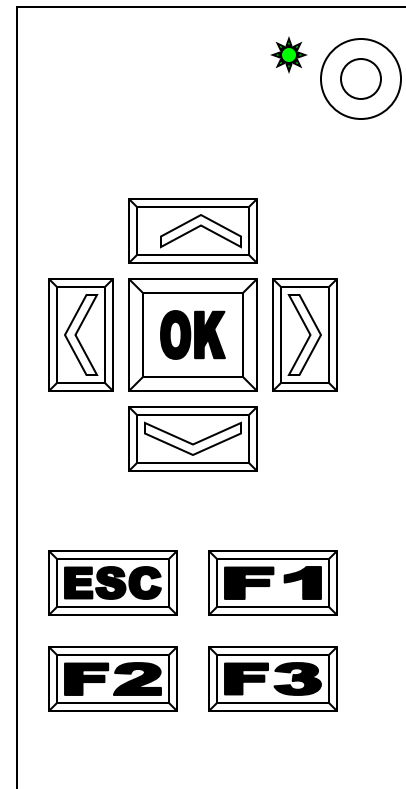
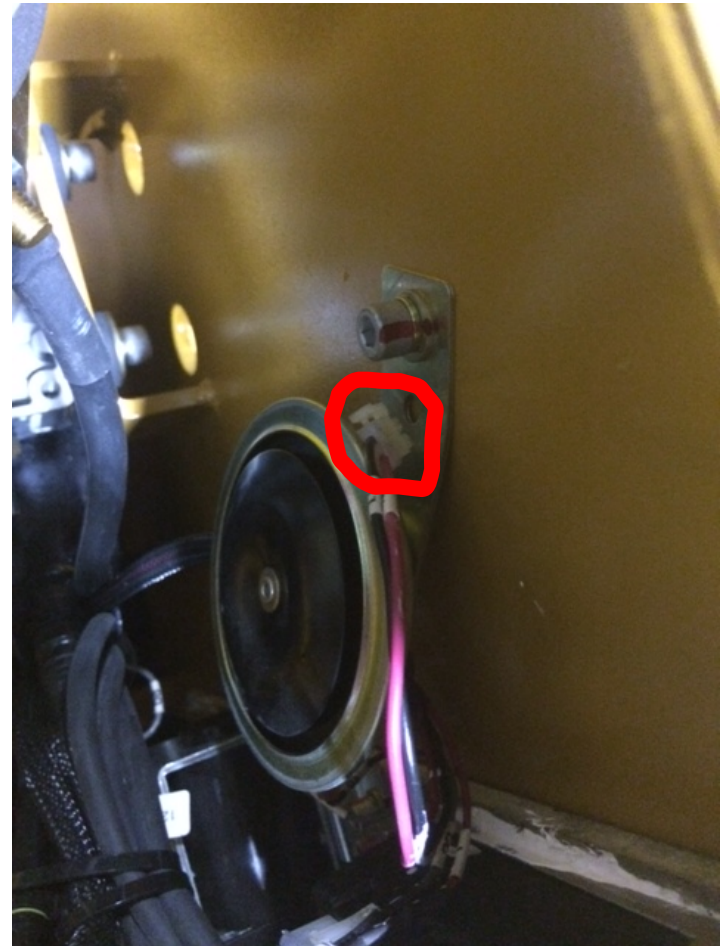


# ZAPI SMART CONSOLE

## Introduction for CB33



# Location of CAN Connection





# Traction VACC

Turn on ZAPI Handset

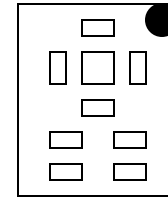
Push and hold the power button for 3s

The Display will show:

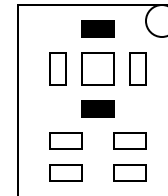
Press  or  button until CAN CONSOLE shows on the display

The Display will show :

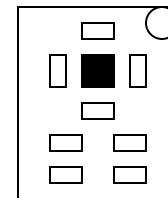
Press OK to go into the CANCONSOLE Menu



Cons AFG ZP021\*



Cons AFG ZP021\*  
CAN CONSOLE



The Display will show:

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

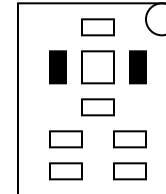
The Display will show:

Press OK to go into the  
Traction controller

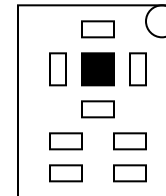
The Display will show:

Press OK to go into the  
Main Menu

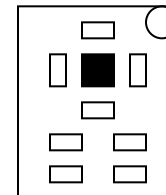
**CANCONSOLE  
SELECT NODE**





**SELECT NODE  
NODE 2**



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



The Display will show:

Press  or  button until PROGRAM VACC shows on the display

The Display will show:

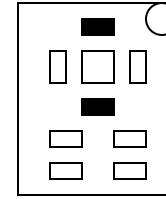
Press OK to go into the PROGRAM VACC function

