issues

# SERVICE INSTRUCTION no. 2018/01 – revision 1
# Center Jet Installation for Kubicek Ignis Burners

**Cause:** Condensate reduction

**With reference to:** Ignis Burner units

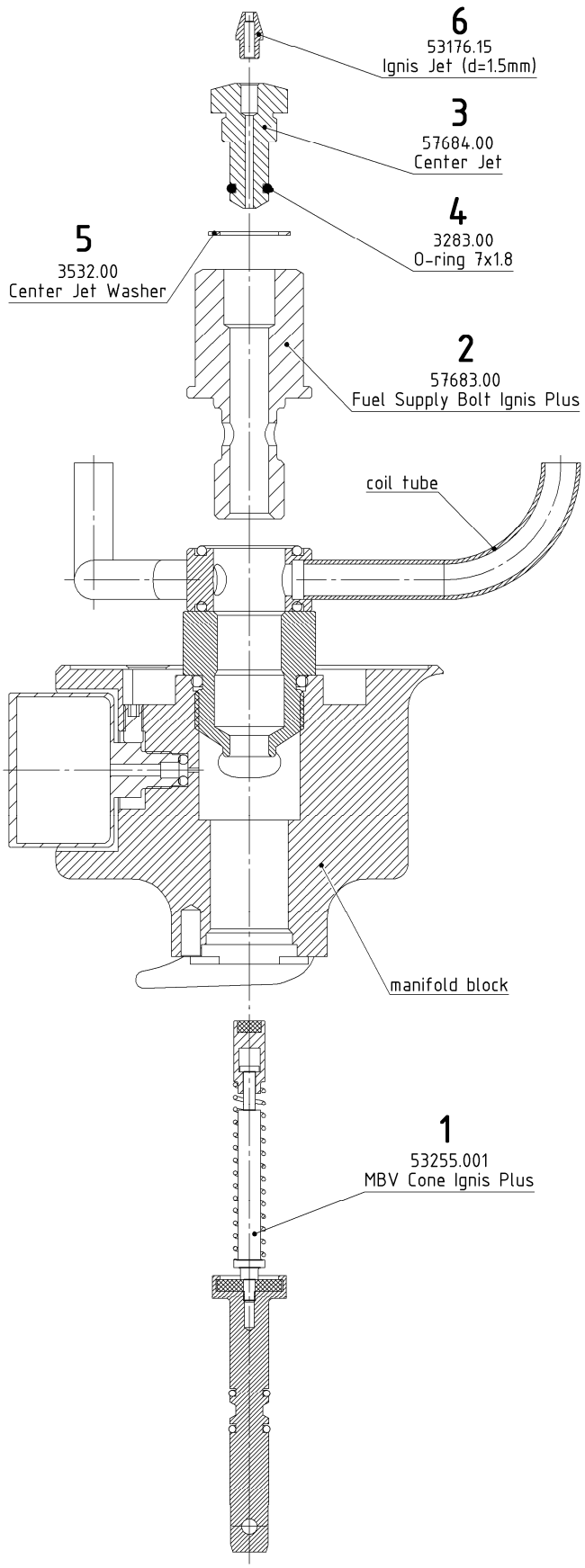
**Action:** Center Jet installation

## *Required material*

| Part | Part Number | Quantity |
|---|---|---|
| MBV Cone Ignis Plus | 53255.001 | 1 |
| Fuel Supply Bolt Ignis Plus | 57683.00 | 1 |
| Center Jet | 57684.00 | 1 |
| O-ring 7x1.8 | 3283.00 | 1 |
| Center Jet Washer* | 3532.00 | 1 |
| Ignis Jet (d=1.5mm) | 53176.15 | 1 |
| Loctite 243 threadlocker | --- | --- |
| Silicone grease | --- | --- |

* valid only for units with long blast valve lever (Ignis Triple) or L-shaped blast valve lever (Ignis Quad option)

## *Part Definition*



*Installation*

**SAFETY WARNING**

Before any operation is performed, make sure all the fuel is vented from the burner!

1. Disassemble the Main Blast Valve (MBV) *(see Maintenance Manual, 5.3.4 – Disassembling the Main Blast Valve (MBV))*
2. Replace the original MBV Cone with the new one **[1] (53255.001)**
3. Assemble the MBV again with the new MBV Cone **[1] (53255.001)** *(see Maintenance Manual, 5.3.4 – Disassembling the Main Blast Valve (MBV))*
4. Unscrew the original Fuel Supply Bolt *(the bolt is defined in Maintenance Manual, 5.3.3 – Removing the Manifold Block)*
5. Lubricate the new Fuel Supply Bolt's **[2] (57683.00)** outer thread with silicone grease and screw it in its place
6. Put the O-Ring **[4] (3283.00)** into the groove on Center Jet **[3] (57684.00)** body
7. Valid only for a unit with long blast valve lever (Ignis Triple) or L-shaped blast valve lever (Ignis Quad option): put the Center Jet Washer **[5] (3532.00)** on the Center Jet **[3] (57684.00)**
8. Lubricate the Center Jet's **[3] (57684.00)** outer thread with silicone grease and screw it into the Fuel Supply Bolt **[2] (57683.00)**
9. Apply Loctite 243 on Ignis Jet's **[6] (53176.15)** thread and screw it into the Center Jet **[3] (57684.00)**
10. Perform a leak tightness test

**Warning!**
*The operation may be carried out only by individuals qualified in accordance with Part - M. National aviation authorities may require a higher maintenance standard (e.g. AMO, Part 145).*

Should you have any question, please contact the balloon manufacturer at technical@kubicekballoons.cz

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On behalf of BALÓNY KUBÍČEK spol. s r.o.

Ing. Petr Kubíček, technical director

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