In-Tank Receiver with Check Valve

The integrated check valve in the Wiggins ZN2CV is designed to prevent losing fuel from the receiver when the poppet is actuated and allowing nipple replacement without draining the tank. The check valve is specially designed to minimise pressure drop across the unit during high flow. ZN2CV is made of precision-machined components and the prototype unit has successfully passed 2,000-cycle tests without any failure.

Features and Benefits Include:

- Allows easy non spill removal.
- Fuel anti theft device.
- Environmentally kind by reducing the spillage that occurs due to a damaged receiver.
- Designed and tested by Wiggins.
- Suits ZZ9A1 nozzle.
- Same pressure drop as ZNC2A.
- Replaceable nipple.
- Rebuild kit available.

ZN2CV In-Tank Receiver with Check Valve

KZN2CV-1 Installation Kit

ZN2CV-100 Rebuild Kit
Service couplings allow you to change and fill crankcase oil, hydraulic reservoirs, top up transmission fluid & fill radiators. An extensive range of couplings is available to serve every fluid on your vehicle. Couplings can be mounted directly to equipment system, or at a remote location or central service box - reduces injuries by keeping workers off the machine.

**Crankcase Receiver & Cap**

- ON2 Receiver
- ONC2A Receiver with Cap
- OC-12CP Cap

**Transmission Receiver & Cap**

- P1804 Receiver
- P1880 Cap

**Crankcase Nozzle & Plug**

- OS2 Nozzle
- OSP2 Nozzle with Plug
  - * mates with ON2 and ONC2A Receivers
- OP12 Plug

**Transmission Nozzle & Plug**

- C1807 Nozzle
  - * mates with P1804 Receiver
- P1844 Plug

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**ONC2A** also available in six other colours:
- Blue: Coolant
- Red: Crankcase / Engine
- Yellow: Hydraulic
- Green: Hydraulic
- Orange: Wheel / Motor
- Brown: Multi-Purpose Oil

**OSP2** also available in six other colours:
- Blue: Coolant
- Red: Crankcase / Engine
- Yellow: Hydraulic
- Green: Hydraulic
- Orange: Wheel / Motor
- Brown: Multi-Purpose Oil
Hydraulic Receiver & Cap

* 6005A12 Receiver
* 6008-12 Cap

Coolant Receiver & Cap

* EC285A8 Receiver
* 1208-8 Cap

Hydraulic Nozzle & Plug

* 6000B12 Nozzle
* 6009-12 Plug

Coolant Nozzle & Plug

* EC280B8 Nozzle
* 1209-8 Plug

* mates with 6005A12 Receiver
* mates with EC285A8 Receiver
**R Series Coolant Receiver & Nozzle**

- R11 Nozzle
- R12 Receiver

* Nozzle and Receiver sold separately.
* Lanyard and Cap supplied with Receiver
* Replacement Lanyard: R1107
* Replacement Cap: R1205

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**R Series Transmission Receiver & Nozzle**

- R13 Nozzle
- R14 Receiver

* Nozzle and Receiver sold separately.
* Lanyard and Cap supplied with Receiver
* Replacement Lanyard: R1307
* Replacement Cap: R1405

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**R Series Oil Receiver & Nozzle**

- R15 Nozzle
- R16 Receiver

* Nozzle and Receiver sold separately.
* Lanyard and Cap supplied with Receiver
* Replacement Lanyard: R1507
* Replacement Cap: R1605

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**R Series Hydraulic Receiver & Nozzle**

- R17 Nozzle
- R18 Receiver

* Nozzle and Receiver sold separately.
* Lanyard and Cap supplied with Receiver
* Replacement Lanyard: R1707
* Replacement Cap: R1805
The Wiggins ZC150 Breakaway Coupling is designed to prevent damage to refuelling systems and minimise fuel spillage. In the event of a vehicle drive-away, the coupling halves will separate and the dual poppet valves will seal off both hoses.

The coupling uses two replaceable shear pins that break at a predetermined load. These pins may be purchased as part of a repair kit to allow speedy replacement in the field.

**Data Table**

<table>
<thead>
<tr>
<th>Description</th>
<th>A</th>
<th>B</th>
<th>Weight (lbs)</th>
<th>Operating Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1/2&quot; NPT</td>
<td>2.8&quot;</td>
<td>7.5&quot;</td>
<td>2.5</td>
<td>125psi</td>
</tr>
</tbody>
</table>
Data Table

<table>
<thead>
<tr>
<th>Receiver</th>
<th>Application</th>
<th>Poppet Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZN2A</td>
<td>Standard for most applications and mountings</td>
<td>Clear</td>
</tr>
<tr>
<td>ZN2B</td>
<td>Light spring compensates for head pressure</td>
<td>Blue</td>
</tr>
<tr>
<td>ZN2D</td>
<td>Heavy spring to avoid premature shut-off</td>
<td>Red</td>
</tr>
<tr>
<td>ZN2AC</td>
<td>Stainless steel version of ZN2A</td>
<td>Clear</td>
</tr>
<tr>
<td>ZNC2A</td>
<td>Same as ZN2 with cap</td>
<td>Clear</td>
</tr>
<tr>
<td>ZNC3</td>
<td>Bolt on version</td>
<td>Clear</td>
</tr>
<tr>
<td>ZNC4</td>
<td>Weld on version</td>
<td>Clear</td>
</tr>
<tr>
<td>JNC2A</td>
<td>Remote receiver for JN125. The ONLY receiver to be used on remote-fill NON-PRESSURING systems</td>
<td>Black</td>
</tr>
</tbody>
</table>
### Data Table

