

WE COMBINE OUR KNOW-HOW ...



G.S.E.



RACO A/S

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European Agricultural Fund
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RACO presentation

The company RACO A/S is based in Holsted, close to the motorway, between Esbjerg and Kolding. RACO A/S is engaged in the manufacture and sale of auto-electrical products such as battery terminals, charging clips, booster cables, earth straps and connecting cables sold under the trademarks of RACO.

In parallel, RACO A/S is now also involved in the development and production of socket testers, trailer light testers, converters 24 - 12 volts, as well as pedal force instruments, etc., which are sold under the trade mark G.S.E.

However, the story goes back further...

The start of the 50-ies

Manufacturer E. Lindberg Rasmussen began manufacturing battery terminals and more, inspired by leftover parts from the English army. The battery terminals were then cast in lead. The products were sold under the trademark RACO.

1973

Another part of RACO A/S is the brand GSE, which was founded in 1973 by Kristina Sigmunds, who started by making adapters for interconnecting trucks that were supposed to pull English trailers that had connectors than the Danish ones.

1980's

GSE is starting to develop testers for sockets, as well as testers for testing lights on trailers.

1988

The company Tajco, Grindsted takes over the RACO brand and moves production to Grindsted.

2007

RACO A/S is founded and acquires the rights to the trademark RACO.

2014

RACO A/S acquires the rights to GSE.

2015

RACO A/S gathers its activities in the premises at Overgade 4, Holsted.

Both RACO and GSE products have always been known for their high quality. Battery terminals and charging clamps are e.g. made of cast brass, which has an unmatched power conductivity. The test products from GSE are all internally developed within the company. The products have been exported to customers all over Europe for many years.

The pictures are illustrative and may vary from the originals.

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BATTERY TERMINALS



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Part no	Description	Pol dia.	Drilling	Connection	Material	Cable Size	DIN	Colli	
203001	Positive +	Ø 19 mm		Right angled	Brass, tin-plated	25-35 mm ²	72331 form A	25 pcs.	
203002	Positive +	Ø 19 mm		Left angled	Brass, tin-plated	25-35 mm ²	72331 form C	25 pcs.	
204001	Negative -	Ø 17 mm		Right angled	Brass, tin-plated	25-35 mm ²	72331 form D	25 pcs.	
204002	Negative -	Ø 17 mm		Left angled	Brass, tin-plated	25-35 mm ²	72331 form B	25 pcs.	
219000	Positive +	Ø 14 mm		Right angled (E.g. Fiat Mazda, Suzuki)	Brass, tin-plated	25-35 mm ²		25 pcs.	
220000	Negative -	Ø 12 mm		Left angled (E.g. Fiat Mazda, Suzuki)	Brass, tin-plated	25-35 mm ²		25 pcs.	
235001	Positive +	Ø 19 mm		Right angled	Brass, tin-plated	35-70 mm ²	72331 form A	20 pcs.	
235002	Positive +	Ø 19 mm		Left angled	Brass, tin-plated	35-70 mm ²	72331 form C	20 pcs.	
236001	Negative -	Ø 17 mm		Right angled	Brass, tin-plated	35-70 mm ²	72331 form D	20 pcs.	
236002	Negative -	Ø 17mm		Left angled	Brass, tin-plated	35-70 mm ²	72331 form B	20 pcs.	
237001	Positive + Double connection	Ø 19 mm		Right angled	Brass, tin-plated	35-70 mm ²		15 pcs.	
237002	Positive + Double connection	Ø 19 mm		Left angled	Brass, tin-plated	35-70 mm ²		15 pcs.	
238001	Negative - Double connection	Ø 17 mm		Right angled	Brass, tin-plated	35-70 mm ²		15 pcs.	
238002	Negative - Double connection	Ø 17 mm		Left angled	Brass, tin-plated	35-70 mm ²		15 pcs.	
239000	Positive + With 5mm screw connection	Ø 19 mm		Right angled	Brass, tin-plated	35-70 mm ²		15 pcs.	
240000	Negative - With 5mm screw connection	Ø 17 mm		Left angled	Brass, tin-plated	35-70 mm ²		15 pcs.	

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Part no	Description	Pol dia.	Drilling	Connection	Material	Cable Size	DIN	Colli	
205000	Positive + Solderless	Ø 19 mm	Ø10mm		Brass, tin-plated	25-35 mm ²	72332	25 pcs.	
206000	Negative - Solderless	Ø 17 mm	Ø10mm		Brass, tin-plated	25-35 mm ²	72332	25 pcs.	
207000	Positive + Solderless	Ø 19 mm	Ø13mm		Brass, tin-plated	35-50 mm ²	72332	25 pcs.	
208000	Negative - Solderless	Ø 17 mm	Ø13mm		Brass, tin-plated	35-50 mm ²	72332	25 pcs.	
209000	Positive + Solderless	Ø 19 mm	Ø15mm		Brass, tin-plated	50-70 mm ²	72332	25 pcs.	
210000	Negative - Solderless	Ø 17 mm	Ø15mm		Brass, tin-plated	50-70 mm ²	72332	25 pcs.	
245000	Positive + Solderless	Ø 19 mm	Ø 9mm		Brass, tin-plated	25-35 mm ²	72332	25 pcs.	
246000	Negative - Solderless	Ø 17 mm	Ø 9mm		Brass, tin-plated	25-35 mm ²	72332	25 pcs.	
247000	Positive + Solderless	Ø 19 mm	Ø11mm		Brass, tin-plated	35-50 mm ²	72332	25 pcs.	
248000	Negative - Solderless	Ø 17 mm	Ø11mm		Brass, tin-plated	35-50 mm ²	72332	25 pcs.	
211000	Positive + For soldering	Ø 19 mm	Ø9,7mm	With groove	Brass, tin-plated	35-50 mm ²		25 pcs.	
212000	Negative - For soldering	Ø 17 mm	Ø9,7mm	With groove	Brass, tin-plated	35-50 mm ²		25 pcs.	
211500	Positive + For soldering	Ø 19 mm	Ø9,7mm	With groove	Brass, tin-plated	35-50 mm ²		250 pcs. Industry	
212500	Negative - For soldering	Ø 17 mm	Ø9,7mm	With groove	Brass, tin-plated	35-50 mm ²		250 pcs. Industry	
211501	Positive + For soldering	Ø 19 mm	Ø9,7mm	Without groove	Brass, tin-plated	35-50 mm ²		250 pcs. Industry	
212501	Negative - For soldering	Ø 17 mm	Ø9,7mm	Without groove	Brass, tin-plated	35-50 mm ²		250 pcs. Industry	

