



escape
BY SWIFT



escape
BY SWIFT

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SWIFT ESCAPE

TECHNICAL HANDBOOK

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Specifications

Model	Escape 622 Standard	Escape 622 Optional
Roof Profile	Low Line	
Engine	130 MJT (2.3L)	130 MJT (2.3L) Auto
Engine Capacity	2287cc	2287cc
Max Power	96kW @ 3600rpm	96kW @ 3600rpm
Torque	320Nm @ 1800rpm	320Nm @ 1800rpm
Chassis	MWB Fiat Chassis	
Wheel base	3.45m/11'4"	
Designated Passenger Seats excluding Driver	1	
Berths (sleeping positions)	2	
Overall Length (no ladder)**	6.30m/20'8"	
Overall Width (mirrors folded)	2.31m/7'7"	
Overall Height**	2.85m/9'4"	
Maximum Technical Permissible Laden Mass (A)	3300kg	3300kg
Mass in Running Order (B)	2766kg	2783kg
Maximum User Payload (A-B)	534kg	517kg
Unladen Weight	2609kg	2626kg
Essential Habitation Equipment	10kg	
Thermal Insulation Grade	Three	
Bed Sizes		
Front Double		
Front Nearside Single		
Front Offside Single		
Rear Double	2.08m x 1.74m / 6'10" x 5'9"	
Rear Nearside Single	1.74m x 0.68m / 5'9" x 2'3"	
Rear Offside Single	1.86m x 0.68m / 6'1" x 2'3"	
Rear Bunk (Upper)		
Rear Bunk (Lower)		
Overcab Bed		

Escape 624 Standard	Escape 624 Optional
High Line	
130 MJT (2.3L)	130 MJT (2.3L) Auto
2287cc	2287cc
96kW @ 3600rpm	96kW @ 3600rpm
320Nm @ 1800rpm	320Nm @ 1800rpm
MWB Fiat Chassis	
3.45m/11'4"	
3	
5	
6.30m/20'8"	
2.31m/7'7"	
2.94m/9'8"	
3300kg	3300kg
2880kg	2897kg
420kg	403kg
2723kg	2740kg
10kg	
Three	
1.87m x 1.22m / 6'2" x 4'0"	
1.85m x 0.68m / 6'1" x 2'3"	
1.87m x 0.92m / 6'2" x 3'0"	
2.08m x 1.37m / 6'10" 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 and 1 x 6kg Calor Lite cylinder. The MRO is calculated with the fresh water tank empty. If you travel with water in the fresh water tank then the payload will reduce accordingly.

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.

* Estimated

** For optional roof ladder add 125mm to length 40mm to height on Low Line

Specifications

Model	Escape 644 Standard	Escape 644 Optional
Roof Profile	High Line	
Engine	130 MJT (2.3L)	130 MJT (2.3L) Auto
Engine Capacity	2287cc	2287cc
Max Power	96kW @ 3600rpm	96kW @ 3600rpm
Torque	320Nm @ 1800rpm	320Nm @ 1800rpm
Chassis	MWB Fiat Chassis	
Wheel base	3.45m/11'4"	
Designated Passenger Seats excluding Driver	3	
Berths (sleeping positions)	4	
Overall Length (no ladder)**	6.30m/20'8"	
Overall Width (mirrors folded)	2.31m/7'7"	
Overall Height**	2.94m/9'8"	
Maximum Technical Permissible Laden Mass (A)	3300kg	3300kg
Mass in Running Order (B)	2886kg	2903kg
Maximum User Payload (A-B)	414kg	397kg
Unladen Weight	2753kg	2770kg
Essential Habitation Equipment	10kg	
Thermal Insulation Grade	Three	
Bed Sizes		
Front Double		
Front Nearside Single		
Front Offside Single		
Rear Double	2.08m x 1.34 / 6'10" x 4'5"	
Rear Nearside Single		
Rear Offside Single		
Rear Bunk (Upper)		
Rear Bunk (Lower)		
Overcab Bed	2.08m x 1.37m / 6'10" 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 and 1 x 6kg Calor Lite cylinder. The MRO is calculated with the fresh water tank empty. If you travel with water in the fresh water tank then the payload will reduce accordingly.

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habitation equipment and personal effects, such as clothing, food, pets, bicycles, sailboards, sports equipment etc.

