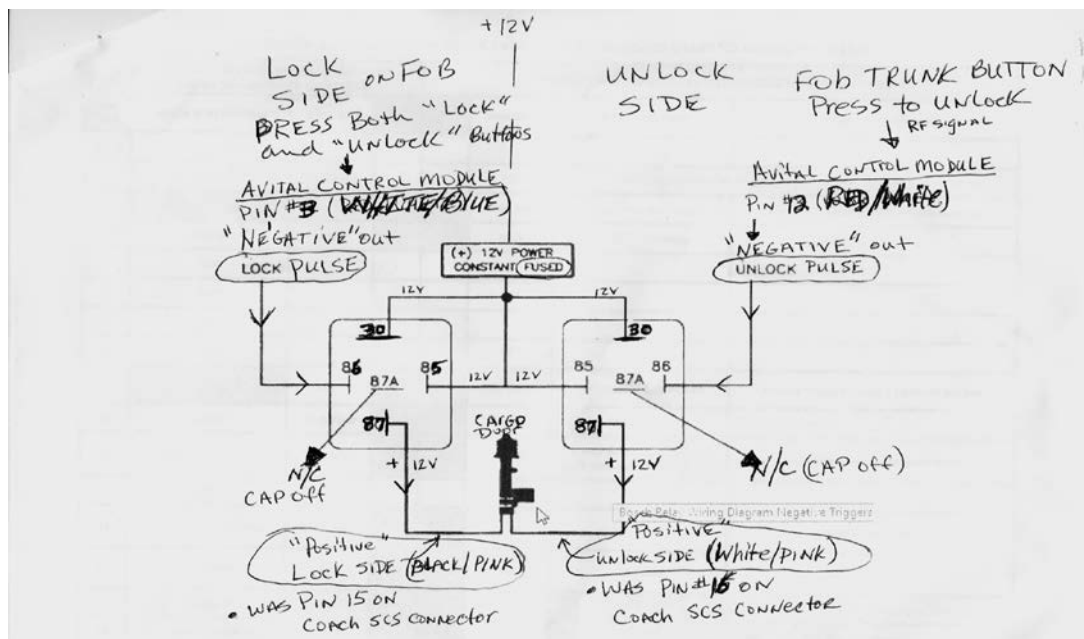


# SCS-FRIGETTE / WINNEBAGO KEYLESS ENTRY WIRE CONVERSION CHART TO AVITAL/VIPER 3100

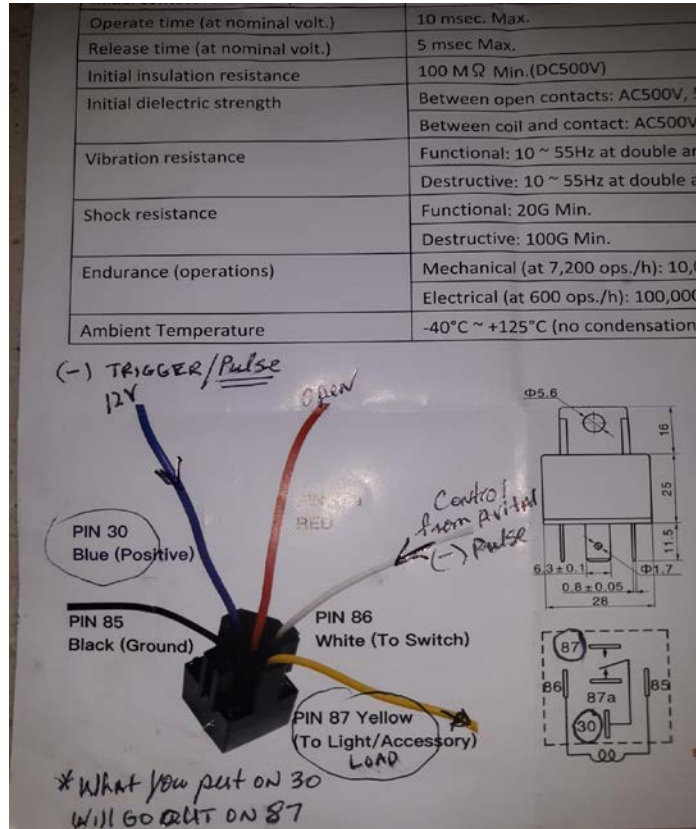
Winnebago "Early or Late" 2004 to 2009 Models with 4-Button Remote (FCC# G57ITX318)				AVITAL or Viper Keyless Entry System #3100 (FCC frequency # ??? )			
SCS Pin#	COACH WIRE HARNESS	Wire Color	SCS Pin#	Avital Pin#	Wire Color	Other Comments	Avital Pin Description
Pin 1	Blank (aka Open)		-	-		No Connect (N/C)	
2	+12v IN Lock/Unlock Polarity	Red/Black	-	-	RED	ADD 10A FUSE... To relay Pins 85 & Pin 30 on each Cargo Lock relay to output a (+) pulse... using the FOB Channel #2 (Pin 12) and Channel #3 (Pin 3)	
3	Door Lock	Red/Black	3	3	Thin Blue	On 3 pin Door Lock Harness	Negative Trigger (-) Lock, (+) unlock output
4	Ground	Black	4	8	Black	On 12 Pin Connector	(-) Chassis Ground Input
5	Open		-	-			
6	Open		-	-			
7	Open		-	-			
8	Open		-	-			
9	Door Unlock	Pink/White	9	1	Thin Green	On 3 pin Door Lock Harness	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 Illumination
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	Channel #3 "Lock"	Add 1 relay to achieve + Pulse output (See diagram)
16	Cargo Unlock	White/Pink	16	12	Red/White	Channel #2 "Unlock"	Add 1 relay to achieve + Pulse output (See diagram)
* Pin 17	Blank on Early Models or Yellow Late Models 2004-09	Blank or Yellow	???	???	???	???	Used For External Keypad Function

\* 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.

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



\* What you put on 30 goes out on 87, when pin 86 receives a Negative Pulse (From the Keyless Entry Control Module)



**RELAY WIRING FOR "+" Trigger Siren**  
When you switch the coil side of the relay "On" with Pin #86... what you put on Pin #30 goes out on pin #87 to activate the Siren.