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Part no	Description	Pol dia.	Drilling	Connection	Material	Cable Size	DIN	Colli	
211502	Positive + For soldering	Ø 19 mm	Ø7,5mm	Without groove	Brass, tin-plated	16-25 mm ²		250 pcs. Industry	
212502	Negative - For soldering	Ø 17 mm	Ø7,5mm	Without groove	Brass, tin-plated	16-25 mm ²		250 pcs. Industry	
285000	Positive + For soldering	Ø 19 mm	Ø12,5mm		Brass, tin-plated	35-50 mm ²		250 pcs. Industry	
286000	Negative - For soldering	Ø 17 mm	Ø12,5mm		Brass, tin-plated	35-50 mm ²		250 pcs. Industry	
217500	Positive + For soldering	Ø 19 mm			Brass, tin-plated	35-50 mm ²		250 pcs. Industry	
218500	Negative - For soldering	Ø 17 mm			Brass, tin-plated	35-50 mm ²		250 pcs. Industry	
221500	Positive + For soldering	Ø 19 mm			Brass, tin-plated	16-25 mm ²		250 pcs. Industry	
227000	Positive +	Ø 19 mm		M10 x 22mm Bolt	Brass, tin-plated	25-70 mm ²		25 pcs.	
227515	Positive +	Ø 19 mm		M10 x 15mm Bolt	Brass, tin-plated	25-70 mm ²		250 pcs.	
228000	Negative -	Ø 17 mm		M10 x 22mm Bolt	Brass, tin-plated	25-70 mm ²		25 pcs.	
228515	Negative -	Ø 17 mm		M10 x 15mm Bolt	Brass, tin-plated	25-70 mm ²		250 pcs.	
229000	Positive +	Ø 19 mm		M8 x 22mm Bolt	Brass, tin-plated	25-70 mm ²		25 pcs.	
230000	Negative -	Ø 17 mm		M8 x 22mm Bolt	Brass, tin-plated	25-70 mm ²		25 pcs.	
227003	Positive + w/wing nut	Ø 19 mm		M10 x 22mm Bolt	Brass, tin-plated	25-70 mm ²		20 pcs.	
228003	Negative - w/wing nut	Ø 17 mm		M10 x 22mm Bolt	Brass, tin-plated	25-70 mm ²		20 pcs.	
229003	Positive + W/wing nut	Ø 19 mm		M8 x 22mm Bolt	Brass, tin-plated	25-70 mm ²		25 pcs.	
230003	Negative - W/wing nut	Ø 17 mm		M8 x 22mm Bolt	Brass, tin-plated	25-70 mm ²		25 pcs.	
257000	Positive +	Ø 19 mm		10mm thread	Brass, tin-plated			25 pcs.	
258000	Negative -	Ø 17mm		8mm thread	Brass, tin-plated			25 pcs.	
257002	Positive +	Ø 19 mm		10mm bolt	Brass, tin-plated			25 pcs.	
259002	Positive +	Ø 19 mm		12mm bolt	Brass, tin-plated			25 pcs.	
260002	Negative -	Ø 17 mm		10mm bolt	Brass, tin-plated			25 pcs.	



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Part no	Description	Pol dia.	Drilling	Connection	Material	Cable Size	DIN	Colli	
225000	Positive +	Ø 19 mm		Int. thread	Brass, tin-plated		DIN/USA	25 pcs.	
226000	Negative -	Ø 17 mm		Int. thread	Brass, tin-plated		DIN/USA	25 pcs.	
249000	Positive +	Ø 19 mm		Adapter for flat poles. FORD	Brass, tin-plated			25 pcs.	
250000	Negative -	Ø 17 mm			Brass, tin-plated			25 pcs.	
255000	Positive +	Ø 19 mm		Easy click	Brass, tin-plated	16-70 mm ²		12 pcs.	
256000	Negative -	Ø 17 mm		Easy click	Brass, tin-plated	16-70 mm ²		12 pcs.	
265000	Positive +	Ø 19 mm to 14 mm		If the vehicle's existing battery terminals are "small pole" and the new battery has "large pole"				1 pc.	
266000	Negative -	Ø 17 mm to 12 mm						1 pc.	
265266	Positive + Negative -	Ø 19 mm to 14 mm Ø 17 mm to 12 mm		Delivered in a set of 2 pcs. and in blister pack.				2 pcs.	
224500	Negative -	Ø 17 mm		For earth straps	Brass, tin-plated			250 pcs. Industry	
4005	Bolt Pozi			M6 x 19mm	Brass, tin-plated			100 pcs.	
4006	Bolt Pozi			M6 x 15mm	Brass, tin-plated			100 pcs.	
4011	Iron Washer			Inside 10mm	Outside 22mm			100 pcs.	
4020	Nut			M8	6-edged			100 pcs.	
4024	Nut			M10	6-edged			100 pcs.	
926000	Bolt with Nut			Bolt = M8 x 28mm	Nut = M8			100 pcs.	



BATTERY TERMINAL COVER

















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Part no.	Angle	Colour	Dimensions inside	Cable diameter	Material	Suitable for battery terminals	
020290N	Right angled	Black	Length: 52 mm Width: 35 mm Height: 20 mm	17 mm	PVC	206000/208000/212000/ 212500/212501/212502/ 246000/248000	
020290R	Right angled	Red	Length: 52 mm Width: 35 mm Height: 20 mm	17 mm	PVC	205000/207000/211000/ 211500/211501/211502/ 245000/247000	
020291N	Straight	Black	Length: 52 mm Width: 35 mm Height: 20 mm	17 mm	PVC	204001/204002/220000/ 226000	
020291R	Straight	Red	Length: 52 mm Width: 35 mm Height: 20 mm	17 mm	PVC	203001/203002/219000/ 225000	
020292N	Left angled	Black	Length: 52 mm Width: 35 mm Height: 20 mm	17 mm	PVC	206000/208000/212000/ 212500/212501/212502/ 246000/248000	
020292R	Left angled	Red	Length: 52 mm Width: 35 mm Height: 20 mm	17 mm	PVC	205000/207000/211000/ 211500/211501/211502/ 245000/247000	
020293N	Left angled	Black	Length: 55 mm Width: 35 mm Height: 20/40 mm	- mm	PVC	228000/228515/228003/ 230000/230003/258000/ 260002	
020293R	Left angled	Red	Length: 55 mm Width: 35 mm Height: 20/40 mm	- mm	PVC	227000/227515/227003/ 229000/229003/257000/ 257002/259002	
020294N	Right angled	Black	Length: 52 mm Width: 35 mm Height: 20/40 mm	17 mm	PVC	228000/228515/228003/ 230000/230003/258000/ 260002	
020294R	Right angled	Red	Length: 52 mm Width: 35 mm Height: 20/40 mm	17 mm	PVC	227000/227515/227003/ 229000/229003/257000/ 257002/259002	
020295N	Left angled	Black	Length: 50/55 mm Width: 50 mm Height: 28 mm	17 mm	PVC	236002	
020295R	Left angled	Red	Length: 50/55 mm Width: 50 mm Height: 28 mm	17 mm	PVC	235002	
020296N	Right angled	Black	Length: 50/55 mm Width: 50 mm Height: 28 mm	17 mm	PVC	236001	
020296R	Right angled	Red	Length: 50/55 mm Width: 50 mm Height: 28 mm	17 mm	PVC	235001	

BATTERY CLIPS



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Part no	Description	Cable Size	Colour Load	Material			
901000	Charging clips	25-50 mm ²	Red	Max 500 amp	Casted brass		
902000	Charging clips	25-50 mm ²	Black	Max 500 amp	Casted brass		
903000	Charging clips	10-16 mm ²	Red	Max 300 amp	Casted brass		
904000	Charging clips	10-16 mm ²	Black	Max 300 amp	Casted brass		
905000	Charging clips	25-50 mm ²	Red	Max 850 amp	Casted brass – fully insulated, ergonomic. W. extra ground connection between jaws.		
906000	Charging clips	25-50 mm ²	Black	Max 850 amp	Casted brass – fully insulated, ergonomic. W. extra ground connection between jaws.		
921000	Charging clips	6-10 mm ²	Red	Max 40 amp	Pressed steel		
922000	Charging clips	6-10 mm ²	Black	Max 40 amp	Pressed steel		
923000	Charging clips	25-50 mm ²	Red	Max 600 amp	Pressed steel w. brass insert, fully insulated. W. extra ground connection between jaws.		
924000	Charging clips	25-50 mm ²	Black	Max 600 amp	Pressed steel w. brass insert, fully insulated. W. extra ground connection between jaws.		
931000	Charging Clips		+	Max 25 amp	Pressed steel		
932000	Charging Clips		-	Max 25 amp	Pressed steel		
933000	Charging Clips		+	Max 50 amp	Pressed steel		
934000	Charging Clips		-	Max 50 amp	Pressed steel		










