



Motorhomes



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# Sundance / E400

Specification, Wiring Diagrams & Bulb Chart

## SWIFT GROUP

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# Specifications

Model	Sundance 530LP / E410 Standard (No Air Con / No Cruise Control)	Sundance 530LP / E410 Optional (Air Con / Cruise Control)	Sundance 530LP / E410 Optional (Air Con / Cruise Control / Auto)
Roof Profile	Low Line	Low Line	Low Line
Engine	130 MJT	130 MJT	150 MJT Auto
Engine Capacity	2287cc	2287cc	2287cc
Max Power	96kW @ 3600rpm	96kW @ 3600rpm	109kW @ 3600rpm
Torque	320 @ 1800rpm	320 @ 1800rpm	350 @ 1500rpm
Chassis	SWB Fiat Chassis	SWB Fiat Chassis	SWB Fiat Chassis
Wheel base	3.00m/9'10"	3.00m/9'10"	3.00m/9'10"
Designated Passenger Seats	1		
Berths (sleeping positions)	2		
Overall Length (no ladder)	5.90m/19'4"		
Overall Width (mirrors folded)	2.24m/7'4"		
Overall Height	2.90m/9'6"		
Maximum Technical Permissible Laden Mass (A)	3300kg		
Mass in Running Order (B)†	2940kg		2957kg
Maximum User Payload (A-B)	360kg		343kg
Unladen Weight	2684kg		2701kg
Essential Habitation Equipment	9kg		
Thermal Insulation Grade	THREE		
<b>Bed Sizes</b>			
Front Double	2.04m x 1.32m/6'8" x 4'4"		
Front Nearside Single	1.87m x 0.70m/6'2" x 2'4"		
Front Offside Single	1.87m x 0.70m/6'2" x 2'4"		
Rear Double			
Rear Nearside Single			
Rear Offside Single			
Overcab Bed			

Sundance 580PR / E460 Standard (No Air Con / No Cruise Control)	Sundance 580PR / E460 Optional (Air Con / Cruise Control)	Sundance 580PR / E460 Optional (Air Con / Cruise Control / Auto)
Low Line	Low Line	Low Line
130 MJT	130 MJT	150 MJT Auto
2287cc	2287cc	2287cc
96kW @ 3600rpm	96kW @ 3600rpm	109kW @ 3600rpm
320 @ 1800rpm	320 @ 1800rpm	350 @ 1500rpm
MWB Fiat Chassis	MWB Fiat Chassis	MWB Fiat Chassis
3.45m/11'4"	3.45m/11'4"	3.45m/11'4"
	1	
	2	
	6.47m/21'3"	
	2.24m/7'4"	
	2.90m/9'6"	
	3500kg	
	3000kg	3017kg
	500kg	483kg
	2744kg	2761kg
	9kg	
	THREE	
	2.04m x 1.77m/6'8" x 5'10"	
	1.87m x 0.66m/6'2" x 2'2"	
	1.77m x 0.66m/5'10" x 2'2"	

**NOTE:** 1. **The Maximum User Payload** includes:

- a) the **conventional load** (this is the allowance for passengers)
- b) **essential habitation equipment** (items and fluids required for safe and proper functioning of habitation equipment)
- c) **optional equipment** (items available from the manufacturer over and above the standard specification)
- d) **personal effects** (those items not covered by the above)

2. The **Mass in Running Order** is the mass of the unladen vehicle including a 75kg allowance for the driver plus engine coolants and 90% of the fuel tank, water tank and gas capacity.

3. PLEASE TAKE CARE TO ENSURE THAT YOU HAVE ALLOWED FOR THE MASSES OF ALL ITEMS YOU INTEND TO CARRY IN THE MOTOR CARAVAN, e.g. passengers, optional equipment, essential habitation equipment and personal effects, such as clothing, food, pets, bicycles, sailboards, sports equipment etc.

4. **WARNING** - UNDER NO CIRCUMSTANCES SHOULD THE MAXIMUM TECHNICAL PERMISSIBLE LADEN MASS OF THIS MOTOR CARAVAN BE EXCEEDED.

\* For optional roof ladder (add 200mm).

