



Spirit of Adventure

SPRITE CARAVANS

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SPECIFICATION, WIRING DIAGRAMS & BULB CHART



Spirit of Adventure



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Specifications

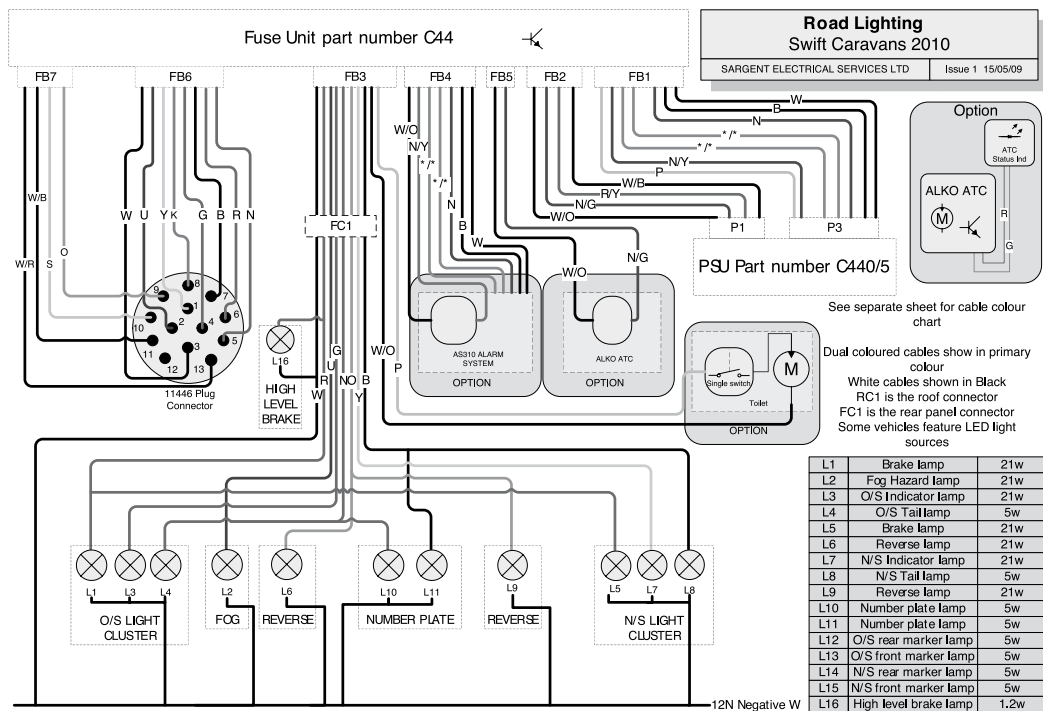
	ALPINE 2	ALPINE 4	MUSKETEER TD	MAJOR 6 Triple Bunk	QUATTRO FB
Berths	2	4	5	6	6
Axles	1	1	1	1	2
Internal Length (bed box height)	4.34m/14'3"	4.74m/15'7"	4.74m/15'7"	5.50m/18'1"	6.27m/20'7"
Overall Width	2.23m/7'4"	2.23m/7'4"	2.23m/7'4"	2.23m/7'4"	2.23m/7'4"
Overall Height (inc. TV Aerial)	2.61m/8'7"	2.61m/8'7"	2.61m/8'7"	2.61m/8'7"	2.61m/8'7"
Maximum Internal Headroom	1.95m/6'5"	1.95m/6'5"	1.95m/6'5"	1.95m/6'5"	1.95m/6'5"
Overall Length	6.04m/19'10"	6.45m/21'2"	6.45m/21'2"	7.20m/23'7"	7.96m/26'1"
Mass in Running Order (inc. tolerance)	975kg/19.2cwt	1001kg/19.7cwt	1052kg/20.7cwt	1177kg/23.2cwt	1306kg/25.7cwt
Essential Habitation Equipment Payload	68kg/1.3cwt	68kg/1.3cwt	68kg/1.3cwt	68kg/1.3cwt	68kg/1.3cwt
Personal Effects Payload	102kg/2.0cwt	126kg/2.5cwt	126kg/2.5cwt	153kg/3.0cwt	161kg/3.2cwt
Optional Equipment Payload	35kg/0.7cwt	35kg/0.7cwt	35kg/0.7cwt	35kg/0.7cwt	35kg/0.7cwt
Total user Payload	204kg/4.0cwt	228kg/4.5cwt	228kg/4.5cwt	256kg/5.0cwt	263kg/5.1cwt
Maximum Technical Permissible Laden Mass (DECLARED)	1180kg/23.2cwt	1230kg/24.2cwt	1290kg/25.4cwt	1433kg/28.2cwt	1570kg/30.8cwt
Maximum Technical Permissible Laden Mass (POSSIBLE)	1200kg/23.6cwt	1250kg/24.6cwt	1350kg/26.6cwt	1500kg/29.5cwt	1600kg/31.5cwt
Awning A/A dimension†	8.55m/28'1"	8.95m/29'4"	8.95m/29'4"	9.71m/31'10"	10.48m/34'5"
Tyre Size	175 r14 99	175 r14 99	175 r14 99	185 r14 102	175/65 r14 86
Tyre pressure at DECLARED MTPLM**	55 psi	60 psi	60 psi	62psi	40psi
Tyre pressure at POSSIBLE MTPLM**	63 psi	63 psi	63 psi	65psi	40psi
Static Load on Coupling Head	100kg	100kg	100kg	100kg	100kg
Thermal Insulation Grade	TWO	TWO	TWO	TWO	TWO
Bed Sizes					
Front Double	208cm x 180cm/6'10" x 5'11"	208cm x 134cm/6'10" x 4'5"	208cm x 134cm/6'10" x 4'5" (TBC)	208cm x 180cm/6'10" x 5'11"	208cm x 180cm/6'10" x 5'11"
or Front Single (nearside)	190cm x 72cm/6'3" x 2'4"			190cm x 72cm/6'3" x 2'4"	180cm x 72cm/5'11" x 2'4"
or Front Single (offside)	180cm x 72cm/5'11" x 2'4"			180cm x 72cm/5'11" x 2'4"	190cm x 72cm/6'3" x 2'4"
Rear Double		188cm x 137cm/6'2" x 4'6"	194cm x 123/111cm/6'4" x 4'0/3'8" (TBC)		192cm x 132cm/6'4"x 4'4"
Rear Bunk					
Side Bunk			180cm x 59cm/5'11" x 1'11" (TBC)	178cm x 59cm/5'10" x 1'11"	
Rear Lower Bunk				180cm x 62cm/5'11" x 2'1"	178cm x 59cm/5'10" x 1'11"
Rear Upper Bunk				184cm x 60cm/6'0" x 2'0"	
Side Single (nearside)			194cm x 68cm/6'4" x 2'3" (TBC)	170cm x 75cm/5'9" x 2'6"	
Side Single (offside)					180cm x 70cm/5'11" x 2'4"

