

# ***GRQX-2005***

## **FORKLIFT SCALE INSTALLATION**

- 1. INSTALL TRANSDUCER INTO LIFT RAM. TRANSDUCER HAS A 9/16" - 18 UNF THREAD. ONCE INSTALLED, BLEED AT THE TRANSDUCER.**
- 2. MOUNT INDICATOR WHEREVER PRACTICAL.**
- 3. INSTALL POWER TO BATTERY OR WHEREVER POSSIBLE (DOES NOT MATTER IF IT IS WIRED TO THE IGNITION IT WILL NOT LOSE IT'S MEMORY WHEN IT IS TURNED OFF ) IF USING VOLTAGE ADAPTOR, MOUNT BOX UNDER DASH.**
- 4. INSTALL 1-2 STICKER ON THE MAST WHICH DOES NOT GO UP AND DOWN AND INSTALL "-" STICKER ON THE MAST THAT DOES GO UP AND DOWN. INSTALL OPERATOR STICKER WHEREVER POSSIBLE.**

# SETUP

**THE INDICATOR IS PRESET FOR 2500KG X 10KG .  
IF YOU DON'T NEED TO CHANGE THIS GO  
STRAIGHT TO CALIBRATION.**

**IF YOU DO NEED TO CHANGE IT, YOU MUST  
ACCESS THE SETUP MODE, THIS IS DONE AS  
FOLLOWS:**

**1. PRESS AND HOLD "ON/OFF" KEY AND WHILE  
HOLDING IT TURN INDICATOR ON VIA THE  
MAIN SWITCH. "SYS" WILL APPEAR.**

**2. PRESS "ZERO" KEY.**

**WHEN "dp" IS DISPLAYED PRESS "ZERO" KEY.  
"0" SHOULD APPEAR.**

**PRESS "ZERO" KEY.**

**3. "CAP" SHOULD APPEAR.**

**PRESS "ZERO" KEY.**

**YOU SHOULD NOW ENTER THE CAPACITY OF  
THE FORKLIFT**

**LEFT AND RIGHT ARROWS MOVE FLASHING  
DIGIT LEFT AND RIGHT.**

**UP AND DOWN ARROWS INCREASE AND  
DECREASE VALUE OF DIGIT.**

**(IF IT IS A 2.5 TONNE FORKLIFT YOU SHOULD  
ENTER IN "002500". ONCE YOU HAVE DONE THIS  
PRESS "ZERO" KEY.**

**4. "di" SHOULD APPEAR.**

**PRESS "ZERO" KEY AND A NUMBER SHOULD  
APPEAR, THIS IS THE DIVISION SIZE**

**(NORMALLY UP TO 2500KG IS BY 5KG ABOVE  
THAT BY 10KG) SELECT WHICH DIVISION YOU  
REQUIRE BY USING THE UP ARROW AND THEN  
PRESS "ZERO" KEY**

**SETUP IS NOW COMPLETE**

**2.**

# **CALIBRATION**

**BEFORE CALIBRATION STARTS, MAKE SURE YOU HAVE A KNOWN TEST WEIGHT READY. FOR A 2500KG FORKLIFT, 500KG WILL BE ENOUGH.**

**1. HOLD "ZERO" KEY AND TURN INDICATOR ON BY THE MAIN SWITCH. RELEASE FINGER WHEN "CAL" APPEARS.**

**2. AT THIS POINT LIFT FORKS TO POSITION NO.1 THEN LOWER SLOWLY TO POSITION NO.2**

**3. PRESS "ZERO" KEY AND "ZERO" SHOULD APPEAR FOR A SHORT TIME**

**4. "000000" SHOULD APPEAR WITH THE LAST DIGIT FLASHING**

**5. ENTER THE TEST WEIGHT VALUE (e.g. "000480"- 480KG)**

**THEN PICK UP TEST WEIGHT TO POSITION NO.1 THEN LOWER SLOWLY TO POSITION NO.2 THEN PRESS "ZERO" KEY**

**6. "LOAD SHOULD APPEAR FOR A SHORT TIME, WHEN IT HAS FINISHED DOING IT'S CALIBRATION IT WILL GO BACK INTO WEIGHING MODE**

**7. AT THIS STAGE REMOVE TEST WEIGHT, CHECK ZERO AND WEIGHT CALIBRATION. IF IT NEEDS FINE TUNING REPEAT CALIBRATION.**

## **YOU CAN HAVE TWO METHODS OF WEIGHING**

- 1. STATIC WEIGHING (WHERE YOU SEE THE WEIGHT ALL THE TIME)**
- 2. FORCED WEIGHING (WHERE YOU HAVE TO PRESS A KEY BEFORE IT WILL SHOW THE WEIGHT LOCKED ON FOR TEN SECONDS.)**

**AS STANDARD IT WILL BE SET UP AS STATIC WEIGHING.**

**IF YOU WANT TO SWITCH TO FORCED WEIGHING FOLLOW THESE INSTRUCTIONS:**

**HOLD TOTAL KEY AND TURN INDICATOR ON BY MAIN SWITCH.**

**“F-SET” SHOULD APPEAR**

**PRESS UP ARROW UNTIL “F16” APPEARS**

**PRESS “ZERO” KEY AND “0” WILL APPEAR**

**PRESS UP ARROW UNTIL “2” APPEARS**

**PRESS “ZERO” AND “END” WILL APPEAR**

**PRESS “ZERO” AND YOU WILL BE BACK INTO WEIGH MODE**

**“- - - - -“ WILL APPEAR ON SCREEN**

**TO OPERATE IN THIS MODE LIFT AS NORMAL AND THEN PRESS THE RED “WEIGH” KEY. THE DASHES WILL FLASH FOR 5 SECONDS AND THEN SHOW THE WEIGHT LOCKED ON FOR 10 SECONDS THEN IT WILL GO BACK TO DASHES**

**SWITCHING FROM STATIC TO FORCED WEIGHING. F16 = 0 (STATIC) F16 = 2 (FORCED)**