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* Estimated

** For optional roof ladder add 125mm to length 40mm to height on Low Line

Escape 664 Standard	Escape 664 Optional	Escape 664 Optional MTPLM	Escape 664 Optional MTPLM
Low Line		Low Line	
130 MJT (2.3L)	130 MJT (2.3L) Auto	130 MJT (2.3L)	130 MJT (2.3L) Auto
2287cc	2287cc	2287cc	2287cc
96kW @ 3600rpm	96kW @ 3600rpm	96kW @ 3600rpm	96kW @ 3600rpm
320Nm @ 1800rpm	320Nm @ 1800rpm	320Nm @ 1800rpm	320Nm @ 1800rpm
MLWB Fiat Chassis			
3.80m/12'6"			
3			
4			
6.72m/22'1"			
2.31m/7'7"			
2.85m/9'4"			
3500kg		3650kg	
2883kg	2900kg	2883kg	2900kg
617kg	600kg	767kg	750kg
2727kg	2744kg	2727kg	2744kg
10kg			
Three			
2.08m x 1.24/0.93m / 6'10" x 4'11"/3'1"			
1.85m x 1.25m / 6'1" x 4'1"			

Specifications

Model	Escape 686 Standard	Escape 686 Optional	Escape 686 Optional MTPLM	Escape 686 Optional MTPLM
Roof Profile	High Line		High Line	
Engine	130 MJT (2.3L)	130 MJT (2.3L) Auto	130 MJT (2.3L)	130 MJT (2.3L) Auto
Engine Capacity	2287cc	2287cc	2287cc	2287cc
Engine Power	96kW @ 3600rpm	96kW @ 3600rpm	96kW @ 3600rpm	96kW @ 3600rpm
Torque	320Nm @ 1800rpm	320Nm @ 1800rpm	320Nm @ 1800rpm	320Nm @ 1800rpm
Chassis	LWB Fiat Chassis		LWB Fiat Chassis	
Wheel base	4.04m/13'3"			
Designated Passenger Seats excluding Driver	4		5	
Berths (sleeping positions)	6		6	
Overall Length (no ladder)**	6.92m/22'8"			
Overall Width (mirrors folded)	2.31m/7'7"			
Overall Height**	2.94m/9'8"			
Maximum Technical Permissible Laden Mass (A)	3500kg		3650kg	
Mass in Running Order (B)	3010kg	3027kg	3010kg	3027kg
Maximum User Payload (A-B)	490kg	473kg	640kg	623kg
Unladen Weight	2877kg	2894kg	2877kg	2894kg
Essential Habitation Equipment	10kg			
Thermal Insulation Grade	Three			
Bed Sizes				
Front Double	1.82m x 1.22m / 6'0" x 4'0"			
Front Nearside Single				
Front Offside Single	1.82m x 0.92m / 6'0" x 3'0"			
Rear Double	2.08m x 1.34m / 6'10" x 4'5"			
Rear Nearside Single				
Rear Offside Single				
Rear Bunk (Upper)				
Rear Bunk (Lower)				
Overcab Bed	2.08m x 1.37m / 6'10" x 4'7"			

Escape 696 Standard	Escape 696 Optional	Escape 696 Optional MTPLM	Escape 696 Optional MTPLM
High Line		High Line	
130 MJT (2.3L)	130 MJT (2.3L) Auto	130 MJT (2.3L)	130 MJT (2.3L) Auto
2287cc	2287cc	2287cc	2287cc
96kW @ 3600rpm	96kW @ 3600rpm	96kW @ 3600rpm	96kW @ 3600rpm
320Nm @ 1800rpm	320Nm @ 1800rpm	320Nm @ 1800rpm	320Nm @ 1800rpm
LWB Fiat Chassis		LWB Fiat Chassis	
4.04m/13'3"			
4		5	
6		6	
6.92m/22'8"			
2.31m/7'7"			
2.94m/9'8"			
3500kg		3650kg	
3015kg	3032kg	3015kg	3032kg
485kg	468kg	635kg	618kg
2882kg	2899kg	2882kg	2899kg
10kg			
Three			
2.08m x 1.36m / 6'10" x 4'6"			
1.82m x 0.92m / 6'0" x 3'0"			
1.96m x 0.75m / 6'5" x 2'6"			
1.93m x 0.73m / 6'4" x 2'5"			
2.08m x 1.37m / 6'10" x 4'6"			

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

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- 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 and 1 x 6kg Calor Lite cylinder. The MRO is calculated with the fresh water tank empty. If you travel with water in the fresh water tank then the payload will reduce accordingly.