BATTERY CLIPS



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Part no	Description	Colour	Material	Fits to battery clip	Colli		
4351	Cover for handle	Black	Hard plastic	904000	1 piece		
4352	Cover for handle	Red	Hard plastic	903000	1 piece		
4353	Cover for handle	Red	Hard plastic	901000	1 piece		
4354	Cover for handle	Black	Hard plastic	902000	1 piece		
4355	Cover for handle	Black	Hard plastic	906000, 910000, 912000	Set of 2		
4356	Cover for handle	Red	Hard plastic	905000, 909000, 911000	Set of 2		
4357	Cover for beak	Black	Hard plastic	906000	Set of 2		
4358	Cover for beak	Red	Hard plastic	905000	Set of 2		





















Part no.	Type	Volts max.	Ampere Cont.	Ampere Max.	Function	Description	
080001	Master battery switch	24 V	100 A	500 A (5 sec.)	2 positions ON-OFF- (key) OUT	Removable "key"	
080002	Master battery switch	24 V	200 A	1000 A (5 sec.)	2 positions ON-OFF	Fixed "key"	
080003	Master battery switch	24 V	100 A	1000 A (5 sec.)	2 positions ON-OFF	Removable "key"	
080004	Master battery switch	24 V	150 A	1000 A (5 sec.)	2 positions ON-OFF	Fixed "key"	
080005	Master battery switch	24 V	250 A	2500 A (5 sec.)	2 positions ON-OFF	Removable "key"	
080006	Master battery switch	24 V	250 A	2500 A (5 sec.)	2 positions ON-OFF	Removable "key"	
080007	Master battery switch	24 V	125 A	500 A (5 sec.)	Disconnect by turning the knob	Brass tin-plated	

RING TERMINAL



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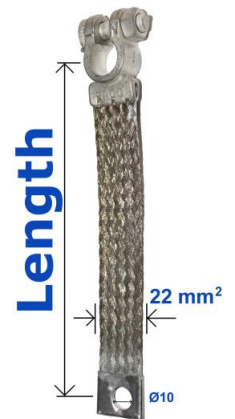
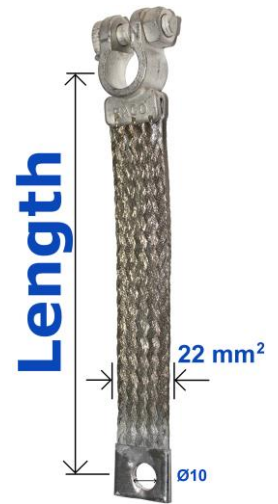
Part no	Description	Cable Size	Hole size	Bolt size	Material		
090001	Hole terminals	4 - 6 mm ²	6.4 mm	M6	Copper, tin-plated		
090002	Hole terminals	4 - 6 mm ²	8.4 mm	M8	Copper, tin-plated		
090003	Hole terminals	6 - 10 mm ²	6.4 mm	M6	Copper, tin-plated		
090004	Hole terminals	6 - 10 mm ²	8.4 mm	M8	Copper, tin-plated		
090005	Hole terminals	6 - 10 mm ²	10.5 mm	M10	Copper, tin-plated		
090006	Hole terminals	10 - 16 mm ²	6.4 mm	M6	Copper, tin-plated		
090007	Hole terminals	10 - 16 mm ²	8.4 mm	M8	Copper, tin-plated		
090008	Hole terminals	10 - 16 mm ²	10.5 mm	M10	Copper, tin-plated		
090009	Hole terminals	16 - 25 mm ²	6.4 mm	M6	Copper, tin-plated		
090010	Hole terminals	16 - 25 mm ²	8.4 mm	M8	Copper, tin-plated		
090011	Hole terminals	16 - 25 mm ²	10.5 mm	M10	Copper, tin-plated		
090021	Hole terminals	25 - 35 mm ²	6.4 mm	M6	Copper, tin-plated		
090012	Hole terminals	25 - 35 mm ²	8.4 mm	M8	Copper, tin-plated		
090013	Hole terminals	25 - 35 mm ²	10.5 mm	M10	Copper, tin-plated		
090014	Hole terminals	25 - 35 mm ²	13.0 mm	M12	Copper, tin-plated		
090015	Hole terminals	35 - 50 mm ²	8.4 mm	M8	Copper, tin-plated		
090016	Hole terminals	35 - 50 mm ²	10.5 mm	M10	Copper, tin-plated		
090017	Hole terminals	35 - 50 mm ²	13.0 mm	M12	Copper, tin-plated		
090022	Hole terminals	50 - 70 mm ²	6.4 mm	M6	Copper, tin-plated		
090018	Hole terminals	50 - 70 mm ²	8.4 mm	M8	Copper, tin-plated		
090019	Hole terminals	50 - 70 mm ²	10.5 mm	M10	Copper, tin-plated		
090020	Hole terminals	50 - 70 mm ²	13.0 mm	M12	Copper, tin-plated		
090116	Hole terminals	10 - 50 mm ²	10.5 mm	M10	Copper, tin-plated. Angle 90°		

BATTERY EARTH STRAP



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Part no	Description	Length	Cable Size	Load	Connections
306000	Battery-Earth strap	150 mm	22 mm ²	Max 120 A	Hole Ø 10 mm & - battery terminal
308000	Battery-Earth strap	200 mm	22 mm ²	Max 120 A	Hole Ø 10 mm & - battery terminal
310000	Battery-Earth strap	250 mm	22 mm ²	Max 120 A	Hole Ø 10 mm & - battery terminal
312000	Battery-Earth strap	300 mm	22 mm ²	Max 120 A	Hole Ø 10 mm & - battery terminal
314000	Battery-Earth strap	350 mm	22 mm ²	Max 120 A	Hole Ø 10 mm & - battery terminal
316000	Battery-Earth strap	400 mm	22 mm ²	Max 120 A	Hole Ø 10 mm & - battery terminal
318000	Battery-Earth strap	450 mm	22 mm ²	Max 120 A	Hole Ø 10 mm & - battery terminal
320000	Battery-Earth strap	500 mm	22 mm ²	Max 120 A	Hole Ø 10 mm & - battery terminal
322000	Battery-Earth strap	550 mm	22 mm ²	Max 120 A	Hole Ø 10 mm & - battery terminal
324000	Battery-Earth strap	600 mm	22 mm ²	Max 120 A	Hole Ø 10 mm & - battery terminal
326000	Battery-Earth strap	650 mm	22 mm ²	Max 120 A	Hole Ø 10 mm & - battery terminal
341000	Battery-Earth strap	250 mm	22 mm ²	Max 120 A	Hole Ø 10 mm & + battery terminal
342000	Battery-Earth strap	300 mm	22 mm ²	Max 120 A	Hole Ø 10 mm & + battery terminal
343000	Battery-Earth strap	350 mm	22 mm ²	Max 120 A	Hole Ø 10 mm & + battery terminal
344000	Battery-Earth strap	400 mm	22 mm ²	Max 120 A	Hole Ø 10 mm & + battery terminal
345000	Battery-Earth strap	500 mm	22 mm ²	Max 120 A	Hole Ø 10 mm & + battery terminal
370000	Battery-Earth strap	200 mm	50 mm ²	Max 250 A	Hole Ø 10 mm & - battery terminal
372000	Battery-Earth strap	250 mm	50 mm ²	Max 250 A	Hole Ø 10 mm & - battery terminal
374000	Battery-Earth strap	300 mm	50 mm ²	Max 250 A	Hole Ø 10 mm & - battery terminal
376000	Battery-Earth strap	350 mm	50 mm ²	Max 250 A	Hole Ø 10 mm & - battery terminal
378000	Battery-Earth strap	400 mm	50 mm ²	Max 250 A	Hole Ø 10 mm & - battery terminal

