



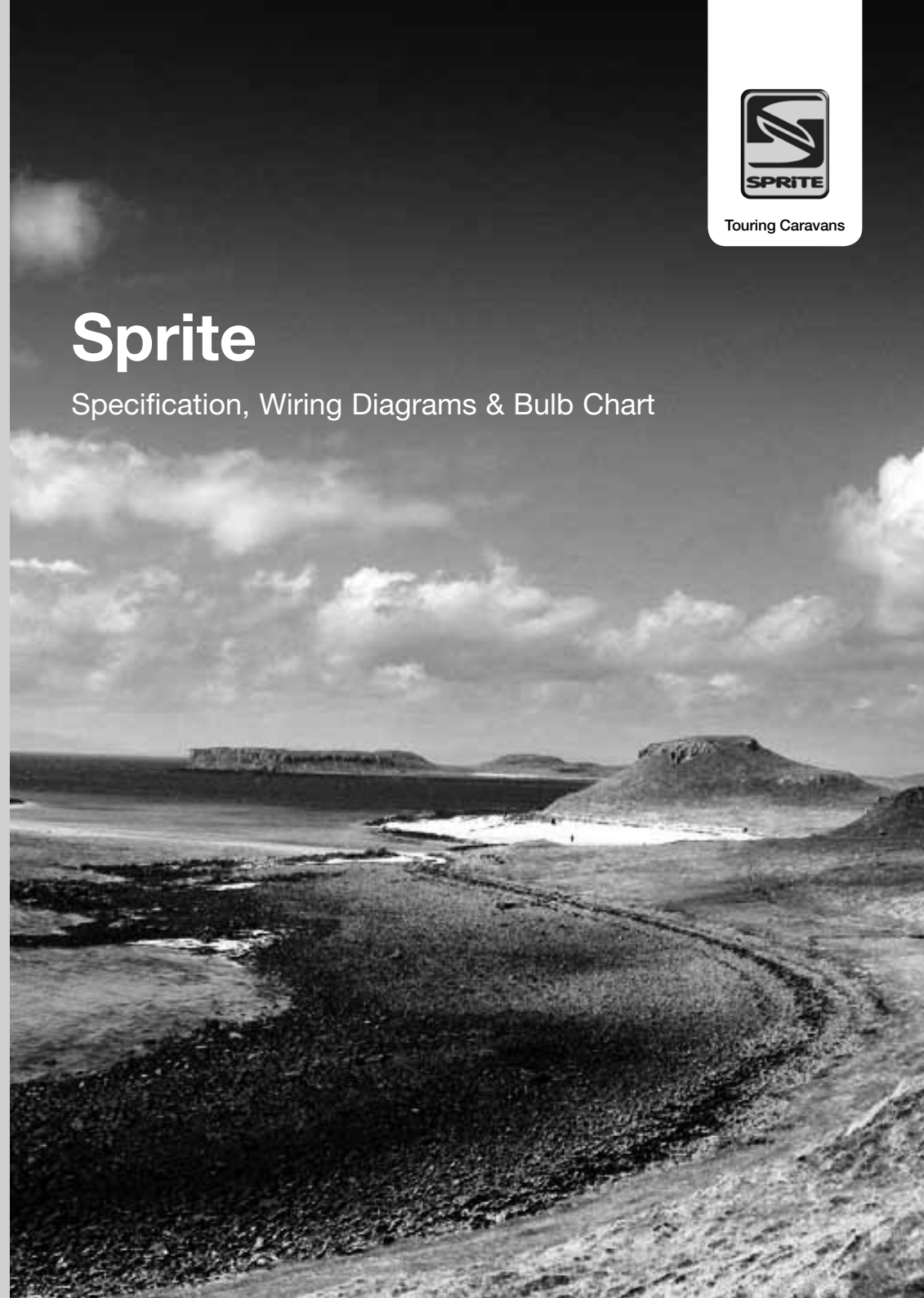
Touring Caravans



Touring Caravans

# Sprite

Specification, Wiring Diagrams & Bulb Chart



## SWIFT GROUP

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# Specification

Sprite	Finesse 2	Alpine 2	Alpine 4
Berths	2	2	4
Axles	1	1	1
Internal Length (bed box height)	3.66m/12'0"	4.34m/14'3"	4.74m/15'7"
Overall Width	2.23m/7'4"	2.23m/7'4"	2.23m/7'4"
Overall Height (inc. TV Aerial)	2.61m/8'7"	2.61m/8'7"	2.61m/8'7"
Maximum Internal Headroom	1.95m/6'5"	1.95m/6'5"	1.95m/6'5"
Overall Length	5.35m/17'7"	6.04m/19'10"	6.45m/21'2"
Awning A/A dimension*	7.87m/25'10"	8.55m/28'1"	8.95m/29'4"
Mass in Running Order (inc. tolerance)	935kg/18.4cwt	1000kg/19.7cwt	1029kg/20.3cwt
Maximum Technical Permissible Laden Mass (Lower limit)	1084kg/21.3cwt	1156kg/22.8cwt	1209kg/23.8cwt
Maximum Technical Permissible Laden Mass (Upper limit)	1200kg/23.6cwt	1200kg/23.6cwt	1250kg/24.6cwt
Total user Payload	149kg/2.9cwt	156kg/3.1cwt	180kg/3.5cwt
Personal Effects	114kg/2.2cwt	121kg/2.4cwt	145kg/2.9cwt
Options	35kg/0.7cwt	35kg/0.7cwt	35kg/0.7cwt
Tyre Size	175 R14C 99R	175 R14C 99R	175 R14C 99R
Tyre pressure at Lower limit MTPLM	47 psi	51 psi	54 psi
