



Information for mandatory Tankpilot system season 2015

The ADAC Tankpilot is a refueling system we developed by the order of the ADAC for the 24h race at the Nuerburgring.

New as from 2014: Additional protection against accidental opening in uncoupled situation. Please note that the actual system is mandatory for season 2015.

The color code for the new system is red. The old system is black.

- Old receiver housing = black
- New receiver housing = red
- Old probe = black
- New probe outer sleeve = red

The approved system consist of:

- **Refueling bottle (without stand)**
The bottle is available with a 0°, 45° or 90° connector. Individual angled connectors are available for at extra charge.
- **Z-T 9003 0041 Receiver = red anodized**
The receiver should be mounted at the side of the car and serves as supporting element for flow restrictor sleeve. The code can be found on the outer flange.
- **Z-T 9003 0040 Probe = red anodized**
The probe is mounted at the refueling bottle and has no flow rate control or limitation.
- **S-T 9003 0XXX (XXX = depends on tank volume and bottle connector angle) Flow restrictor**
- **Tank vent valve (2 pieces) TVBE**
 - Z-V 9009 0006**, In-line -10 male, out-line 20 mm hose nipple
 - Z-V 9009 0101**, In-line -10 male, out-line -10 male
 - Z-V 9009 0102**, In-line 20 mm hose nipple, out-line 20 mm hose nipple
 - Z-V 9009 0106**, In-line -10 male, out-line -12 male
 - Z-V 9009 0107**, In-line -12 male, out-line -12 male
 - Z-V 9009 0108**, In-line flange, out-line -12 male

The refueling bottle can be used with the new components. Therefore you only need to open the Wiggins clamp, remove the old probe, mount the new probe and close the Wiggins clamp again.

Assembly instructions:

Warning! The combination of old probe with new receiver or vice versa can cause fuel leakage and could jam and damage the parts!

Die tank vent valves will keep the tank at a neutral atmospheric pressure to ensure refueling at the best possible rate. The number, position, diameter and length of the vent hoses between the fuel tank and the tank vent valves can be set individually. The length and diameter of the outgoing hoses from the vent valves can be set individually. The vent valves have to be mounted vertically.

Spare parts:

- N-X 3001 1018 (1x) o-ring probe front inside
- N-X 3001 1022 (2x) o-ring probe front outside
- N-X 3000 0044 (1x) o-ring bottle

Replacement instruction of o-ring probe front inside:

- Push back outer sleeve about 10mm, then
- push back inner sleeve together with outer sleeve until o-ring is exposed
- replace o-ring and release both sleeves

The Tankpilot and the assembling instructions can be ordered from SOBEK. For orders or inquiries please use our order/inquiry form. Important is the specification of the mandatory tank volume (technical regulations 5/BOP).