

The Adviser



INFORMATION FOR THE VW PARTS SERVICE



26

MAY 1962

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Illustration:
Rationalized shipment of parts to overseas in standardized containers.



To the Parts Manager

Have you ever thought of ways and means of increasing your parts turnover? Of course you have, because this is one of your important tasks and we know that you have not arrived at the conclusion that "nothing can be done about it".

We do not mean an increase in turnover as a result of the additional number of new Volkswagens on the road. What we do mean, however, is an increase which is based on your efficiency and activity. We want to help you. Obviously there are certain limits as far as an increase in business is concerned. If a customer's car is in "perfect order" not even the most suitable words will prompt him to buy parts. But this is where we think you should start. What is meant by "my car is in perfect order?" Perhaps the fuel consumption is normal, the performance is good and the brakes are very efficient. However, is there not a dent in the right-hand front fender, are not spots of rust showing on the rear bumper? With a certain amount of goodwill it should be possible to sell a new fender and bumper. Appeal to the customer's sense of pride and you will be successful. Nobody likes it said of him "Mr. Jones does not seem to be the fussy type because he has been driving around for weeks with a dented fender".

You will also be successful as far as the sale of parts which affect the comfort of a vehicle are concerned. Many parts which were classified as accessories are now standard fittings. There are numerous customers who would like to drive the latest model but who have not got the money to do so. These customers usually show

great interest in parts which have become part of the standard equipment. Further sales hints are given overleaf in the article "parts for service installation". The theme "safety in traffic" is also very important. We are sure that every sensible VW owner would appreciate your contributing to his safety by offering to sell him a windshield washer, a set of safety belts or an anti-theft device.

How can a noticeable increase in turnover be brought about? First and foremost you must realize that this requires additional activity on your part. Much success has been achieved by selecting a certain theme, e. g. "safety", "comfort" etc. and carrying out a carefully thought-out campaign. The first step will be to announce and show the customer what you can offer him. Customers have often been heard to say "If I had only known that I would have long since bought it".

Posters, prospectuses, advertisements, display windows and showcases can be a great help. By the way have you read the article called "Advertising for Genuine VW Parts" in Adviser 25? We are glad you have. Has it prompted you to set up your own showcase or display window? You will find that they are a good introduction to the ensuing sales discussion. You will be able to convince the customer and sell him the parts. And yet another useful hint: Just as in your case the service adviser also is in very close contact with the customers. You would, therefore, be well advised to keep him well in the picture about your aims and sales policy. It will thus be a mutual effort and a further step towards increasing your parts turnover.

Parts

for Service Installation



With effect from August 1961 all Volkswagen models have been improved further still. Among other things, Types 1 and 3 have been equipped with a pneumatic windshield washer. The taillights have been improved, the Passenger Car models are fitted with safety belt mounting points and the fuel gauge is now standard equipment.

To facilitate your work we have drawn up a list of the more important new parts on the next page which we feel will be of great assistance to you as far as your sales efforts are concerned.

Have you thought up ways and means of making the sale of these parts easier? You will, of course, have realized that you cannot afford to wait until the customer approaches you. It is up to you to approach him and to draw his attention to that which you are offering for sale. Of course you cannot be expected to speak to every VW owner directly who enters your establishment. Here are, however, numerous sales aids which, if they are correctly employed, will attract the customer's attention and interest.

Good sales promotion results can be achieved by showing parts in showcases and display windows. Offer the particular part you wish to sell, for instance, the pneumatic windshield washer for sale in the customer's waiting room or in the reception. Place a card beside the object which clearly states the price and other details and make brochures available so that the customer can provide himself with the necessary information.

A very important factor is the contact between yourself and the new car salesmen. Many VW owners enter the salesroom to have a look at the 1962 model which is on display. This can be a very favourable opportunity for selling additional parts to the customer. Not every one of the onlookers will place an order for the latest model immediately; many of them, however, would like to have some particular part fitted to their Volkswagen. Very often you merely have to overcome some slight objection raised by the customer which, however, can be very decisive. The customer will go away if there is nobody on the spot to eliminate his doubts convincingly. The new car salesman is very suited for this task or at least he can pass the customer on to you. However, since the salesman does not get provision for selling parts he will only do this if you are on very good terms with him. If you make the necessary efforts you will be able to clinch many additional deals.

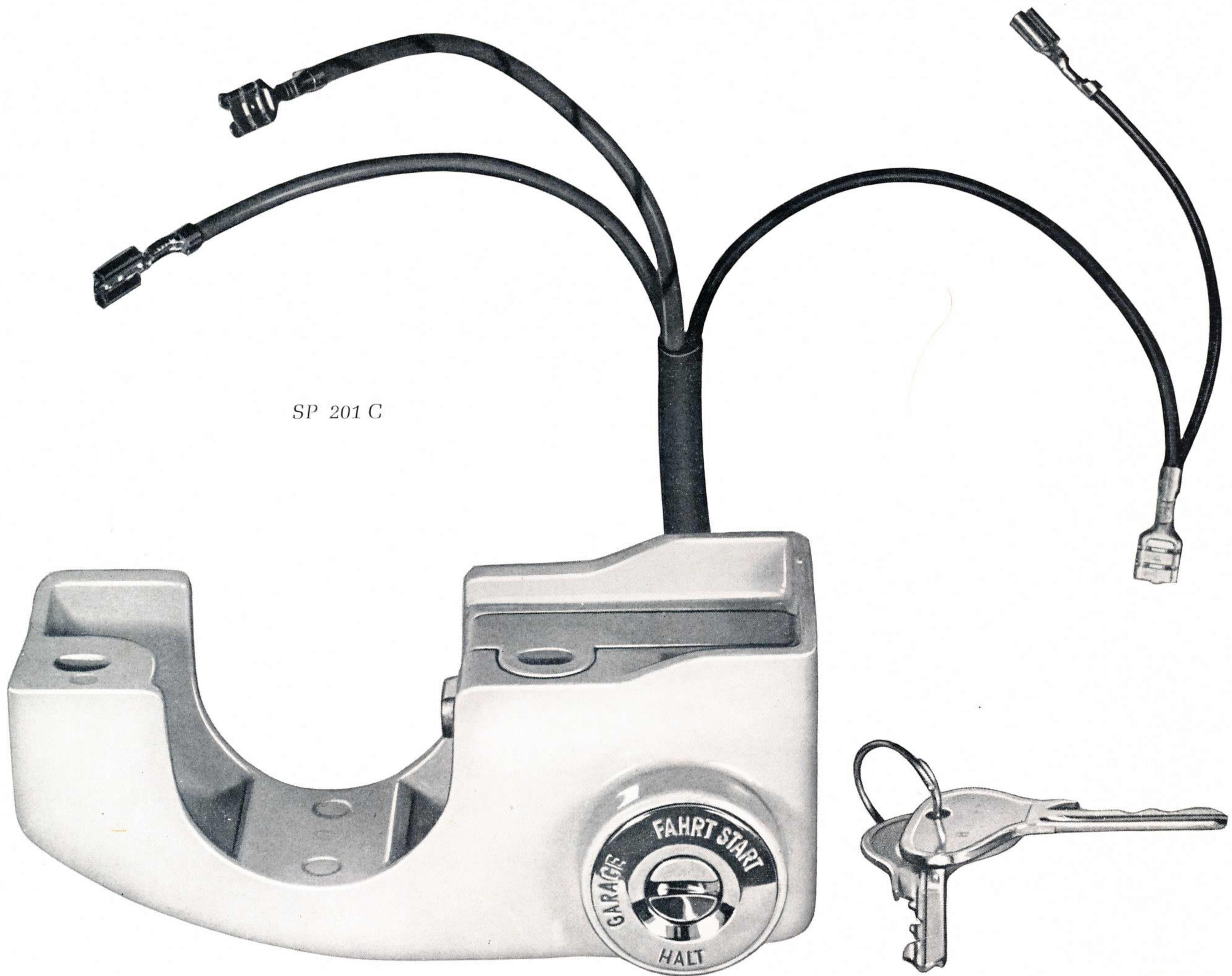
This also refers to the relationship between yourself and the used car salesmen. There certainly are numerous used car customers who would like to add to the comfort and appearance of their cars. Let these salesmen know what parts they can offer for sale.

Now one final word of advice: Enter in the prices and installation charges on the following pages. This will be an invaluable aid when carrying out a sales talk with the customer.

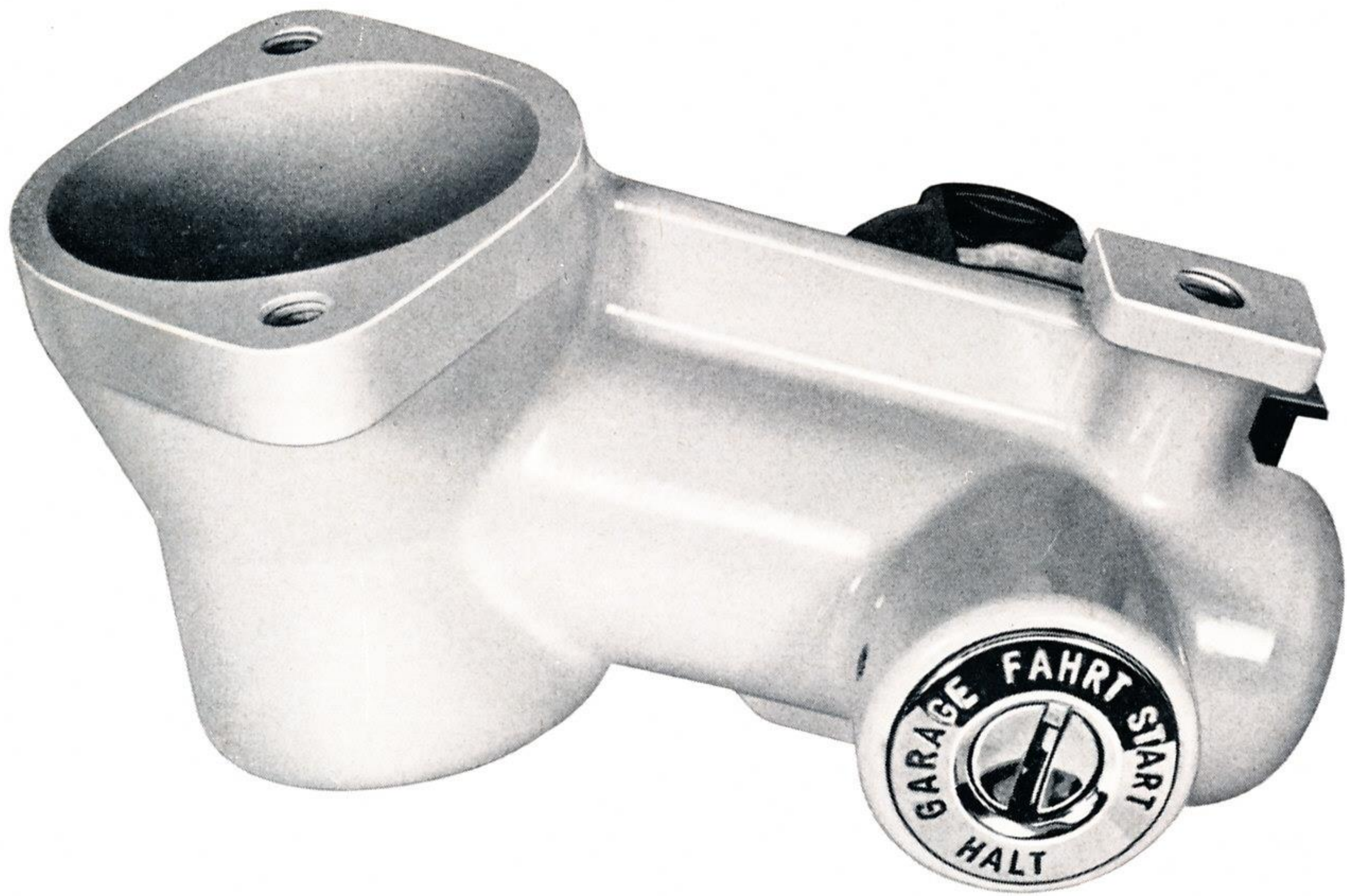


Anti-theft Devices

Part No.	Description	Suitable for model	Service installation described in	Price / Installation price	Remarks
SP 201 B	Steering-ignition lock for service installation	111–118, 151, 152	Technical Bulletin Z 11		Installation possible from Chassis No. 000 001 (for RHD only from Chassis No. 1 600 440)
SP 201 C	Steering-ignition lock	111–118 151, 152			Installation possible from Chassis No. 1 600 440
211 905 851 B (M 56)	Steering-ignition lock	Type 2 all models	Technical Bulletin Z 5		
111 016 051 A	Gearshift lock "Sperrwolf"	Type 1 all models	Technical Bulletin Z 6		Installation possible up to Chassis No. 1–397 022



