

DESIGNED TO MOVE [YOU]



**RV CONTROL AND MONITORING SYSTEM** 

**Installation and Operation Manual** 





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JRVCS1

# INTRODUCTION

# Thank You!

Thank you for choosing a Jensen product. We hope you will find the instructions in this owner's manual clear and easy to follow. If you take a few minutes to look through it, you'll learn how to use all the features of your new Jensen JRVCS1 for maximum enjoyment.

# Features

Features of Jensen JRVCS1 system include:

- Control four zones of lighting.
- Monitor all water tank levels.
- Control and monitor the Water Heater.
- Control and monitor the Generator.

## Precautions

#### • Use the Proper Power Supply.

This product is designed to operate with a 12 volt DC, negative ground battery system (the standard system in a North American vehicle).

### Use Authorized Service Centers.

Do not attempt to disassemble or adjust this precision product; contact a professional for assistance.

#### Avoid Moisture.

To reduce the risk of fire or electric shock, do not expose this equipment to rain or moisture.

### Avoid Cleaning Products.

The front of this unit should only be cleaned with a slightly damp cloth. Do not use cleansers.

### Use Recommended Accessories.

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK AND ANNOYING INTERFERENCE, USE ONLY THE RECOMMENDED ACCESSORIES.



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**Packing List** 



1 Cover, 2 Thumb Screws 1 Body Control Module (BCM) 1 Display Commander (DC)



#### JRVCS1

# **INSTALLATION**

It's a good idea to read all of the instructions before beginning the installation. We recommend having your Jensen JRVCS1 installed by a reputable RV dealership

# **Tools and Supplies**

You will need these tools and supplies to install your JRVCS1:

- Phillips screwdriver
- Wire cutters and strippers
- Electrical tape
- Crimping tool
- Volt meter/test light
- Fork Crimp connectors
- 10 gauge wire for power and slide connections
- 14 and 18 gauge wire for all other connections
- Four #8 PH (0.164" x 0.75") screws for the DC
- Six #8 PH (0.164" x 1.0") screws for the BCM

# **Disconnecting the Battery**

To prevent a short circuit, be sure to turn off 12V power and remove the negative (-) battery cable prior to installation.

# Selecting the Mounting Location

Select a mounting location, taking care to avoid the following:

- Places exposed to heat-radiating appliances such as electric heaters
- Adjacent to other equipment that radiates heat
- Poorly-ventilated or dusty places
- Moist or humid locations

# Mounting the Display Commander (DC)

- Use the mounting hole diagram to measure and cut a mounting hole

- Attach Trim ring



CUTOUT FOR DISPLAY COMMANDER (DC)

NOTE: Before cutting the mounting hole, make sure the area behind the mounting location is clear of wires, fuel and vacuum or water lines.



# 刪除:. Route power wires through the hole and connect 格式化: 左0字元 Check and ensure correct operation Mount the unit using four #8 PH (0.164" x 0.75") screws 刪除:

#### 格式化:字型:粗體

# WIRING

The wiring diagram depicts all the wiring connections required for proper operation of the unit.