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habitation equipment and personal effects, such as clothing, food, pets, bicycles, sailboards, sports equipment etc.

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* Estimated

** For optional roof ladder add 125mm to length 40mm to height on Low Line

Capacities

Water Tank Capacities

	Fresh Water Tank	Waste Water Tank	Water Heater
Escape	65 litre	68 litre	10 litre
Escape 696	80 litre	68 litre	10 litre

LPG Locker Capacity

	Capacity
Escape	2 x 7kg

The above are recommended gas bottle sizes

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

Towing Capabilities

Escape Towing Capabilities

Model	Engine / Chassis	MTPLM	Permissible Front Axle Load	Permissible Rear Axle Load	Recommended Maximum Trailer Weight	Gross Train Weight
Escape 622	130 MJT (2.3L)	3300kg	1750kg	1900kg	1600kg*	4900kg
Escape 622	130 MJT (2.3L) Auto	3300kg	1750kg	1900kg	1600kg*	4900kg
Escape 624	130 MJT (2.3L)	3300kg	1750kg	1900kg	1600kg*	4900kg
Escape 624	130 MJT (2.3L) Auto	3300kg	1750kg	1900kg	1600kg*	4900kg
Escape 644	130 MJT (2.3L)	3300kg	1750kg	1900kg	1600kg*	4900kg
Escape 644	130 MJT (2.3L) Auto	3300kg	1750kg	1900kg	1600kg*	4900kg
Escape 664	130 MJT (2.3L)	3500kg	1850kg	2000kg	1600kg	5100kg
Escape 664	130 MJT (2.3L) Auto	3500kg	1850kg	2000kg	1600kg	5100kg
Escape 664	130 MJT (2.3L)	3650kg	1850kg	2000kg	1600kg	5250kg
Escape 664	130 MJT (2.3L) Auto	3650kg	1850kg	2000kg	1600kg	5250kg
Escape 686 (6 persons)	130 MJT (2.3L)	3650kg	1850kg	2000kg	1600kg*	5250kg
Escape 686 (6 persons)	130 MJT (2.3L) Auto	3650kg	1850kg	2000kg	1600kg*	5250kg
Escape 686 (5 persons)	130 MJT (2.3L)	3500kg	1850kg	2000kg	1600kg	5100kg
Escape 686 (5 persons)	130 MJT (2.3L) Auto	3500kg	1850kg	2000kg	1600kg*	5100kg
Escape 696 (6 persons)	130 MJT (2.3L)	3650kg	1850kg	2000kg	1600kg*	5250kg
Escape 696 (6 persons)	130 MJT (2.3L) Auto	3650kg	1850kg	2000kg	1600kg*	5250kg
Escape 696 (5 persons)	130 MJT (2.3L)	3500kg	1850kg	2000kg	1600kg	5100kg
Escape 696 (5 persons)	130 MJT (2.3L) Auto	3500kg	1850kg	2000kg	1600kg*	5100kg

Please note that the additional weight of the tow bar and trailer nose weight increases the rear axle loading of the motor home so care should be taken that the rear axle load is not exceeded when towing.