SP 201 C



211 905 851 B



SP 201 B



111 016 051 A



A

Anti-theft Devices

Part No.	Description	Suitable for model	Service installation described in	Price / Installation price	Remarks
113 016 051	Gearshift lock "Sperrwolf"	Type 1 all models	Technical Bulletin Z 6		Installation possible from Chassis No. 1-397 023 up to Chassis No. 4 289 951
113 016 051 A	Gearshift lock "Sperrwolf" with ignition-starter switch	Type 1 all models	Technical Bulletin Z 6		Installation possible from Chassis No. 1-397 023 up to Chassis No. 4 289 951
113 016 051 C	Gearshift lock "Sperrwolf" with ignition-starter switch	Type 1 all models	Technical Bulletin Z 6		For tapered gearshift lever only (current from Chassis No. 4 289 952)
113 016 051 B	Gearshift lock "Sperrwolf" with ignition-starter switch	Type 1 all models	Technical Bulletin Z 6		For Saxomat
211 016 051	Gearshift lock "Sperrwolf"	Type 2 all models	Technical Bulletin Z 5		



113 016 051



113 016 051 A





113 016 051 B



211 016 051



B

Fuel Gauges

Part No.	Description	Suitable for model	Remarks
271 919 031 B	Fuel gauge		
271 919 051 B	Tank unit	Type 2 all models	Installation possible from Chassis No. 20-117 902
271 919 125	2 gaskets		



271 919 031 B



271 919 051 B



271 919 125



Taillights

Part No.	Description	Suitable for model	Service installation described in	Price / Installation price	Remarks
111 945 095 F	1 stop and taillight, left				
111 945 096 F	1 stop and taillight, right	111-118, 151, 152	Technical Bulletin E 12 Supplement 2, in conjunction with Technical Bulletin E 12		Service installation possible
111 945 191 E	2 gaskets				
311 971 913	grommet				
N 17 737 1	2 bulbs				
N 17 731 1	2 bulbs				



111 945 095 F



111 945 096 F



111 945 191 E



N 17 731 1

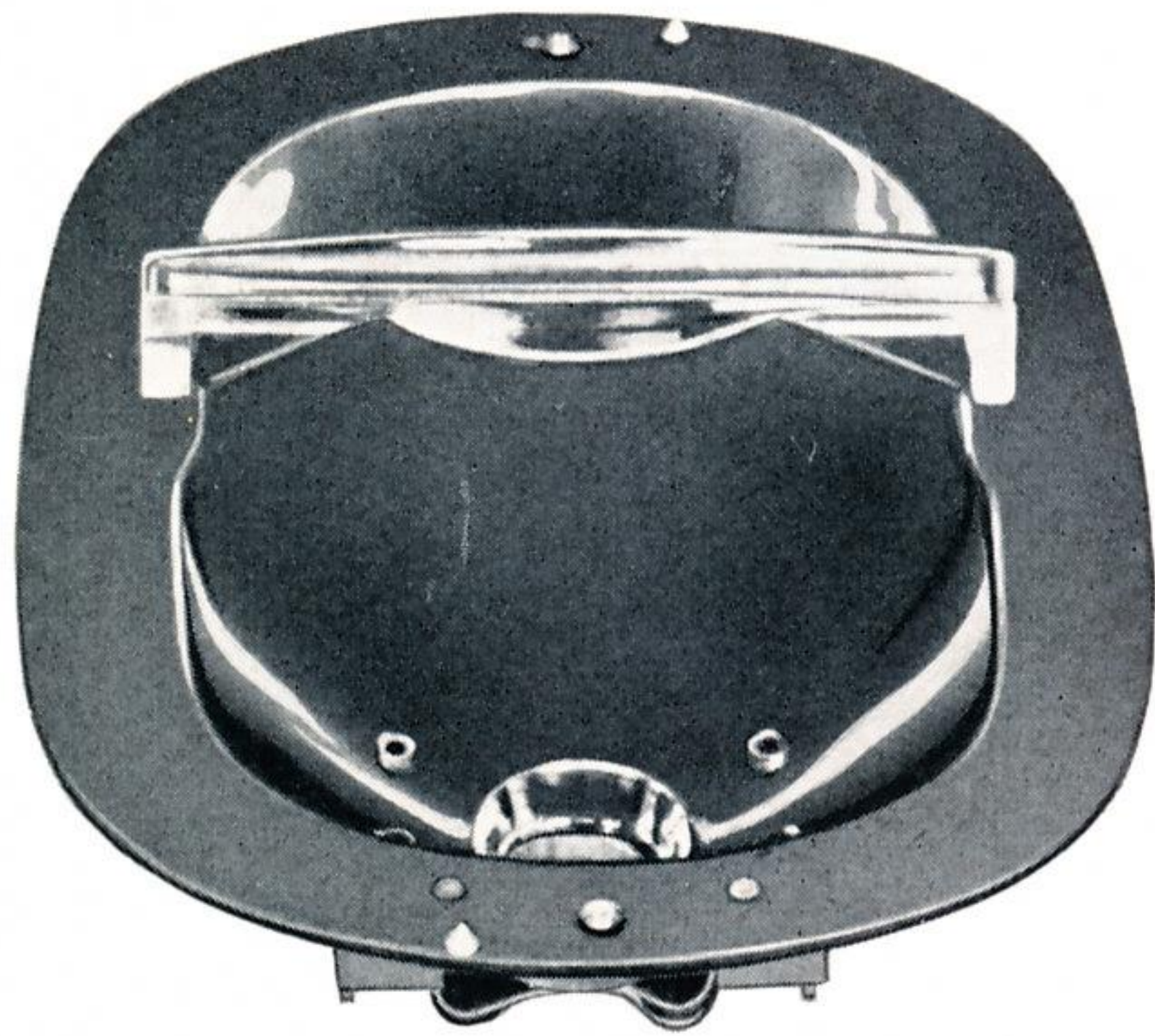


N 17 737 1



Taillights

Part No.	Description	Suitable for model	Service installation described in	Price / Installation price	Remarks
211 945 237 E	2 bulb holders	Type 2 all models	Technical Bulletin E 11, Supplement 2, in conjunction with Technical Bulletin E 11		Service installation possible
211 945 241 D	2 lenses				
211 945 245 B	2 gaskets				
N 17 737 1	2 bulbs				
N 17 731 1	2 bulbs				



211 945 237 E



211 945 241 D



211 945 245 B



N 17 731 1

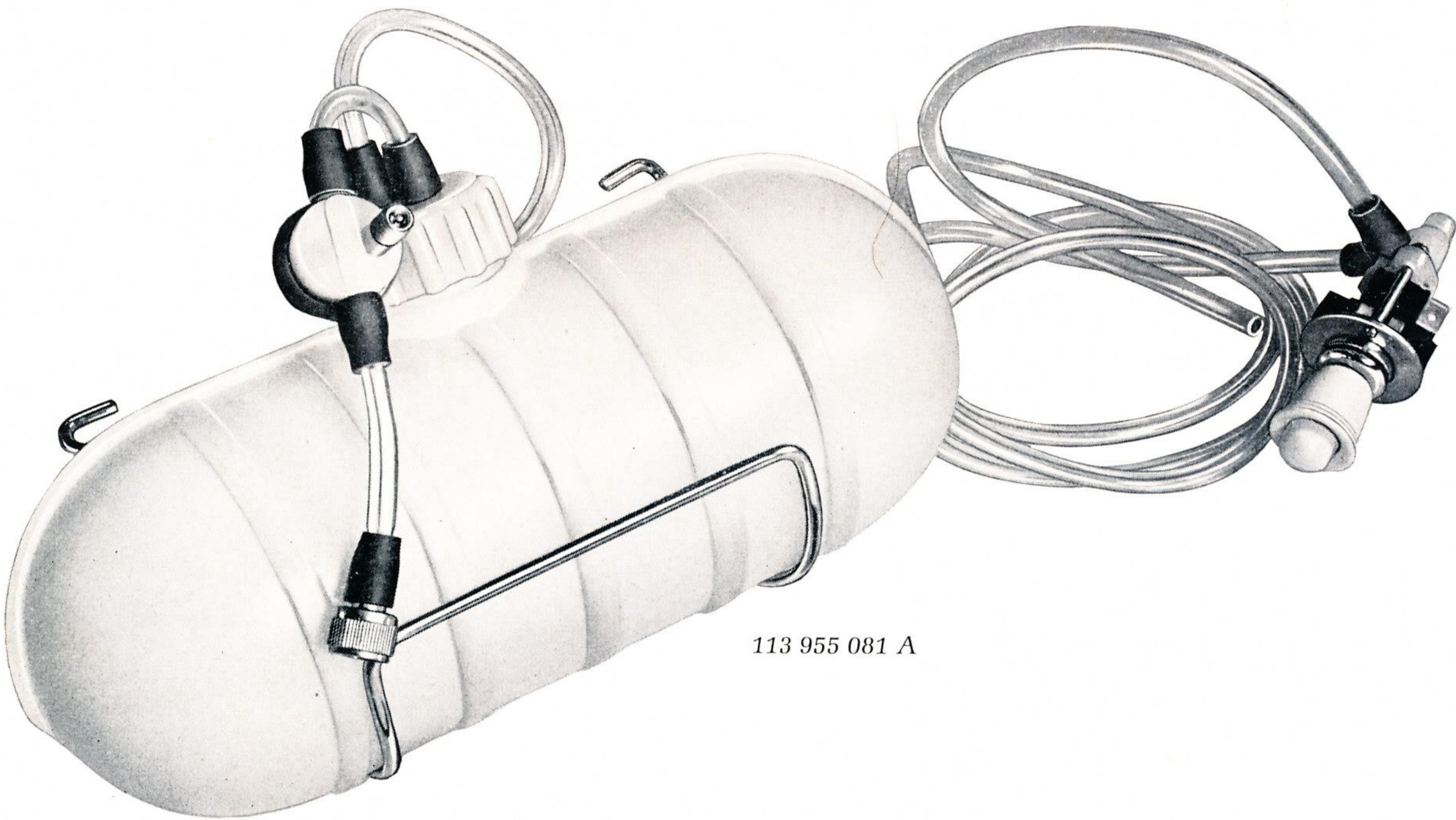


N 17 737 1

D

Windshield Washer, pneumatic

Part No.	Description	Suitable for model	Service installation described in	Price / Installation price	Remarks
113 955 081 A	Windshield washer, pneumatic, complete	Type 1 all models	Technical Bulletin Z 13, Edition 1961		Service installation in all Volkswagens possible. A hose with valve (Part No. 113 955 971), available as an accessory can be connected between spare wheel and water container. Installation instructions: Workshop Bulletin E 76 Use twin jets 113 955 985 also



113 955 081 A



Heating at fool level in front and rear

Part No.	Description	Suitable for model	Service installation described in	Price / Installation price	Remarks
113 255 961 B	Slide, front left	111–118,	Workshop Bulletin A 35		Installation possible from Chassis No. 1 385 974
113 255 962 B	Slide, front right				
113 255 965	2 Tensioning wires				
113 801 119	2 Runners				