Bed sizes: Please note that double bed sizes are quoted with wrap round seating.

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

Wiring Diagrams

Sprite range - Road lighting



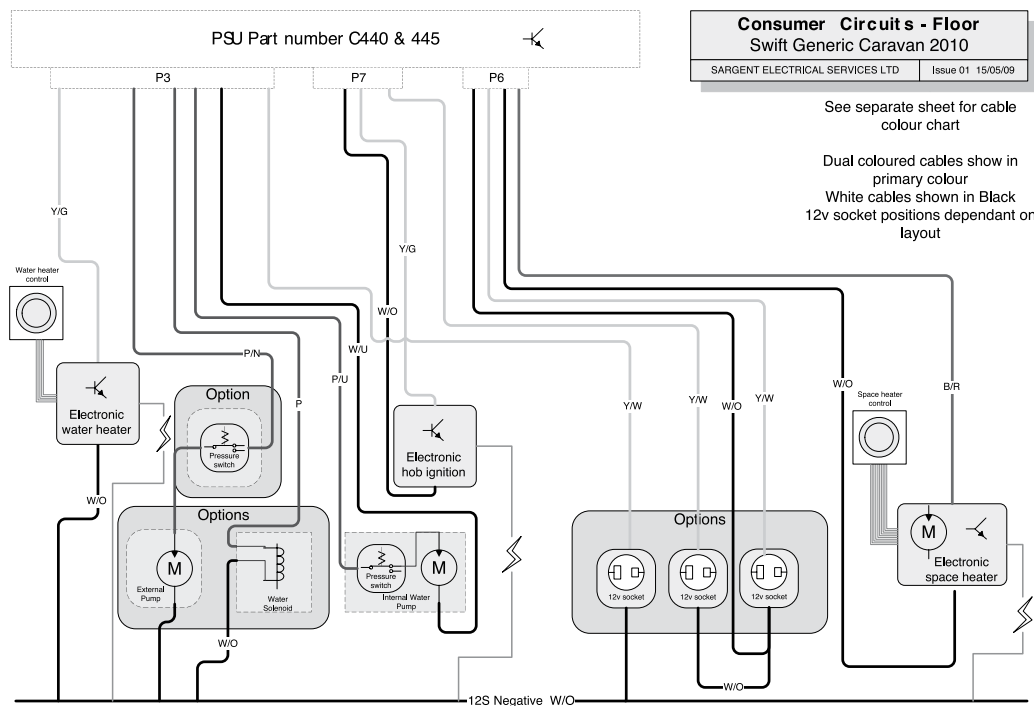
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Sprite range - Roof circuits



