

## NGV Installation Supplement 001 - Programming the NGV to run as a working platform

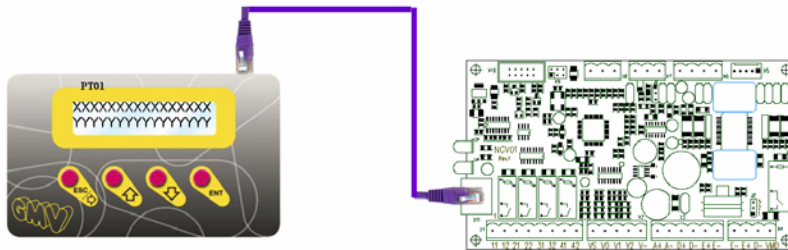
To permit the correct running of the NGV as a working platform (where the pressure is often less than 10 bar) it is necessary to programme parameters 193 and 169 as per the procedure below.

**Extreme care must be exercised to avoid changing any other parameters by mistake!**

Key:

■ denotes cursor flashing

1. Plug in hand held programmer (same programmer as GEV)



Note: the screen displays the NGV software version when you first plug in the programmer. **The steps below need to be carried out on software version V01.15R02.**

Later versions of software automatically permit running at lower pressures during installation.

2. Press **↓** until you get to **Menu 10 Advanced**
3. Press **ENT**. This takes you to **Menu 9.1 Password** [+00000]
4. Press **ENT** again. A cursor should now begin to flash over the '+' symbol [+00000]
5. Press **ESC/⇨** to move the cursor across to the first '0' [+00000]
6. Press **↓** or **↑** to change the value. The first value should be changed to '1' [+10000]

**Repeat operations 5 & 6 for each of the digits until the display reads +19285**

7. Once you have the password +19285 on the display, press **ENT** to store the password. *The cursor will stop flashing once you have stored the password* [+19285]
8. Press **↓** once to access **Menu 9.2 Registers**
9. The first time you access the register screen it will show R000. Scroll through the list until you find **R193**.

**Pressing and releasing **↓** scrolls down the list one at a time. By pressing and holding **↓** it will begin to scroll down the list faster (in steps of 10). You can scroll up or down the list using the **↓** or **↑** buttons**

10. Once you have **R193 = +00100** on the display, press **ENT**.  
*The cursor will begin to flash [R193 = +00100]*
11. Use the **ESC/⇨**, **↓** and **↑** to change the value to **R193 = +00030**  
*This is the same process used earlier - see steps 5 and 6.*
12. Once you have **R193 = +00030** on the display, press **ENT** to save the changes.  
*The cursor will stop flashing once you have stored the setting [R193 = +00030]*
13. Now scroll through the list until you find **R169**.
14. Once you have **R169 = +01500** on the display, press **ENT**.  
*The cursor will begin to flash [R169 = +01500]*
15. Use the **ESC/⇨**, **↓** and **↑** to change the value to **R169 = +02250**  
*This is the same process used earlier - see steps 5 and 6.*
16. Once you have **R169 = +02250** on the display, press **ENT** to save the changes.  
*The cursor will stop flashing once you have stored the setting [R169 = +02250]*
17. Press **ESC/⇨** twice to return to menu 1.
18. Press **↓** until you get to **Menu 3 AI / Flt Reset**
19. Press **ENT**. A message will appear asking you to confirm "reset". Press **ENT** again to confirm. *This resets any faults from earlier attempts to run the platform down.*
20. Press **ESC/⇨** twice to return to menu 1.
21. Unplug the hand held programmer.

You have now successfully programmed the valve to permit running at pressures lower than 10 bar (i.e. it allows you to run the sling and car floor as a working platform).

**NOTE: The installer or tester should reset R193 = +00100 and R169 = +01500 prior to handover.**

**Extreme care must be exercised to avoid changing any other parameters by mistake!**