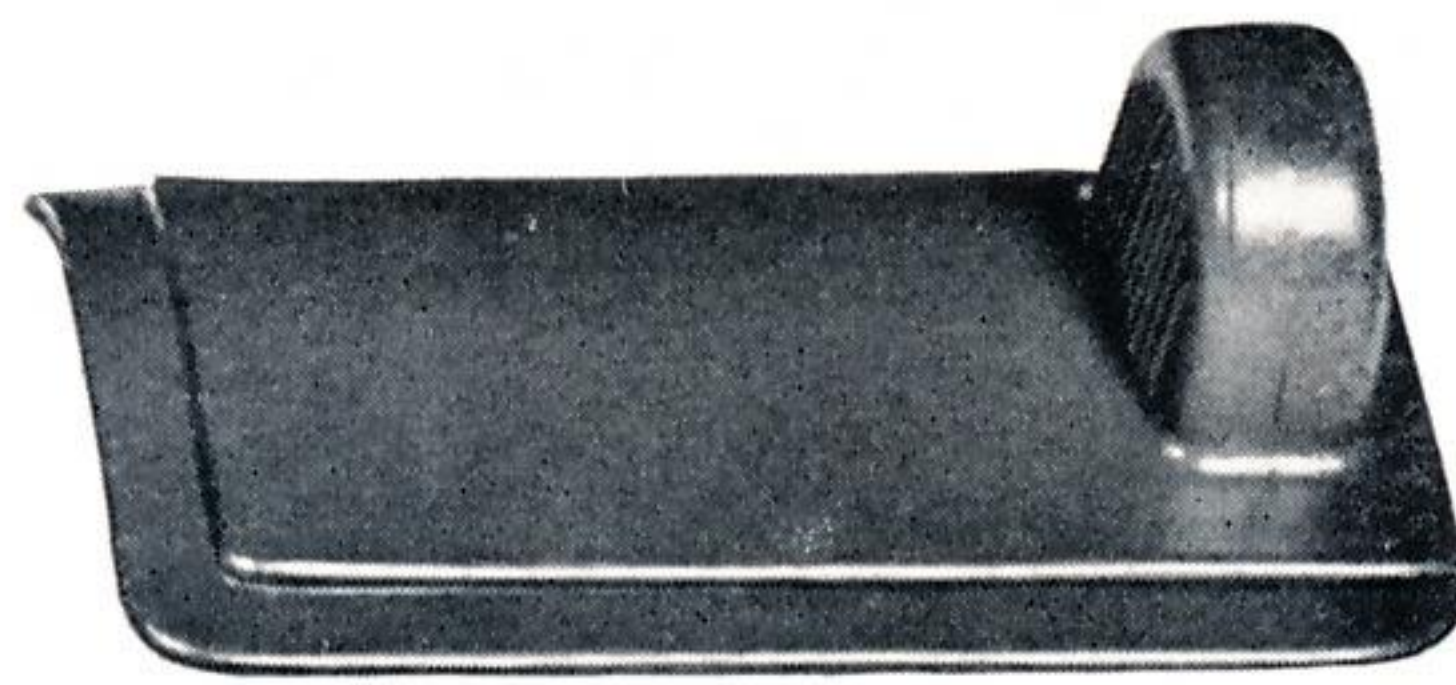
113 255 961 B



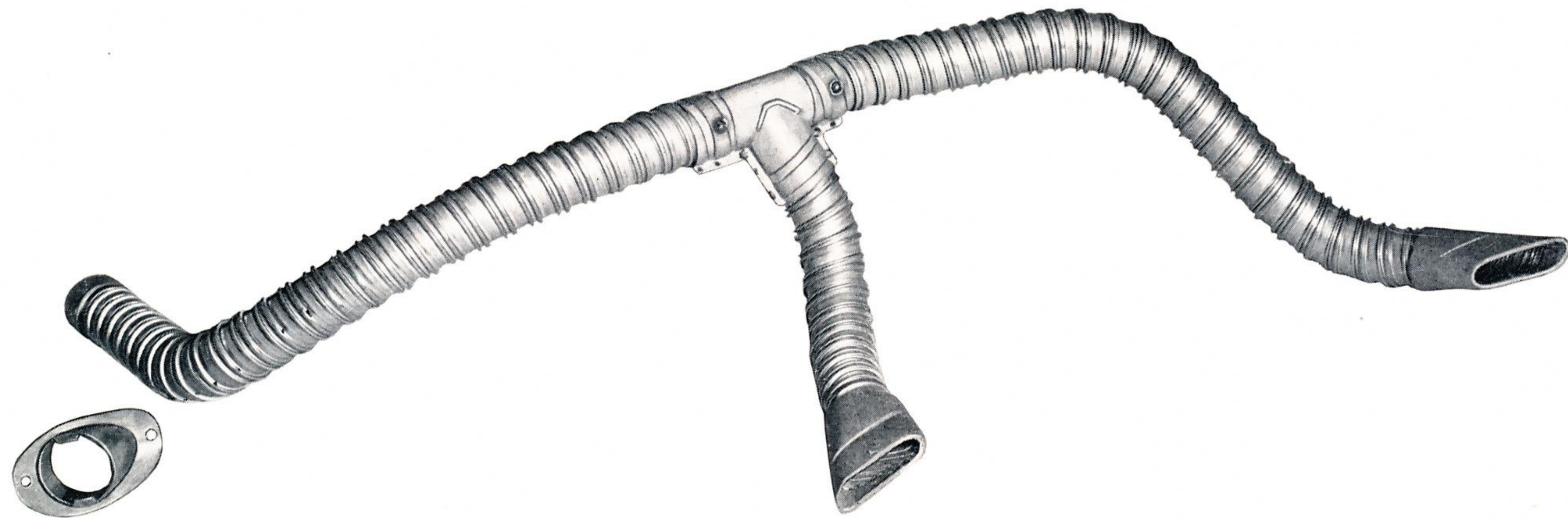
113 801 119



113 255 965



113 255 962 B



113 255 515 A

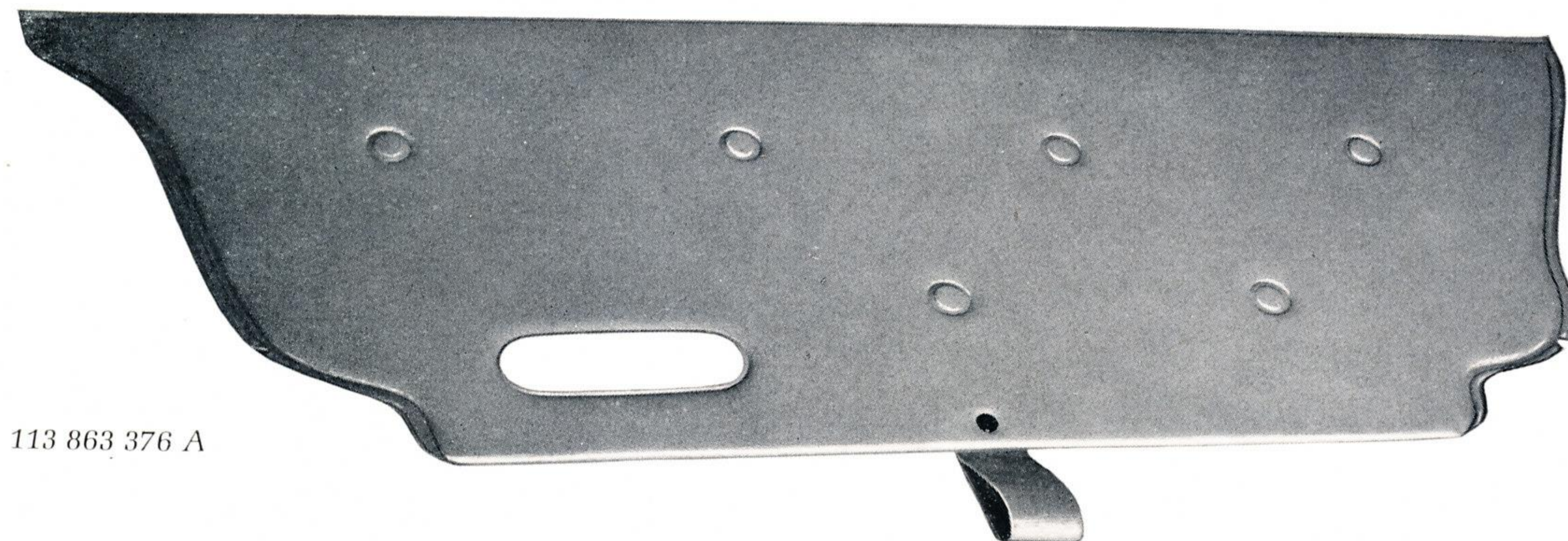


113 255 511

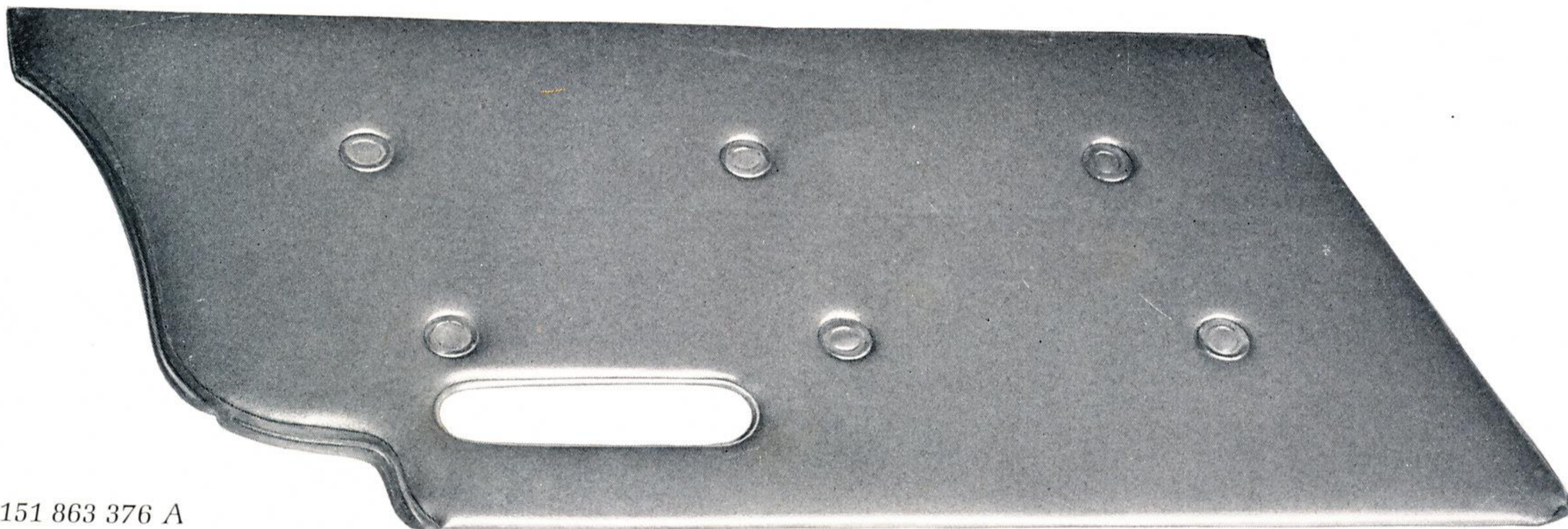


Heating at foot level in front and rear

Part No.	Description	Suitable for model	Service installation described in	Price / Installation price	Remarks
113 701 453	2 Supports				
113 255 511	Adaptor				
113 255 515 A	Hose — Foot level heating				
113 863 387	2 Sealing felts				
N 10 215 4	4 Bolts, hex. head M 6x15				
N 11 006 2	4 Nuts M 6	111–118, 151, 152	Technical Bulletin A 22		Installation possible from Chassis No. 3 060 711
N 12 006 2	8 Lock washers B 6				
N 13 969 1	4 Tapping screws, fillister head B 4.8x16				
N 12 004 1	Lock washers B 4				
	2 metal strips 15x1x150 (local manufacture)				
113 863 376 A	2 Kick boards	111–118,	Technical Bulletin A 22		Installation possible from Chassis No. 3 060 711
151 863 376 A	2 Kick boards	151, 152			



