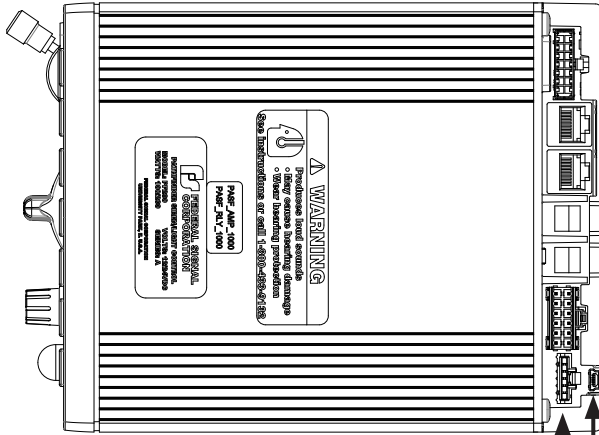


25500481 REV. B1 0321



Vehicle OBDII/CAN

USB

WIRE FUNCTION	COLOR	WIRE GAUGE
Relay 1 (10 A Max)	Black	16 AWG
Relay 2 (10 A Max)	Green	16 AWG
Relay 3 (10 A Max)	White	16 AWG
Relay 4 (10 A Max)	Yellow	16 AWG
Relay 5 (10 A Max)	Gray	16 AWG
Relay 6 (10 A Max) (+/-) *	Orange	16 AWG
Relay 7 (5 A Max) (PF200)	Violet	16 AWG
Relay 8 (5 A Max) (PF200)	Red	16 AWG
Relay 9 (5 A Max) (PF200)	Blue	16 AWG
Relay 10 (5 A Max) (PF200)	Brown	16 AWG
Relay 11 (5 A Max) (PF200)	Pink	16 AWG
Relay 12 (5 A Max) (PF200)	Tan	16 AWG

*Relay 6 can switch BAT+ or GND-, all other relays switch BAT+ only.
Relay 6 default is GND - output.

WIRE FUNCTION	COLOR	WIRE GAUGE
Radio (+)	Green	20 AWG
Radio (-)	Wht/Grn	20 AWG
Speaker 1 (+)	Blue	20 AWG
Speaker 1 (-)	Brown	20 AWG
Speaker 2 (+) (PF200)	Wht/Blu	20 AWG
Speaker 2 (-) (PF200)	Wht/Brn	20 AWG
Horn (5A Max)	White	20 AWG
Ignition	Yellow	20 AWG
Park **	Gray	20 AWG
Input 1 **	Orange	20 AWG
Input 2 **	Violet	20 AWG
Input 3 **	Wht/Red	20 AWG
Input 4 **	Wht/Org	20 AWG
Horn Ring **	Wht/Yel	20 AWG

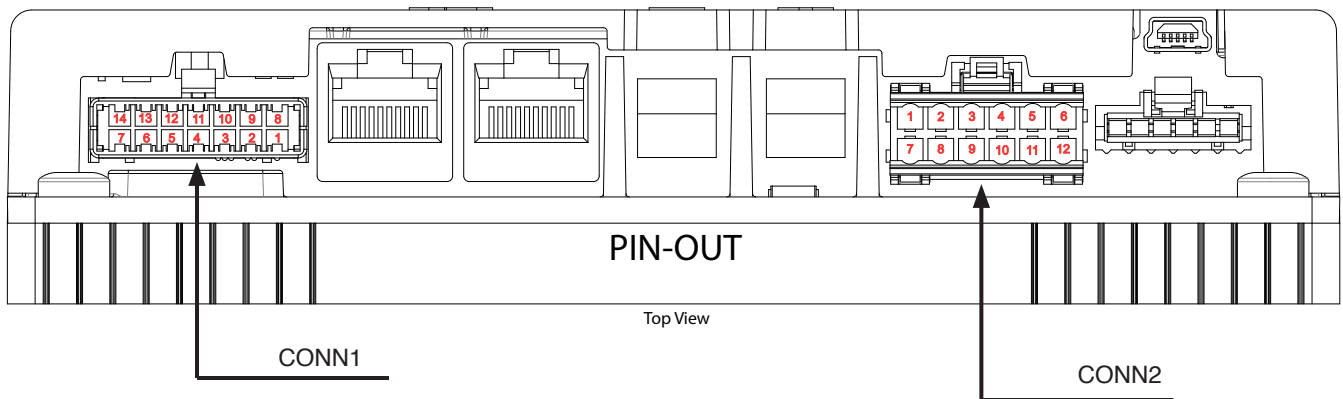
** Default GND- sense, Software Programmable to BAT+ sense
*** Default BAT+ sense, Software Programmable to GND- sense

BATTERY +

GND -

Federal Signal Convergence Network

QuickStart Guide and Installation Worksheet



Vehicle: Make _____ Model _____ Year _____

FUNCTION	Wire Color	Connector – Pin Number	Connection
Relay 1 (10A)	Black	CONN2 – PIN8	
Relay 2 (10A)	Green	CONN2 – PIN9	
Relay 3 (10A)	White	CONN2 – PIN10	
Relay 4 (10A)	Yellow	CONN2 – PIN11	
Relay 5 (10A)	Gray	CONN2 – PIN7	
Relay 6 (10A)	Orange	CONN2 – PIN12	
Relay 7 (5A) (PF200)	Violet	CONN2 – PIN3	
Relay 8 (5A) (PF200)	Red	CONN2 – PIN2	
Relay 9 (5A) (PF200)	Blue	CONN2 – PIN1	
Relay 10 (5A) (PF200)	Brown	CONN2 – PIN4	
Relay 11 (5A) (PF200)	Pink	CONN2 – PIN5	
Relay 12 (5A) (PF200)	Tan	CONN2 – PIN6	
Radio (+)	Green	CONN1 – PIN1	
Radio (-)	Wht/Grn	CONN1 – PIN2	
Speaker 1 (+)	Blue	CONN1 – PIN3	
Speaker 1 (-)	Brown	CONN1 – PIN4	
Speaker 2 (+) (PF200)	Wht/Blu	CONN1 – PIN5	
Speaker 2 (-) (PF200)	Wht/Brn	CONN1 – PIN6	
Horn	White	CONN1 – PIN7	
Ignition	Yellow	CONN1 – PIN8	
Park	Gray	CONN1 – PIN9	
Input 1	Orange	CONN1 – PIN10	
Input 2	Violet	CONN1 – PIN11	
Input 3	Wht/Red	CONN1 – PIN12	
Input 4	Wht/Org	CONN1 – PIN13	
Horn Ring	Wht/Yel	CONN1 – PIN14	

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