			9		BO	DY CONTRO	DLMODULE	E (BCM) CONNECTIONS			<b>刪除:</b>
BOD	OY CONTROLI	MODULE	(BCM) CONNECTIONS		PIN NO.	WIRE COLO	R/SIZE	DESCRIPTION			Indatxa.
PIN NO.	WIRE COLOR	SIZE	DESCRIPTION		33	GREEN	(18)	GEN PRIME/STOP +12V (OUT)			
1	BLUE	(18)	ERESH TANK 1	(IN)	34	BLUE	(18)	GEN SERVICE +12V (IN)	,	Ϋ́,	
2	DLOL	(10)	FRESH TANK 2	(IN)	35	ORANGE	(18)	GEN HOUR METER +12V (IN)		N.	
3	BROWN	(18)	BLACK TANK 1	(IN)	36	BLACK	(14)	GEN FUEL TANK LEVEL (IN)		Ň	
4	LIGHT BLUE	(18)	BLACK TANK 2	(IN)	37	RED(14)/BRO	OWN (18)	GEN GROUND		, i	<b>血</b> 探会。
5	GRAY	(18)	GRAY TANK 1	(IN)	38	GRAY	(16)	LANDING GEAR +12V (OUT)			Imalear.
6	RED	(18)	GRAY TANK 2	(IN)	39	WHITE	(16)	LANDING GEAR GROUND (OUT)			
7	LIGHT BLUE	(18)	GRAY TANK 3	(IN)	40	GRAY	(16)	HYDRAULIC VALVE EXTEND			
8	WHITE	(18)	TANK SENSOR GROUND	(IN)	41	WHITE	(16)	HYDRAULIC VALVE RETRACT			
9	GREEN	(14)	LIGHT GROUP 1 +	(IN)	42	GRAY	(16)	HYDRAULIC VALVE +12V			
10	WHITE	(14)	LIGHT GROUP 1 - (IN		43	WHITE	(16)	HYDRAULIC VALVE GROUND			DETAIL A
11	GREEN	(14)	LIGHT GROUP 1 +	(OUT)	44			AUX TRIGGER 2 (OUT)			
12	GREEN	(14)	LIGHT GROUP 2 +	(IN)	45			AUX TRIGGER 3 (OUT)			
13	WHITE	(14)	LIGHT GROUP 2 - (IN	I/OUT)	46			AUX TRIGGER 4 (OUT)			
14	GREEN	(14)	LIGHT GROUP 2 +	(OUT)	47			AUX TRIGGER 5 (OUT)			
15	GREEN	(14)	LIGHT GROUP 3 +	(IN)	48			AUX TRIGGER 6 (OUT)			
16	WHITE	(14)	LIGHT GROUP 3 - (IN	N/OUT)	49			AUX TRIGGER 7 (OUT)			
17	GREEN	(14)	LIGHT GROUP 3 +	(OUT)	50			AUX TRIGGER 8 (OUT)		1	血报今.
18	GREEN	(14)	LIGHT GROUP 4 +	(IN)	51	BROWN	(18)	LOCKOUT SIGNAL +12V (IN)	/	1 s	
19	WHITE	(14)	LIGHT GROUP 4 - (IN	N/OUT)	52	WHITE	(18)	WATER HEATER GROUND	/.		
20	GREEN	(14)	LIGHT GROUP 4 +	(OUT)	53	BROWN	(18)	WATER HEATER ON (GAS)			
21	ORANGE	(14)	EXTERIOR LIGHTS +	(IN)		ORANGE	(18)	WATER HEATER ON (ELECTRIC)			刪除: LIGHT
22	WHITE	(14)	EXTERIOR LIGHTS - (IN	N/OUT)	55	PINK	(18)	WATER HEATER FAULT			
23	ORANGE	(14)	EXTERIOR LIGHTS +	(OUT)	56	BLUE	(14)	WATER PUMP +12V (OUT)			刪除: LIGHT
24	ORANGE	(14)	SECURITY LIGHTS +	(IN)	57	WHITE	(14)	WATER PUMP-12V(IN/OUT)_			······
25	WHITE	(14)	SECURITY LIGHTS - (IN	N/OUT)	58 58	BLUE	(14)	WATER PUMP +12V (OUT)			刪除: LIGHT
26	ORANGE	(14)	SECURITY LIGHTS +	(OUT)	59	WHITE	(14)	AWNING 2 -12V (OUT)			<u></u>
27	ORANGE	(14)	AWNING LIGHTS +	(OUT)	60	YELLOW	(14)	AWNING 2 +12V (OUT)	/		刪除: LIGHT
28	WHITE	(14)	AWNING LIGHTS -	(OUT)		WHITE	(14)	AWNING 1 -12V (OUT)			<u></u>
29			AUX FUEL TANK +	(IN)	62	YELLOW	(14)	AWNING 1 +12V (OUT) _		_	刪除: LIGHT
30			AUX FUEL TANK -	(OUT)	63		(10)	REAR JACKS (OUT)			<u>&gt;</u>
31	v		AUX TRIGGER 1	(OUT)	64		(10)	REAR JACKS (OUT)			刪除: LIGHT
32	RED	(18)	GEN START +12V	(OUT)	· · · · · · · · · · · · · · · · · · ·						<u> </u>