113 863 376 A

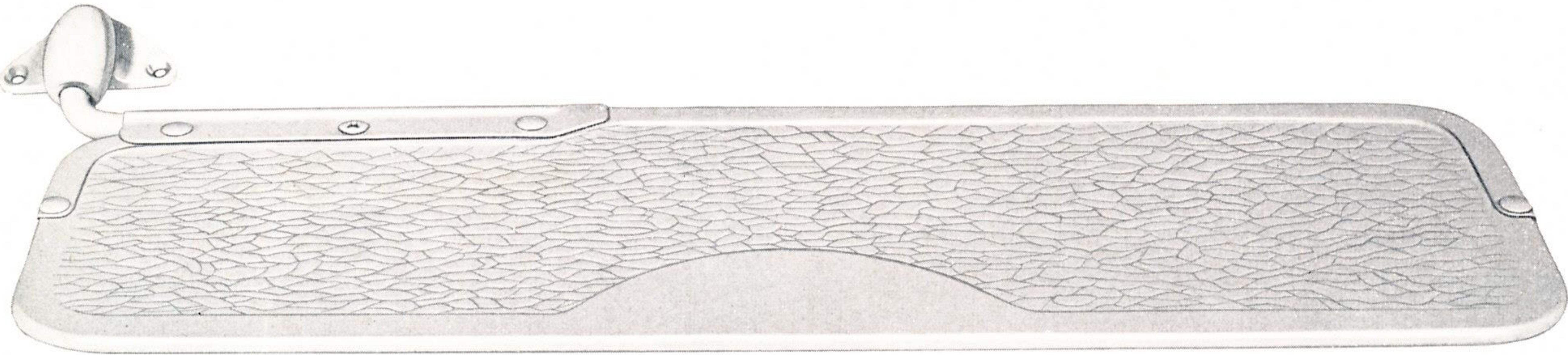


151 863 376 A

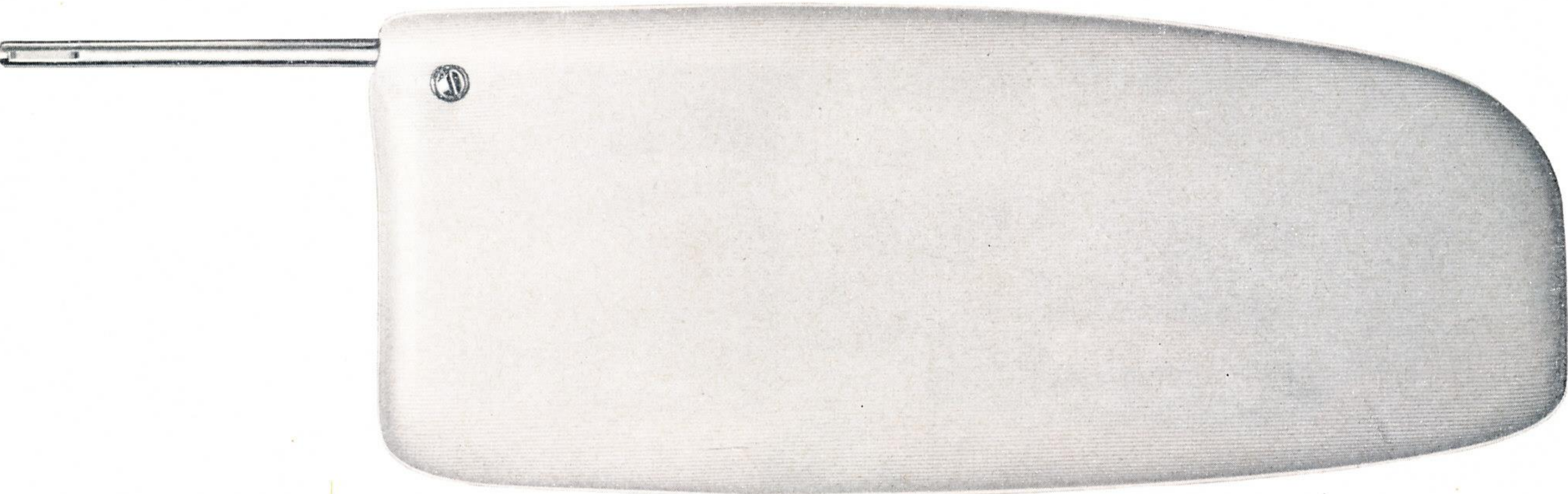


Sun Vizer for Passengers

Part No.	Description	Suitable for model	Service installation described in	Price / Installation price	Remarks
211 857 551 A	Sun vizer	Type 2 all models	Workshop Bulletin A 34		Service installation possible in all vehicles
113 857 552 A	Sun vizer for passenger	Type 1			Service installation possible from Chassis No. 2 528 668 (quote colour)



211 857 551 A



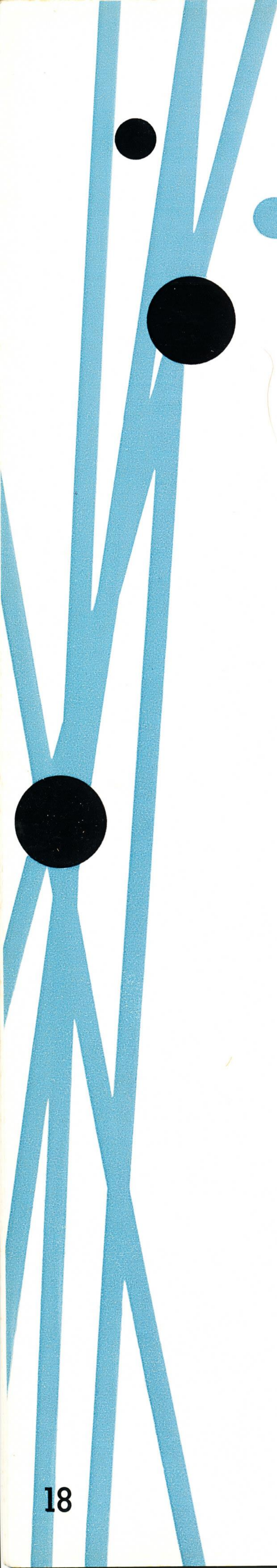
113 857 552 A



Grab Handles

Part No.	Description	Suitable for model	Service installation described in	Price / Installation price	Remarks
221 883 807 221 883 809	Grab handle, complete, for passenger compartment	Types 221–244	Technical Bulletin A 10 Supplement 1		Service installation possible in all vehicles
151 857 641	Grab handle for passenger	111–118, 151, 152			Service installation possible up to Chassis No. 1 600 439
151 857 641 B	Grab handle for passenger	111–118, 151, 152			Service installation possible from Chassis No. 1 600 440





● PLASTICS

IN THE

and how they are made

VOLKS-

WAGEN

Articles made from plastics are for ever on the increase in the home and in industry. This is hardly to be wondered at when one considers that the innumerable plastics with their extremely wide variety of properties are often cheaper to produce and more practical to use than conventional materials such as wood, steel or other metals. In addition to this, plastic parts serve their purposes much better because they are less troublesome and often need absolutely no maintenance.

In this article there is only space to deal with those plastic parts which are used in automobile manufacture. Even today the road vehicle still presents an outward appearance of steel, glass and chrome and little change in this respect is to be expected in the future. Bodies built of plastic are sometimes illustrated and described in the press but so far it has not been possible to produce them in series. The solution of this problem is hindered much more by economic difficulties than by technical problems. On the other hand a glance at the interior of a vehicle is enough to astonish a person with regard to the number of features to which the use of plastics can be applied nowadays.

Nearly all the plastic parts fitted to the whole of the range of VW vehicles such as the instrument panel, gearshift lever, heating control knobs and the bushes on the front axle beam are made in the most modern presses and injection equipment in the Volkswagen factory's own plastic press shops. The precision with which some 16 000 front axle beam bushes are manufactured each day is particularly worthy of note. The tolerance allowed on the diameter is only about 50 μ ($1 \mu = .000039''$).

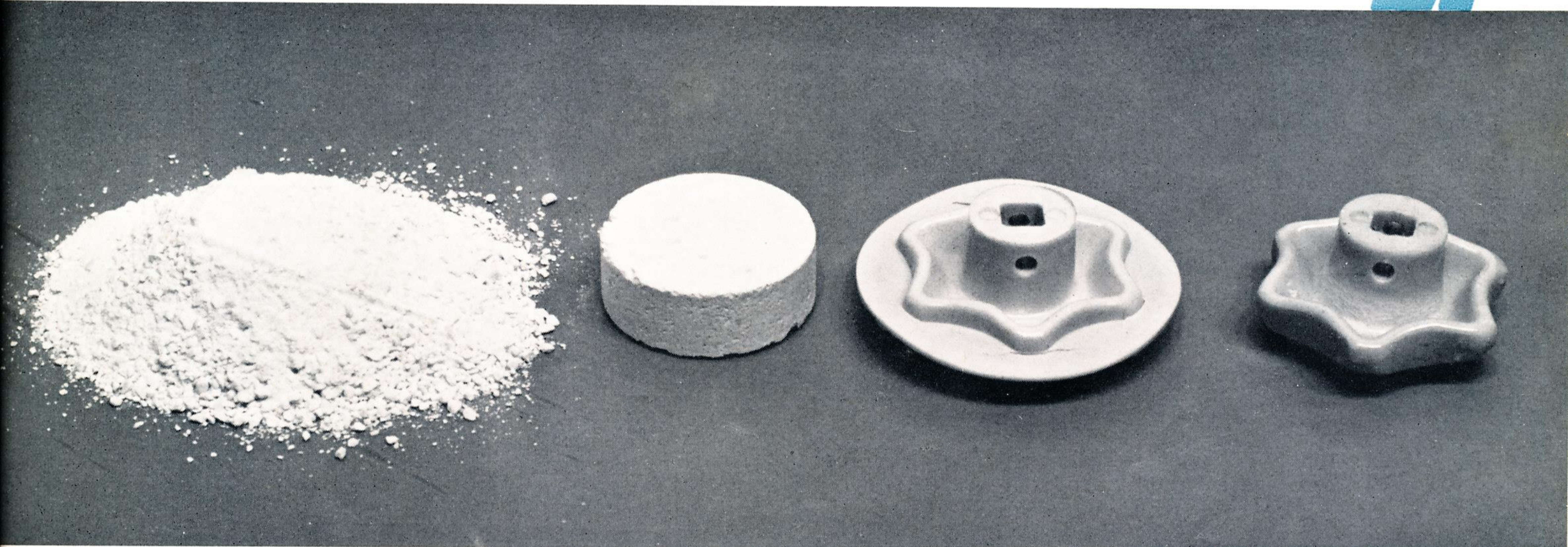
Resin shot is used in the plastic presses. This shot consists of a mixture of about equal proportions of synthetic resin and wood powder or cellulose according to requirements.

The shot has the property of setting to a solid, practically insoluble and unsoftenable state by chemical action when heat is applied. Two different type of shot are used in the Volkswagen factory. One of these is the phenollic resin type which has a reddish brown shade and is only suitable for dark coloured parts. As against this, urea resins can be used to make parts in any color between white and black. We therefore differentiate between the phenol resins and the urea resins (aminoplasts).

The moulding powders are delivered to us in granular form and are pressed into shot form in pellet machines. The weight of the pellets corresponds exactly to the weight of the finished article. The pellets are next warmed to between 60° and 80° C (140° – 175° F) in high frequency equipment in order to shorten the heating process in the moulds and accelerate the pressing rate. In this way more effective use is made of the presses and equipment. After prewarming, the tablets are inserted into electrically heated moulds for up to 16 units according to the size of the part. The moulds are then fed to the presses and the shot further heated in the mould (up to between 140° – 160° C or 285° – 320° F according to the moulding powder used). This converts the shot to a semi-fluid state and a mould pressure of up to 500 kg/cm^2 (7.120 psi) distributes it evenly throughout the mould which is left closed until curing of the resins is complete. This takes up to 4 or 5 minutes according to the size of the part and its thickness. When the press is opened the parts are ejected from the mould.

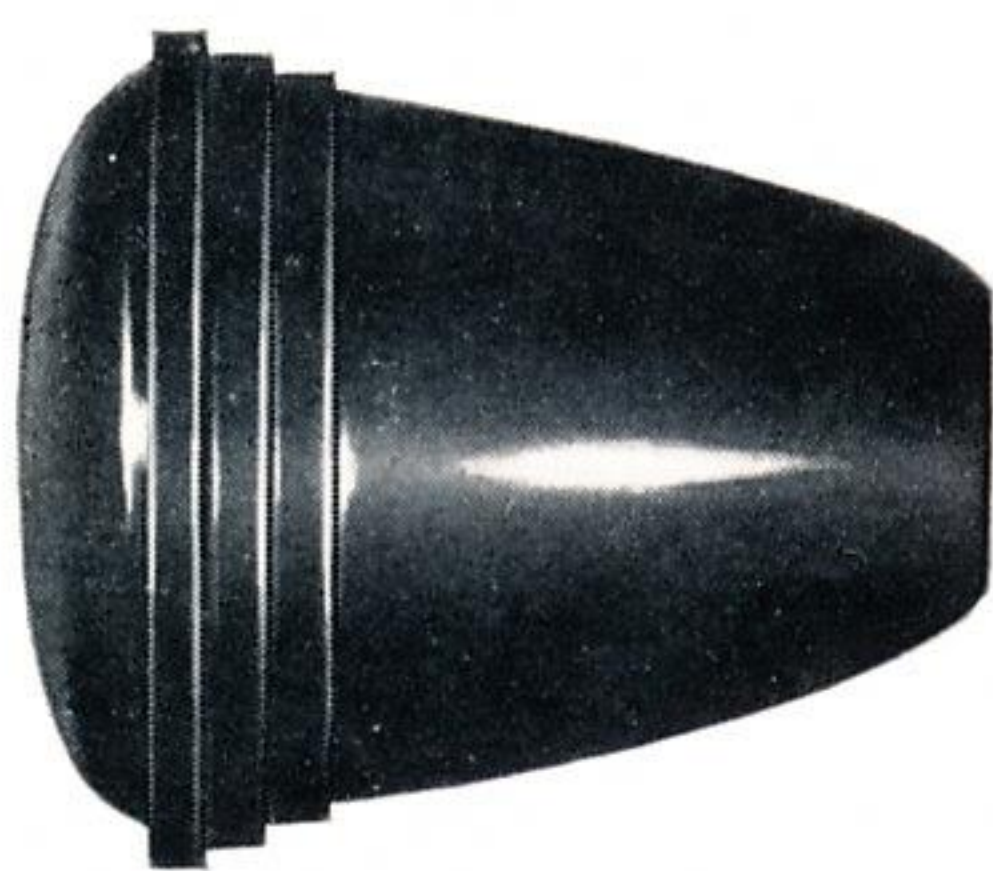
In injection plastic plants, thermoplastics of various types are used (polyamide, polyethylene, polypropylene, cellulose acetate). Thermoplastics are materials which plasticize under heat. They are injected at pressures of around 1000 atmospheres in fluid form into sealed moulds and cooled.

