

**SCS-FRIGETTE To AVITAL 3100LS WIRE CONVERSION CHART
WINNEBAGO KEYLESS ENTRY (2004-2009)**

Wnnebago "Early or Late" 2004 to 2009 Models (4-Button Remote, FCC# G57ITX318)				AVITAL or Viper Keyless Entry System #3100 (FCC frequency # ???)			
SCS Pin	COACH WIRE HARNESS	Wire Color	SCS Pin#	Avital Pin#	Wire Color	Other Comments	Avital Pin Description
Pin 1	Blank (aka Open)		-	-		No Connect (N/C)	
2	+12v IN Lock/Unlock Polarity	Red/Black	-	-	RED	Use to power cargo lock relays: ADD 10A FUSE and pigtail all relay Pins 85 & Pin 30 together. (See diagram.) This will change the (-) input pulse to a (+) output pulse. 1 relay for lock and 1 relay for unlock.	
3	Door Lock	Red/Black	3	3	Thin Blue	On 3 pin Door Connector	Negative Trigger (-) Lock, (+) unlock output
4	Ground	Black	4	8	Black	On 12 Pin Connedor	(-) Chassis Ground Input
5	Open		-	-			
6	Open		-	-			
7	Open		-	-			
8	Open		-	-			
9	Door Unlock	Pink/White	9	1	Thin Green	On 3 pin Door Connector	Positive Trigger (+) Lock, (-) unlock output
10	Ignition	White/Red	10	9	Yellow	On 12-pin connector	(12v+) Ignition Input when Key is turned "on"
11	Porch Light Convenience	Light Blue	11	4	Black/White	You may need to add a diode to block feedback from porch light.	(-) 200mA Interior Light Illuminaton
12	Open		-	-			
13	Parking Clearance Lights	Green/red	13	2	White	10A Fused	(=/-) Selectable Light Flash Output
14	+12V Battery	Red	14	11	Red	15A Fused	(+) 12V Constant Power Input
15	Cargo Lock	Black/Pink	15	3	White/Blue	"Lock" -- Channel #3	Add 1 relay (See below)
16	Cargo Unlock	White/Pink	16	12	Red/White	" Unlock" -- Channel #2	Add 1 relay (See below)
* Pin 17	Blank on Early Models or Yellow in Late Model RVs 2004-09	Blank or Yellow	???	???	???	???	Used For External Keypad Funtion

* So what is the difference between the early and late model SCS-Frigette KES? ...Answer: 1 addition pin. (See Pin #17 on the newer system.) That is all. What Winnebago did is add Pin #17 so they can offer an external Key Pad near the front door in later models 2004-09.

The following wiring diagram will use one relay to convert a (-) unlock pulse to (+) pulse; and another relay to convert a (-) LOCK pulse to (+) pulse to LOCK your Trunk/cargo door.

NOTES: Only test your Avital FOB with your door closed. You also need to hold the "Trunk Open" button for 2 or more seconds to unlock your cargo doors... And the lock the cargo doors your need to hold down both "Lock & Unlock" buttons together.