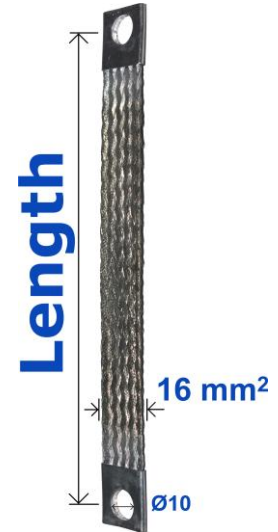


MOTOR EARTH STRAP



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Part no	Description	Length	Cable Size	Load	Connections
406000	Motor-Earth strap	150 mm	16 mm ²	Max 120 A	Hole Ø 10 mm
408000	Motor-Earth strap	200 mm	16 mm ²	Max 120 A	Hole Ø 10 mm
410000	Motor-Earth strap	250 mm	16 mm ²	Max 120 A	Hole Ø 10 mm
412000	Motor-Earth strap	300 mm	16 mm ²	Max 120 A	Hole Ø 10 mm
414000	Motor-Earth strap	350 mm	16 mm ²	Max 120 A	Hole Ø 10 mm
416000	Motor-Earth strap	400 mm	16 mm ²	Max 120 A	Hole Ø 10 mm
418000	Motor-Earth strap	450 mm	16 mm ²	Max 120 A	Hole Ø 10 mm
420000	Motor-Earth strap	500 mm	16 mm ²	Max 120 A	Hole Ø 10 mm
422000	Motor-Earth strap	550 mm	16 mm ²	Max 120 A	Hole Ø 10 mm
424000	Motor-Earth strap	600 mm	16 mm ²	Max 120 A	Hole Ø 10 mm
428000	Motor-Earth strap	700 mm	16 mm ²	Max 120 A	Hole Ø 10 mm
430000	Motor-Earth strap	750 mm	16 mm ²	Max 120 A	Hole Ø 10 mm
<hr/>					
470000	Motor-Earth strap	250 mm	22 mm ²	Max 150 A	Hole Ø 10 mm
472000	Motor-Earth strap	300 mm	22 mm ²	Max 150 A	Hole Ø 10 mm
474000	Motor-Earth strap	350 mm	22 mm ²	Max 150 A	Hole Ø 10 mm
476000	Motor-Earth strap	400 mm	22 mm ²	Max 150 A	Hole Ø 10 mm
480000	Motor-Earth strap	500 mm	22 mm ²	Max 150 A	Hole Ø 10 mm
460000	Motor-Earth strap	750 mm	22 mm ²	Max 150 A	Hole Ø 10 mm
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482000	Motor-Earth strap	250 mm	50 mm ²	Max 250 A	Hole Ø 10 mm
484000	Motor-Earth strap	300 mm	50 mm ²	Max 250 A	Hole Ø 10 mm
486000	Motor-Earth strap	350 mm	50 mm ²	Max 250 A	Hole Ø 10 mm
488000	Motor-Earth strap	400 mm	50 mm ²	Max 250 A	Hole Ø 10 mm
492000	Motor-Earth strap	500 mm	50 mm ²	Max 250 A	Hole Ø 10 mm



BOOSTER CABLE SET



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Part no	Cable Size	Length	Load	Material	
111605	16 mm ²	2.5 meters	Max 200 amp	Clamps in casted brass (RACO Part no 903000/904000)	
111603	16 mm ²	3.0 meters	Max 200 amp	Clamps in casted brass (RACO Part no 903000/904000)	
111606	16 mm ²	3.5 meters	Max 200 amp	Clamps in casted brass (RACO Part no 903000/904000)	
111607	16 mm ²	4.0 meters	Max 200 amp	Clamps in casted brass (RACO Part no 903000/904000)	
112505	25 mm ²	2.5 meters	Max 350 amp	Clamps in casted brass (RACO Part no 901000/902000)	
112503	25 mm ²	3.0 meters	Max 350 amp	Clamps in casted brass (RACO Part no 901000/902000)	
112506	25 mm ²	3.5 meters	Max 350 amp	Clamps in casted brass (RACO Part no 901000/902000)	
112507	25 mm ²	4.0 meters	Max 350 amp	Clamps in casted brass (RACO Part no 901000/902000)	
112508	25 mm ²	5.0 meters	Max 350 amp	Clamps in casted brass (RACO Part no 901000/902000)	
113503	35 mm ²	3.0 meters	Max 480 amp	Clamps in casted brass (RACO Part no 901000/902000)	
113506	35 mm ²	3.5 meters	Max 480 amp	Clamps in casted brass (RACO Part no 901000/902000)	
113507	35 mm ²	4.0 meters	Max 480 amp	Clamps in casted brass (RACO Part no 901000/902000)	
113508	35 mm ²	5.0 meters	Max 480 amp	Clamps in casted brass (RACO Part no 901000/902000)	
123503	35 mm ²	3.0 meters	Max 500 amp	Clamps in casted brass, fully insulated & ergonomic (RACO Part no 905000/906000)	
123506	35 mm ²	3.5 meters	Max 500 amp	Clamps in casted brass, fully insulated & ergonomic (RACO Part no 905000/906000)	
123507	35 mm ²	4.0 meters	Max 500 amp	Clamps in casted brass, fully insulated & ergonomic (RACO Part no 905000/906000)	
123508	35 mm ²	5.0 meters	Max 500 amp	Clamps in casted brass, fully insulated & ergonomic (RACO Part no 905000/906000)	
115006	50 mm ²	3.5 meters	Max 500 amp	Clamps in casted brass (RACO Part no 901000/902000)	
115007	50 mm ²	4.0 meters	Max 500 amp	Clamps in casted brass (RACO Part no 901000/902000)	
115008	50 mm ²	5.0 meters	Max 500 amp	Clamps in casted brass (RACO Part no 901000/902000)	
125003	50 mm ²	3.0 meters	Max 600 amp	Clamps in casted brass, fully insulated & ergonomic (RACO Part no 905000/906000)	
125007	50 mm ²	4.0 meters	Max 600 amp	Clamps in casted brass, fully insulated & ergonomic (RACO Part no 905000/906000)	
125008	50 mm ²	5.0 meters	Max 600 amp	Clamps in casted brass, fully insulated & ergonomic (RACO Part no 905000/906000)	



