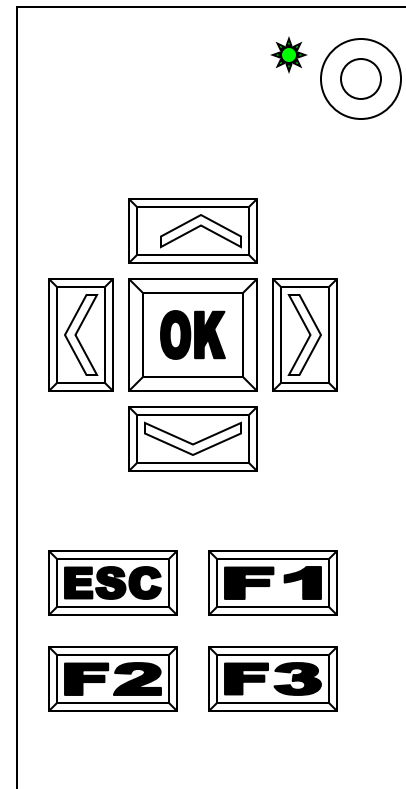


ZAPI SMART CONSOLE

Introduction for PDSR



Location of CAN Connection




Traction VACC

Turn on ZAPI Handset

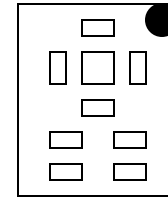
Push and hold the power button for 3s

The Display will show:

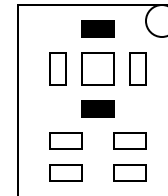
Press  or  button until CAN CONSOLE shows on the display

The Display will show :

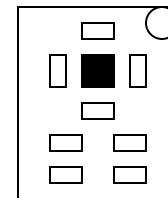
Press OK to go into the CANCONSOLE Menu



Cons AFG ZP021*



Cons AFG ZP021*
CAN CONSOLE



The Display will show:

Push **>>**, or **<<**
To select Node 2

The Display will show:

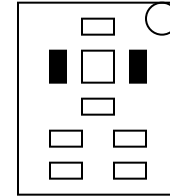
Press OK to go into the
Traction controller

The Display will show:

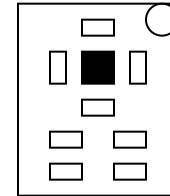
Press OK to go into the
Main Menu

The Display will show:

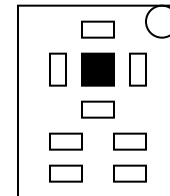
CANCONSOLE
SELECT NODE



SELECT NODE
NODE 2



ADXT2B 5 EP0.07
24V 240A 0H



Main Menu

Press  or  button until PROGRAM VACC shows on the display

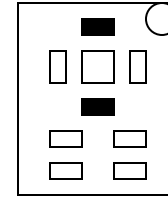
The Display will show:

Press OK to go into the PROGRAM VACC function

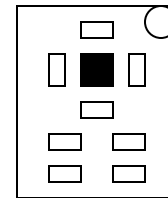
The Display will show the minimum and maximum values of throttle voltage. Both directions are shown

Press OK to clear these values.
Display will show 0.0

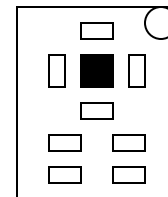
Select Forward Direction



MAIN MENU
PROGRAM VACC



VACC SETTING
CURRENT VALUE



FORWARD x.xV x.xV

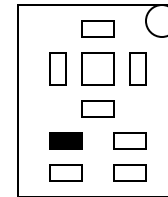
Slowly depress the accelerator to its maximum value. The new minimum and maximum voltages will be displayed on the Console plus an arrow indicating the direction.



Select the Reverse Direction and repeat item above

BACKWARD x.xV x.xV

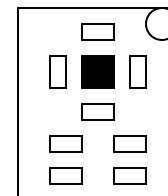
When finished , press ESC



The Display will ask : APPLY CHANGES ?