Following both the pressing or injection moulding of plastic parts there is no need to do anything further to the parts beyond removal of the burrs left at the junctions of the mould faces. This is generally done with machines and, in the case of small parts, with revolving drums. Finally the parts have to be buffed with wood and polishing compound to smooth out the roughness left when removing the burrs.

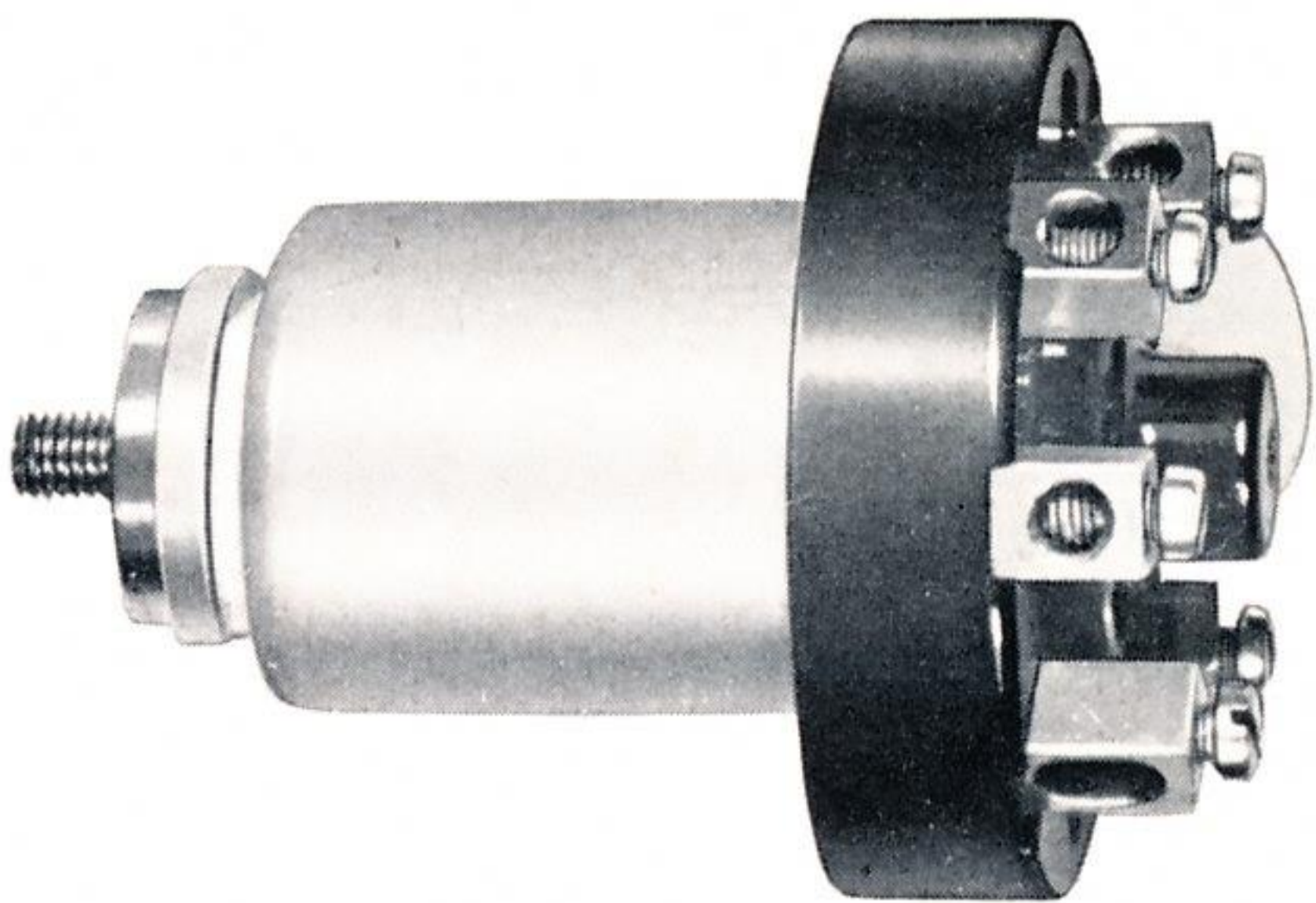


Lighting Switches

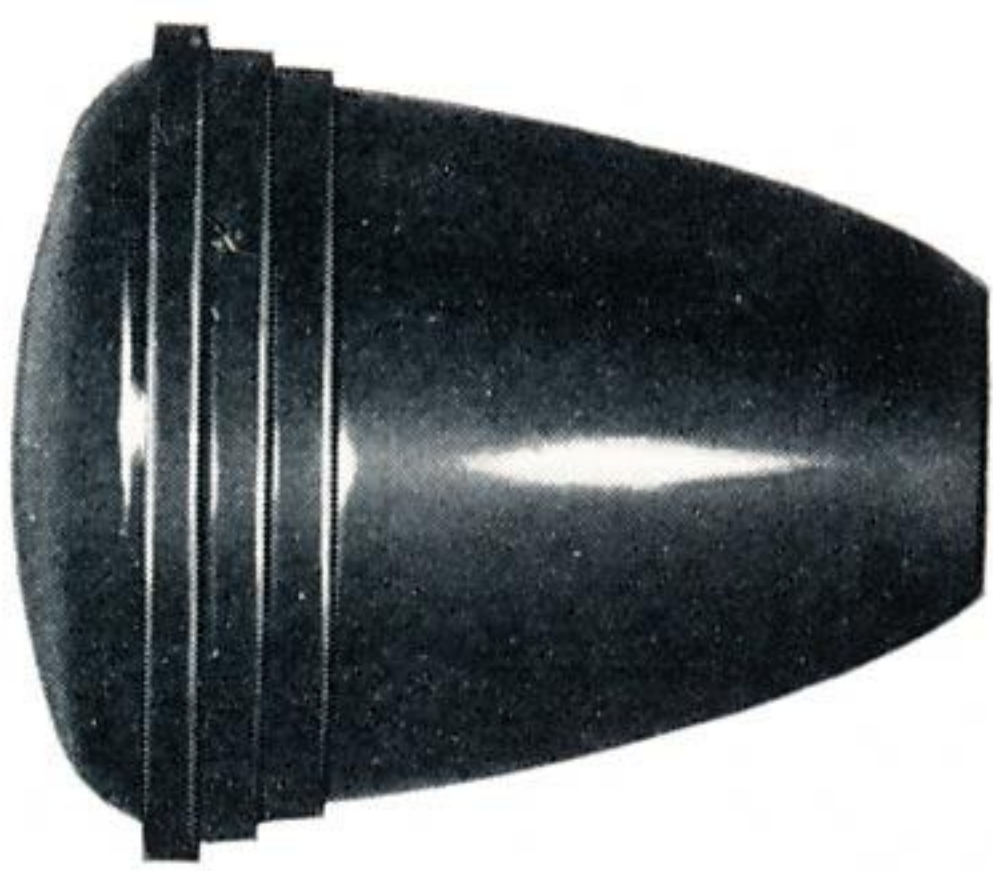
Model	Knob	Colour	Escutcheon	Switch	Suitable from Chassis No.	up to Chassis No.
111, 112, 115, 116	111 941 541	black	—	111 941 531 B	1—397 023	1 600 439
111, 112, 115, 116	111 941 541	black	111 941 515	111 941 531 F	1 600 440	current
113, 114, 117, 118, 151, 152	113 941 541	ivory	—	111 941 531 B	1—397 023	1 600 439
113, 114, 117, 118, 151, 152	113 941 541	ivory	111 941 515	111 941 531 F	1 600 440	current
141, 143	113 941 541	ivory	—	141 941 531 A	start of production	1 649 252
141, 143	141 941 541	white	111 941 515	111 941 531 F	1 649 253	current