CABLE CONNECTIONS



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Part no	Description	Length	Cable Size	Load	Connections
150800	Starter connector cable	200 mm	25 mm ²	Max 150 A	Ring terminals Ø 10 mm
151000	Starter connector cable	250 mm	25 mm ²	Max 150 A	Ring terminals Ø 10 mm
151200	Starter connector cable	300 mm	25 mm ²	Max 150 A	Ring terminals Ø 10 mm
151400	Starter connector cable	350 mm	25 mm ²	Max 150 A	Ring terminals Ø 10 mm
151600	Starter connector cable	400 mm	25 mm ²	Max 150 A	Ring terminals Ø 10 mm
151800	Starter connector cable	450 mm	25 mm ²	Max 150 A	Ring terminals Ø 10 mm
152000	Starter connector cable	500 mm	25 mm ²	Max 150 A	Ring terminals Ø 10 mm
152200	Starter connector cable	550 mm	25 mm ²	Max 150 A	Ring terminals Ø 10 mm
152600	Starter connector cable	650 mm	25 mm ²	Max 150 A	Ring terminals Ø 10 mm
152800	Starter connector cable	700 mm	25 mm ²	Max 150 A	Ring terminals Ø 10 mm
153200	Starter connector cable	800 mm	25 mm ²	Max 150 A	Ring terminals Ø 10 mm
153600	Starter connector cable	900 mm	25 mm ²	Max 150 A	Ring terminals Ø 10 mm
154000	Starter connector cable	1000 mm	25 mm ²	Max 150 A	Ring terminals Ø 10 mm
150808	Starter connector cable	200 mm	25 mm ²	Max 150 A	Ring terminals Ø 8 mm
151208	Starter connector cable	300 mm	25 mm ²	Max 150 A	Ring terminals Ø 8 mm
151608	Starter connector cable	400 mm	25 mm ²	Max 150 A	Ring terminals Ø 8 mm
152008	Starter connector cable	500 mm	25 mm ²	Max 150 A	Ring terminals Ø 8 mm
160800	Starter connector cable	200 mm	35 mm ²	Max 200 A	Ring terminals Ø 10 mm
161000	Starter connector cable	250 mm	35 mm ²	Max 200 A	Ring terminals Ø 10 mm
161200	Starter connector cable	300 mm	35 mm ²	Max 200 A	Ring terminals Ø 10 mm
161400	Starter connector cable	350 mm	35 mm ²	Max 200 A	Ring terminals Ø 10 mm
161600	Starter connector cable	400 mm	35 mm ²	Max 200 A	Ring terminals Ø 10 mm
162000	Starter connector cable	500 mm	35 mm ²	Max 200 A	Ring terminals Ø 10 mm
162800	Starter connector cable	700 mm	35 mm ²	Max 200 A	Ring terminals Ø 10 mm
163200	Starter connector cable	800 mm	35 mm ²	Max 200 A	Ring terminals Ø 10 mm
163600	Starter connector cable	900 mm	35 mm ²	Max 200 A	Ring terminals Ø 10 mm
164000	Starter connector cable	1000 mm	35 mm ²	Max 200 A	Ring terminals Ø 10 mm
160808	Starter connector cable	200 mm	35 mm ²	Max 200 A	Ring terminals Ø 8 mm
161008	Starter connector cable	250 mm	35 mm ²	Max 200 A	Ring terminals Ø 8 mm
161208	Starter connector cable	300 mm	35 mm ²	Max 200 A	Ring terminals Ø 8 mm
161608	Starter connector cable	400 mm	35 mm ²	Max 200 A	Ring terminals Ø 8 mm
162008	Starter connector cable	500 mm	35 mm ²	Max 200 A	Ring terminals Ø 8 mm
160806	Starter connector cable	200 mm	35 mm ²	Max 200 A	Ring terminals Ø 6 mm
161206	Starter connector cable	300 mm	35 mm ²	Max 200 A	Ring terminals Ø 6 mm





Part no	Description	Length	Cable Size	Load	Connections
170800	Starter connector cable	200 mm	50 mm ²	Max 250 A	Ring terminals Ø 10 mm
171000	Starter connector cable	250 mm	50 mm ²	Max 250 A	Ring terminals Ø 10 mm
171200	Starter connector cable	300 mm	50 mm ²	Max 250 A	Ring terminals Ø 10 mm
171400	Starter connector cable	350 mm	50 mm ²	Max 250 A	Ring terminals Ø 10 mm
171600	Starter connector cable	400 mm	50 mm ²	Max 250 A	Ring terminals Ø 10 mm
171800	Starter connector cable	450 mm	50 mm ²	Max 250 A	Ring terminals Ø 10 mm
172000	Starter connector cable	500 mm	50 mm ²	Max 250 A	Ring terminals Ø 10 mm
172200	Starter connector cable	550 mm	50 mm ²	Max 250 A	Ring terminals Ø 10 mm
172400	Starter connector cable	600 mm	50 mm ²	Max 250 A	Ring terminals Ø 10 mm
172800	Starter connector cable	700 mm	50 mm ²	Max 250 A	Ring terminals Ø 10 mm
173200	Starter connector cable	800 mm	50 mm ²	Max 250 A	Ring terminals Ø 10 mm
174000	Starter connector cable	1000 mm	50 mm ²	Max 250 A	Ring terminals Ø 10 mm
175200	Starter connector cable	1300 mm	50 mm ²	Max 250 A	Ring terminals Ø 10 mm
175600	Starter connector cable	1400 mm	50 mm ²	Max 250 A	Ring terminals Ø 10 mm
176000	Starter connector cable	1500 mm	50 mm ²	Max 250 A	Ring terminals Ø 10 mm
176400	Starter connector cable	1600 mm	50 mm ²	Max 250 A	Ring terminals Ø 10 mm
176800	Starter connector cable	1700 mm	50 mm ²	Max 250 A	Ring terminals Ø 10 mm
177200	Starter connector cable	1800 mm	50 mm ²	Max 250 A	Ring terminals Ø 10 mm
177600	Starter connector cable	1900 mm	50 mm ²	Max 250 A	Ring terminals Ø 10 mm
178000	Starter connector cable	2000 mm	50 mm ²	Max 250 A	Ring terminals Ø 10 mm
170608	Starter connector cable	150 mm	50 mm ²	Max 250 A	Ring terminals Ø 8 mm
170808	Starter connector cable	200 mm	50 mm ²	Max 250 A	Ring terminals Ø 8 mm
171208	Starter connector cable	300 mm	50 mm ²	Max 250 A	Ring terminals Ø 8 mm



260800	Battery connector cable	200 mm	35 mm ²	Max 200 A	+ & - battery terminal
261000	Battery connector cable	250 mm	35 mm ²	Max 200 A	+ & - battery terminal
261200	Battery connector cable	300 mm	35 mm ²	Max 200 A	+ & - battery terminal
261600	Battery connector cable	400 mm	35 mm ²	Max 200 A	+ & - battery terminal



270800	Battery connector cable	200 mm	50 mm ²	Max 250 A	+ & - battery terminal
271000	Battery connector cable	250 mm	50 mm ²	Max 250 A	+ & - battery terminal
271200	Battery connector cable	300 mm	50 mm ²	Max 250 A	+ & - battery terminal
271600	Battery connector cable	400 mm	50 mm ²	Max 250 A	+ & - battery terminal
272000	Battery connector cable	500 mm	50 mm ²	Max 250 A	+ & - battery terminal