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

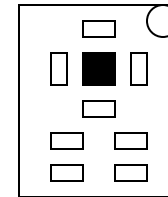
Press OK to clear these values.  
Display will show 0.0

Select Forward Direction

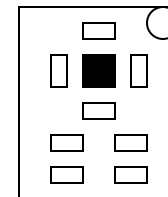
Main Menu



MAIN MENU  
PROGRAM VACC



VACC SETTING  
CURRENT VALUE



FORWARD x.xV x.xV

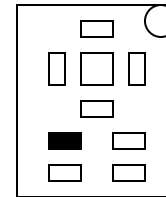
Slowly depress the accelerator to its maximum value. The new minimum and maximum voltages will be displayed on the Console plus an arrow indicating the direction.



Select the Reverse Direction and repeat the item above

**BACKWARD** x.xV x.xV

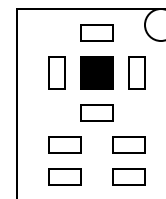
When finished , press ESC



The Display will ask : APPLY CHANGES ?

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

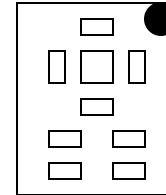
Press OK for yes



When finished, the Console shows :

Press and hold power button 3s to  
turn off the Console

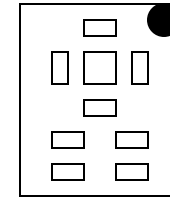
Main Menu



# Steering Calibration



Turn on ZAPI Handset

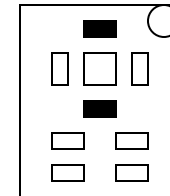
Push and hold the power button for 3s



The Display will show:

Cons AFG ZP021\*

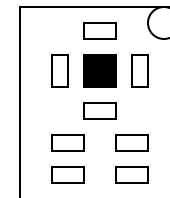
Press  or  button until CAN CONSOLE shows on the display



The Display will show :



Cons AFG ZP021\*  
CAN CONSOLE

Press OK to go into the CANCONSOLE Menu





The Display will show:

Push , or   
To select Node 6

The Display will show:

Press OK to go into the  
Steer controller

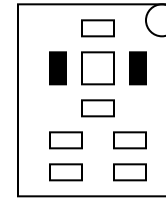
The Display will show:

Press OK to go into the  
Main Menu

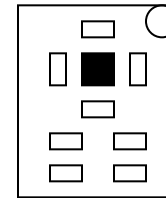
The Display will show:

Press  or  button until  
HARDWARE SETTING shows on  
the display

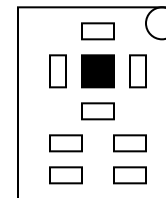
CANCONSOLE  
SELECT NODE



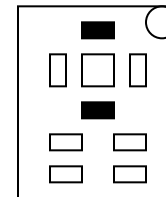
SELECT NODE  
NODE 6



EPSAC0C2A EP1.99  
24V 50A 0H



Main Menu





The Display will show:

Press OK to go into the HARDWARE SETTING function

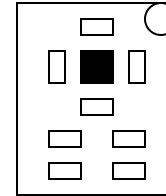
The Display will show:

Press  or  button until AUTOTEACHING shows on the display

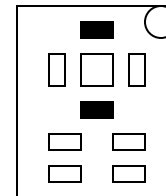
The Display will show:

Push , or   
To select ON

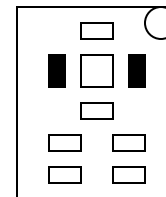
MAIN MENU  
HARDWARE SETTING



HARDWARE SETTING



HARDWARE SETTING  
AUTOTEACHER OFF



The Display will show:

When finished , press ESC

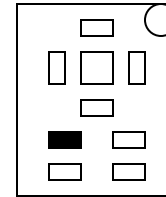
The Display will ask : APPLY CHANGES ?

Press OK for yes

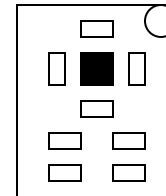
When finished, the Console shows :

Press and hold power button 3s to turn off the Console. Rekey the truck, do not do anything until autoteach completes (wheel stops turning), rekey the truck again.

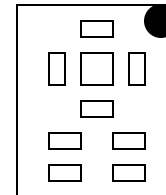
**HARDWARE SETTING  
AUTOTEACHER ON**



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



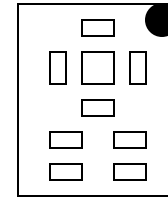
**Main Menu**





# LIFT VACC

1. Turn on ZAPI Handset

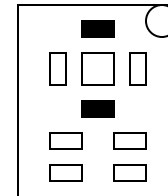
Push and hold the power button for 3s



2. The Display will show:

Press  or  button until CAN CONSOLE shows on the display

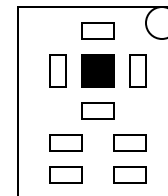
Cons AFG ZP021\*



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:

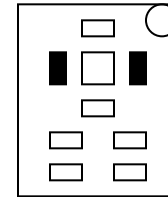
Press OK to go into the  
Traction controller

6.The Display will show:

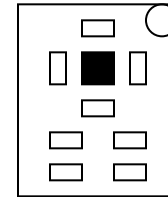
Press OK to go into the  
Main Menu

7.The Display will show:

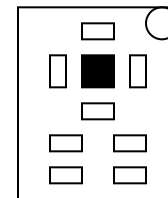
CANCONSOLE  
SELECT NODE





SELECT NODE  
NODE 2



AD0S2B F6EP0.15  
24V 320A 0H





Main Menu

Press  or  button until  
ADJUSTMENT shows on the display

8.The Display will show:

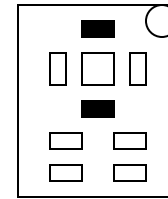
Press OK to go into the ADJUSTMENT  
function

9.The Display will show:

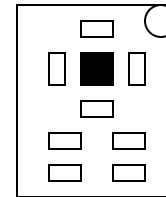
Press  or  button until  
MIN LIFT shows on the  
display

10.The Display will show:

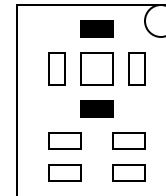
Press OK to clear these values.  
Display will show 0.0



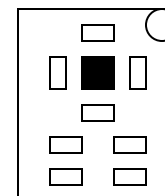
MAIN MENU  
ADJUSTMENT



ADJUSTMENT



ADJUSTMENT  
MIN LIFT x.xxV



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:

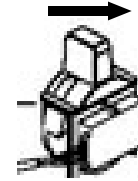
Press ESC

13.The Display will ask : APPLY CHANGES ?

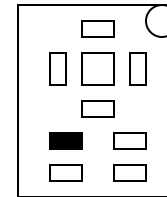
Press OK for yes

14.When finished, the Console shows :

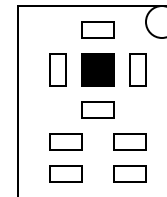
MIN LIFT 0.00V



MIN LIFT x.xxV



APPLY CHANGES?  
YES= OK NO=ESC



Main Menu

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:

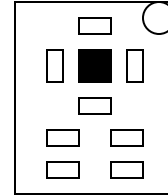
Pull and hold the lift switch to maximum.  
The new maximum lift voltages will be displayed on the Console.

17.The Display will show:

Press ESC

18.The Display will ask : APPLY CHANGES ?

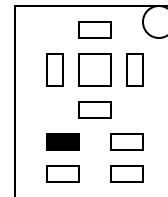
ADJUSTMENT  
MAX LIFT x.xxV



MAX LIFT 0.00V



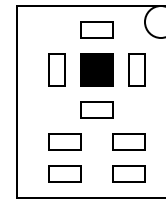
MAX LIFT x.xxV



APPLY CHANGES?  
YES= OK NO=ESC



Press OK for yes



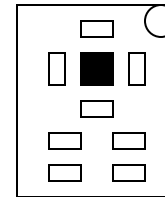
19. When finished, the Console shows :

Main Menu

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

ADJUSTMENT  
MIN LOWER x.xxV

Press OK to clear these values.  
Display will show 0.0



21. The Display will show:

MIN LOWER 0.00V

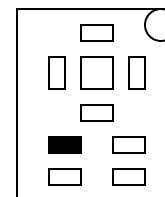
Slightly push and hold the lower switch until new minimum lower voltage is displayed on the Console.



22. The Display will show:

MIN LOWER x.xxV

Press ESC



23.The Display will ask : APPLY CHANGES ?

Press OK for yes

24.When finished, the Console shows :

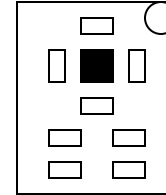
25.Repeat item 7 to 9, choose MAX LOWER, the display will show:

Press OK to clear these values.  
Display will show 0.0

26.The Display will show:

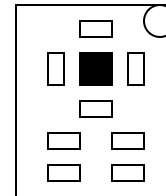
Push and hold the lower switch to maximum. The new maximum lower voltages will be displayed on the Console.

APPLY CHANGES?  
YES= OK NO=ESC



Main Menu

ADJUSTMENT  
MAX LOWER x.xxV



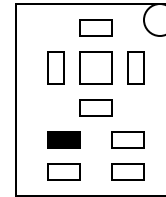
MAX LOWER 0.00V



27.The Display will show:

Press ESC

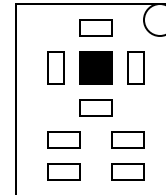
MAX LOWER x.xxV



28.The Display will ask : APPLY CHANGES ?

APPLY CHANGES?  
YES= OK NO=ESC

Press OK for yes



29.When finished, the Console shows :

Main Menu

Press and hold the power button 3s to turn off the Console