# Specifications

Model	Sundance 590RS / E435 Standard (No Air Con / No Cruise Control)	Sundance 590RS / E435 Optional (Air Con / Cruise Control)	Sundance 590RS / E435 Optional (Air Con / Cruise Control / Auto)
Roof Profile	High Line	High Line	High Line
Engine	130 MJT	130 MJT	150 MJT Auto
Engine Capacity	2287cc	2287cc	2287cc
Max Power	96kW @ 3600rpm	96kW @ 3600rpm	109kW @ 3600rpm
Torque	320 @ 1800 rpm	320 @ 1800rpm	350 @ 1800rpm
Chassis	MWB Fiat Chassis	MWB Fiat Chassis	MWB Fiat Chassis
Wheel base	3.45m/11'4"		
Designated Passenger Seats	3		
Berths (sleeping positions)	5		
Overall Length (no ladder)	6.47m/21'3"		
Overall Width (mirrors folded)	2.24m/7'4"		
Overall Height	3.07m/10'1"		
Maximum Technical Permissible Laden Mass (A)	3500kg		
Mass in Running Order (B)†	3112kg		3129kg
Maximum User Payload (A-B)	388kg		371kg
Unladen Weight	2856kg		2873kg
Essential Habitation Equipment	9kg		
Thermal Insulation Grade	THREE		
<b>Bed Sizes</b>			
Front Double	1.90m x 1.23m/6'3" x 4'0"		
Front Nearside Single	1.87m x 0.66m/6'2" x 2'2"		
Front Offside Single	1.90m x 0.92m/6'3" x 3'0"		
Rear Double			
Rear Nearside Single			
Rear Offside Single			
Overcab Bed	1.91m x 1.37m/6'3" x 4'6"		

Sundance 620FB / E450 Standard (No Air Con / No Cruise Control)		Sundance 620FB / E450 Optional (Air Con / Cruise Control)		Sundance 620FB / E450 Optional (Air Con / Cruise Control / Auto)	
Low Line		Low Line		Low Line	
130 MJT		130 MJT		150 MJT Auto	
2287cc		2287cc		2287cc	
96kW @ 3600rpm		96kW @ 3600rpm		109kW @ 3600rpm	
320 @ 1800rpm		320 @ 1800rpm		350 @ 1500rpm	
LWB Fiat Chassis		LWB Fiat Chassis		LWB Fiat Chassis	
		4.04m/13'3"			
		1			
		4			
		7.12m/23'4"			
		2.24m/7'4"			
		2.90m/9'6"			
3500kg	3650kg	3500kg	3650kg	3500kg	3650kg
3137kg	3137kg	3137kg	3137kg	3154kg	3154kg
363kg	513kg	363kg	513kg	346kg	496kg
2881kg	2881kg	2881kg	2881kg	2898kg	2898kg
		9kg			
		THREE			
		2.04m x 1.32m/1.14m/6'8" x 4'4"/3'9"			
		1.88m x 1.25m/6'2" x 4'1"			

**NOTE:** 1. The **Maximum User Payload** includes:

- a) the **conventional load** (this is the allowance for passengers)
- b) **essential habitation equipment** (items and fluids required for safe and proper functioning of habitation equipment)
- c) **optional equipment** (items available from the manufacturer over and above the standard specification)
- d) **personal effects** (those items not covered by the above)

2. The **Mass in Running Order** is the mass of the unladen vehicle including a 75kg allowance for the driver plus engine coolants and 90% of the fuel tank, water tank and gas capacity.

3. PLEASE TAKE CARE TO ENSURE THAT YOU HAVE ALLOWED FOR THE MASSES OF ALL ITEMS YOU INTEND TO CARRY IN THE MOTOR CARAVAN, e.g. passengers, optional equipment, essential habitation equipment and personal effects, such as clothing, food, pets, bicycles, sailboards, sports equipment etc.

4. **WARNING** - UNDER NO CIRCUMSTANCES SHOULD THE MAXIMUM TECHNICAL PERMISSIBLE LADEN MASS OF THIS MOTOR CARAVAN BE EXCEEDED.

\* For optional roof ladder (add 200mm).

# Specifications

Model	Sundance 630G / E480 Standard (No Air Con / No Cruise Control)	Sundance 630G / E480 Optional (Air Con / Cruise Control)	Sundance 630G / E480 Optional (Air Con / Cruise Control / Auto)
Roof Profile	Low Line	Low Line	Low Line
Engine	130 MJT	130 MJT	150 MJT Auto
Engine Capacity	2287cc	2287cc	2287cc
Engine Power	96kW @ 3600rpm	96kW @ 3600rpm	109kW @ 3600rpm
Torque	320 @ 1800rpm	320 @ 1800rpm	350 @ 1500rpm
Chassis	LWB Fiat Chassis	LWB Fiat Chassis	LWB Fiat Chassis
Wheel base	4.04m/13'3"		
Designated Passenger Seats	1		
Berths (sleeping positions)	4		
Overall Length (no ladder)	7.49m/24'7"		
Overall Width (mirrors folded)	2.24m/7'4"		
Overall Height	2.90m/9'6"		
Maximum Technical Permissible Laden Mass (A)	4250kg		4250kg
Mass in Running Order (B)†	3345kg		3362kg
Maximum User Payload (A-B)	905kg		888kg
Unladen Weight	3089kg		3106kg
Essential Habitation Equipment	9kg		
Thermal Insulation Grade	THREE		
<b>Bed Sizes</b>			
Front Double	2.04m x 1.32/1.14m/6'8" x 4'4"/3'9"		
Front Nearside Single			
Front Offside Single			
Rear Double	2.05m x 1.38m/6'9" x 4'6"		
Rear Nearside Single			
Rear Offside Single			
Overcab Bed			