CABLE CONNECTIONS



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Part no	Description	Length	Cable Size	Load	Connections
508000	Battery to starter cable	200 mm	25 mm ²	Max 150 A	+ battery terminal & Ring terminal Ø 10 mm
510000	Battery to starter cable	250 mm	25 mm ²	Max 150 A	+ battery terminal & Ring terminal Ø 10 mm
512000	Battery to starter cable	300 mm	25 mm ²	Max 150 A	+ battery terminal & Ring terminal Ø 10 mm
514000	Battery to starter cable	350 mm	25 mm ²	Max 150 A	+ battery terminal & Ring terminal Ø 10 mm
516000	Battery to starter cable	400 mm	25 mm ²	Max 150 A	+ battery terminal & Ring terminal Ø 10 mm
518000	Battery to starter cable	450 mm	25 mm ²	Max 150 A	+ battery terminal & Ring terminal Ø 10 mm
520000	Battery to starter cable	500 mm	25 mm ²	Max 150 A	+ battery terminal & Ring terminal Ø 10 mm
522000	Battery to starter cable	550 mm	25 mm ²	Max 150 A	+ battery terminal & Ring terminal Ø 10 mm
524000	Battery to starter cable	600 mm	25 mm ²	Max 150 A	+ battery terminal & Ring terminal Ø 10 mm
526000	Battery to starter cable	650 mm	25 mm ²	Max 150 A	+ battery terminal & Ring terminal Ø 10 mm
528000	Battery to starter cable	700 mm	25 mm ²	Max 150 A	+ battery terminal & Ring terminal Ø 10 mm
532000	Battery to starter cable	800 mm	25 mm ²	Max 150 A	+ battery terminal & Ring terminal Ø 10 mm
538000	Battery to starter cable	950 mm	25 mm ²	Max 150 A	+ battery terminal & Ring terminal Ø 10 mm
540000	Battery to starter cable	1000 mm	25 mm ²	Max 150 A	+ battery terminal & Ring terminal Ø 10 mm
542000	Battery to starter cable	300 mm	25 mm ²	Max 150 A	+ battery terminal & Ring terminal Ø 10 mm RED
543000	Battery to starter cable	350 mm	25 mm ²	Max 150 A	+ battery terminal & Ring terminal Ø 10 mm RED
544000	Battery to starter cable	400 mm	25 mm ²	Max 150 A	+ battery terminal & Ring terminal Ø 10 mm RED
547000	Battery to starter cable	550 mm	25 mm ²	Max 150 A	+ battery terminal & Ring terminal Ø 10 mm RED
545000	Battery to starter cable	700 mm	25 mm ²	Max 150 A	+ battery terminal & Ring terminal Ø 10 mm RED
548000	Battery to starter cable	750 mm	25 mm ²	Max 150 A	+ battery terminal & Ring terminal Ø 10 mm RED
546000	Battery to starter cable	950 mm	25 mm ²	Max 150 A	+ battery terminal & Ring terminal Ø 10 mm RED
608000	Battery to starter cable	200 mm	35 mm ²	Max 200 A	+ battery terminal & Ring terminal Ø 10 mm
610000	Battery to starter cable	250 mm	35 mm ²	Max 200 A	+ battery terminal & Ring terminal Ø 10 mm
612000	Battery to starter cable	300 mm	35 mm ²	Max 200 A	+ battery terminal & Ring terminal Ø 10 mm
614000	Battery to starter cable	350 mm	35 mm ²	Max 200 A	+ battery terminal & Ring terminal Ø 10 mm
616000	Battery to starter cable	400 mm	35 mm ²	Max 200 A	+ battery terminal & Ring terminal Ø 10 mm
618000	Battery to starter cable	450 mm	35 mm ²	Max 200 A	+ battery terminal & Ring terminal Ø 10 mm
620000	Battery to starter cable	500 mm	35 mm ²	Max 200 A	+ battery terminal & Ring terminal Ø 10 mm
622000	Battery to starter cable	550 mm	35 mm ²	Max 200 A	+ battery terminal & Ring terminal Ø 10 mm
624000	Battery to starter cable	600 mm	35 mm ²	Max 200 A	+ battery terminal & Ring terminal Ø 10 mm
626000	Battery to starter cable	650 mm	35 mm ²	Max 200 A	+ battery terminal & Ring terminal Ø 10 mm
628000	Battery to starter cable	700 mm	35 mm ²	Max 200 A	+ battery terminal & Ring terminal Ø 10 mm
632000	Battery to starter cable	800 mm	35 mm ²	Max 200 A	+ battery terminal & Ring terminal Ø 10 mm
640000	Battery to starter cable	1000 mm	35 mm ²	Max 200 A	+ battery terminal & Ring terminal Ø 10 mm
644000	Battery to starter cable	250 mm	35 mm ²	Max 200 A	- battery terminal & Ring terminal Ø 10 mm
646000	Battery to starter cable	300 mm	35 mm ²	Max 200 A	- battery terminal & Ring terminal Ø 10 mm
648000	Battery to starter cable	350 mm	35 mm ²	Max 200 A	- battery terminal & Ring terminal Ø 10 mm
650000	Battery to starter cable	400 mm	35 mm ²	Max 200 A	- battery terminal & Ring terminal Ø 10 mm
652000	Battery to starter cable	450 mm	35 mm ²	Max 200 A	- battery terminal & Ring terminal Ø 10 mm
654000	Battery to starter cable	500 mm	35 mm ²	Max 200 A	- battery terminal & Ring terminal Ø 10 mm
658000	Battery to starter cable	600 mm	35 mm ²	Max 200 A	- battery terminal & Ring terminal Ø 10 mm
662000	Battery to starter cable	700 mm	35 mm ²	Max 200 A	- battery terminal & Ring terminal Ø 10 mm
666000	Battery to starter cable	800 mm	35 mm ²	Max 200 A	- battery terminal & Ring terminal Ø 10 mm
670000	Battery to starter cable	1000 mm	35 mm ²	Max 200 A	- battery terminal & Ring terminal Ø 10 mm



CABLE CONNECTIONS



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Part no	Description	Length	Cable Size	Load	Connections
708000	Battery to starter cable	200 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm
710000	Battery to starter cable	250 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm
712000	Battery to starter cable	300 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm
714000	Battery to starter cable	350 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm
716000	Battery to starter cable	400 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm
718000	Battery to starter cable	450 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm
720000	Battery to starter cable	500 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm
724000	Battery to starter cable	600 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm
728000	Battery to starter cable	700 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm
732000	Battery to starter cable	800 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm
736000	Battery to starter cable	900 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm
740000	Battery to starter cable	1000 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm
744000	Battery to starter cable	1100 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm
748000	Battery to starter cable	1200 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm
752000	Battery to starter cable	1300 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm
756000	Battery to starter cable	1400 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm
760000	Battery to starter cable	1500 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm
764000	Battery to starter cable	1600 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm
790000	Battery to starter cable	2250 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm
755000	Battery to starter cable	300 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm RED
749000	Battery to starter cable	400 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm RED
759000	Battery to starter cable	500 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm RED
751000	Battery to starter cable	650 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm RED
747000	Battery to starter cable	750 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm RED
753000	Battery to starter cable	1000 mm	50 mm ²	Max 250 A	+ battery terminal & Ring terminal Ø 10 mm RED
763000	Battery to starter cable	200 mm	50 mm ²	Max 250 A	- battery terminal & Ring terminal Ø 10 mm
741000	Battery to starter cable	300 mm	50 mm ²	Max 250 A	- battery terminal & Ring terminal Ø 10 mm
757000	Battery to starter cable	400 mm	50 mm ²	Max 250 A	- battery terminal & Ring terminal Ø 10 mm
745000	Battery to starter cable	500 mm	50 mm ²	Max 250 A	- battery terminal & Ring terminal Ø 10 mm
761000	Battery to starter cable	750 mm	50 mm ²	Max 250 A	- battery terminal & Ring terminal Ø 10 mm
743000	Battery to starter cable	900 mm	50 mm ²	Max 250 A	- battery terminal & Ring terminal Ø 10 mm



Light bulb simulation for LED lights



11700



11713

Part no	Description
11700	12V Free cable ends, without plugs
11701	12V without plugs and only 1 cable out
11707	12V with 7-pole plug & socket
11712	12V, cable 12-wire and 13-pole plug & socket
11713	12V, cable 8-wire and 13-pole plug & socket
11813	24V, cable 8-wire and 15-pole plug & socket
11815	24V, cable 12-wire and 15-pole plug & socket

Many cars experience problems with the car's computer when connecting a trailer with LED lights. These problems are eliminated by mounting a lamp simulator on the trailer.

Trailer light tester with built-in battery



Trailer light tester is used for checking, troubleshooting and repairing lights on trailers and caravans both with incandescent light bulbs and LED lights.

Part no	Description
12150	7-pole socket
12151	13-pole socket
12155	13-pole socket and automatic function change

Spare parts	
Part no	Description
12181	Charger with 5.5 mm DC plug (NEW)
12182	Charger with metal connector (OLD)



Trailer light tester with built-in battery



Trailer light tester is used for checking, troubleshooting and repairing lights on trailers and caravans both with incandescent light bulbs and LED lights.

Part no	Description
12152	7-pole & 13-pole socket
12156	7-pole & 13-pole socket and automatic function change

Spare parts	
Part no	Description
12181	Charger with 5.5 mm DC plug (NEW)
12182	Charger with metal connector (OLD)



Trailer light tester 12V 7-pole & 24V 7-pole



12126

Trailer light tester with DC / DC direct current supply

Trailer light tester is used for checking, troubleshooting and repairing lights on trailers and caravans both with incandescent light bulbs and LED lights.

