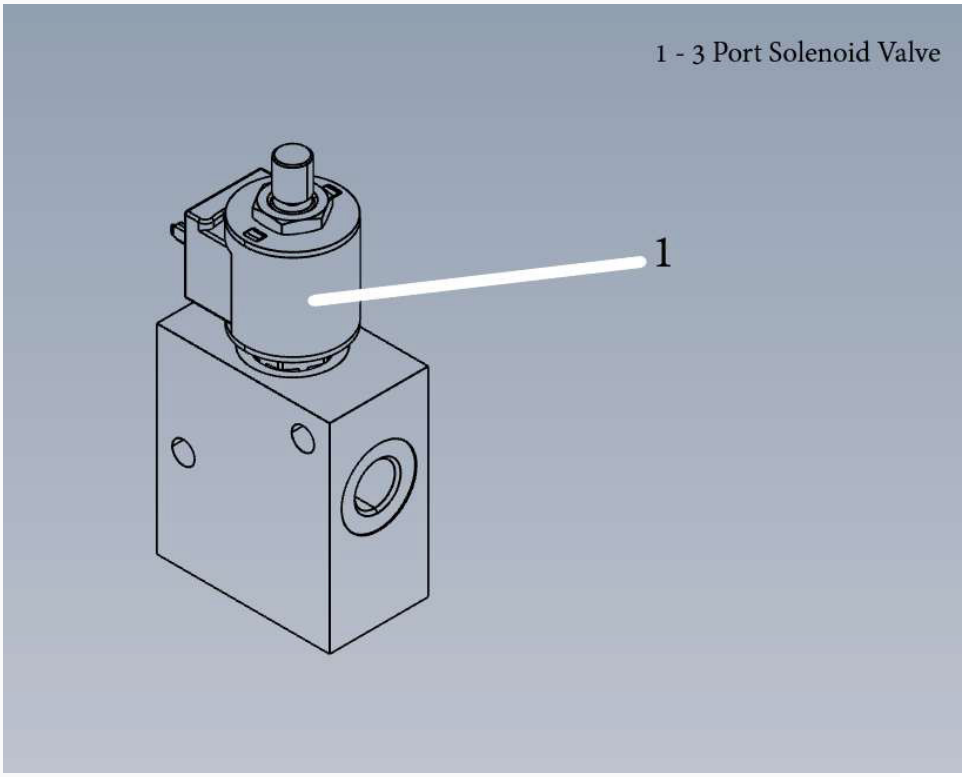
Manifold Part Number: BCW/S	**Description:** Tiltrotator (Pressure Reducer)



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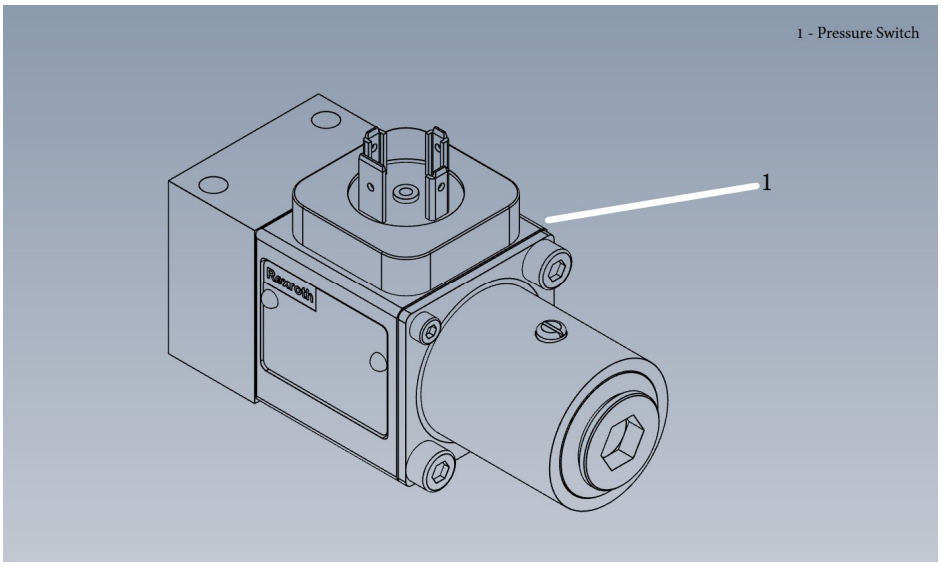
Component:
Item Number: 1
Part Number: HB0008
Description: Pressure Reducer - Tiltrotator
Quantity: 1

Manifold Part Number: HS0830P6	**Description:** 3 Port Solenoid Valve (Hi/Low Valve)