**APPLY CHANGES?
YES= OK NO=ESC**

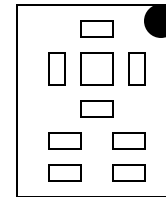
Press OK for yes



When finished, the Console shows :

Push and hold the power button for 3s to turn off the Console

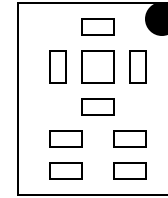
Main Menu



Steering Calibration

1. Turn on ZAPI Handset

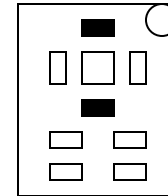
Push and hold the power button for 3s



2. The Display will show:

Press  or  button until CAN CONSOLE shows on the display

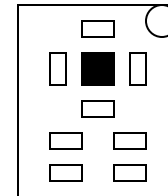
Cons AFG ZP021*



3. The Display will show :

Press OK to go into the CANCONSOLE Menu

Cons AFG ZP021*
CAN CONSOLE



4.The Display will show:

Push **>**, or **<**
To select Node 6

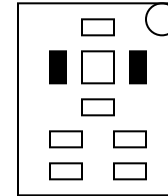
5.The Display will show:

Press OK to go into the
Steer controller

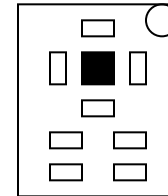
6.The Display will show:

Press OK to go into the
Main Menu

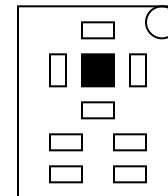
CANCONSOLE
SELECT NODE





SELECT NODE
NODE 6



EPSD0ERA20 EP0.13
24V 50A 0H





7.The Display will show:

Press  or  button until ADJUSTMENT shows on the display

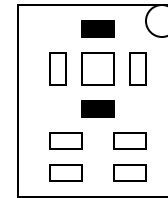
8.The Display will show:

Press OK to go into the ADJUSTMENT function

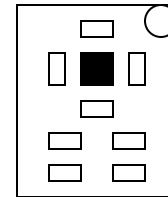
9.The Display will show:

Press  or  button until ZERO SP POT shows on the display

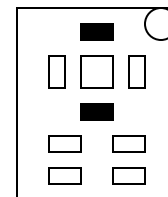
Main Menu



MAIN MENU
ADJUSTMENT



ADJUSTMENT



10.The Display will show:

Press OK to adjust

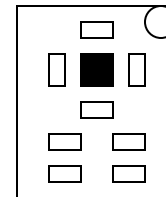
11.The Display will show:

Turn the handle to the center position. When finished , press ESC

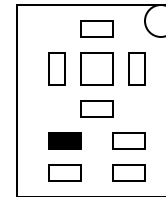
12.The Display will ask : APPLY CHANGES ?

Press OK for yes

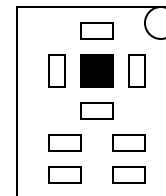
ADJUSTMENT
ZERO SP POT x.xxV



ZERO SP POT x.xxV





APPLY CHANGES?
YES= OK NO=ESC



13. When finished, the Console shows :

Push and hold the power button for 3s to turn off the Console. Rekey the truck.

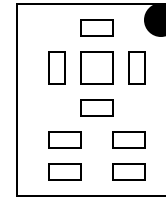
14. Restart the ZAPI Console, repeat item 1 to 7, the display show:

Press  or  button until PARAMETER CHANGE shows on the display

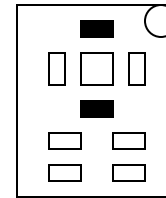
15. The Display will show:

Press OK to go into the PARAMETER CHANGE function

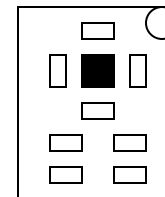
Main Menu



Main Menu





MAIN MENU
PARAMETER CHANGE



16.The Display will show:

Press  or  button until 1ST ANGLE COARSE shows on the display

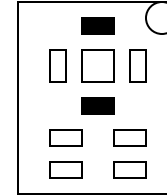
17.The Display will show:

Turn the handle to the left until handle stops, Press  or  to adjust wheel angle, adjustment is complete when wheel angle is 90 degree left. (Multiple degree change)

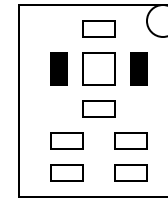
18.The Display will show:

Press  or  button until 1ST ANGLE FINE shows on the display

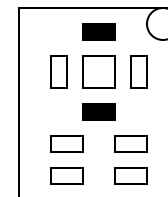
PARAMETER CHANGE



ADJUSTMENT
1ST ANGLE COARSE LEVEL x



1ST ANGLE COARSE LEVEL x



19.The Display will show:

Turn the handle to the left until handle stops, Press \rangle or \langle to adjust wheel angle, adjustment is complete when wheel angle is 90 degree left. (Partial degree change)

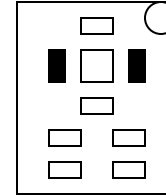
20.The Display will show:

Press \wedge or \vee button until 2ND ANGLE COARSE shows on the display

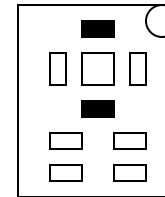
21.The Display will show:

Turn the handle to the right until handle stops, Press \rangle or \langle to adjust wheel angle, adjustment is complete when wheel angle is 90 degree right. (Multiple degree change)

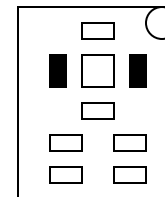
ADJUSTMENT
1ST ANGLE FINE LEVEL x



1ST ANGLE FINE LEVEL x





ADJUSTMENT
2ND ANGLE COARSE LEVEL x



22.The Display will show:

Press  or  button until 2ND ANGLE FINE shows on the display

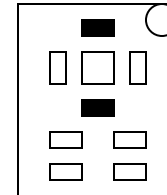
23.The Display will show:

Turn the handle to the right until handle stops, Press  or  to adjust wheel angle, adjustment is complete when wheel angle is 90 degree right. (Partial degree change)

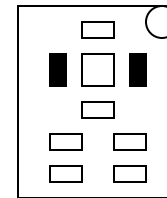
22.The Display will show:

When finished , press ESC

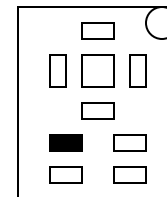
2ND ANGLE COARSE LEVEL x



ADJUSTMENT
2ND ANGLE FINE LEVEL x



2ND ANGLE FINE LEVEL x



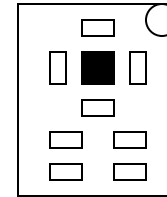
The Display will ask : APPLY CHANGES ?

Press OK for yes

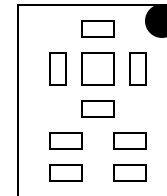
When finished, the Console shows :

Push and hold the power button for 3s to turn off the Console

APPLY CHANGES?
YES= OK NO=ESC



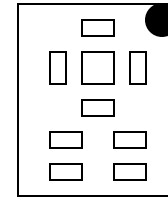
Main Menu





LIFT VACC

1. Turn on ZAPI Handset

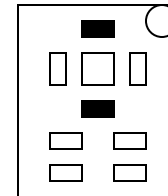
Push and hold the power button for 3s



2. The Display will show:

Press  or  button until CAN CONSOLE shows on the display

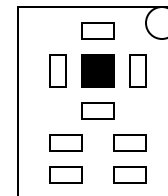
Cons AFG ZP021*



3. The Display will show :

Press OK to go into the CANCONSOLE Menu

Cons AFG ZP021*
CAN CONSOLE



4.The Display will show:

Push **>>**, or **<<**
To select Node 2

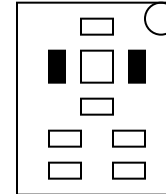
5.The Display will show:

Press OK to go into the
Traction controller

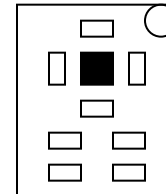
6.The Display will show:

Press OK to go into the
Main Menu

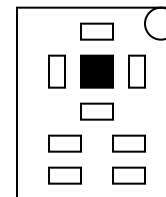
**CANCONSOLE
SELECT NODE**




**SELECT NODE
NODE 2**



**AD0S2B F6EP0.15
24V 320A 0H**





7.The Display will show:

Press  or  button until
ADJUSTMENT shows on the display

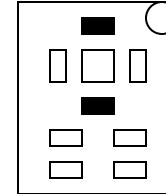
8.The Display will show:

Press OK to go into the ADJUSTMENT
function

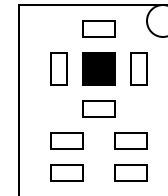
9.The Display will show:

Press  or  button until
MIN LIFT shows on the
display

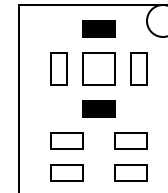
Main Menu



MAIN MENU
ADJUSTMENT



ADJUSTMENT



10.The Display will show:

Press OK to clear these values.
Display will show 0.0

11.The Display will show:

Slightly pull and hold the lift switch until
new minimum lift voltage is displayed on the
Console.

