

Procedure: BLEEDING and ZERO-POINT Caravan Compact Automatic

*Take care! The bleeding and Zero-point procedure for the caravan compact levelsystem is **NOT** the same as for the complete 6 support levelsystem. In this memo a brief explanation in addition on the Assembly - and User manual.*

E&P Hydraulics introduces the **2 support Compact Automatic levelsystem for the caravan.**

How does it work: With the aid of the 2 hydraulic axle jacks the caravan is adjusted horizontally over its complete width. Then the caravan is manually adjusted in the longitudinal direction with the aid of the jockey-wheel. Finally the caravan can be manually stabilised by adjusting the four corner supports.

Taking the system into service: After mounting the axle jacks the hydraulic system must be **BLEEDED** to make it possible programming the **ZERO-POINT**.

1. Bleeding :

Take care! When commissioning the system, no pressure must be exerted on the axle jacks. Make sure that the axle jacks are fully extended without being in contact with the ground.

In below the bleeding procedure:

- Step 1** Press **1x** on the button **“ON/OFF”** (no.5) to switch the levelsystem **ON**.
- Step 2** Press **1x** on the button **“MANUAL MODE”** (no.6) to switch the system to manual operation.
 - The LED indicator “manual mode” (no.9) lights up
- Step 3** Lower the axle jacks by consecutively **holding** the buttons **“AXLE-JACK LEFT”** (no.10) and **“AXLE-JACK RIGHT”** (no.13)
 - The hydraulic pump starts and the axle jack will now extend little by little. Keep the button pressed until the axle jack is fully extended
- Step 4** Press **1x** on the button **“MANUAL MODE”** (no.6) to switch manual operation off.
 - The LED indicator “manual mode” (no.9) stops burning
- Step 5** Press **1x** on the button **“RETRACT AXLE-JACKS”** (no.8)
 - The LED indicator “frontwheel” (no.3) lights up
- Step 6** Press **1x** on the button **“MANUAL MODE”** (no. 6) → see next page





LEVELSYSTEM CARAVAN MOUNTING

Procedure bleeding (continued)

- Step 7** Retract both axle jacks by holding **holding** the button **“RETRACT AXLE-JACKS”** (no.8) **down** until the axle-jacks are fully withdrawn.
- Step 8** Repeat the procedure (2 up to 7) once more.

Now the system is bled

2. Procedure Zero-point adjustment :

*Attention! Before setting the zero point, in contrast to the complete caravan 6 support system, the caravan does **NOT** have to stand down with the nose wheel.*

In below the Zero-point adjustment procedure:

- Step 1** Place the caravan on a level floor (workfloor)
- Step 2** Press **1x** on the button **“ON/OFF”** (no.5) to switch the levelsystem ON
- Step 3** Press **1x** on the button **“MANUAL MODE”** (no. 6) to switch the system to manual operation
- The LED indicator “manual mode” (no.9) lights up
- Step 4** Take a spirit level and lay it within eyeshot flat on the floor of the caravan
- Step 5** Press the button’s **“AXLE-JACK LEFT”** (no.10) and **“AXLE-JACK RIGHT”** (no.13) to place the caravan horizontally in the width position
- Step 6** **ADJUST THE JOCKY-WHEEL** in such a way that the caravan is level over its length position.
- The LED indicator “level” (no.14) lights up green
- Step 7** Press **1x** on the button **“ON / OFF”** (no.5) to switch the Levelsystem OFF
- Step 8** Press **1x** on the button **“ON / OFF”** (no.5) to switch the Levelsystem ON
- Step 9** Press **5x** on the button **“LEFT AXLE JACK”** (no.10)
- This operation is confirmed by the system with an audio signal
- Step 10** Press **5x** on the button **“RIGHT AXLE JACK”** (no.13)
- All indicator LED’s light up
- Step 11** Press **3x** on the button **“RETRACT AXLE JACKS”** (no.8)
- Only the LED indicator “manual mode” (no.9) remains on
- Step 12** Press **1x** on the button **“ON / OFF”** (no.5) to switch the Levelsystem OFF

Now the zero point is programmed