111 941 541



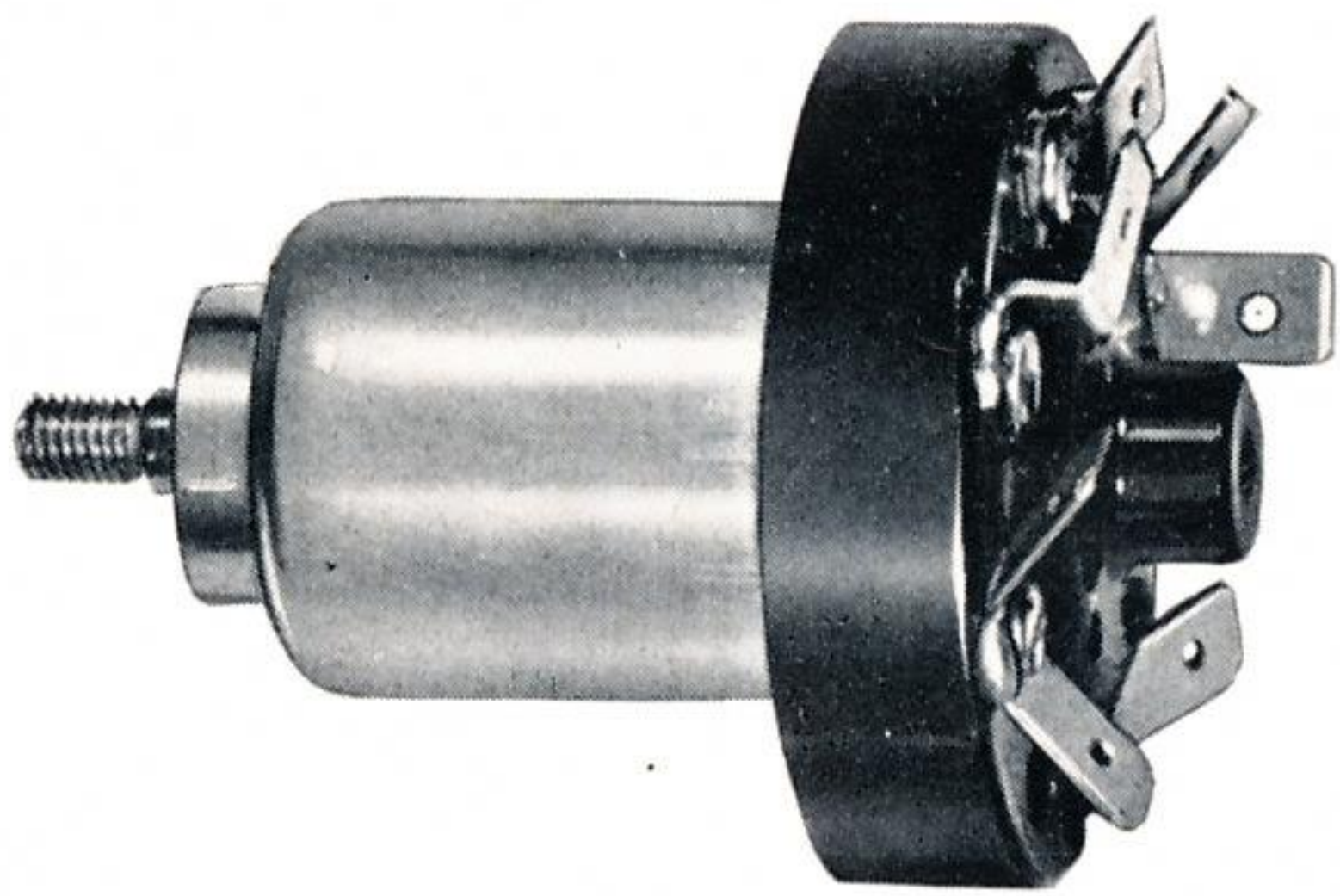
111 941 531 B



111 941 541



111 941 515

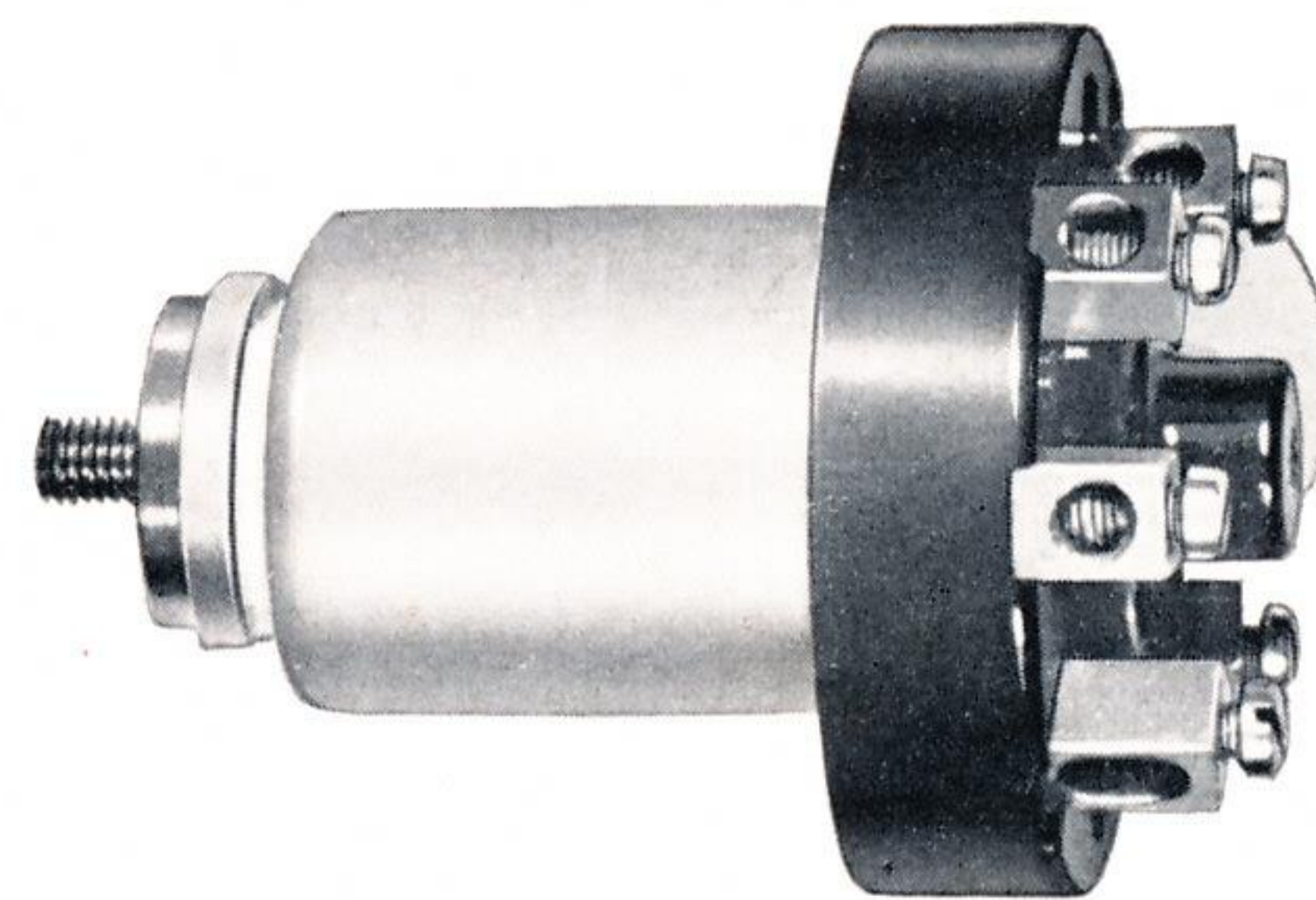


111 941 531 F

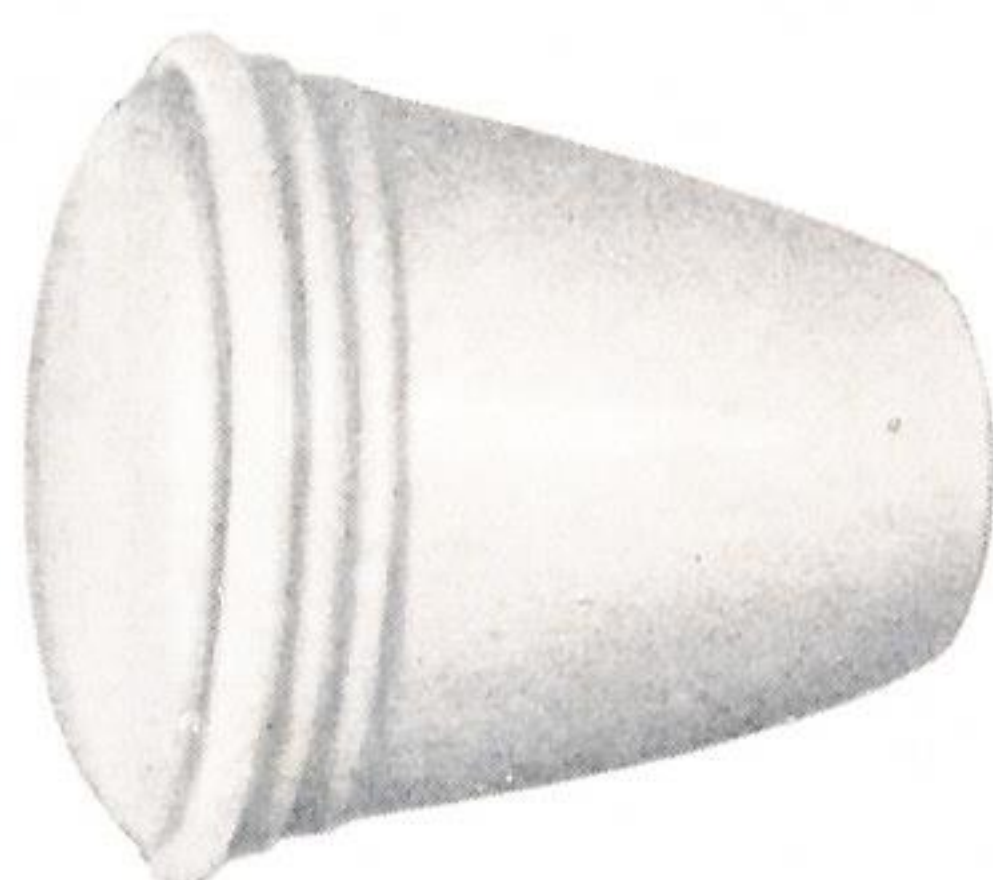
The knobs 111/113/141 941 541 have M 5 thread