Wiring Diagrams

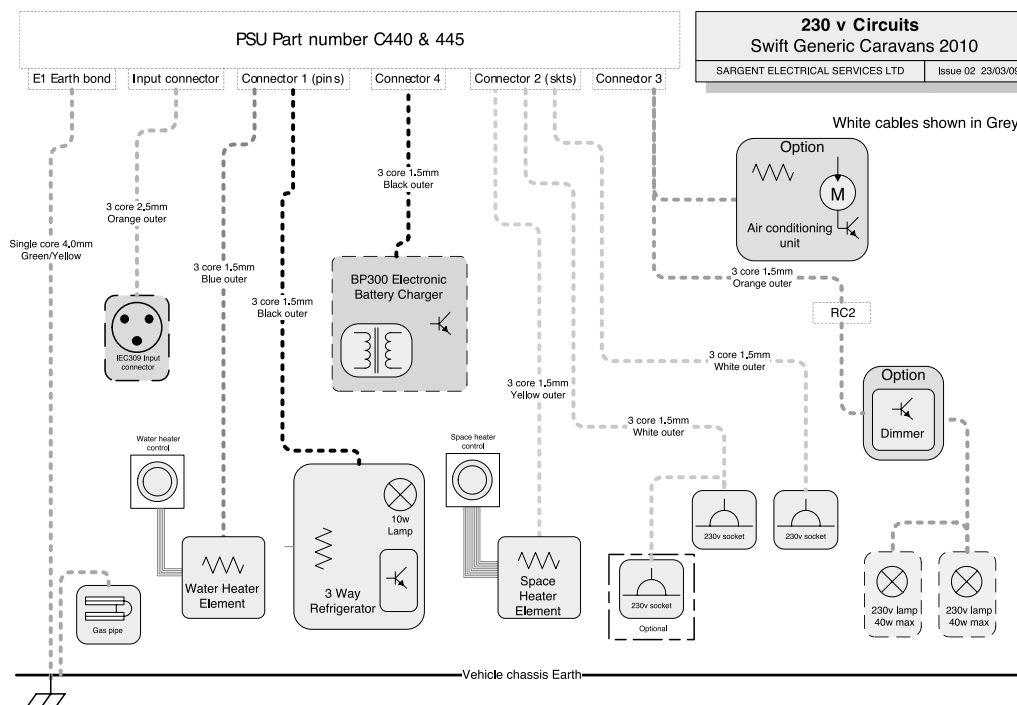
Sprite range - Floor circuits



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Wiring Diagrams

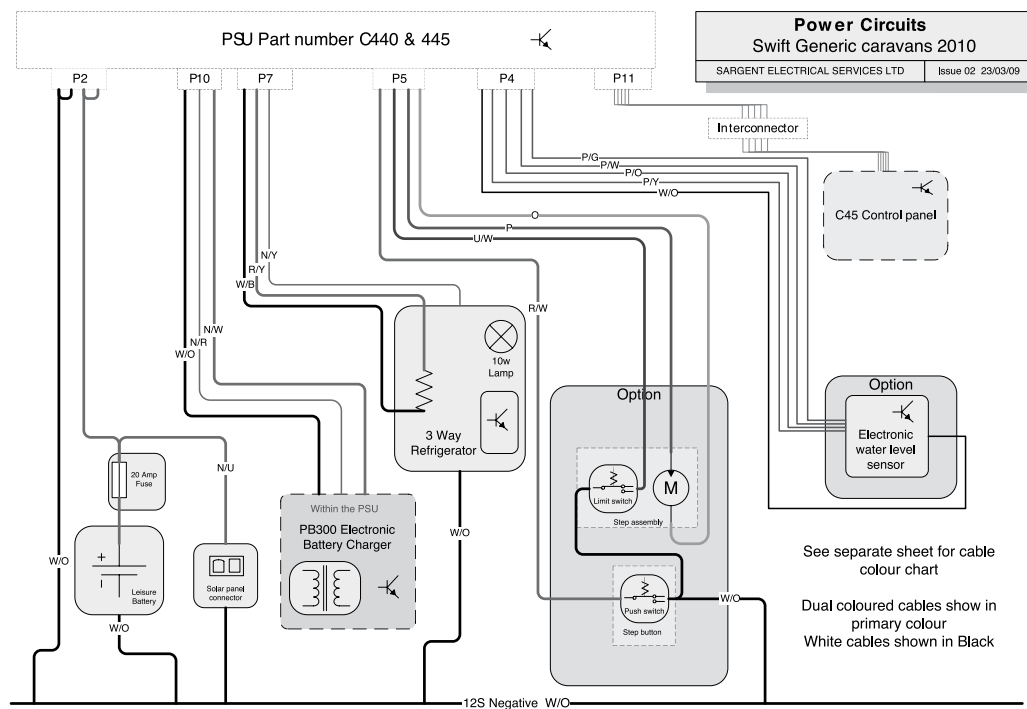
Sprite range - 230V circuits



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Wiring Diagrams

Sprite range - Power circuits



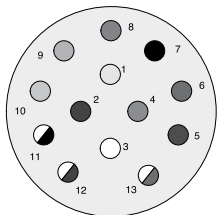
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Sprite range - 13 pin socket

ISO 11446 Circuits Swift Group Caravans (where applicable)

SARGENT ELECTRICAL SERVICES LTD

Issue 02 28/02/08



11446 Plug Connector viewed
from cable entry on plug



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

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

Wiring Diagrams

Sprite range - Cable colours



Cable Colour Chart

Swift range 2010

SARGENT ELECTRICAL SERVICES LTD

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12v Cable Colours

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

230v Cable Colours

B	BLACK
N	BROWN
W	WHITE
O	ORANGE
Y	YELLOW
G	GREEN
U	BLUE

Bulb Chart

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.