Sundance 630L / E495 Standard (No Air Con / No Cruise Control)	Sundance 630L / E495 Optional (Air Con / Cruise Control)	Sundance 630L / E495 Optional (Air Con / Cruise Control / Auto)
High Line	High Line	High Line
130 MJT	130 MJT	150 MJT Auto
2287cc	2287cc	2287cc
96kW @ 3600rpm	96kW @ 3600rpm	109kW @ 3600rpm
320 @ 1800rpm	320 @ 1800rpm	350 @ 1500rpm
LWB Fiat Chassis	LWB Fiat Chassis	LWB Fiat Chassis
4.04m/13'3"		
5		
6		
7.49m/24'7"		
2.24m/7'4"		
3.05m/10'0"		
4250kg	4250kg	4250kg
3393kg	3393kg	3410kg
857kg	857kg	840kg
3137kg	3137kg	3154kg
9kg		
THREE		
1.82m x 1.23m/6'0" x 4'0"		
1.82m x 0.92m/6'0" x 3'0"		
2.04m x 1.34m/6'8" x 4'5"		
1.87m x 0.66m/6'2" x 2'2"		
1.87m x 0.66m/6'2" x 2'2"		
1.91m x 1.37m/6'3" x 4'6"		

**NOTE:** 1. **The Maximum User Payload** includes:

- a) the **conventional load** (this is the allowance for passengers)
- b) **essential habitation equipment** (items and fluids required for safe and proper functioning of habitation equipment)
- c) **optional equipment** (items available from the manufacturer over and above the standard specification)
- d) **personal effects** (those items not covered by the above)

2. The **Mass in Running Order** is the mass of the unladen vehicle including a 75kg allowance for the driver plus engine coolants and 90% of the fuel tank, water tank and gas capacity.

3. PLEASE TAKE CARE TO ENSURE THAT YOU HAVE ALLOWED FOR THE MASSES OF ALL ITEMS YOU INTEND TO CARRY IN THE MOTOR CARAVAN, e.g. passengers, optional equipment, essential habitation equipment and personal effects, such as clothing, food, pets, bicycles, sailboards, sports equipment etc.

4. **WARNING** - UNDER NO CIRCUMSTANCES SHOULD THE MAXIMUM TECHNICAL PERMISSIBLE LADEN MASS OF THIS MOTOR CARAVAN BE EXCEEDED.

\* For optional roof ladder (add 200mm).

## Capacities

### Water Tank Capacities

	Fresh Water Tank	Waste Water Tank	Water Heater
Sundance / E400	90 litre	68 litre	10 litre
580PR / E460	94 litre	60 litre	10 litre