Tyre pressure at Upper limit MTPLM	53 psi	53 psi	56 psi
Static Load on Coupling Head	100kg	100kg	100kg
Thermal Insulation Grade**	THREE	THREE	THREE
<b>Bed Sizes</b>			
Front Double	208cm x 180cm/6'10" x 5'11"	208cm x 180cm/6'10" x 5'11"	208cm x 134cm/6'10" x 4'5"
or Front Nearside Single	180cm x 72cm/5'11" x 2'4"	190cm x 72cm/6'3" x 2'4"	
and Front Offside Single	190cm x 72cm/6'3" x 2'4"	180cm x 72cm/5'11" x 2'4"	
Rear Double			188cm x 137cm/6'2" x 4'6"
Rear Bunk			
Side Single (offside)			
Side Single (nearside)			
Side Bunk (offside)			
Side Bunk (nearside)			
Rear Fixed Lower Bunk			
Rear Fixed Mid Bunk			
Rear Fixed Upper Bunk			
Side Fixed Lower Bunk			
Side Fixed Mid Bunk			
Side Fixed Upper Bunk			

**Weights:** For the 2011 model year the method of calculating the Mass in Running Order (MRO) and user payload figures has changed in order to bring it in line with European Vehicle Directives.

Allowances for essential equipment (e.g. gas cylinders) previously allowed for in the user payload are now contained within the MRO. A provision for a leisure battery which used to be within the essential

equipment payload has now been included within the personal effects payload allowance.