113 941 541



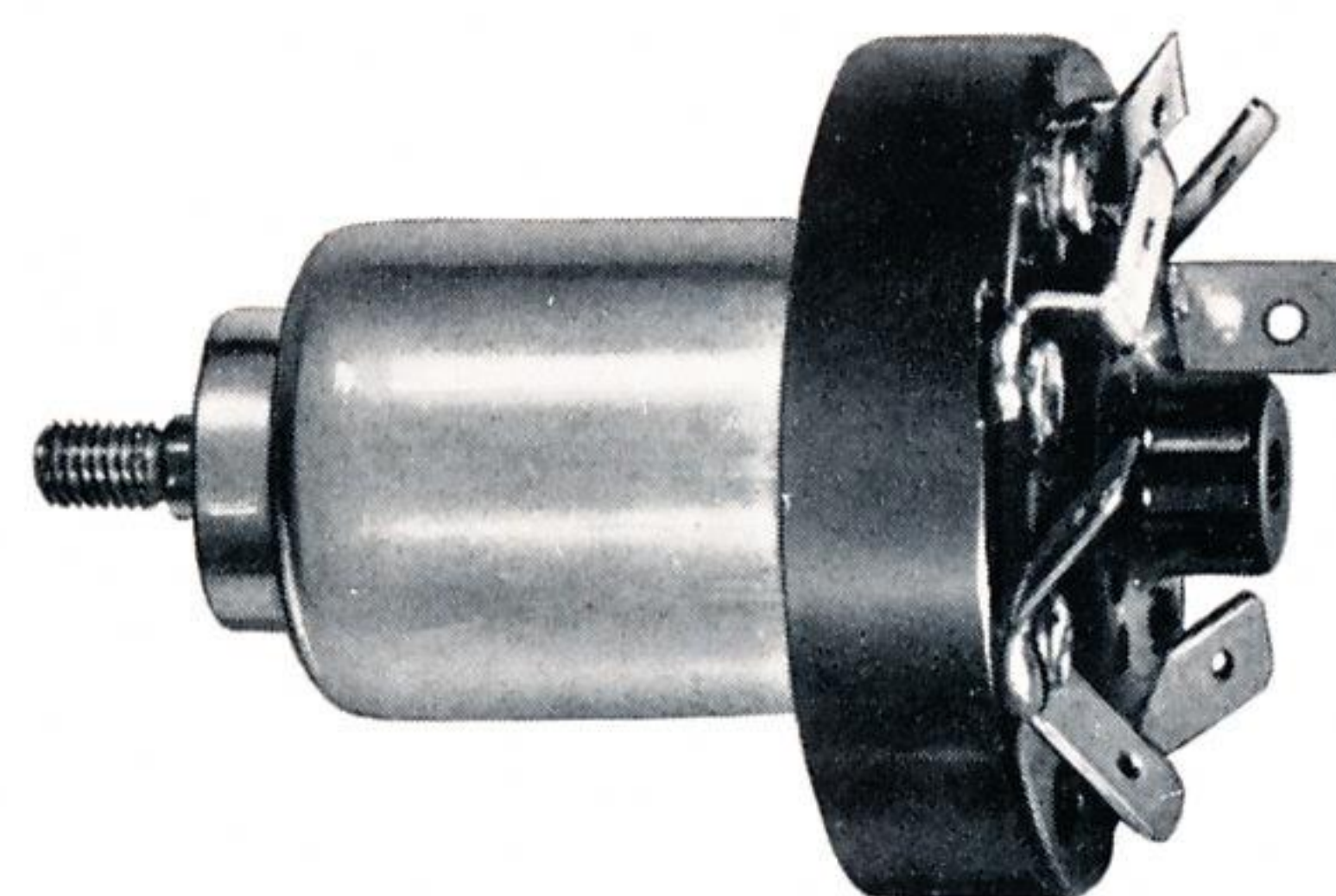
111 941 531 B



113 941 541



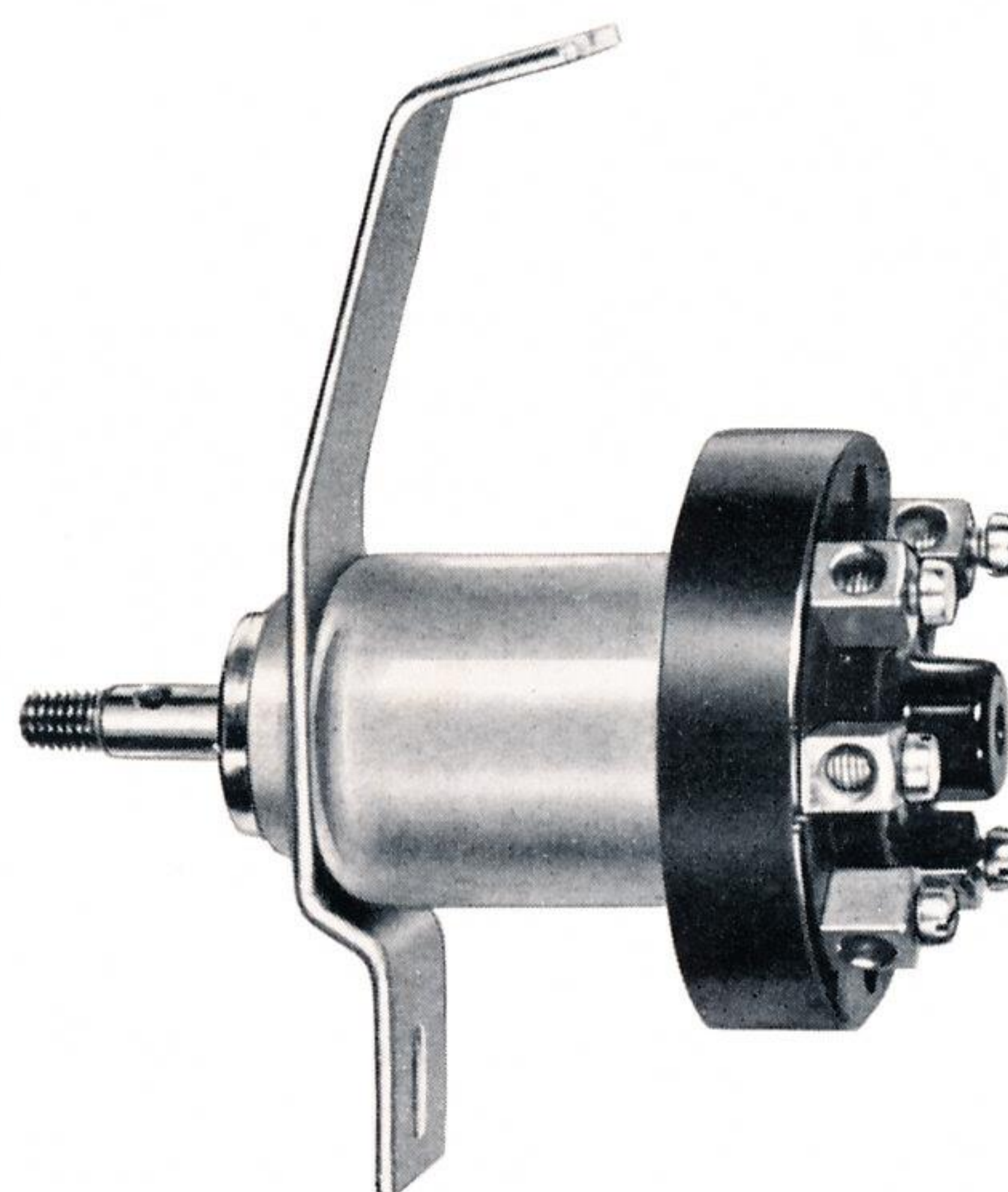
111 941 515



111 941 531 F



113 941 541



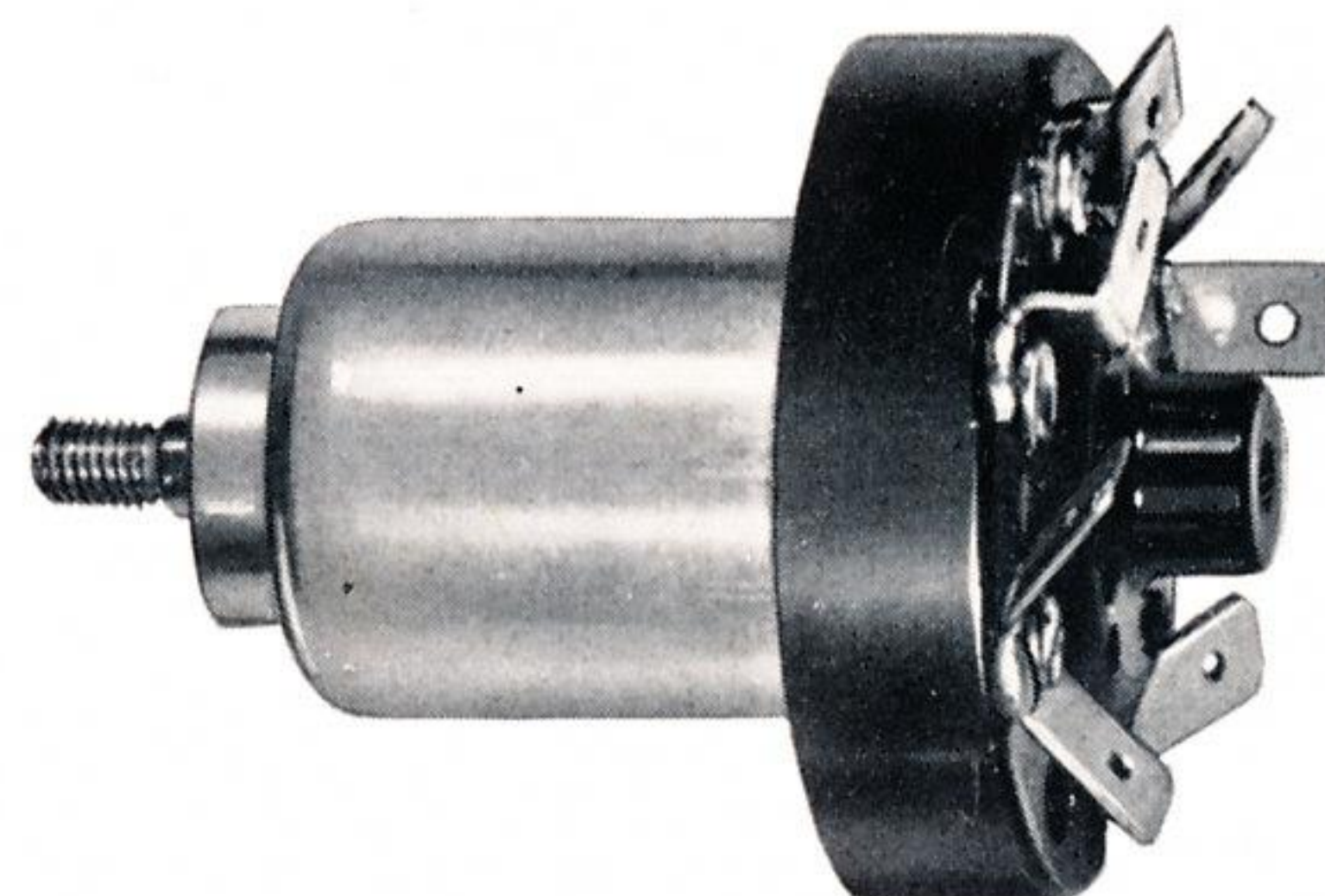
141 941 531 A



141 941 541



111 941 515



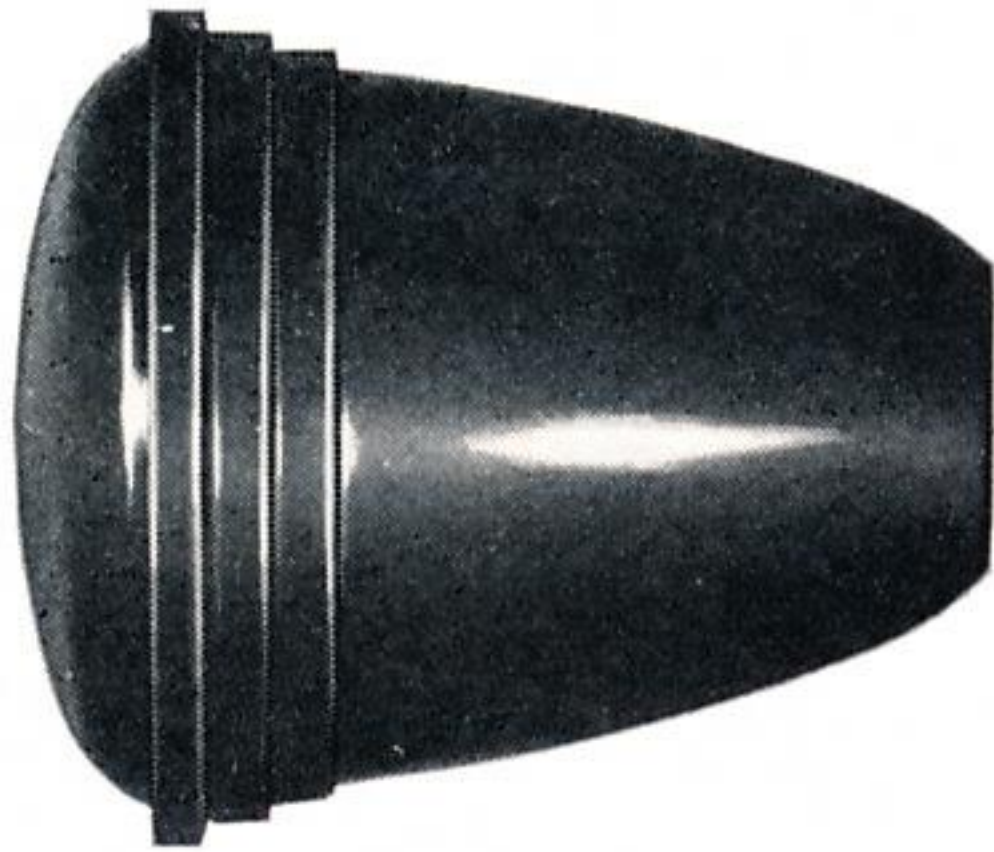
111 941 531 F

The knobs 111/113/141 941 541 have M 5 thread

Lighting Switches

Model	Knob	Colour	Escutcheon	Switch	Suitable from Chassis No.	up to Chassis No.
211-216, 231-238, 261-274	111 941 541	black	—	211 941 511 D	start of production	current
221-228, 241, 244	113 941 541	ivory	—			