### Gas Capacities

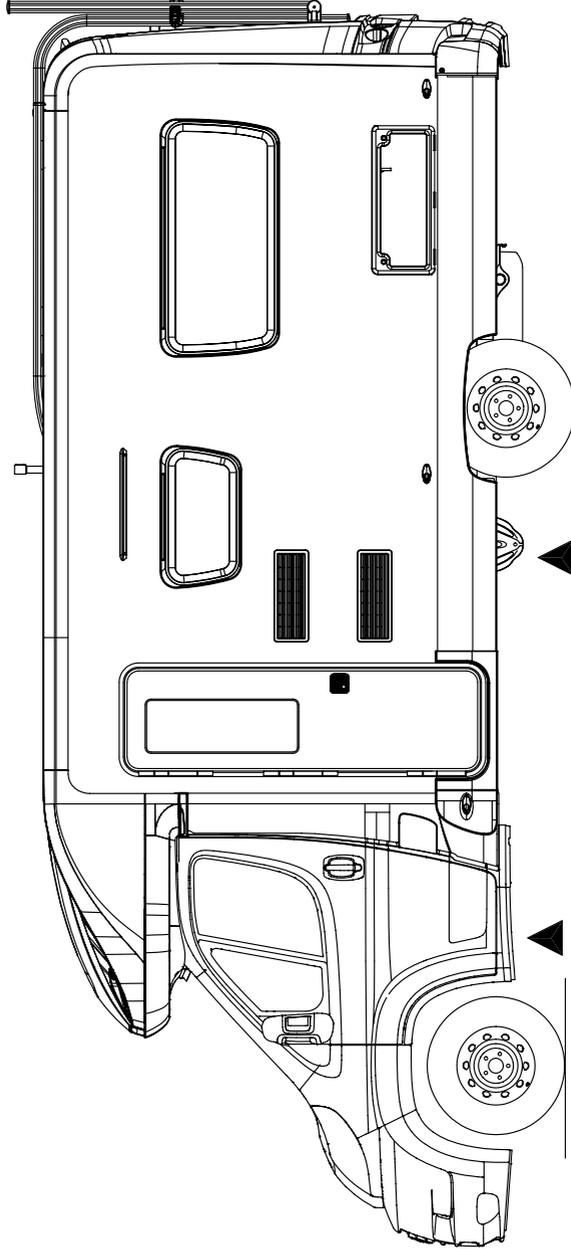
	Capacity
Sundance / E400	2 x 7kg

The above are recommended gas bottle sizes

**NOTICE : For technical data on the