### BODY CONTROL MODULE (BCM) CONNECTIONS

WIRE COLOR/SIZE		DESCRIPTION		
	(10)	FRONT JACKS	(OUT)	
	(10)	FRONT JACKS	(OUT)	
WHITE	(10)	ELECTRIC SLIDE 5 -12V	(OUT)	
PURPLE	(10)	ELECTRIC SLIDE 5 +12V	(OUT)	
WHITE	(10)	ELECTRIC SLIDE 4 -12V	(OUT)	
PURPLE	(10)	ELECTRIC SLIDE 4 +12V	(OUT)	
WHITE	(10)	ELECTRIC SLIDE 3 -12V	(OUT)	
PURPLE	(10)	ELECTRIC SLIDE 3 +12V	(OUT)	
WHITE	(10)	ELECTRIC SLIDE 2 -12V	(OUT)	
PURPLE	(10)	ELECTRIC SLIDE 2 +12V	(OUT)	
WHITE	(10)	ELECTRIC SLIDE 1 -12V	(OUT)	
PURPLE	(10)	ELECTRIC SLIDE 1 +12V	(OUT)	
BLACK	(10)	CHASSIE GROUND	(IN)	
YELLOW	(14)	AWNING +12V	(IN)	
PURPLE	(10)	ELECTRIC SLIDE +12V	(IN)	
RED	(10)	BCM +12V	(IN)	
	WIRE COLOR/S         WIRE         WHITE         PURPLE         BLACK         PURPLE         PURPLE <td>(10)           (10)           (10)           WHITE           PURPLE           (10)           WHITE           PURPLE           (10)           WHITE           (10)           WHITE           (10)           WHITE           (10)           WHITE           (10)           PURPLE           (10)           RED           (10)           PURPLE           (10)           PURPLE           (10)           PURPLE           (10)           PURPLE           (10)     <!--</td--><td>WIRE COLOR/SIZEDESCRIPTION(10)FRONT JACKS(10)FRONT JACKSWHITE(10)ELECTRIC SLIDE 5 - 12VPURPLE(10)ELECTRIC SLIDE 5 + 12VWHITE(10)ELECTRIC SLIDE 4 + 12VWHITE(10)ELECTRIC SLIDE 4 + 12VWHITE(10)ELECTRIC SLIDE 4 + 12VWHITE(10)ELECTRIC SLIDE 3 + 12VWHITE(10)ELECTRIC SLIDE 3 + 12VPURPLE(10)ELECTRIC SLIDE 2 + 12VWHITE(10)ELECTRIC SLIDE 1 + 12VPURPLE(10)ELECTRIC SLIDE 1 + 12VPURPLE(10)BCM + 12VPURPLE(10)BCM + 12VRED(10)BCM + 12VRED(10)(10)<tr< td=""></tr<></td></td>	(10)           (10)           (10)           WHITE           PURPLE           (10)           WHITE           PURPLE           (10)           WHITE           (10)           WHITE           (10)           WHITE           (10)           WHITE           (10)           PURPLE           (10)           RED           (10)           PURPLE           (10)           PURPLE           (10)           PURPLE           (10)           PURPLE           (10) </td <td>WIRE COLOR/SIZEDESCRIPTION(10)FRONT JACKS(10)FRONT JACKSWHITE(10)ELECTRIC SLIDE 5 - 12VPURPLE(10)ELECTRIC SLIDE 5 + 12VWHITE(10)ELECTRIC SLIDE 4 + 12VWHITE(10)ELECTRIC SLIDE 4 + 12VWHITE(10)ELECTRIC SLIDE 4 + 12VWHITE(10)ELECTRIC SLIDE 3 + 12VWHITE(10)ELECTRIC SLIDE 3 + 12VPURPLE(10)ELECTRIC SLIDE 2 + 12VWHITE(10)ELECTRIC SLIDE 1 + 12VPURPLE(10)ELECTRIC SLIDE 1 + 12VPURPLE(10)BCM + 12VPURPLE(10)BCM + 12VRED(10)BCM + 12VRED(10)(10)<tr< td=""></tr<></td>	WIRE COLOR/SIZEDESCRIPTION(10)FRONT JACKS(10)FRONT JACKSWHITE(10)ELECTRIC SLIDE 5 - 12VPURPLE(10)ELECTRIC SLIDE 5 + 12VWHITE(10)ELECTRIC SLIDE 4 + 12VWHITE(10)ELECTRIC SLIDE 4 + 12VWHITE(10)ELECTRIC SLIDE 4 + 12VWHITE(10)ELECTRIC SLIDE 3 + 12VWHITE(10)ELECTRIC SLIDE 3 + 12VPURPLE(10)ELECTRIC SLIDE 2 + 12VWHITE(10)ELECTRIC SLIDE 1 + 12VPURPLE(10)ELECTRIC SLIDE 1 + 12VPURPLE(10)BCM + 12VPURPLE(10)BCM + 12VRED(10)BCM + 12VRED(10)(10) <tr< td=""></tr<>	