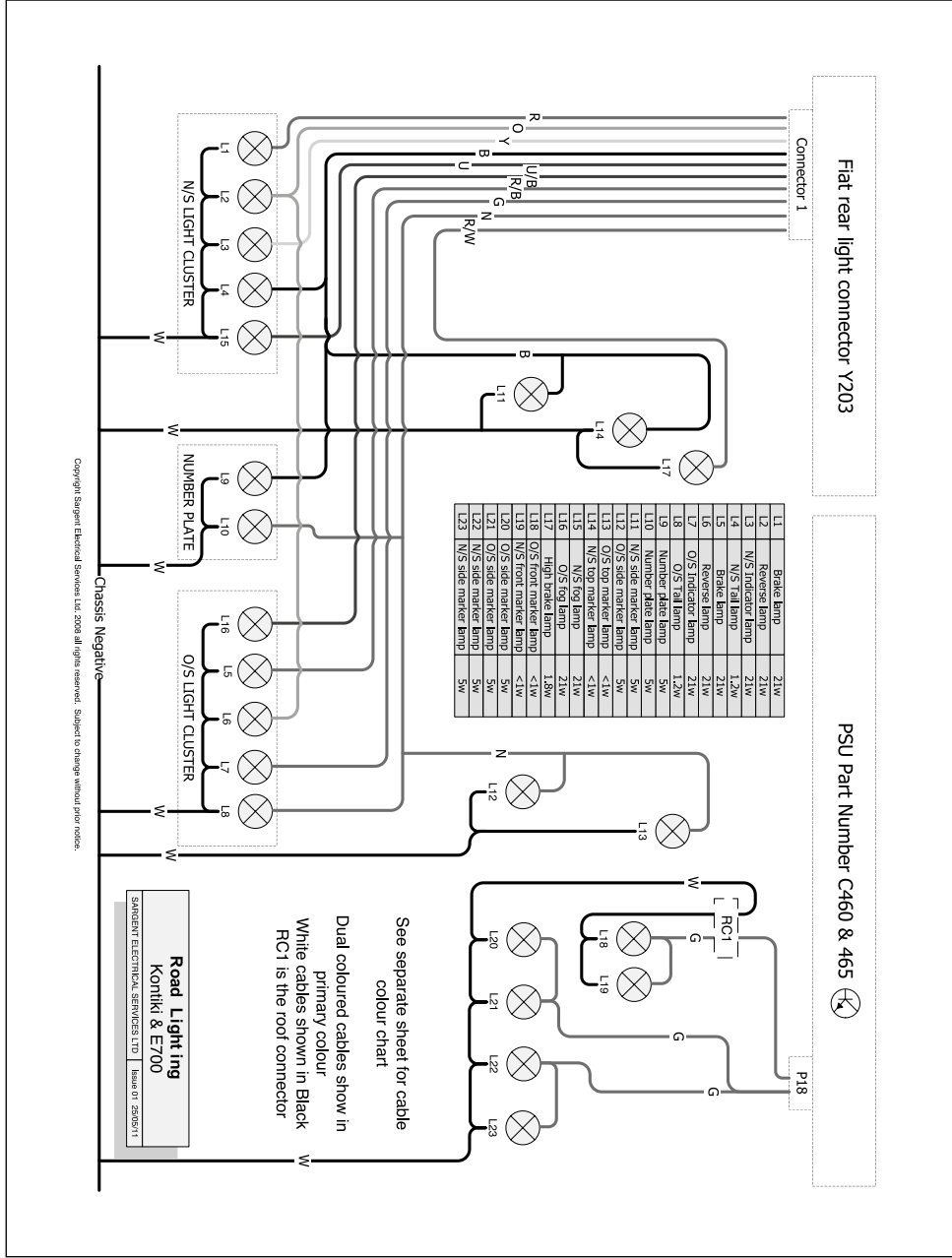
Although the method of calculation has changed, the overall effect is that the amount of payload available to the customer has remained the same, it is just calculated in a different manner

**Bed Sizes :** Please note that the front double bed sizes quoted are for seating configurations without chest of drawers. The front double bed width for a layout with a chest of drawers fitted will be reduced by 0.5m(1'8") from that stated.