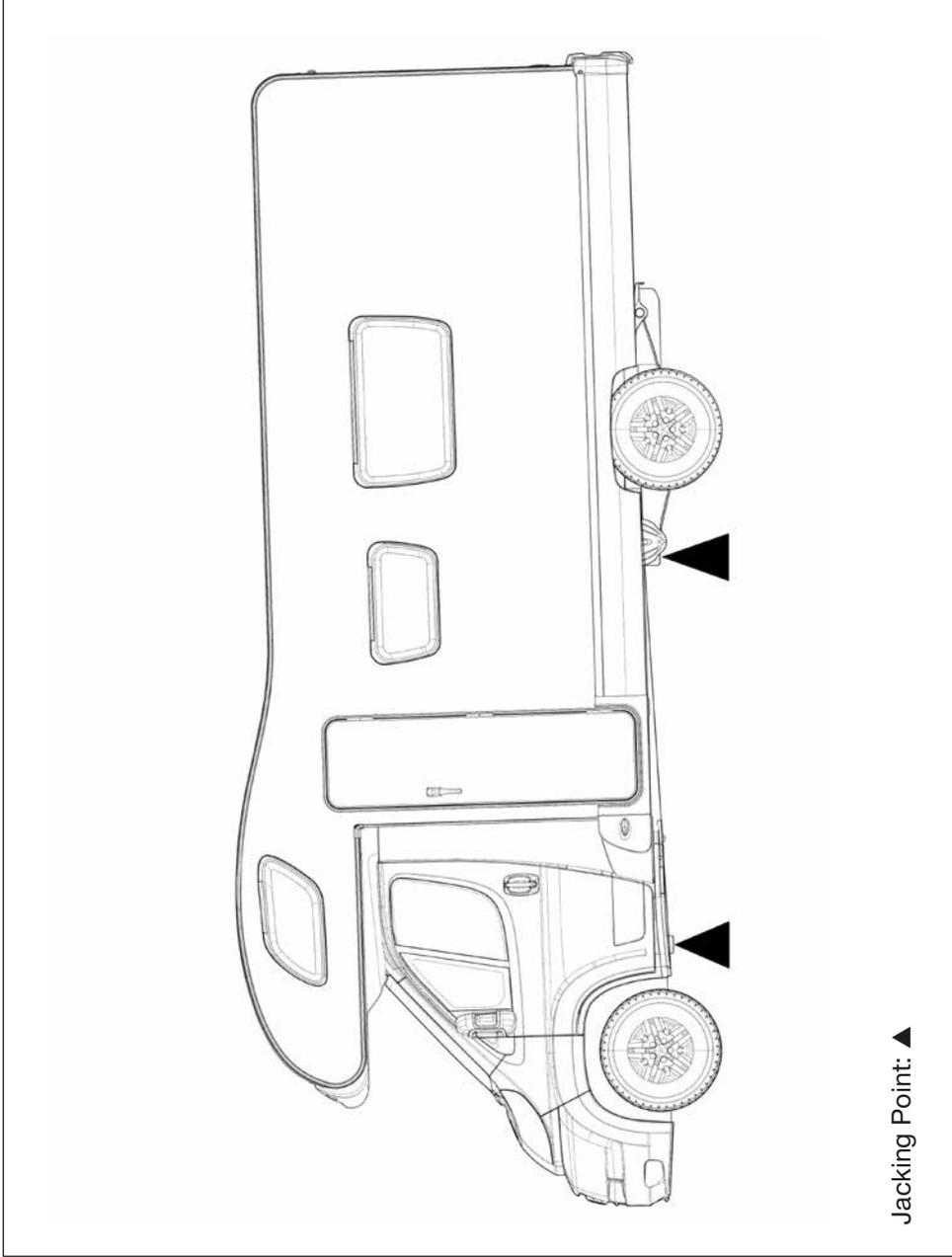
* With this vehicle configuration it will be necessary to reduce the payload carried inside the van when towing to ensure that the MTPLM and maximum axle loads are not exceeded.

To ensure adequate road holding, the load on the front axle, under all conditions, must not be less than 40% or more than 70% of the total weight.

