

VACATIONER CARAVANS ROUGH RIDER				
NUMBER	FUNCTION	COLOUR	REQUIRED	WIRE THICKNESS
1	LEFT HAND INDICATOR	YELLOW	YES	3mm ²
2	REVERSE SIGNAL	BLACK	NO	3mm ²
3	GROUND - EARTH	WHITE	YES	3mm ²
4	RIGHT HAND	GREEN	YES	3mm ²
5	SERVICE BRAKES	BLUE	YES	3mm ²
6	STOP LIGHTS	RED	YES	3mm ²
7	CLEARANCE LIGHTS	BROWN	YES	3mm ²
8	CHARGE WIRE	ORANGE OR RED	NO	
9	FRIDGE	RED	NOT REQUIRED RUN THROUGH BMS	
10	GROUND - EARTH	WHITE	NO	
11	AUX		NO	
12	AUX		NO	
MODIFICATION TO A 3-WAY FRIDGE REQUIRES TERMINATION TO ANDERSON PLUG				
ANDERSON PLUGS				REAR VIEW CAMERA 5 PIN TO WOZA BRACKET
		BLACK ANDERSON PLUG IS FOR POWERING DISC BRAKES FROM CAR TO CARAVAN (APPLICABLE ONLY TO CARAVANS FITTED WITH DISC BRAKES)	50A ANDERSON - 8mm ²	
		RED ANDERSON PLUG IS FOR POWERING TO ESC	50A ANDERSON - 4mm ²	
		GREY ANDERSON PLUG IS FOR CHARGING FROM CAR TO CARAVAN	50A 12V SYSTEM 16mm ²	
ENDURA				
NUMBER	FUNCTION	COLOUR	REQUIRED	WIRE THICKNESS
1	LEFT HAND INDICATOR	YELLOW	YES	3mm ²
2	REVERSE SIGNAL	BLACK	NO	3mm ²
3	GROUND - EARTH	WHITE	YES	3mm ²
4	RIGHT HAND	GREEN	YES	3mm ²
5	SERVICE BRAKES	BLUE	YES	3mm ²
6	STOP LIGHTS	RED	YES	3mm ²
7	CLEARANCE LIGHTS	BROWN	YES	3mm ²
8	CHARGE WIRE	ORANGE OR RED	NO	
9	FRIDGE	RED	NOT REQUIRED RUN THROUGH BMS	
10	GROUND - EARTH	WHITE	NO	
11	AUX		NO	
12	AUX		NO	
ANDERSON PLUG				SINGLE REAR VIEW CAMERA 4 PIN
		GREY ANDERSON PLUG IS FOR CHARGING FROM CAR TO CARAVAN	50A ANDERSON - 16mm ²	
				FOR WRAITH WIRELESS REAR VIEW CAMERA. NO WIRING NEEDED
DAKAR				
NUMBER	FUNCTION	COLOUR	REQUIRED	WIRE THICKNESS
1	LEFT HAND INDICATOR	YELLOW	YES	3mm ²
2	REVERSE SIGNAL	BLACK	NO	3mm ²
3	GROUND - EARTH	WHITE	YES	3mm ²
4	RIGHT HAND	GREEN	YES	3mm ²
5	SERVICE BRAKES	BLUE	YES	3mm ²
6	STOP LIGHTS	RED	YES	3mm ²
7	CLEARANCE LIGHTS	BROWN	YES	3mm ²
8	CHARGE WIRE	ORANGE OR RED	NO	
9	FRIDGE	RED	NOT REQUIRED RUN THROUGH BMS	
10	GROUND - EARTH	WHITE	NO	
11	AUX		NO	
12	AUX		NO	
ANDERSON PLUGS				FOR DUAL REAR VIEW CAMERA 5 PIN
		BLACK ANDERSON PLUG IS FOR POWERING DISC BRAKES FROM CAR TO CARAVAN (APPLICABLE ONLY TO CARAVANS FITTED WITH DISC BRAKES)	50A ANDERSON - 8mm ²	
		RED ANDERSON PLUG IS FOR POWERING TO ESC	50A ANDERSON - 4mm ²	
		GREY ANDERSON PLUG IS FOR CHARGING FROM CAR TO CARAVAN	175A ANDERSON - 70mm ² (48V SYSTEM)	
ALL 48V SYSTEMS NEED THE ABOVE REQUIREMENTS FOR ANDERSON PLUGS				
DISCLAIMER: THESE ARE OUR STANDARD PLUGS IF THERE IS CUSTOMIZATION TO VAN THIS MAY CHANGE DIAGRAM. SOME PLUGS MAY HAVE VIOLET WIRE TO PIN 11 OR 12 THIS IS ONLY FOR LED DISPLAY FOR BREAK SWITCH TO BE DISPLAYED IN CAR				