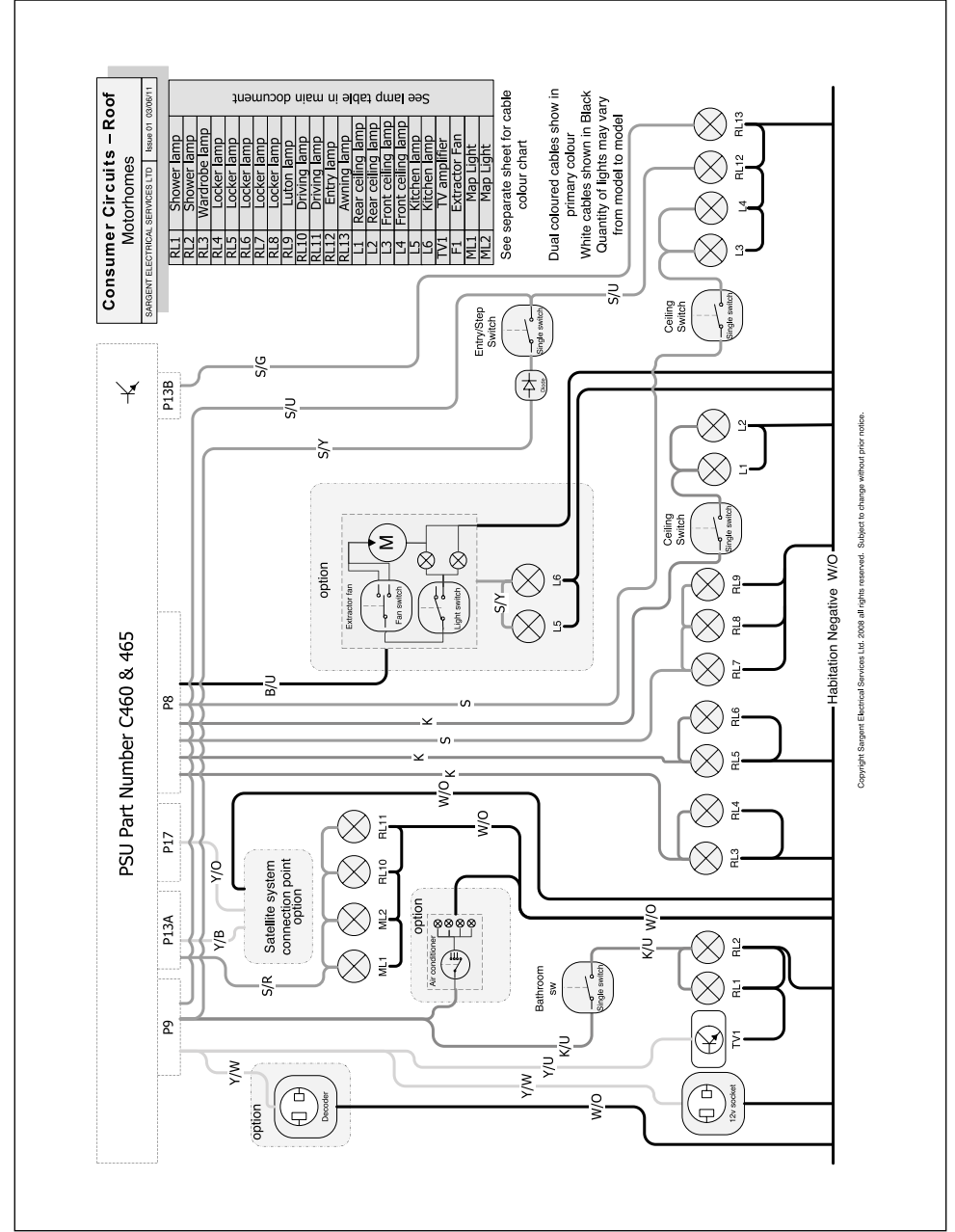
Musketeer TD	Musketeer EB	Major 6	Quattro FB
5	5	6	6
1	1	1	2
4.74m/15'7"	4.74m/15'7"	5.50m/18'1"	6.27m/20'7"
2.23m/7'4"	2.23m/7'4"	2.23m/7'4"	2.23m/7'4"
2.61m/8'7"	2.61m/8'7"	2.61m/8'7"	2.61m/8'7"
1.95m/6'5"	1.95m/6'5"	1.95m/6'5"	1.95m/6'5"
6.45m/21'2"	6.45m/21'2"	7.20m/23'7"	7.96m/26'1"
8.95m/29'4"	8.95m/29'4"	9.71m/31'10"	10.48m/34'5"
1080kg/21.3cwt	1095kg/21.6cwt	1197kg/23.6cwt	1340kg/26.4cwt
1270kg/25.0cwt	1285kg/25.3cwt	1405kg/27.7cwt	1555kg/30.6cwt
1300kg/25.6cwt	1300kg/25.6cwt	1500kg/29.5cwt	1600kg/31.5cwt
190kg/3.7cwt	190kg/3.7cwt	208kg/4.1cwt	215kg/4.2cwt
155kg/3.1cwt	155kg/3.1cwt	173kg/3.4cwt	180kg/3.5cwt
35kg/0.7cwt	35kg/0.7cwt	35kg/0.7cwt	35kg/0.7cwt
175 R14C 99R	175 R14C 99R	185 R14 102R	175/65 R14 86T
57 psi	58 psi	58 psi	34 psi
59 psi	59 psi	63 psi	35 psi
100kg	100kg	100kg	100kg
THREE	THREE	THREE	THREE
208cm x 134cm/6'10" x 4'5"	208cm x 180cm/6'10" x 5'11"	208cm x 180cm/6'10" x 5'11"	208cm x 180cm/6'10" x 5'11"
	180cm x 72cm/5'11" x 2'4"	180cm x 72cm/5'11" x 2'4"	180cm x 72cm/5'11" x 2'4"
	190cm x 72cm/6'3" x 2'4"	190cm x 72cm/6'3" x 2'4"	190cm x 72cm/6'3" x 2'4"
194cm x 132/120cm/ 6'4" x 4'4"/3'11"			192cm x 132cm/6'4" x 4'4"
			180cm x 70cm/5'11" x 2'4"
194cm x 68cm/6'4" x 2'3"		170cm x 75cm/5'9" x 2'6"	
			176cm x 59cm/5'9" x 1'11"
180cm x 59cm/5'11" x 1'11"			
	181cm x 55cm/5'11" x 1'10"		
	181cm x 61cm/5'11" x 2'0"		
	183cm x 61cm/6'0" x 2'0"		
		174cm x 57cm/5'8" x 1'10"	
		183cm x 58cm/6'0" x 1'11"	
		181cm x 58cm/5'11" x 1'11"	

**Awning sizes:** Due to varying awning designs and sizes the awning sizes given are approximate only. Specific awning sizes must be confirmed by your dealer or awning manufacturer prior to purchase.