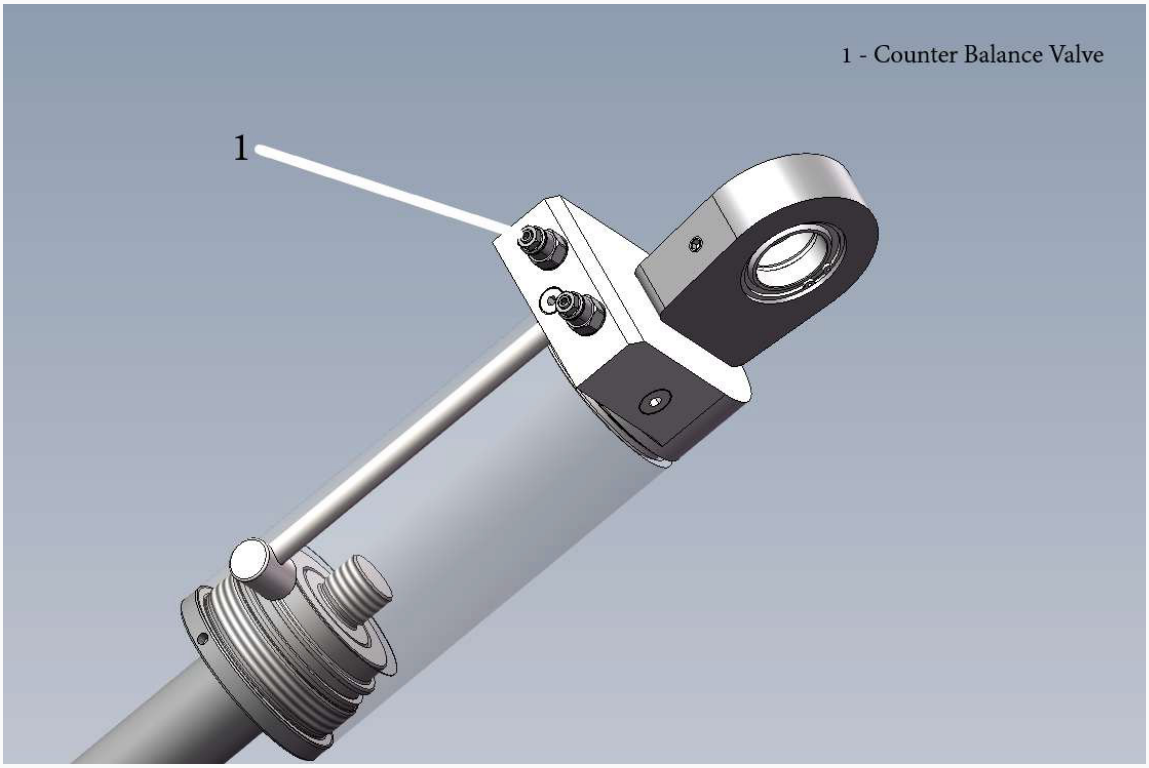
Component:
Item Number: 1
Part Number: HB0060 - ALSO IN ABOVE KIT
Description: 3 Port Solenoid Valve - Hi/Low Valve & Swing Boom Lockout
Quantity: 1
Note: *Part Number denotes replacement coil*

Manifold Part Number: HED 8 OA-2X/50K14	**Description:** Pressure Switch (Directional Lighting, Brake Indication & Tiltrotator Circuit)



Item Number: 1
Part Number: HB0073
Description: *Piston Style Pressure Switch*
Quantity: 3

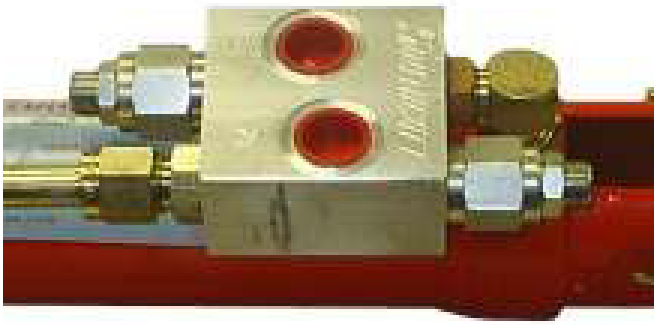
Manifold Part Number: N/A – Fit's all HB Deployment Cylinders	**Description:** *HB Deployment Cylinder Counterbalance Valve*



Item Number: 1
Part Number: HB0128: *HB Deployment Cylinder Counterbalance Valve*
Description: *HB Deployment Cylinder Counterbalance Valve*
Quantity: 4

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Manifold Part Number: B1025-12U-D3-ST	**Description:** *OEM Deployment Cylinder Counterbalance Valve*



NOTE – 2 Manifolds Per Unit

Part Number: HB0129

- **Descrip•on:** *OEM Deployment Cylinder Counterbalance Valve*
  Quan•ty: 4

Manifold Part Number: DFE140/6A-18ES-W24DC	**Description:** 6 Port Diverter Valve (Tiltrotator)



Part Number: HB0018
Description: *6 Port Diverter Valve (Tiltrotator)*
Quantity: 1

Manifold Part Number: FA35-25	**Description:** Case Drain Oil Filter



Part Number: HB0131
Description: *Case Drain Oil Filter*
Quantity: 1

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Manifold Part Number: SD4BUSBA5	**Description:** 6 Port Pilot Operated Diverter (Drive Circuit)



Part Number: HB0132
Description: 6 Port Pilot Operated Diverter (Drive Circuit)
Quantity: 2

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