<table>
<thead>
<tr>
<th>Vent Model</th>
<th>Mounting Style</th>
<th>Length</th>
<th>Pressure Relief</th>
<th>Rebuild Kit Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZV10</td>
<td>Pipe thread</td>
<td>9.375”</td>
<td>10.2 - 12.9 psi</td>
<td>K30285</td>
</tr>
<tr>
<td>ZV10A</td>
<td>Welded half coupling</td>
<td>9.375”</td>
<td>10.2 - 12.9 psi</td>
<td>K30285</td>
</tr>
<tr>
<td>ZV10B</td>
<td>Flange/Gasket</td>
<td>9.375”</td>
<td>10.2 - 12.9 psi</td>
<td>K30285</td>
</tr>
<tr>
<td>ZV10C</td>
<td>Same as ZV10 - with threaded outlet</td>
<td>9.500”</td>
<td>10.2 - 12.9 psi</td>
<td>K30285</td>
</tr>
<tr>
<td>ZV10F</td>
<td>Same as ZV10 - with long stem</td>
<td>12.50”</td>
<td>10.2 - 12.9 psi</td>
<td>K30285</td>
</tr>
<tr>
<td>ZV11</td>
<td>Gas cap mount</td>
<td>9.312”</td>
<td>10.2 - 12.9 psi</td>
<td>K30285</td>
</tr>
<tr>
<td>ZV11A</td>
<td>Gas cap mount - with long stem</td>
<td>12.50”</td>
<td>10.2 - 12.9 psi</td>
<td>K30285</td>
</tr>
<tr>
<td>ZV13</td>
<td>Vented pipe thread</td>
<td>12.50”</td>
<td>10.4 - 11.3 psi</td>
<td>N/A</td>
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<tr>
<td>ZV13F</td>
<td>Long stem</td>
<td>14.70”</td>
<td>10.4 - 11.3 psi</td>
<td>N/A</td>
</tr>
</tbody>
</table>
**WIGGINS ACCESSORIES**

**Nozzle Adaptors for the ZZ9A1**
- ZN6A  
  Straight Adaptor Tube
- ZN6B  
  90° Adaptor Tube

**Bulk Fuel Coupling**
- ZS5 Nozzle  
  * mates with ZN2A Receiver

The ZS5 Bulk Transfer Nozzle can be used to drain a fuel tank for servicing, or to transfer fuel from one tank to another. The end fitting is the same 2” NPT female fitting as the ZZ9A1.

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**FLOW METERS**

**WM50 Pulse Meters**
- M50 Pulse & LC Display Meters

- Deluxe LC
- Standard LC

**M50 Mechanical Meters**
- M50ARM-X  
  Displays

- Mechanical
- Analogue

- 2” Large Capacity Flow Meter.
- Two independent pulse units.
- Flexibility of installation options (e.g. can be mounted horizontally or vertically; no flow conditioning required).
- Low pressure drop allows for economical pump selection or gravity flow applications.
- Meter construction enables fast and easy on-site servicing without removal from application; minimises the number of wearable and replaceable parts; extends product life.
- Intrinsically safe LC Deluxe and Standard Displays.

- 2” Large Capacity Flow Meter.
- Easy to read and operate mechanical display.
- Flexibility of installation options (e.g. can be mounted horizontally or vertically; no flow conditioning required).
- Low pressure drop allows for economical pump selection or gravity flow applications.
- Meter construction enables fast and easy on-site servicing without removal from application.
- An Option of 100 Pulses per unit of measure output is available for the Analogue version.
Heavy-duty, high volume reel handles up to 50’ (15.2m) of 1-1/2” (38mm) hose that is ideal for fuel dispense. Maintains desired length of hose and ensures positive latch and rewind.

Hydraulic & Pneumatic Hose Reels

- Safe to operate and maintain.
- Direct drive.
- Less moving parts with no power springs.
- No pawl.
- Stainless Steel hose guide with greater hose carrying capacity.
- High flow with low pressure drop.
- Optional brake assembly available. (Pneumatic only)

Hose Reel Stand

700 Series Hose Reel

Dual-arm design handles up to 74’ (22.86m) of 3/4” (19mm) hose. Equipped with heavy-duty ball bearings for longer life than sleeved-type bearings.

750 Series Hose Reel

Heavy-duty, high volume reel handles up to 50’ (15.2m) of 1-1/2” (38mm) hose that is ideal for fuel dispense. Maintains desired length of hose and ensures positive latch and rewind.
**SPILL CONTAINMENT & NOZZLES**

**A1004 Spill Containment Kit**
- Sturdy ductile iron lid and heavy duty, snow plow resistant ductile iron rim.
- HDPE bellows liner.
- Deep polyethylene gravel guard accommodates thick concrete pads.
- One piece base with integral drain.
- 4” NPT or BSPT.

**A6000 Roughneck® Truck Stop Nozzle**
- Full-flow automatic nozzle.
- Rugged unibody construction, thick walled spout and stamped steel lever are built for durability, long lasting reliability, and maximum flow rates.
- Features a hold-open latch and vinyl scuff guard.
- 225L/min @ 40 PSI max.

**PUMPS**

**Fire-Ball® 425**
With robust design, the Fire-Ball is the pump of choice for your most demanding high volume applications.
Available in ratios of 3:1, 6:1, 10:1, 50:1 and 75:1

**Diaphragm Pumps**
Ideal for a variety of applications from diesel, oil transfer and used oil, to windshield wash and anti-freeze.
Available in a range of sizes from 3/8” (9.5mm) to 3” (76.2mm).