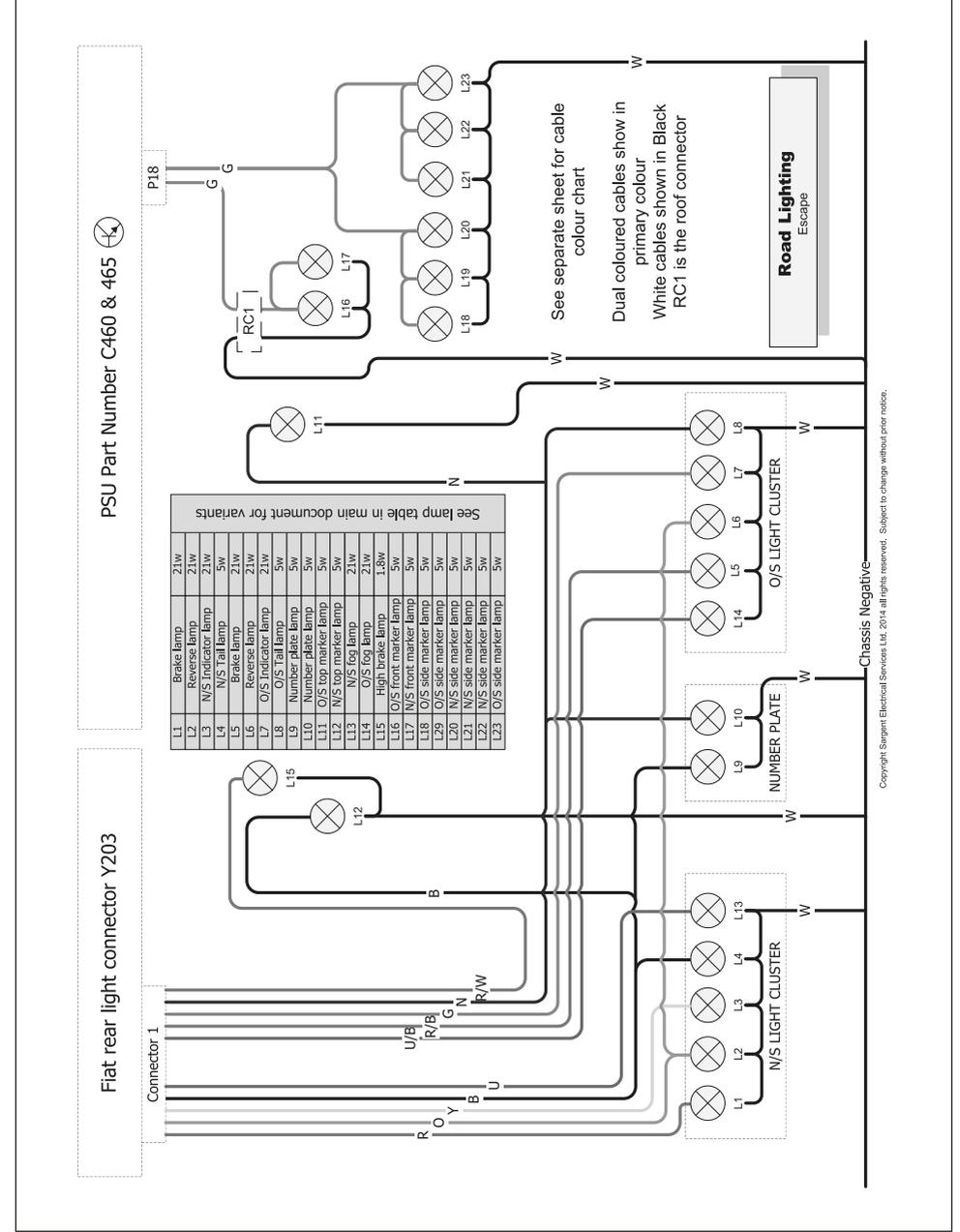
Care must be taken when distributing loads. The loadings and weights above are maximums and must not be exceeded under any circumstances.

CAUTION: When fitting a towbar, it must meet certain minimum requirements as specified by Type Approval Regulations. The bar will have marked on it the approval standard (94/20/EC or 55R ECE) and the maximum download, or nose weight, that it can accept. It must fit the manufacturer's approved mounting points and must not obscure the towing vehicle's number plate.

