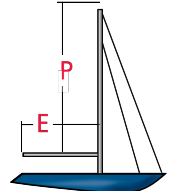
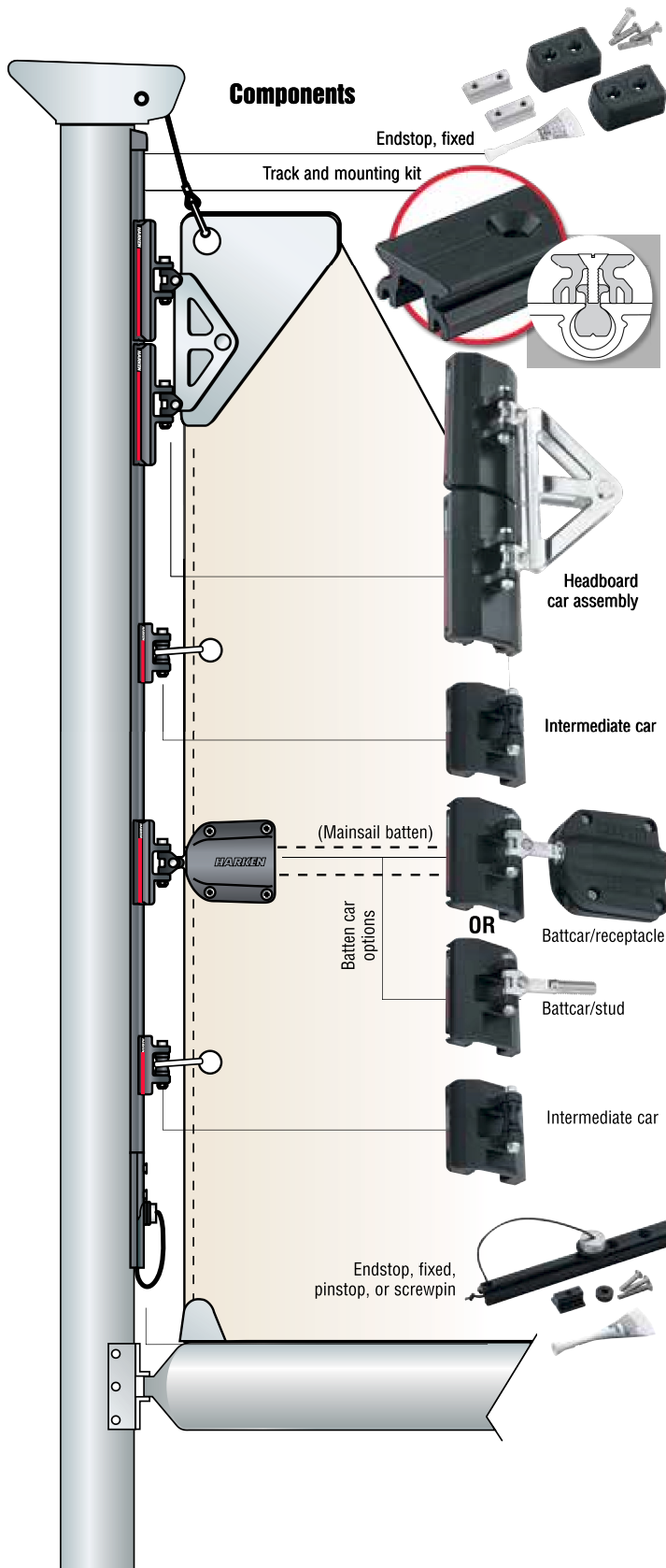


# Ordering Battcar Systems



**Mainsail Area**  
P x E x .5

## 1. Determine System Size

The four sizes, systems AA, A, B, and C, are based on sail area (pages 156-163). If you need to reduce car stack height on mast, see **Switch T-Track Battcar Systems** (pages 164-169).

System size	Maximum sail area				Typical boat length			
	Monohull		Multihull		Monohull		Multihull	
	ft <sup>2</sup>	m <sup>2</sup>	ft <sup>2</sup>	m <sup>2</sup>	ft	m	ft	m
AA	350	32	275	25	to 37	to 11.3	to 30	to 9.1
A	600	56	500	46	37 - 50	11.3 - 15.2	30 - 40	9.1 - 12.2
B	900	83	700	65	50 - 60	15.2 - 18.3	40 - 50	12.2 - 15.2
C	1940	180	1510	140	60 - 90	18.3 - 27	50 - 70	15.2 - 21

## 2. Determine Track Quantity and Type

Use **Mainsail Luff Length** chart on each system page to determine number of track sections.

**Slug-mount:** most common. Requires 1 slug-mount kit per track section. Select slug that matches the mast's boltrope groove shape.

**Drill-tap:** for masts without a boltrope groove. Requires 1 splice link at each track joint.

## 3. Choose Endstop Kit

**Quick-release:** includes screwpin or pinstop endstop for bottom of mast and fixed endstop for the top.

**Fixed:** Includes two fixed endstops.

## 4. Choose Cars

Order 1 headboard, 1 Battcar for every full batten, and use the **Intermediate Car Chart** to determine number of intermediate cars.

**CB system:** all captive ball bearing components. Lowest friction system for fast sail hoists, douses, and reefs.

**Combination system:** CB headboard and Battcars, Slider intermediate cars. Reduces cost but uses CB in the most critical load areas.

**Slider system:** all slider components. Raise and lower sails without jamming the soil in the groove.

## Intermediate Cars

Distance between battens*	Distance between battens*		Intermediate cars between battens
	ft	m	
8 or less		2.4 or less	1
9 - 13		2.7 - 4	2
14 - 16		4.3 - 4.9	3

\*Boats without full battens should use 1 intermediate CB or slider car per 1.2 m (4') and no Battcars.

## 5. Contact

If you have questions, please contact your dealer or Harken Technical Service.