base vehicle please refer to manufacturer's handbook**

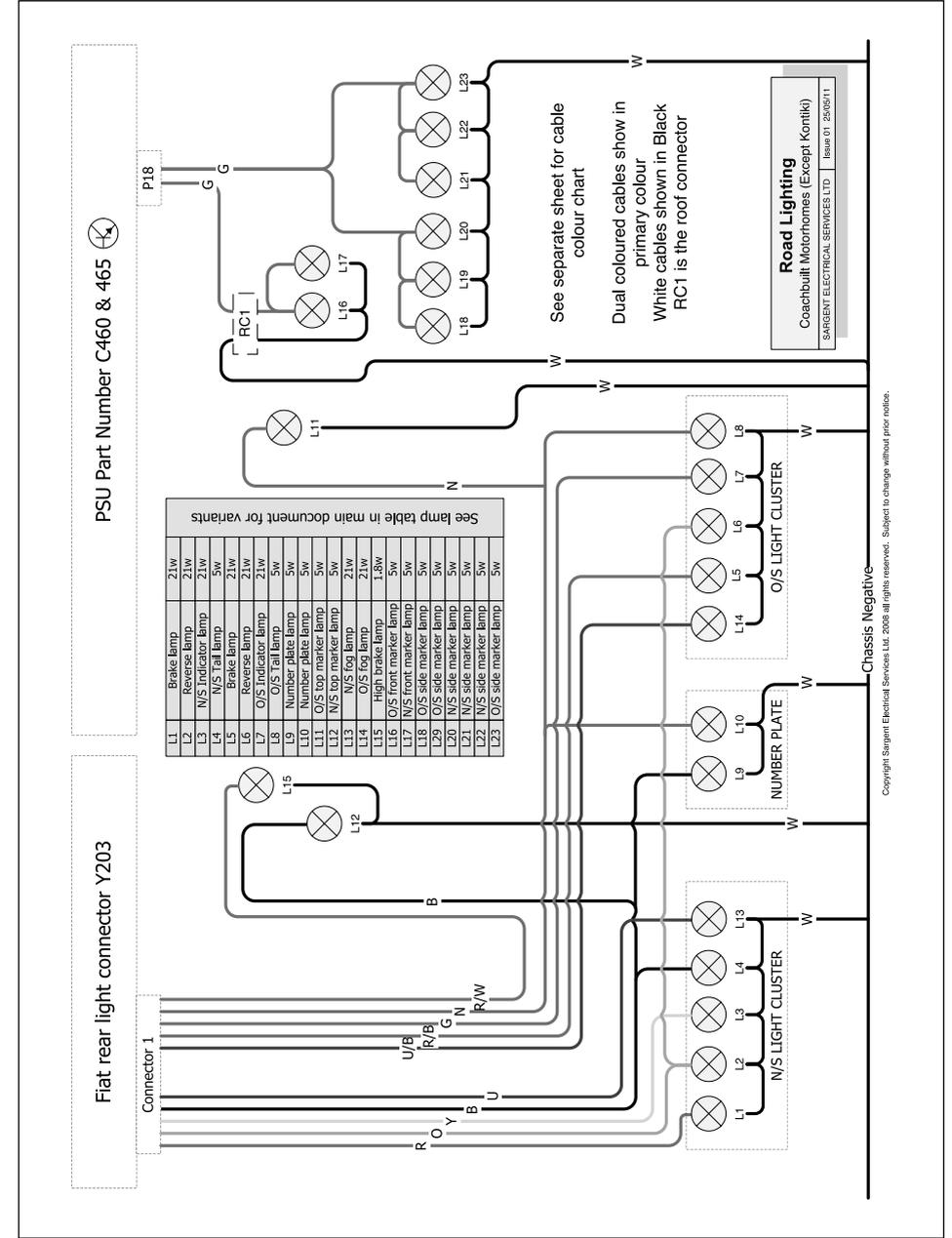


## Swift Sundance / E400 Series



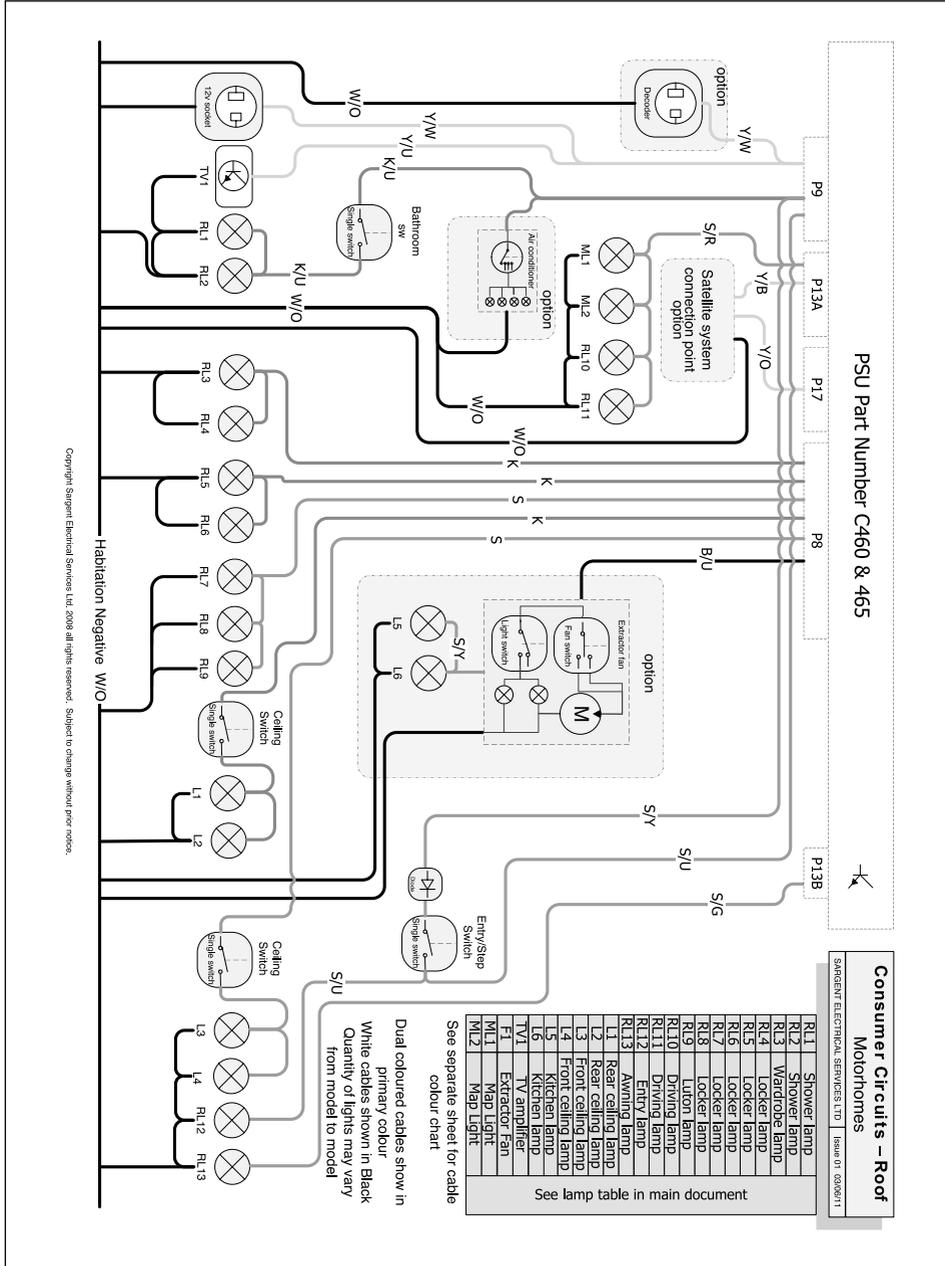