SWIFT ESCAPE

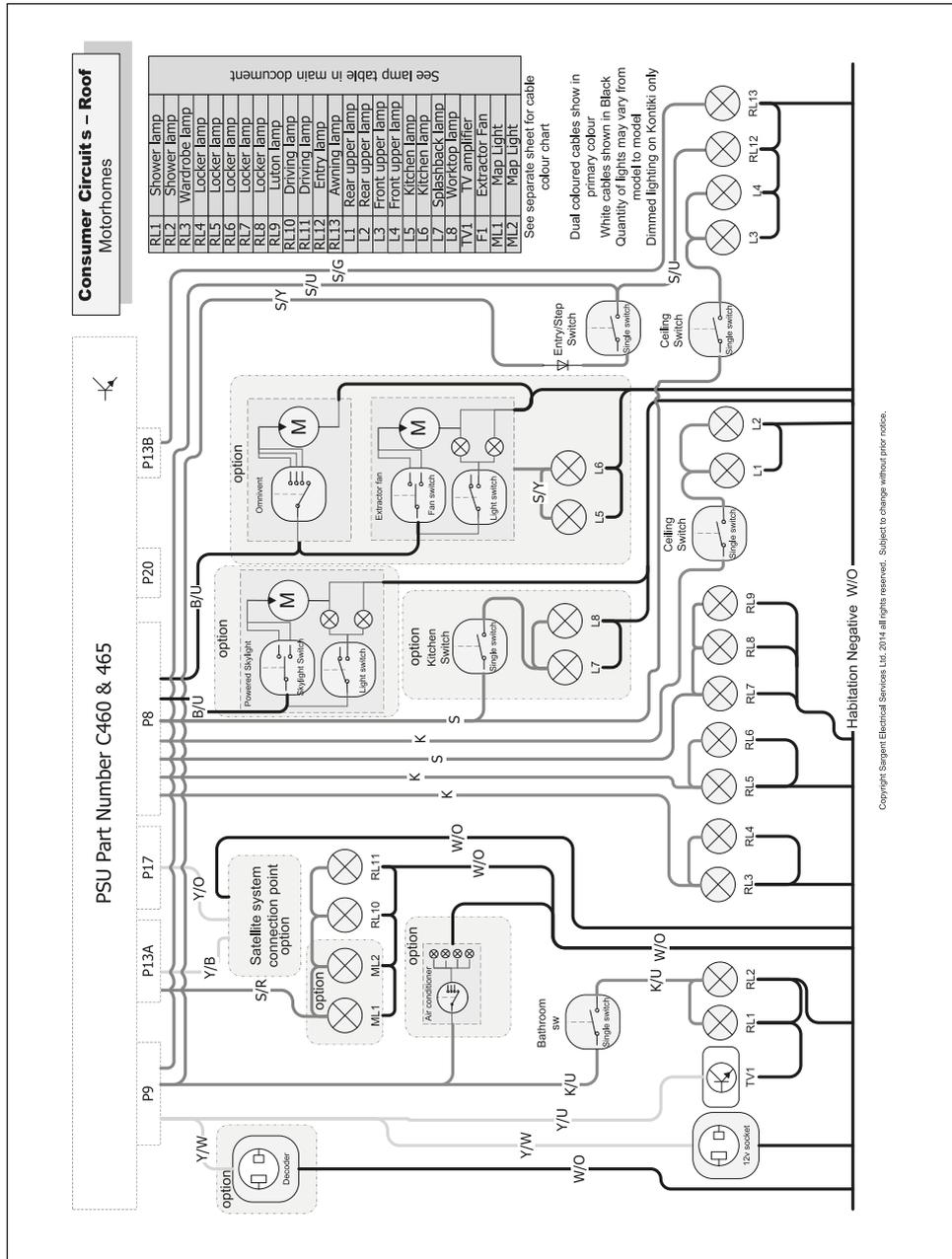


Escape - Road lighting circuits

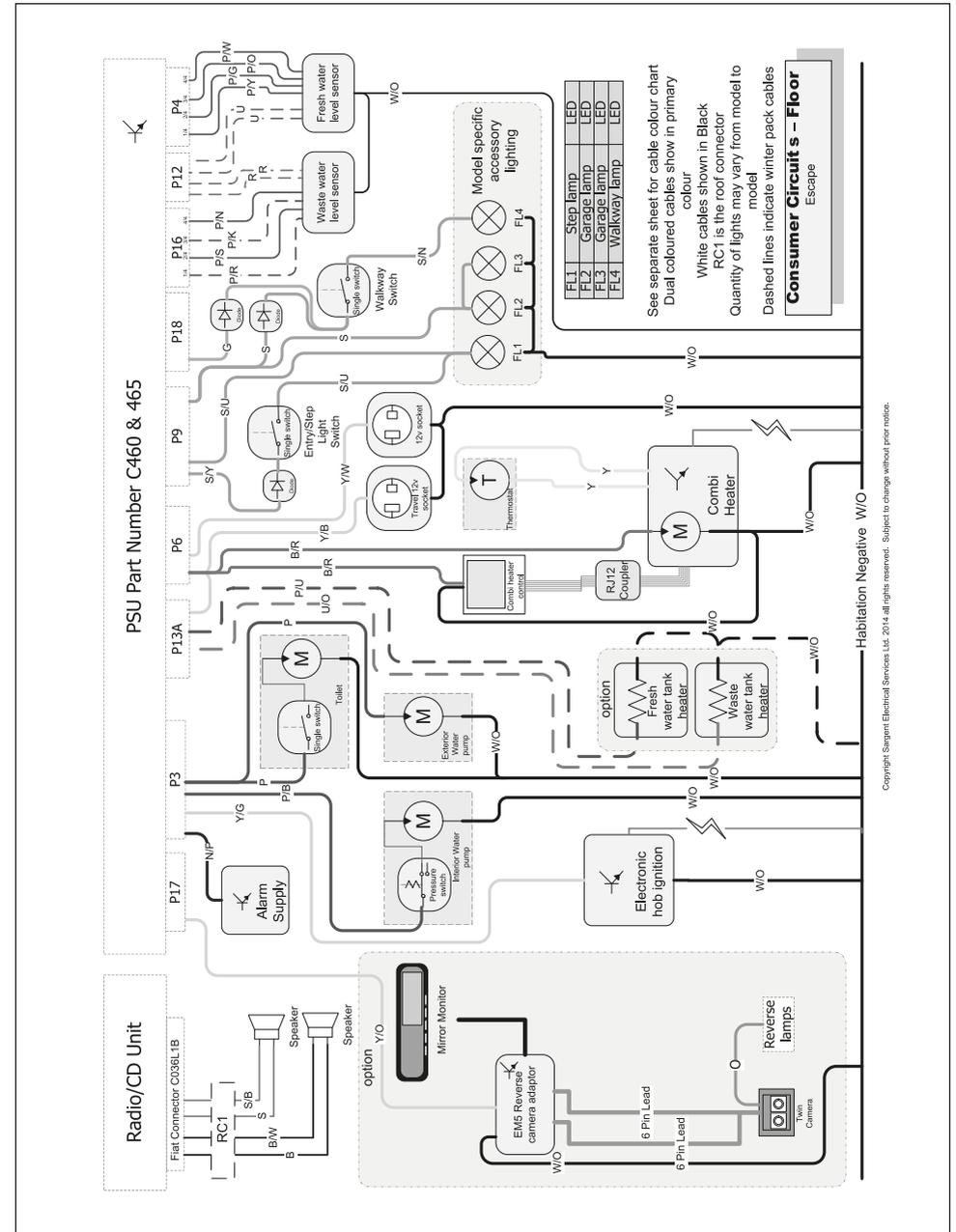


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Escape - Roof lighting circuits



Escape - Consumer Circuits - Floor circuits



Escape - Cable Colour Chart



Y/U Yellow cable with Blue stripe

Example

Cable Colour Chart
Swift Group

12v Cable Colours

Letter	Colour
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

Letter	Colour
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	LED complete lamp	12v <1w
Front marker light	W5W	12v 5w
Side marker light	W5W	12v 5w
Rear high level marker light	C5W	12v 5w
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
Application	Bulb Reference	Bulb Rating
Locker spotlights	LED complete lamp FEM0854	12v LED
Downlights	LED complete lamp FEM01189	12v LED
Ceiling lights, 3x LED's	LED complete lamp FEM0858	12v LED
Ceiling lights, White	LED complete lamp S2	12v LED
Luton lamp	LED complete lamp FEM1373	12v LED
China locker lamp	LED complete lamp FEM1374	12v LED
Bunk light (touch control)	LED Complete unit SMD	12v LED
Awning lamp	LED complete lamp FEM0945	12v LED

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

Replacement instructions

ESCAPE ROAD LIGHTING, COACH-BUILT BODY MOUNTED LAMPS

STOP / TAIL, INDICATOR, FOG AND REVERSE LAMPS

- Bulb access is from front / via lens of each lamp
- Remove 2x screws from each light lens and withdraw lens
- Bulbs are a bayonet fitting – apply slight pressure on bulb towards light fitting, and twist to release
- Reverse procedure to re-fit bulb and lens.
- 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 LENS)

- Lens 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 bar
- Lift lens upwards and away from lamp base, lower edge first
- Lever bulb out of retaining clips
- Reverse procedure to re-fit bulb and lens

HIGH LEVEL BRAKE LAMP

- Remove 2x screws at either end of lamp, and withdraw lamp away from cowl
- 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

NUMBER PLATE LAMPS

- Bulb access is via the front lense of each lamp.
- Remove 2x screws in the lense of the lamp, and remove
- Lever the bulb out of retaining clips
- Reverse the procedure to re-fit bulb and the light lense

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

FRONT HIGH LEVEL MARKER / POSITION LAMPS (RECTANGULAR LENS)

- 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

FRONT HIGH LEVEL MARKER / POSITION LAMPS (OVAL LENS)

- 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