SETUP MENU LIST

ITEM	SELECTION
GENERATOR	PROPANE OR GAS

**刪除:-----**分頁符號----

SLIDE 1	ELECTRIC OR HYDRAULIC
SLIDE 2	ELECTRIC OR HYDRAULIC
SLIDE 3	ELECTRIC OR HYDRAULIC
SLIDE 4	ELECTRIC OR HYDRAULIC
SLIDE 5	ELECTRIC OR HYDRAULIC
TRIGGER 1	MOMENTARY OR LATCH
TRIGGER 2	MOMENTARY OR LATCH
TRIGGER 3	MOMENTARY OR LATCH
TRIGGER 4	MOMENTARY OR LATCH
TRIGGER 5	MOMENTARY OR LATCH
TRIGGER 6	MOMENTARY OR LATCH
TRIGGER 7	MOMENTARY OR LATCH
TRIGGER 8	MOMENTARY OR LATCH
FRONT JACKS	ELECTRIC OR HYDRAULIC
REAR JACKS	ELECTRIC OR HYDRAULIC

# TROUBLESHOOTING

Symptom	Solution
DC will not turn ON or No	Try the ON/OFF button.
front panel operation	Check main fuse in Distribution Panel.
	Check 12V+ on wire to DC (RED wire).
	Check Ground wire to DC.
No Power to the Body	Check the Red power LED is off,
Control Module (BCM)	Check the fuse in the Distribution Panel.

Check 12V+ on wire at pin 80.
Check Ground wire at pin 77.

# **SPECIFICATIONS**

Display Commander (DC)	
Operating Voltage	
Maximum Current Draw	<u>.</u> 600ma@12vdc
Minimum Operating Voltage	9vdc
Maximum Operating Voltage	16vdc
Body Control Module (BCM)	
Operating Voltage	12vdc
Maximum Current Draw	. <u>.</u> 600ma@12vdc
Minimum Operating Voltage	9vdc
Maximum Operating Voltage	16vdc
JRVCS1 System	
EPROM Non-Volatile Memory	YES
Bluetooth Version	4.0 BLE
General	

Body Control Module	-FCC-Notes	
(H)	· · · · · · · · · · · · · · · · · · ·	刪除: 1855mm
	WARNING! Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.	
	NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.	<b>格式化:</b> 靠右
	This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.	
	<ul> <li>However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: <ul> <li>Reorient or relocate the receiving antenna.</li> <li>Increase the separation between the equipment and receiver.</li> <li>Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.</li> </ul> </li> </ul>	



# SETUP → Text Editing

1. Select "setup"



2. Long press "Awning1"

Generator	•	ADC
Fuel Station	•	Sava
Fresh Water Tank 1	•	Save
Fresh Water Tank 2	•	Bluetooth
Black Water Tank 1	•	Lock
Black Water Tank 2	•	Default
Gray Water Tank 1	•	Brightness
Gray Water Tank 2	•	
Gray Water Tank 3	0	Maintain
≡ Awning 1	•	Info

3. A device rename window will open. Press "OK" after completing the text editing.



### SETUP → Scroll List Editing

1. Select "setup"



2. Press the " $\hat{\mathbf{l}}$ " icon before the device name and move the device to a new location, "Electric Slide 1" as an example.

🚍 Awning 2	•	
≡ Hydraulic Slide Room	•	
≡ Electric Slide 2	•	Save
≡ Electric Slide 3	•	Bluetooth
≡ Electric Slide 4	•	Lock
≡ Electric Slide 5	•	Default
≡ Electric Slide 1		
≡ Light Group 1	•	Brightness
≡ Light Group 2	•	Maintain
≡ Light Group 3	•	Info
≡ Light Group 4		

# SETUP → Triggers

1. Triggers 1 through 8 can be added to the system.

≡ Trigger 1	•	ADC
≡ Trigger 2	•	Save
≡ Trigger 3	<u> </u>	Bluetooth
≡ Trigger 4	<u> </u>	
≡ Trigger 5	•	
≡ Trigger 6	0	Default
≡ Trigger 7	•	Brightness
≡ Trigger 8	•	Maintain
Hitch	Electric	Info
Rear Landing Jacks	Electric	