Jacking Point: ▲

## Sundance / E400 - Road lighting circuits

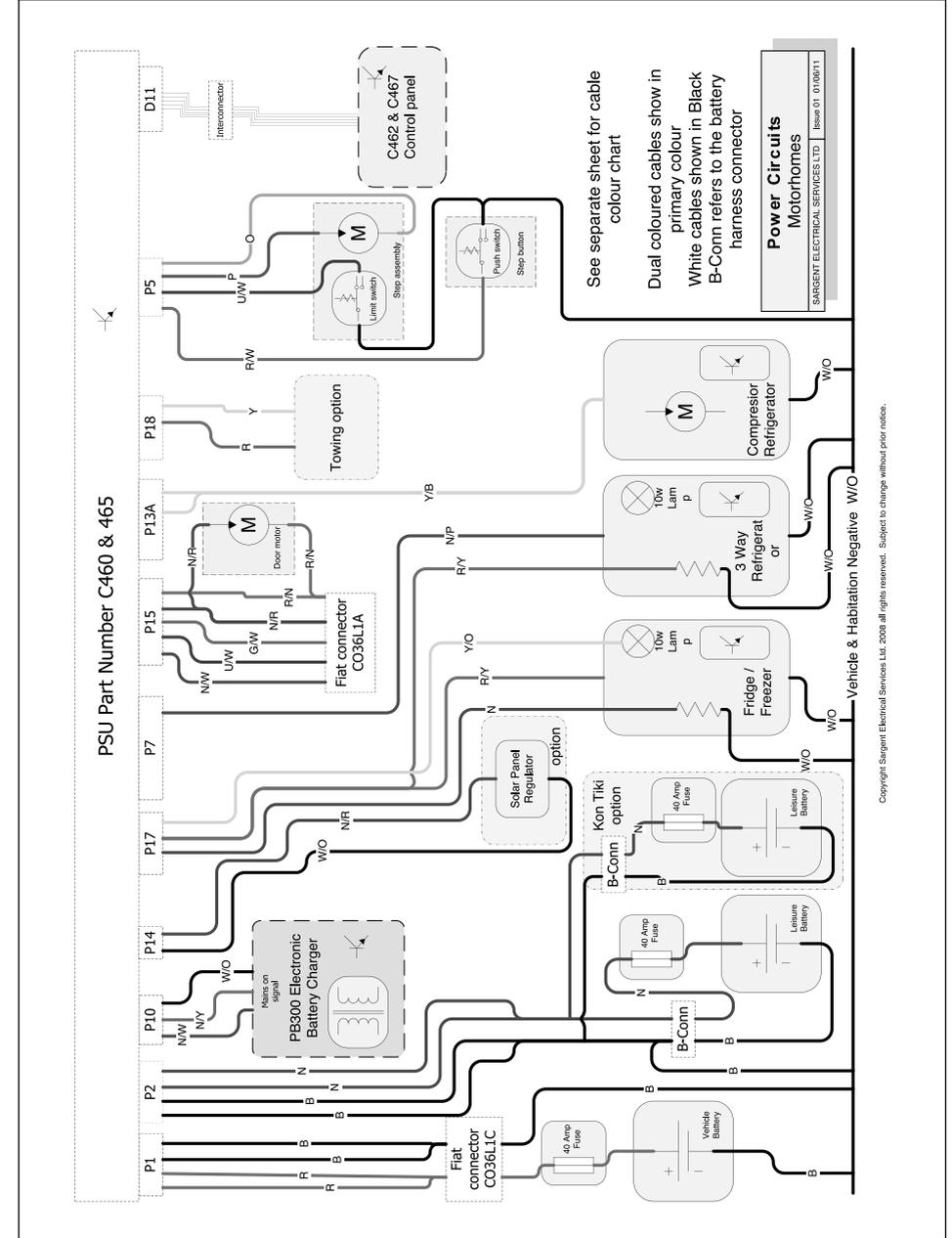


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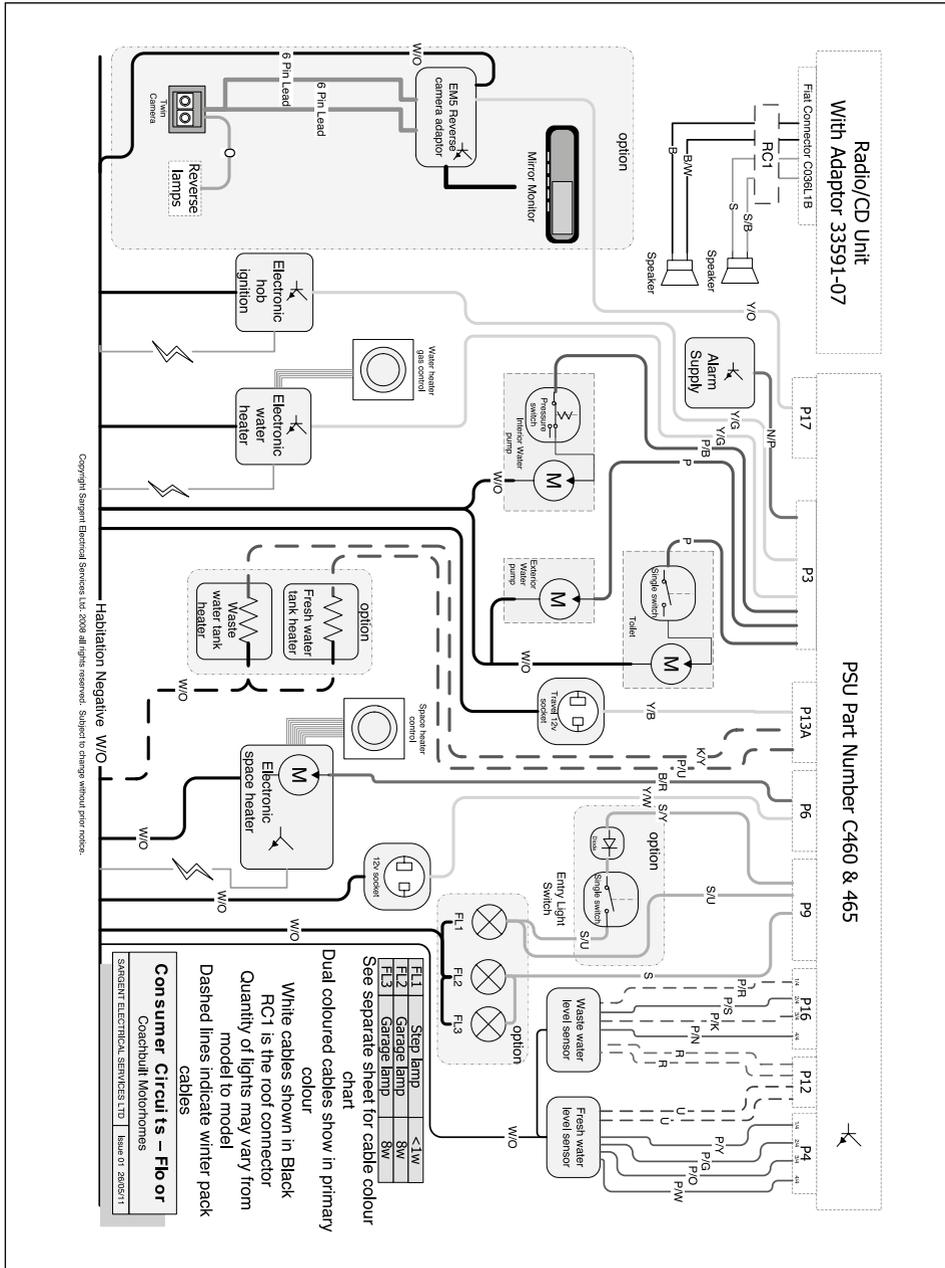