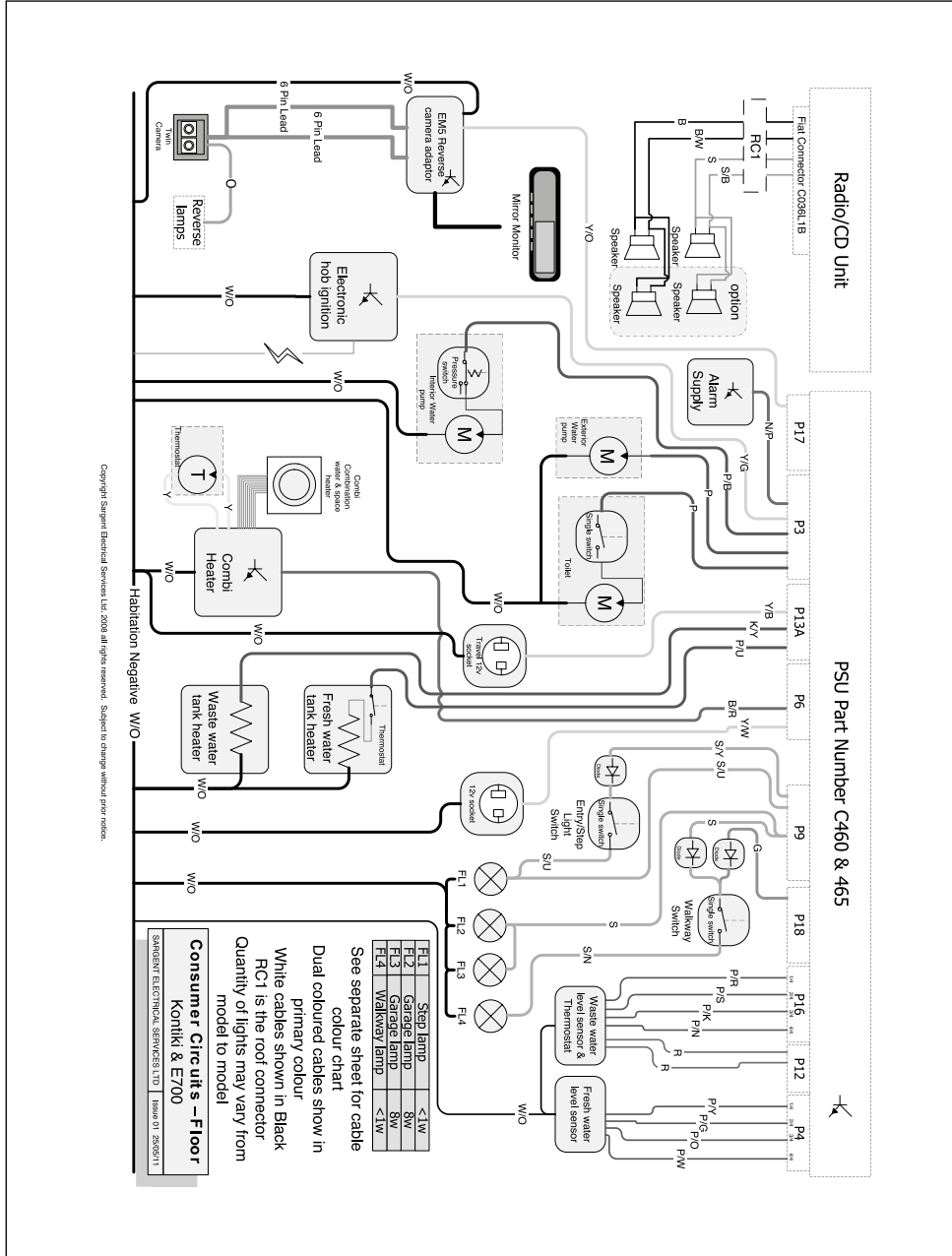
## Sprite range - Road lighting



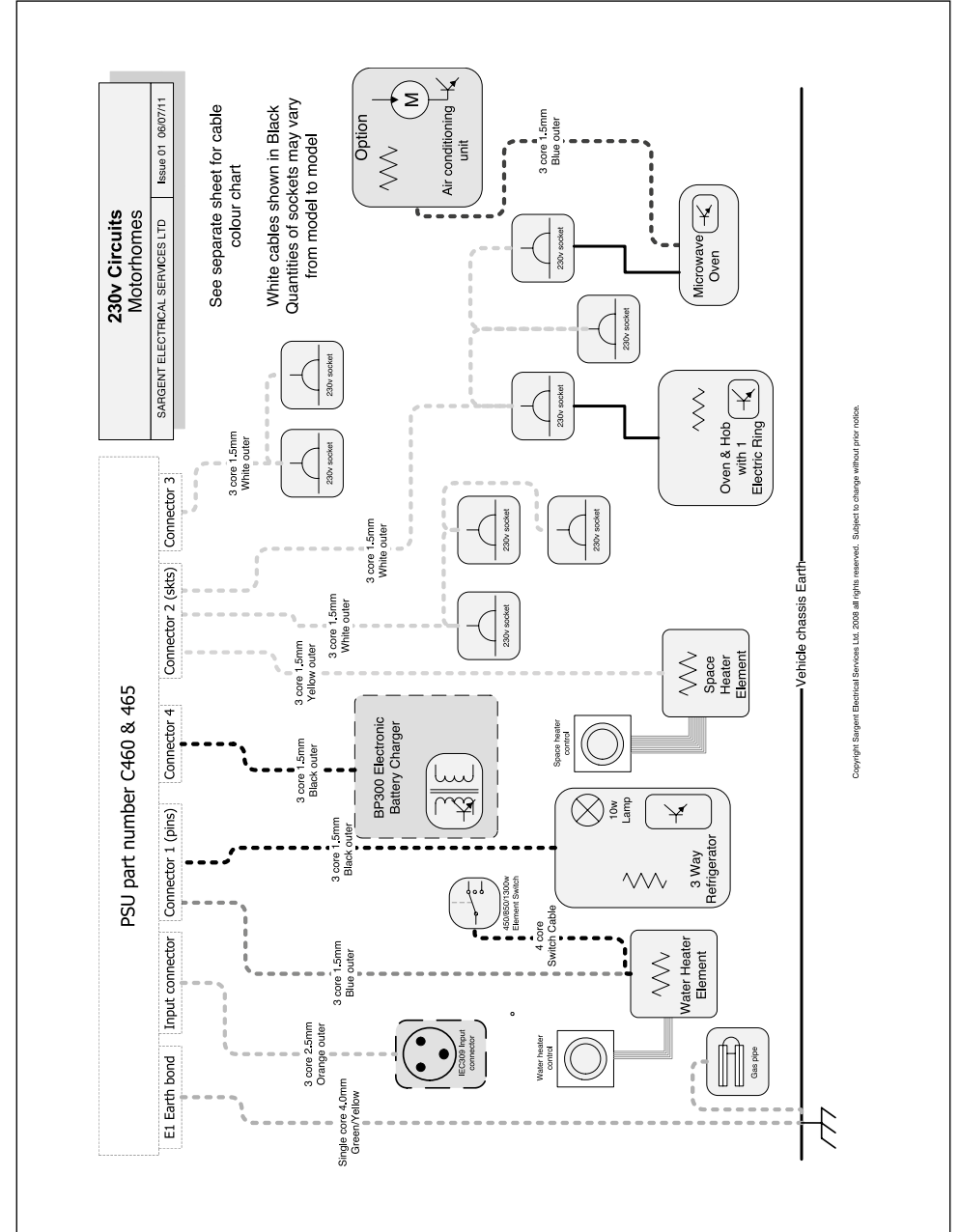
## Sprite range - Roof circuits



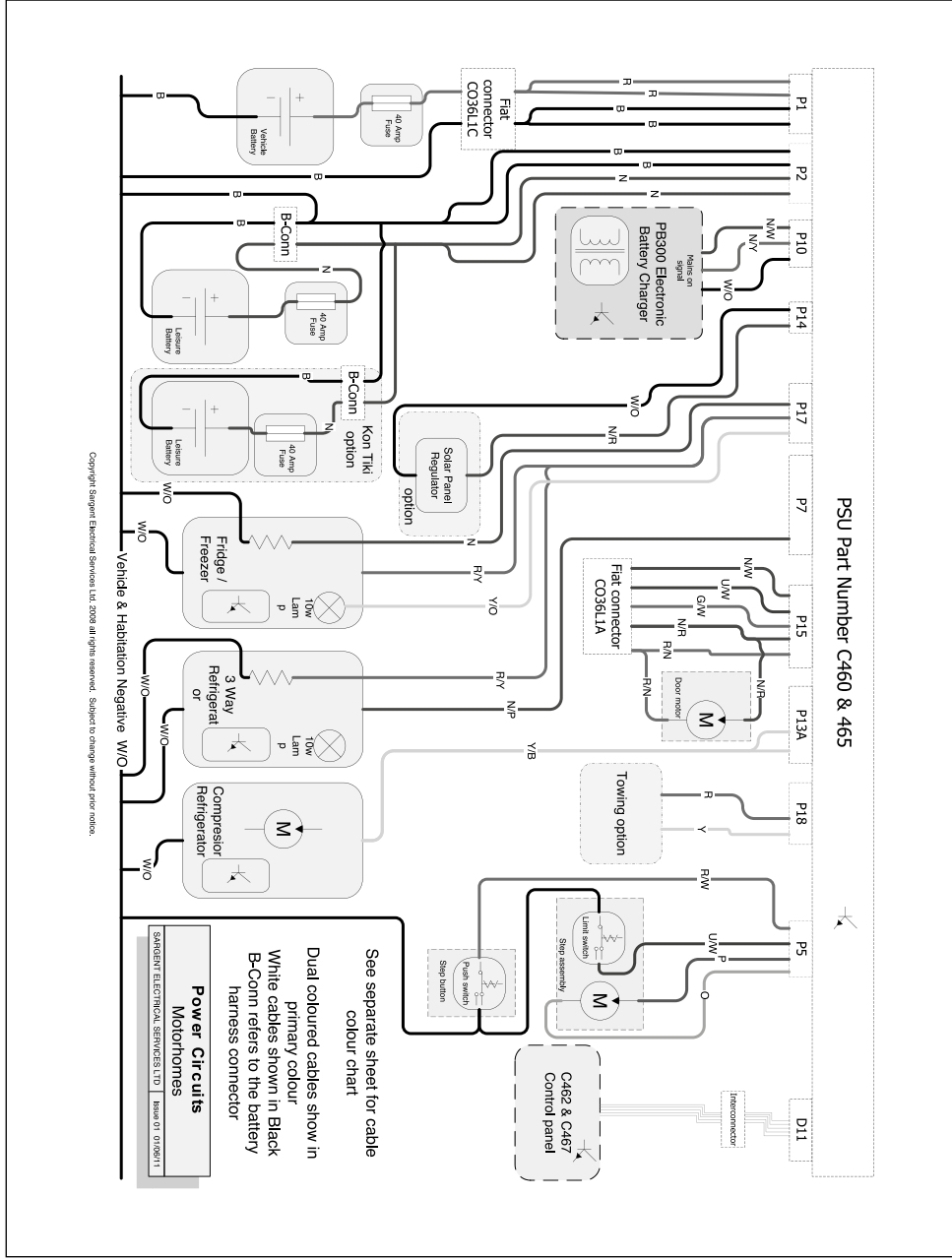
## Sprite range - Floor circuits



## Sprite range - 230V circuits



## Sprite range - Power circuits



## Sprite range - 13 pin socket

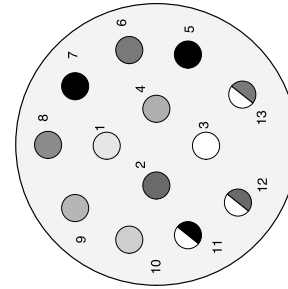
### ISO 11446 Circuits Swift Group Caravans (where applicable)

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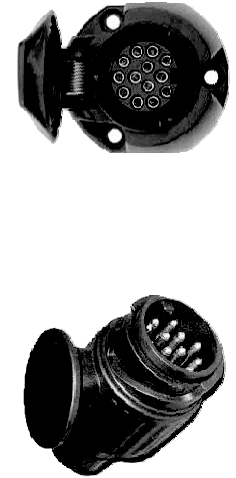
It is possible to get adaptors that convert two sockets on the towbar to a single 13 pin ISO socket, and vice versa.