2 Either "Momentary" or "Latch" can be selected for each Trigger.

≡ Awning Light	•	ADC	
≡ Trigger 1	Momentary	Save	)
≡ Trigger 2	Momentary		J
≡ Trigger 3	Momentary	Bluetooth	J
≡ Trigger 4	Momentary	Lock	
≡ Trigger 5	Latch	Default	
≡ Trigger 6	Latch	Brightness	
≡ Trigger 7	Latch	Maintain	)
≡ Trigger 8	Latch		)
Hitch	0	Info	J

# <u>SETUP</u> → Tanks

1. Fresh water tanks, Black water tanks and Gray water tanks can be added to the system,

Fresh Water Tank 1	•	ADC
Fresh Water Tank 2	•	Save
Black Water Tank 1	•	
Black Water Tank 2		Bluetooth
Gray Water Tank 1	•	Lock
Gray Water Tank 2	•	Default
Gray Water Tank 3	• • • • • • • • • • • • • • • • • • •	Brightness
Awning 1	•	Maintain
Awning 2	•	
≡ Hydraulic Slide Room	•	Info

# SETUP →Lights

1. Light Groups can be added to the system,



# <u>SETUP</u> →Slides

1. Slides can be added to the system,



### SETUP →Awnings

1. Awnings can be added to the system,



# <u>SETUP</u>→Jacks

1. Jacks can be added to the system,

≡ Trigger 1	•	ADC
≡ Trigger 2	•	Save
≡ Trigger 3	•	Bluetooth
≡ Trigger 4	•	
≡ Trigger 5	•	
≡ Trigger 6	•	Default
≡ Trigger 7	•	Brightness
≡ Trigger 8	<b>o</b>	Maintain
Hitch	Electric	Info
Rear Landing Jacks	Electric	

## <u>SETUP</u> → Passcode

1. Select "Setup".



2. Press "Lock" to enter passcode setup.

Generator	•	ADC
Fuel Station	•	Save
Fresh Water Tank 1	•	Jave
Fresh Water Tank 2	•	Bluetooth
Black Water Tank 1	•	Lock
Black Water Tank 2	•	Default
Gray Water Tank 1	•	Brightness
Gray Water Tank 2	•	
Gray Water Tank 3	•	Maintain
≡ Awning 1	•	Info

3. The passcode setup window will open. (DEFAULT FACTORY SETTING IS "ON")

Generator		Gasoline	ADC
Fuel Station		•	Save
Fresh 1		•	
Fresh 2			Bluetooth
Black 1	Passcode	Passcode	
Black 2	On Edit	Cancel	Default
Gray 1			Brightness
Gray 1 Gray 2			Brightness
Gray 1 Gray 2 Gray 3			Brightness Maintain
Gray 1 Gray 2 Gray 3 ELight Group 1			Brightness Maintain Info

# 3.1 Turn on Passcode Protection

3.1.1. Press "On" to turn on passcode protection. The system will request a passcode. (5391)



3.1.2. Select the idle time to activate the passcode protection.



3.1.3 Passcode protection is activated.

Generator		Gasoline	ADC
Fuel Station			Sava
Fresh 1			Save
Fresh 2			Bluetooth
Black 1	Passcode		Lock
Black 2	On Edit	Cancel	Default
Gray 1			Brightness
Gray 2			Maintain
Gray 3			
≡ Light Group 1			Info

# 3.2 Turn OFF Passcode protection

3.2.1. When passcode protection is ON, press "On" button to turn off passcode protection

Generator		Gasoline	ADC
Fuel Station		•	Save
Fresh 1			
Fresh 2	Passcode Off disclaimer-Lorem ipsum dolor sit amet,consectertur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut eniim ad minim veniam, quis nostrum exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.		Bluetooth
Black 1			Lock
Black 2			Default
Gray 1	Accept	Decline	Brightness
Gray 2			Maintain
Gray 3			
≡ Light Group 1			Info