## Sundance / E400 - Consumer Circuits - Roof



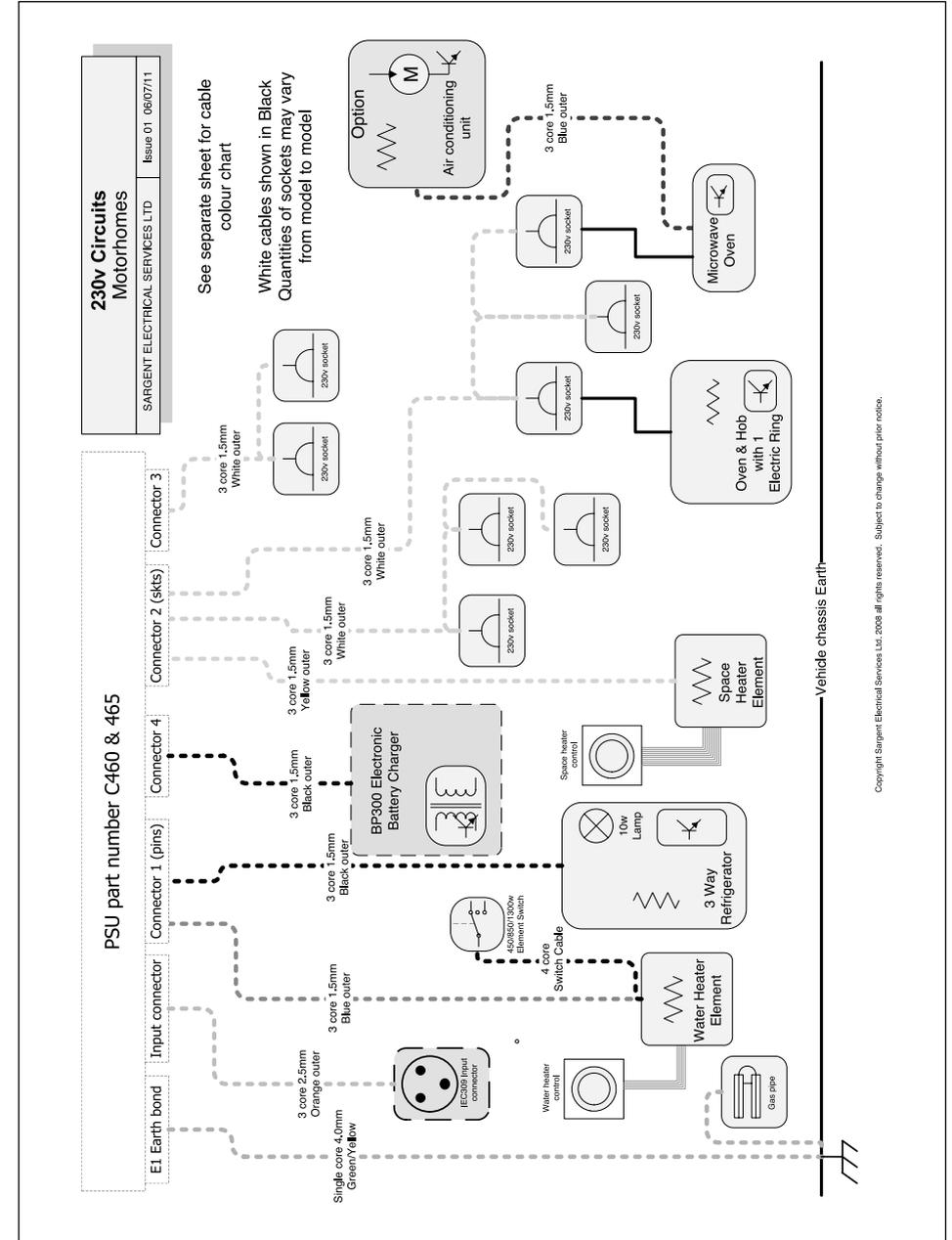
## Sundance / E400 - Consumer Circuits - Power Circuits



