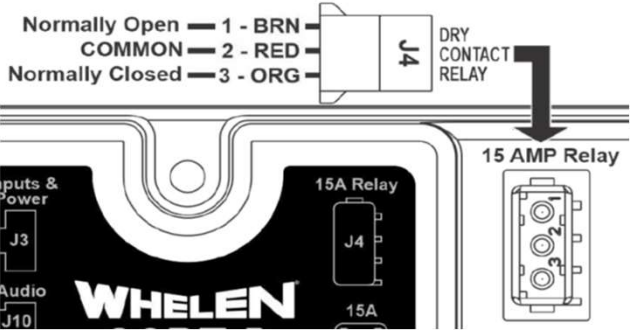


Integrated Core-R System

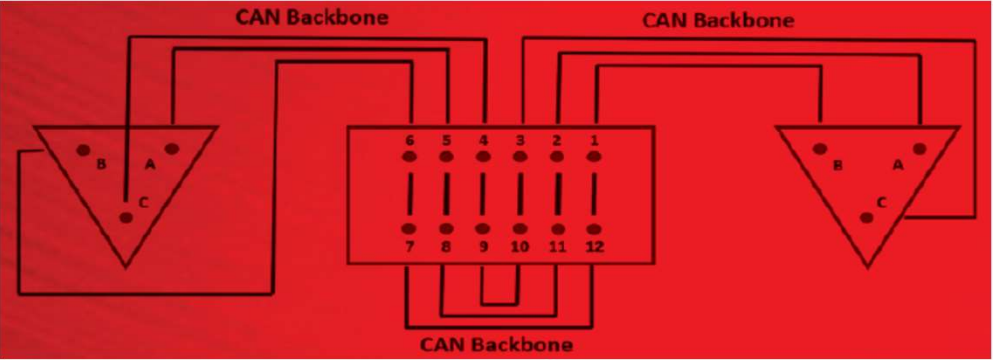
Core R Inputs				
Plug Position	Label	Wire Color	Miller Wire Color	Description
J3-1	Battery	Red (+)	Red	12V-24V Battery +
J3-2	Left Turn	Wht/Brn (+)	Yellow/Green	Chassis body builder
J3-3	Right Turn	Wht/Red (+)	Green/Yellow	Chassis body builder
J3-4	Brake	Wht/Org (+)	Red/Black	Chassis body builder
J3-5	Marker	Brn (+)	Brown	Chassis body builder
J3-6	Ground	Blk	White	Battery Ground
J3-7	Ignition	Red/Wht (+)	Red/Yellow	Ignition Sense Input
J3-8	Reverse	Org (+)	Blue	Chassis body builder
J3-9	Photo Cell	Yel (+)	Violet	
J3-10	E-Stop	Grn (+)	GS Color is BLUE	GS remote E-stop Active High

Core-R Output Relay 15A				
Plug Position	Label	Wire Color	Miller Wire Color	Description
J4-1	BATTERY +	RED(Com)	Red	12/24V
J4-2		ORG(N/C)		
J4-3	SWIVEL LIGHTS	BRN(N/O)	Green/White	REAR SWIVEL LIGHTS [24]

Plug Position	Label	Wire Color	Miller Wire Color
J5-1	CAN HI	GREEN	YELLOW
J5-2	SHIELD	BLK/WHITE	BARE
J5-3	CAN LO	GRAY	GREEN
J7-4	-plugged-	-plugged-	-plugged-



CEM 1 16 Outputs		2.5 A each				
Plug Position	Label	CEM Wire Color	Miller Wire Color	Description	[JUNCTION BOX STUD]	Control
J5-1	SOLID MARKER	Brn (+)	Orange/Black	NON-FLASHING MARKER [31]		CORE J3-5
J5-2	BRAKE	Red (+)	Red/Black	BRAKE [10]		CORE J3-4
J5-3	PTO	Org (+)	Orange	PTO [SPARE STUD]		PTO - SW19
J5-4	LEFT TURN	Yel (+)	Yellow/Green	LEFT TURN [21]		CORE J3-2
J5-5	RIGHT TURN	Grn (+)	Green/Yellow	RIGHT TURN [22]		CORE J3-3
J5-6	REVERSE	Blu (+)	Blue	REVERSE [23]		CORE J3-8
J5-7	TA LEFT	Vio (+)		TRAFFIC ADVISOR LEFT [SPAR E STUD]		TA L/S - SW6/7
J5-8	TA RIGHT	Gry (+)		TRAFFIC ADVISOR RIGHT [SPARE STUD]		TA R/S - SW7/8
J6-1	DVI/LOW POWER HW OUTF	Wht/Brn (+)		DVI/LOW PWR PURPLE WIRE [SPARE STUD]		CORE J3-9 / SW13
J6-2	CONTROLS POWER	Wht/Red (+)	Red/White	CONTROLS POWER [13]		CNTL / SW20
J6-3	TAKE DOWN	Wht/Org (+)		TAKEDOWN [SPARE STUD]		TKDN / SW10
J6-4	TI/BX BEACN	Wht/Yel (+)	Green/Black	TL/BX BEACON (AUX 2) [8]		TXBN / SW4 / SL01
J6-5	BEACON	Wht/Grn (+)	Blue/Black	MAIN BEACON [35]		BCON / SW1 / SL01
J6-6	LOWER WORK	Wht/Blu (+)	Brown/Black	LOWER WORK [25]		LWRK / SW14
J6-7	UNDERLIFT WORK	Wht/Vio (+)	Violet	UNDERLIFT LIGHTS [27]		UNDR / SW15
J6-8	SPARE	Wht/Gry (+)				



DO NOT USE PWR