3.2.2. Read the passcode "Off" disclaimer statement and press "Accept" to proceed.



3.2.3 Enter passcode to proceed

3.2.4. Passcode protection is now turned off.



# 3.3 Change Passcode

3.3.1. Press the "Edit" button to change to a new passcode.

Generator			Gasoline	ADC	
Fuel Station			•	Save	
Fresh 1			•		
Fresh 2			•	Bluetooth	
Black 1		Passcode		Lock	
Black 2	Off	Edit	Cancel	Default	
Gray 1			•	Brightness	
Gray 2			•	Maintain	
Gray 3			•		
≡ Light Group 1			•	Info	

3.3.2. Enter the old passcode.



3.3.3. Enter the new passcode.

Generator			Gasoline	ADC
Fuel Station	Ent	ter New Passo	ode	Save
Fresh 1	En			Save
Fresh 2	Car	ncel O	ĸ	Bluetooth
Black 1				Lock
Black 2			•	Default
	1	<b>2</b> ABC	3 DEF	
	<b>4</b> сні	5 JKL	<b>6</b> MNO	
	7 PQRS	<b>8</b> TUV	9 wxyz	
	€3	0	Done	



3.3.4. Confirm new passcode.

PAIRING INSTRUCTIONS

# DC to BCM

# 1. Select "Setup"



2. Select "Maintain"

Generator	•	ADC
Fuel Station	•	Sava
Fresh Water Tank 1	<b>o</b>	Save
Fresh Water Tank 2	0	Bluetooth
Black Water Tank 1	<b>o</b>	Lock
Black Water Tank 2	<b>o</b>	Default
Gray Water Tank 1	•	Brightness
Gray Water Tank 2	0	
Gray Water Tank 3	0	Maintain
■ Awning 1	0	Info

3. Currently, it shows no Bluetooth Low Energy device connected to this DC. Press the "Select" button across from the "BLE Device".

BLE Device:	Select
Floor Plan: N/A	Select
OverCurrent:	Set
DC Version: 2.02	Update
App Version: 2.03	Update
BCM Version: Unknow	Update
Clear All App Data	Clear

4. The DC will find and list all available devices.



5. Press the target BCM to connect, "JENSENBCM 037EA0" as an example.

6. The DC will automatically return to the previous page and show the paired BCM.

BLE Device:	Select
Floor Plan: N/A	Select
OverCurrent:	Set
DC Version: 2.02	Update
App Version: 2.03	Update
BCM Version: Unknow	Update
Clear All App Data	Clear

7. Press the hot key to exit the "Maintain" setup page and the DC will start to connect to the selected BCM.



# BCM to DC

BLE connection is activated by the DC. The BCM only needs to power up. There is no action needed from the BCM.

## PAIRING INSTRUCTIONS → Mobile Device to DC

1. DC side.

1.1 Select "Setup".

Fresh 1 OOC	)	Black 1 OOO		Gray 1 OOO	
Setup		Ø	Bat 0 V	tery DC	
Water Pump	Water Heater	Interior Lights	Exterior Lights	Security Lights	

1.2. Select "Bluetooth".

Generator	•	ADC
Fuel Station	•	Save
Fresh Water Tank 1	•	Save
Fresh Water Tank 2	•	Bluetooth
Black Water Tank 1	•	Lock
Black Water Tank 2	•	Default
Gray Water Tank 1	•	Brightness
Gray Water Tank 2	•	
Gray Water Tank 3	•	Maintain
Awning 1	•	Info

1.3. Currently, it shows no BT paired device connected to this DC. Press the "Discover" button to activate the BT pairing mode.

Paired Devices:	
	Scan Discover Reflash
Unpaired Devices:	
NB02212 9C:B7:0D:CD:8C:CF null 6C:71:D9:72:2A:C6	

1.4. Press "Allow".

Paired Devices:			_	
				Scan
				Discover
				Reflash
	An app wants to make your tab devices for 300 seconds.	let visible to other Bluetooth		
Unpaired Devices: NB02212	Deny	Allow		
null 6C:71:D9:72:2A:C6				

2. Mobile Device side.

2.1 Press "Bluetooth" on the "Setup" page to find the DC device.



2.2. The Mobile APP will scan for the DC device.

I	9 🕄 🗎 10:42
<b>GIENSEN</b>	
Paired Daviasa:	
	Scanning
22:22:4B:02:D2:80	Discover
	Reflash
NB02212	
9C:B7:0D:CD:8C:CF	
MI	
88:0F:10:20:99:4F	
NB01031 20:16:D8:D8:58:68	
20.10.00.00.00	
	<b>Q</b>
$\downarrow$ $\land$	