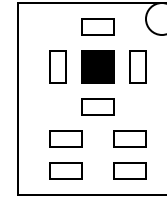
12.The Display will show:

Press ESC

13.The Display will ask : APPLY
CHANGES ?

Press OK for yes

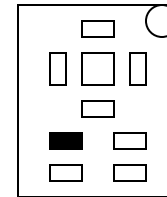
ADJUSTMENT
MIN LIFT x.xxV



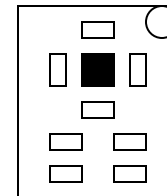
MIN LIFT 0.00V



MIN LIFT x.xxV



APPLY CHANGES?
YES= OK NO=ESC



14. When finished, the Console shows :

15. Repeat item 7 to 9, choose MAX LIFT, the display will show:

Press OK to clear these values.
Display will show 0.0

16. The Display will show:

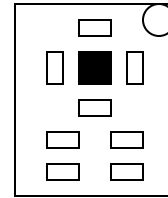
Pull and hold the lift switch to maximum until new maximum lift voltage is displayed on the Console.

17. The Display will show:

Press ESC

Main Menu

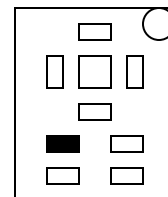
ADJUSTMENT
MAX LIFT x.xxV



MAX LIFT 0.00V



MAX LIFT x.xxV



18.The Display will ask : APPLY CHANGES ?

Press OK for yes

19.When finished, the Console shows :

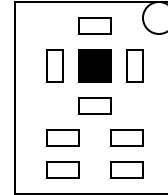
20.Repeat item 7 to 9, choose MIN LOWER, the display will show:

Press OK to clear these values.
Display will show 0.0

21.The Display will show:

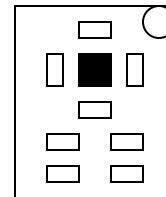
Slightly push and hold the lower switch until new minimum lower voltage is displayed on the Console.

APPLY CHANGES?
YES= OK NO=ESC



Main Menu

ADJUSTMENT
MIN LOWER x.xxV



MIN LOWER 0.00V



22.The Display will show:

Press ESC

23.The Display will ask : APPLY CHANGES ?

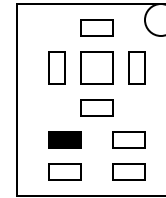
Press OK for yes

24.When finished, the Console shows :

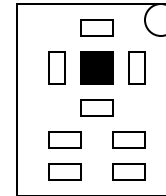
25.Repeat item 7 to 9, choose MAX LOWER, the display will show:

Press OK to clear these values.
Display will show 0.0

MIN LOWER x.xxV

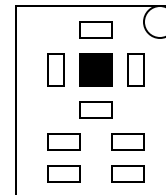


APPLY CHANGES?
YES= OK NO=ESC



Main Menu

ADJUSTMENT
MAX LOWER x.xxV



26.The Display will show:

Push and hold the lower switch to maximum until new maximum lower voltage is displayed on the Console.

27.The Display will show:

Press ESC

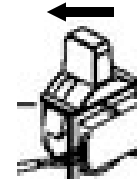
28.The Display will ask : APPLY CHANGES ?

Press OK for yes

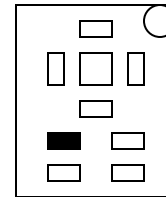
29.When finished, the Console shows :

Push and hold the power button for 3s to turn off the Console

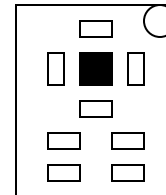
MAX LOWER 0.00V



MAX LOWER x.xxV



APPLY CHANGES?
YES= OK NO=ESC



Main Menu