Part no	Voltage	Plug	Description
12126	12/24 V	7-pole & 7-pole	Connects to 230V mains

Specifications: The cabinet is made of steel and aluminium with the dimensions L:320 x W:225 x H:130 mm, weight 4,3 kg. Comes with 2-meter power cable. It is equipped with automatic short-circuit protection. The output power of 12V sockets is 110W and 24V sockets are 200W DC. With a 7-pole 12V ISO 1724 and a 7-pole 24V ISO 1185 Euro sockets.

Trailer light tester 24V 7-pole & 15-pole

12251



Trailer light tester with DC power supply

Trailer light tester is used for checking, troubleshooting and repairing lights on trailers and caravans both with incandescent light bulbs and LED lights.

Part no	Voltage	Plug Description
12251	24 V	7-pole & 15-pole
12254	24 V	7-pole & 15-pole Special connections on 15-pole socket
12255	24 V	2 x 7-pole N+S & 15-pole All poles are connected in the 15-pin connector
12256	24 V	2 x 7-pole N+S & 15-pole Some of the poles are not connected in the 15-pin connector

Specifications: The cabinet is made of steel and aluminium with the dimensions L:320 x W:225 x H:130 mm, weight 4,3 kg. Comes with 2-meter power cable. It is equipped with automatic short-circuit protection. The output power of the 24V outlet is now 200W DC. With a 7-pole 24V ISO 1185 socket and a 15-pole 24V ISO 12098 socket. Connects to 230V main power.

Trailer light tester 24V 15-pole & 12V 13-pole



Trailer light tester is used for checking, troubleshooting and repairing lights on trailers and caravans both with incandescent light bulbs and LED lights.

Part no	Voltage	Plug	Description
12257	24 / 12 V	15-pole & 13-pole	Connects to 230V main power

Specifications: The cabinet is made of steel and aluminium with the dimensions L:320 x W:225 x H:130 mm, weight 4,3 kg. Comes with 2-meter power cable. It is equipped with automatic short-circuit protection. With a 15-pole 24V and a 13-pole 12V.

Trailer light tester 12V 7-pole & Cobo 3-pole

12132



Trailer light tester for agricultural machinery

Trailer light tester is used for checking, troubleshooting and repairing lights on trailers and caravans both with incandescent light bulbs and LED lights.

Part no	Voltage	Description
12132	12V direct current	Connects to 230V main power

Specifications: The cabinet is made of steel and aluminium with the dimensions L:320 x W:225 x H:130 mm, weight 4,3 kg. Comes with 2-meter power cable. It is equipped with automatic short-circuit protection and an automatic fuse, which switches off if the consumption exceeds 8Amp / 100W from the trailer socket. Connectors: 1 piece 7-pole 12V ISO 1185 and 2 pcs. Cobo 3-pole 12V. Cobo sockets can deliver 2 x 320W. For supplying agricultural machinery.

Test plug & Testline 12V 7-pole



Test plug and Testline for testing trailers / caravans

Part no	Voltage	Poles	Description
12600	12 V	7-pole	Without cable
12650	12 V	7-pole	5 M. cable
12651	12 V	7-pole	10 M. cable
12655	12 V	7-pole	5 M. cable

Delivered in impact-resistant material and is waterproof.
 Testline (Part no 12650&12651 and 12655) are with cable so testing can take place from the driver's seat.

Test plug & Testline 12V 13-pole



Test plug and Testline for testing trailers / caravans

Part no	Voltage	Poles	Description
12710	12 V	13-pole	With flexible top
12720	12 V	13-pole	With WeSt Plug
12750	12 V	13-pole	With 5 M. cable
12770	12 V	13-pole	WeSt Plug & w/5 M. cable

Delivered in impact-resistant material and is waterproof.

Testline (Part no 12750 & 12770) are with cable so testing can take place from the driver's seat.

Testline 12V



12755



12942 Adapter



12001



12775

Testline with load for testing of trailer's / caravan's sockets

Part no	Voltage	Poles	Description
12755	12 V	13-pole DIN 72750	w/5 M. cable
12775	12 V	13-pole WeSt	w/5 M. cable
12001	12 V	13-pole and 7-pole with adapter	Socket test set in case 12755, 12600 and 12945

For testing cars with CAN-BUS systems (also works on cars without CAN-BUS).
 12755 for 13-pole socket, can be used for 7-pole using of adapter (Part no 12942).
 12775 for 13-pole WeSt, can also be used for 7-pole without the use of an adapter.
 With 5 M. cable so testing can take place from the driver's seat.
 Delivered in impact-resistant material.

Test plug 24V for trucks



Test plug for trucks and testing of spiral cable

Part no	Voltage	Poles	Description
12630	24 V	7-pole	Test plug without cable
12631	24 V	7-pole	For testing spiral cable
12900	24 V	5-pole	With switch for the ABS control indicator in the cab
12930	24 V	5-pole	For testing ABS spiral cable
12800	24 V	15-pole	Test plug without cable

Delivered in impact-resistant material.

Testline 24V

12805 & 12855



Trucks with
CAN-BUS

Testline with load for testing of trailer's / caravan's sockets.

Part no	Voltage	Poles	Description
12805	24 V	15-pole	w/1 M. cable
12800	24 V	15-pole	w/10 M. cable

For testing trucks with CAN-BUS systems (also for trucks without CAN-BUS).
 Suitable for 15-pole socket.
 With 10 M. cable so testing can take place from the driver's seat.
 Delivered in impact-resistant material.

Testline 24V



N & S
 PLUG

Testline testing of 7-pole N and 7-pole S Plug.

Part no	Voltage	Poles	Description
12657	24 V	7-pole N & 7-pole S	w/10 M. cable

For testing trucks with CAN-BUS systems w / load.
 With 2 pcs. 7-pole Plug respectively for N & S system.
 With 10 M. cable so testing can take place from the driver's seat.
 Delivered in impact-resistant material.

Trailer converter 24V to 12V

11127



Trailer converter is used for all vehicles with 24V electrical systems, running with 12V trailers.

Part no	Voltage	Cable
11127	24V to 12V	7 conductors a' 1.0 mm ² + 1 ground a' 2.5 mm ²

Specifications: Trailer converter is protected against: short circuit, overload and fault polarization. With lamp simulation for activating the trailer's indicator light (C2) in the cab, in the event of a short circuit or ground falling off, the control lamp (C2) goes out. When the trailer is short-circuited / overloaded, the trailer converter automatically interrupts the faulty function. When the short circuit is removed, the function in question works again.

Input voltage:	24V (20-32V)
Output voltage:	13.8V RMS 130Hz. (With 28V input)
Efficiency:	Indicator outputs 90% Other outputs 95%
Operating temperature	- 25° C to + 65° C
Dimensions:	L. 105mm / W. 110mm / H. 43mm
Turn signal output	2 x 21W
Backlight	2 x 30W
Fog taillight	1 x 42W
Reversing light	1 x 42W
Brake light	1 x 42W
Waterproof (IP65)	Aluminium profile

Relay box P60 Trailer 24V > 12V



Relay box is used for all vehicles with 24V electrical systems, running with 12V trailer.

Part no	Voltage	Protection
11105	24V	Synthetic IP55

Specifications: Waterproof junction box and relay box in one for exterior mounting. Supplied with 12 volts either from a 24-12 V converter, or, for non-continuous use, from a 12-volt battery.

Control voltage:	24 V
Supply voltage:	12 V
Output voltage:	12 V
Current per relay:	8 A
Power per relay:	200 W
Dimensions:	L. 157 mm / W. 100 mm / H. 59 mm
Weight:	0.38 kg
Material:	Synthetic

Accessories	
Part no	Description
11105H	Print for relay box P20 11105 24V
A211105	Junction box empty 100 x 100 x 59 mm

Relay box P60 Trailer 12V > 12V

11106



Relay box is used for all 12V vehicles with "thin" wiring harness, that runs with 12V trailer.