## Sundance / E400 - Consumer Circuits - Floor Circuits



## Sundance / E400 - 230V circuits



## Sundance / E400 - Cable Colour Chart

**Cable Colour Chart**  
Swift Group 2009

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**Y/U**

Yellow cable with Blue stripe

**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

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Road Lights		
Application	Bulb Reference	Bulb Rating
Front marker light	W5W	12V 5W
Front marker light ( Low profile)	LED complete lamp	12v <1W
Side marker light	W5W	12V 5W
Rear high level marker light	LED	12V <1W
High level stop lamp	T5/13.5	12V 2.3W
Rear indicator lamp	P21	12V 21W
Rear Stop / Tail lamp	P21/5W	12V 21w / 5W
Rear reverse lamp	P21	12V 21W
Rear fog lamp	P21	12V 21W
Number plate light	C5W	12V 5W
Interior / Other		
Application		Bulb Rating
Downlighters, LED, Silver	FEM0659 complete lamp	12V LED
Downlighters, LED, Nickel	FEM0660 complete lamp	12V LED
Locker spotlights, LED	FEM0658 complete lamp	12V LED
China locker light	FEM0661 complete lamp	12V LED
Luton lamp	300mm fluorescent bulb	12V 8W
Ceiling lights, round, single bulb	Halogen capsule	12V G4 10W
Ceiling lights, round, twin bulb	FEM0467 complete lamp	12V LED
B-pillar map reading lamps	GU4/MR11 dichroic bulb	GU4 12V 10W
Awning lamp, LED	500mm LED complete unit	12V 2.2W LED

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

## Replacement instructions

### **SUNDANCE / E400 SERIES ROAD LIGHTING, COACH-BUILT BODY MOUNTED LAMPS**

#### **STOP / TAIL, INDICATOR, FOG AND REVERSE LAMPS**

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

Remove 2x 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.

#### **REAR UPPER MARKER / POSITION LAMPS**

These lamps are LED and have no user serviceable parts inside.

Replacements should be undertaken by your dealer, as the lamps are sealed onto the mounting panel.

#### **HIGH LEVEL BRAKE LAMP**

Light is one piece design with no internally replaceable parts.

Remove 2x screws at either end of lamp, and withdraw whole fitting away from motorhome body.

Harness connects via a connector with retention barb into the rear of the lamp. With finger pressure or using a small screwdriver release the barb by pushing it toward the harness, and unplug the harness from the lamp.

Push fit connector back into replacement lamp, and secure lamp to motorhome body with 2x screws.

Lamp retaining screws are fixed into a rubber sleeve with a threaded insert, often known as a rawlnut. If lamp has been removed / re-fitted several times the rubber sleeve may need replacing, these are available through your dealer.

#### **FRONT UPPER MARKER / POSITION LAMPS**

Bulb access is from rear of lamp.

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

#### **FRONT HIGH LEVEL MARKER / POSITION LAMPS (RECTANGULAR LENSE)**

These lamps are LED and have no user serviceable parts inside.

Replacements should be undertaken by your dealer, as the lamps are sealed onto the mounting panel.

#### **SIDE MARKER / POSITION LAMPS**

Bulb access is from rear of lamp.

Check first within motorhome if rear of lamp is visible.

If rear of lamp is visible:

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 motorhome body.

If rear of lamp is not visible:

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