2.3. Find the "DC" in the unpaired device list. Press "DC device" to pair with it.



3.2 The DC now shows the Mobile device is paired.

Paired Devices:	
Nexus 7 D8:50:E6:8D:51:ED	Scan End:273 Reflash
Unpaired Devices:	
98:F1:15:03:7D:BD NB02212 9C:B7:0D:CD:8C:CF	

Software Update

1. Select "Setup".

Fresh 1 OOC	)	Black 1 OOO		Gray 1 OOO	
Setup		Ø	Bat 0 V	tery /DC	
Water Pump	Water Heater	Interior Lights	Exterior Lights	Security Lights	

2. Attach the update software USB Drive before selecting "Maintain".

Generator	•	ADC
Fuel Station	•	Sava
Fresh Water Tank 1	•	Save
Fresh Water Tank 2	•	Bluetooth
Black Water Tank 1	•	Lock
Black Water Tank 2	•	Default
Gray Water Tank 1	•	Brightness
Gray Water Tank 2	•	
Gray Water Tank 3	•	Maintain
≡ Awning 1	•	Info

3. The system will look for specific file names for software updates and turn on "Select" action buttons accordingly.

- File name: "JRVCS1\_AP Vxxxx.apk" → DC APP update, (xxxx is version number)
- File name: "JRVCS1\_CM Vxxxx.bin"  $\rightarrow$  BCM update, (xxxx is version number)
- File name: "update.zip"  $\rightarrow$  DC Android OS update

BLE Device:	Select
Floor Plan: N/A	Select
OverCurrent:	Set
DC Version: 2.02	Update
App Version: 2.03	Update
BCM Version: Unknow	Update
Clear All App Data	Clear

### 3.1. Press the APP "Update" button to update DC APP.



BCM Device: 98:5	JRVCS1 DC		Select
Floor Plan: N/A	Do you want to install an update existing data will not be lost. The access to:	to this built-in application? Your updated application will get	Select
OverCurrent:		ALL	Set
DC Version: 2.02		Update	
App Version: 2.03	This update requires	Update	
BCM Version: 2.0		Update	
Clear All App Data	Cancel	install	Clear

3.2. Press the BCM "Update" button to update the BCM firmware.

BCM Device: 98:58:8A:03	:7E:A0	Select
Floor Plan: N/A		Select
OverCurrent:	Undate IBVCS1-CMV/2.00 hin 2	Set
DC Version: 2.02	OK Cancel	Update
App Version: 2.03		Update
BCM Version: 2.01		Update
Clear All App Data		Clear

BCM Device: 98:58	:8A:03:7E:A0		Select
Floor Plan: N/A			Select
OverCurrent:	BCM Update		Set
DC Version: 2.02	Progress		Update
App Version: 2.03	0% 0/100		Update
BCM Version: 2.01		Update	
Clear All App Data			Clear

3.3 Press the DC "Update" button to update DC Android OS.



## Reset → Floor Plan

1. Select "Setup".



2. Press "Default" to restore the system to previous settings.

Generator	•	ADC
Fuel Station	•	Save
Fresh Water Tank 1	•	
Fresh Water Tank 2	•	Bluetooth
Black Water Tank 1	•	Lock
Black Water Tank 2	•	Default
Gray Water Tank 1	•	Brightness
Gray Water Tank 2	•	Maintain
Gray Water Tank 3	•	
≡ Awning 1	<b>o</b>	Info

3. Select "Floor Plan" to restore the previous floor plan setting. Current settings will be lost.

Generator		Gasoline	ſ	ADC	
Fuel Station		Ó		Sava	
Fresh 1		•			
Fresh 2	-			Bluetooth	
Black 1	Select which version to restore? It will lose current			Lock	
Black 2	Floor Plan Factory	Cancel		Default	
Gray 1				Brightness	
Gray 2				Maintain	
Gray 3					
≡ Light Group 1				Info	

4. Select "Factory" to restore back to ASA default settings. Current settings will be lost.

Generator		Gasoline	ADC
Fuel Station			Save
Fresh 1			
Fresh 2			Bluetooth
Black 1	Select which version to restore? setting.	Lock	
Black 2	Elear Dian	Canaal	Default
Gray 1			Brightness
Gray 2			Maintain
Gray 3			
≡ Light Group 1			Info



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