Part no	Voltage	Protection
11106	12 V	Synthetic IP55

Specifications: Waterproof junction box and relay box in one for external mounting. For 12V vehicles, 4-5 relays are used in the box, which is controlled by the existing 12V.

Input voltage:	12 V
Output voltage:	12 V
Current per relay:	8 A
Power per relay:	200 W
Dimensions:	L. 157 mm / W. 100 mm / H. 59 mm
Weight:	0.38 kg
Material:	Synthetic

Accessories

Part no	Description
11106H	Print for relay box P20 11106 24V
A211105	Junction box empty 100 x 100 x 59 mm

Brake pedal pressure meter



13020



Brake pedal pressure meter measure the pedal force during brake test and are suitable for use with roller brake testers and other special applications in the automotive industry. Can also be used to test the pressure capability of people with reduced function in the legs.

Part no	Description
13020	Standard
13025	With analog voltage output

Specifications: The Pedal Force Instruments measure the actual pedal force and the measurement is displayed on the 3½ digit L.C.D. display.
 Function selector: Actual pedal force. Maximum pedal force with display-hold function.
 By switching to the “Hold” function the instrument displays the maximum pedal force applied during test.
 Zero adjustment for the display on the front panel.
 The sensor is easily attached to the brake pedal by means of a strong rubber strap.

Measuring range:	0-150 daN (kp)
Linearity:	0.7% 0-100 dN
Temperature coefficient:	0.2% pr. 10°C
Temperature range:	0-60° C
Sensor dimensions:	65 x 52 x 32 mm
Cable:	2 meters spiral cable
Cabinet dimensions:	L:160 W:80 H:60 mm
Weight:	Nr. 13020: 0.7 kg
Batteries:	8 x 1.5V, Type LR06
Battery indicator:	LO bat display
Battery life:	About 60 hours

Part no	Brake pedal pressure sensor	
13210	Without amplifier	
13220	With amplifier	

Brake pedal pressure meter

13060



Brake pedal pressure meter measure the pedal force during brake test and are suitable for use with roller brake testers and other special applications in the automotive industry.

Can also be used to test the pressure capability of people with reduced function in the legs.

Part no	Description
13060	Automatic turn off function

Specifications: The Pedal Force Instruments measure the actual pedal force and the measurement is displayed on the 3½ digit L.C.D. display.

Function selector: Actual pedal force. Maximum pedal force with display-hold function.

By switching to the “Hold” function the instrument displays the maximum pedal force applied during test.

Zero adjustment for the display on the front panel.

The sensor is easily attached to the brake pedal by means of a strong rubber strap.

Measuring range:	0-150 daN (kp)
Linearity:	0.7% 0-100 dN
Temperature coefficient:	0.2% pr. 10° C
Temperature range:	0-60° C
Sensor dimensions:	65 x 52 x 32 mm
Cable:	2 meters spiral cable
Cabinet dimensions:	L:150 W:80 H:30 mm
Weight:	Nr. 13060: 0.58 kg
Batteries:	1-piece 9V, Type 6LR61
Battery indicator:	LO bat display
Battery life:	About 20 hours
Automatic turn off time:	4 minutes

Part no	Brake pedal pressure sensor	
13210	Without amplifier	
13220	With amplifier	

Spare parts & Installation materials



12181

- Charger for 12150 series w. 5.5mm DC-Plug.
- For new instruments.



12182

- Charger for 12150 series w. metal plug.
- For older instruments. (Until jan 2016).



12180

- Battery for 12150 series.
- For 12150,12151,12152,12155,12156.



12280

- Switch for Trailer light tester.
- With the functions 1-0, emb. hole: 28.2x11.5mm.



12281

- Switch for Trailer light tester.
- With the functions 1-0-1, emb. hole: 28.2x11.5mm.



12282

- Thermal fuse for Trailer light tester.
- For 12150 series.



E312500

- Glass fuse 5x20mm. For Trailer light tester.
- Time lag 2.5A.

Spare parts & Installation materials



12901

- Power supply AC/DC, 12V/100W/8Amp.
- For Trailer light tester, (12126).



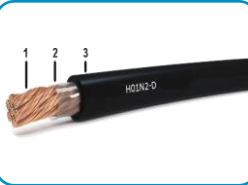
12902

- Power supply AC/DC 24V/200W/8Amp.
- For Trailer light tester, (12251).



A731200

- Rubber strap, Red, 250 x 24 x 3.2 mm.
- For brake pedal pressure gauge fod.



Flexible rubber cable H01N2-D

- 301260-25 = 1x16 mm². Wires 0.21 mm
- 302260-25 = 1x25 mm². Wires 0.21 mm
- 303260-25 = 1x35 mm². Wires 0.21 mm
- 304260-25 = 1x50 mm². Wires 0.21 mm



12941

- Adapter 12V. Plastic.
- 13-pole Plug (male) to 7-pole socket (female).



12942

- Adapter 12V. Plastic.
- 7-pole Plug (male) to 13-pole socket (female).



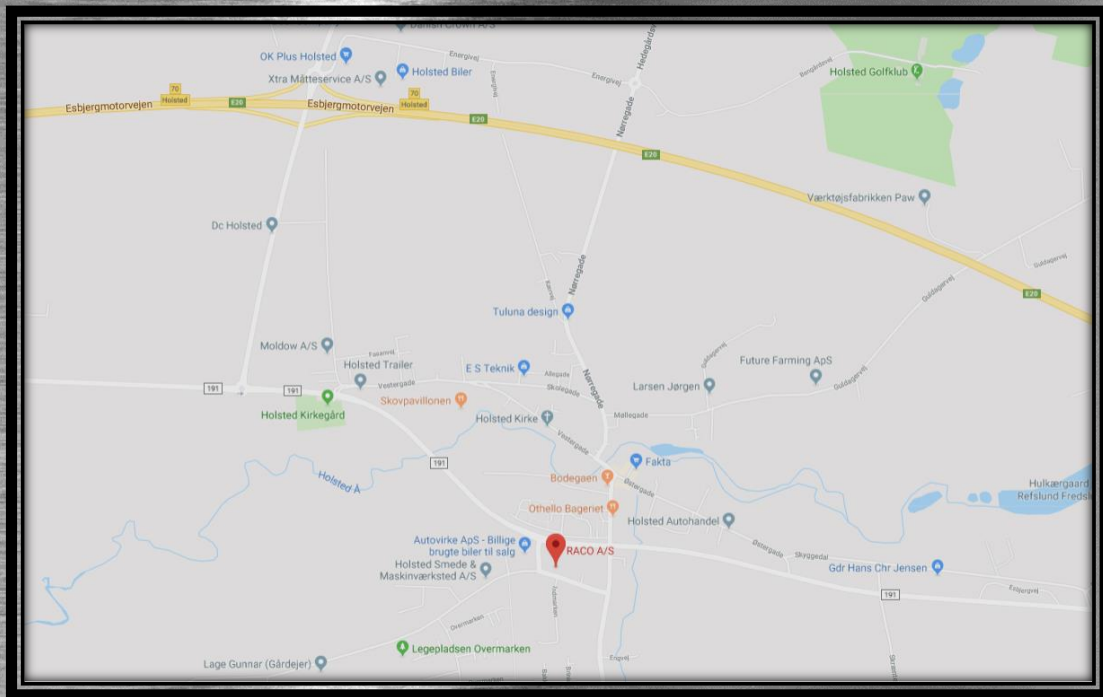
12945

- Adapter 12V. Plastic.
- 13-pole WeSt Plug (male) to 13-pole socket (female).

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