Connection lead from 12N 7 pin socket plus 12S 7 pin socket to 13pin Euro Socket. (Converts a vehicle with two 7 pin sockets to a caravan with a 13 pin plug)

Please be aware that some car and adaptor manufacturers don't provide the fridge power connections



11446 Plug Connector viewed from cable entry on plug



Pin No	Core Colour	Core Size	Function
1	Yellow	1.5	Left Hand Indicator Light
2	Blue	1.5	Rear Fog Warning Light(s)
3	White	2.5	Earth for pins 1 - 8
4	Green	1.5	Right Hand Indicator Light
5	Brown	1.5	Right Hand Tail Light
6	Red	1.5	Brake Lights
7	Black	1.5	Left Hand Tail Light
8	Pink	1.5	Reverse Light(s)
9	Orange	2.5	Car + ve
10	Slate (Grey)	2.5	Fridge + ve
11	White/Black	2.5	Earth for pin 10
12	White/Blue	1.5	Not Yet Allocated
13	White/Red	2.5	Earth for pin 9


## Sprite range - Cable colours

**12v Cable Colours**

<b>B</b>	BLACK
<b>N</b>	BROWN
<b>R</b>	RED
<b>O</b>	ORANGE
<b>Y</b>	YELLOW
<b>G</b>	GREEN
<b>U</b>	BLUE
<b>P</b>	PURPLE
<b>S</b>	SLATE GREY
<b>W</b>	WHITE
<b>K</b>	PINK

**230v Cable Colours**

<b>B</b>	BLACK
<b>N</b>	BROWN
<b>W</b>	WHITE
<b>O</b>	ORANGE
<b>Y</b>	YELLOW
<b>G</b>	GREEN
<b>U</b>	BLUE



**Y/U** Yellow cable with Blue stripe

Example

<b>Cable Colour Chart</b>	
Swift Group 2009	
SARGENT ELECTRICAL SERVICES LTD.	Issue 01 01/09/08

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Road Lights	Bulb type	Bulb rating
Front marker lights	W5W	12v 5W
Side marker	C5W	12v 5W
Reversing light	P21	12v 21W
Rear indicator light	PY21W Orange Bulb	12v 21W
Brake / tail light	P21/5W	12v 21W/5W
Fog light	P21	12v 21W
Number plate light	C5W	12v 5W
Interior / Other Lights	Bulb type	Bulb rating
Awning lights	P21W	12v 20W
Front centre mains light	SES compact fluorescent (spiral)	230v 9W
Spot / reading lights	GU4/MR11 Dichroic	GU4 12v 10W
Kitchen light	Fluorescent 300mm	12v 8W
Eyelite bunk reading light	T10 T3 1/4) wedge	12v 5W
Ceiling light round	Halogen capsule	G4 12v 20W
Ceiling light, small round white	Halogen capsule	G4 12v 10W
Downlighters	Halogen capsule	G4 12v 10W

Note: Not all lights and bulbs feature on all models within a range

# Bulb Replacement

## **SPRITE ROAD LIGHT BULB ACCESS**

### **REAR ROAD LIGHT CLUSTERS (STOP / TAIL / INDICATOR / REVERSE / FOG)**

Bulb access is from front / via lense of each lamp cluster.

Remove 4x screws from each light lense and withdraw lense.

Bulbs are a bayonet fitting – apply slight pressure on bulb towards light fitting, and twist to release.

Reverse procedure to re-fit bulb and lense.

Take care when replacing stop/tail lamp bulb, that orientation of bulb is correct – to check, brake light operation should be brighter than tail lamp operation.

### **UPPER REAR SIDE POSITION LAMPS (RED / CLEAR LENSE)**

Lense is removed from base to access bulb.

Carefully insert small flat bladed screwdriver into recess in lower edge of lamp base. Apply pressure to release locking barb.

Lift lense upwards and away from lamp base, lower edge first.

Lever bulb out of retaining clips.

Reverse procedure to re-fit bulb and lense.

## **NUMBER PLATE LAMPS**

Bulb access is from the front / via lense of each lamp.

Remove the two screws in the lense of the lamp.

Lever the bulb out of retaining clips.

Reverse the procedure to re-fit a new bulb and the light lense.

## **FRONT MARKER / POSITION LAMPS**

Bulb access is from rear of lamp.

Remove 2x screws from light fitting, and withdraw whole fitting from caravan body.

Harness plugs into bulb holder - Twist bulb holder relative to lamp body to release bulb holder from lamp body.

Bulbs are push fit into bulb holder - pull bulb directly away from holder to release.

Reverse procedure to replace bulb in holder, holder in lamp and lamp onto caravan body.