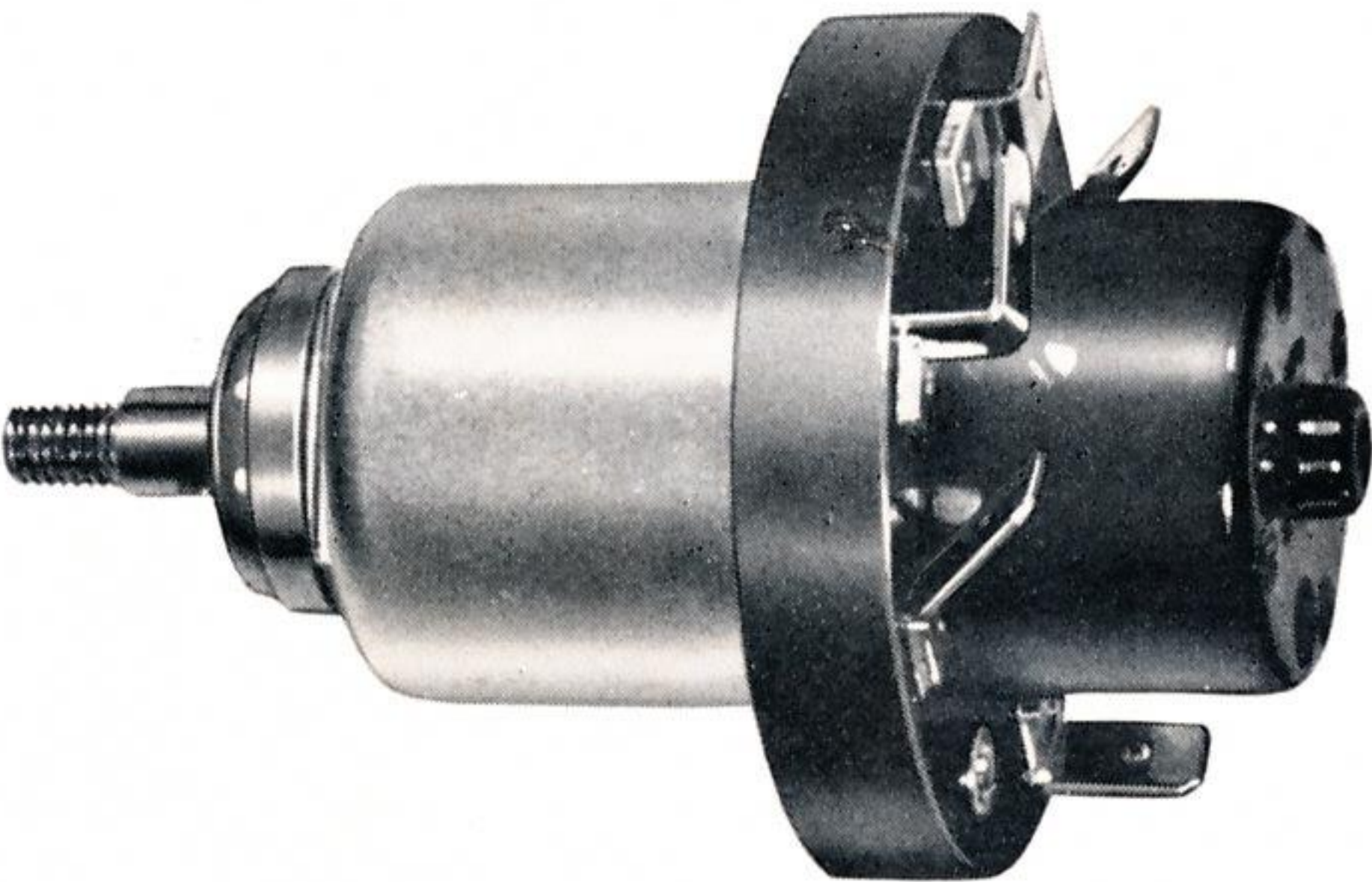
111 941 541



113 941 541



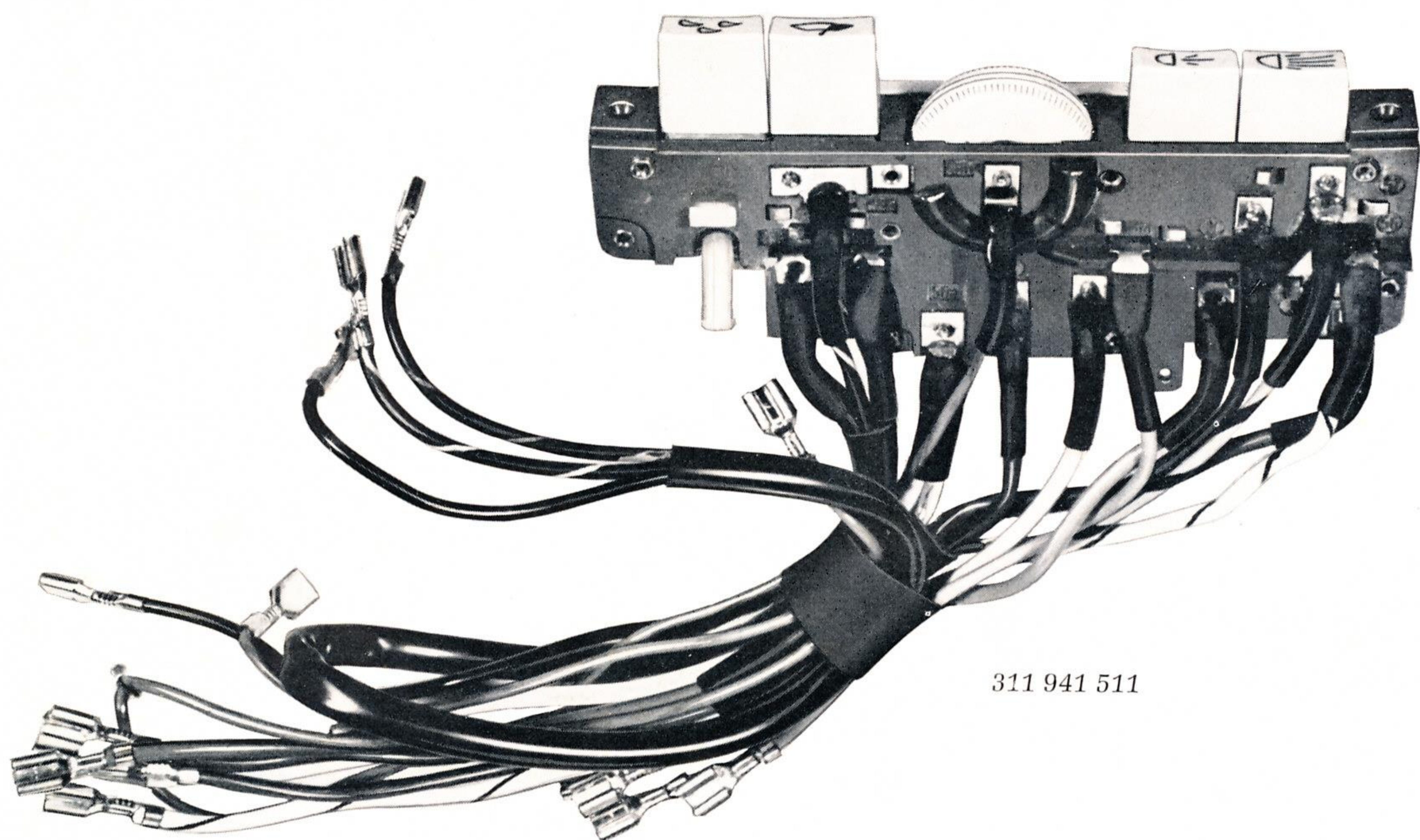
211 941 511 D



The knobs 111/113 941 541 have M 5 thread

Press Button Switches for Headlights, Parking Lights, Windshield Washer, Windshield Wipers

Model	Trim plate	Switch	Introduced from Chassis No.	up to Chassis No.
Type 3	311 941 515	311 941 511	start of production	up to June 1962
Type 3	311 941 515	311 941 511 A	from July 1962	current

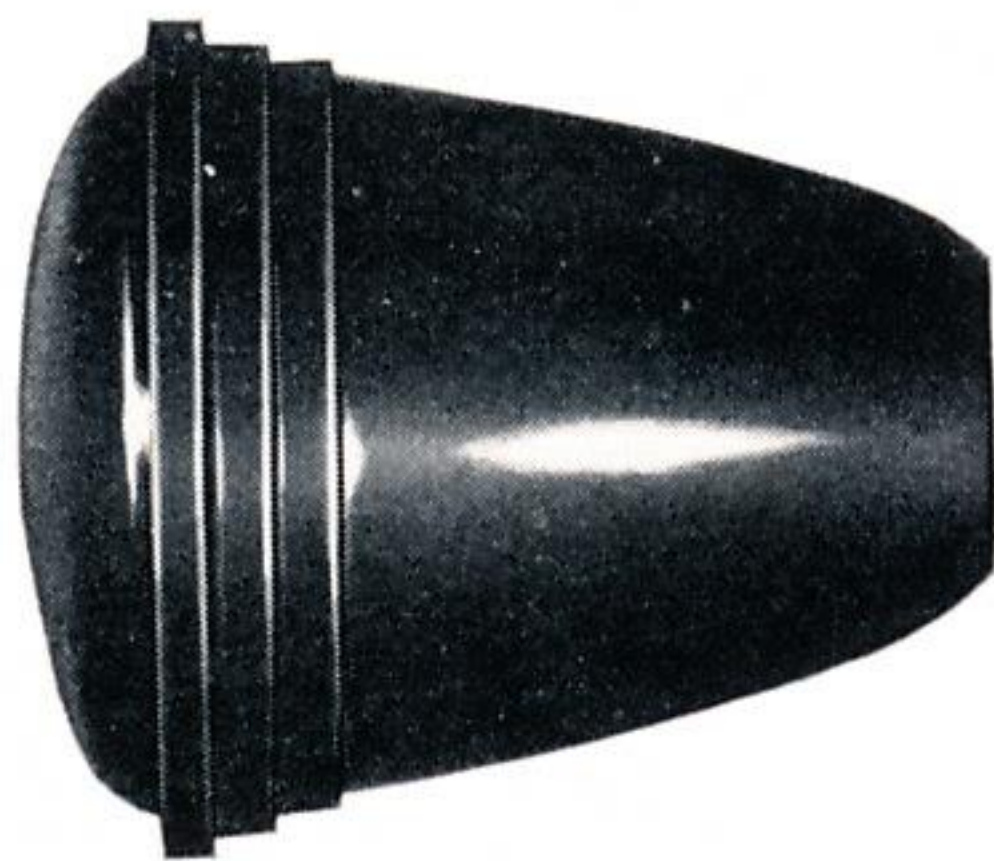


Switches for Windshield Wipers

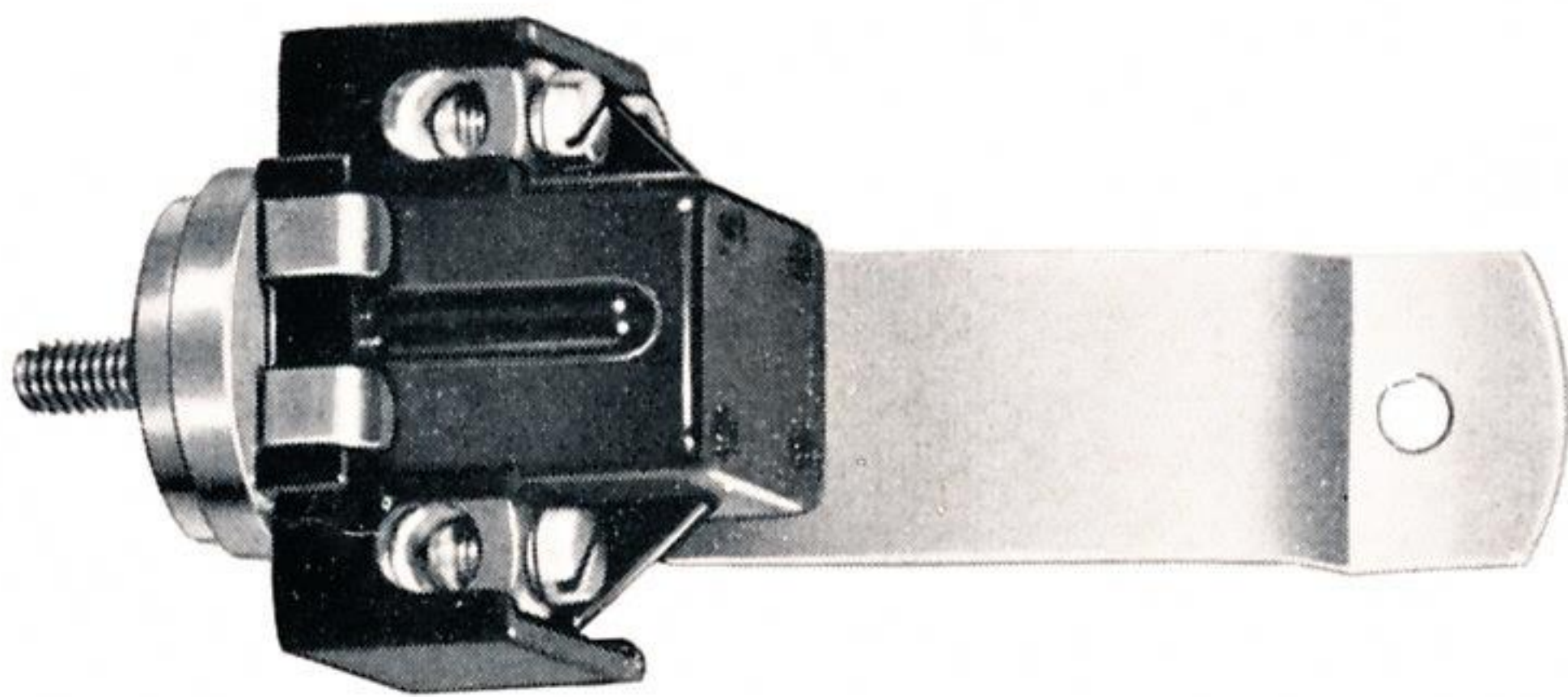
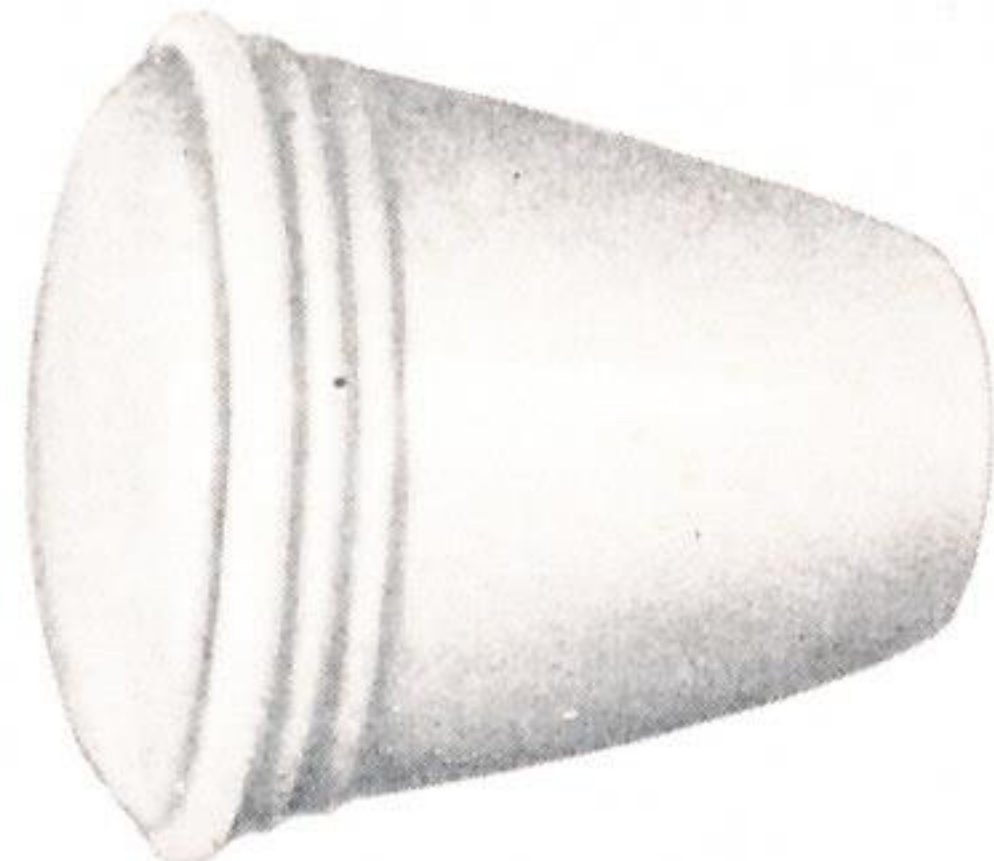
Model	Knob	Colour	Escutcheon	Switch	Suitable	
					from Chassis No.	up to Chassis No.
113, 114, 117, 118, 151, 152	113 955 541	ivory	—	113 955 511 A	1—397 023	1 600 439
111, 112, 115, 116	111 955 541	black	—	113 955 511 A	1—397 023	1 600 439
113, 114, 117, 118, 151, 152	113 941 541	ivory	111 941 515	113 955 511 B	1 600 440	3 192 506
111, 112, 115, 116	111 941 541	black	111 941 515	113 955 511 B	1 600 440	3 192 506
113, 114, 117, 118, 151, 152	113 941 541	ivory	111 941 515	113 955 515 *)	3 192 507	4 010 994
111, 112, 115, 116	111 941 541	black	111 941 515	113 955 515 *)	3 192 507	4 010 994
111, 112, 115, 116	111 955 541 B	black	111 941 515	111 955 517 A **)	4 010 995	current
111, 112, 115 116	111 955 549	black				
113, 114, 117, 118, 151, 152	113 955 541 B	ivory	111 941 515	111 955 517 A **)	4 010 995	current
113, 114, 117, 118, 151, 152	113 955 549	ivory				

*) with hand-operated pump for windshield washer
**) for pneumatic windshield washer

111 955 541



113 955 541



113 955 511 A

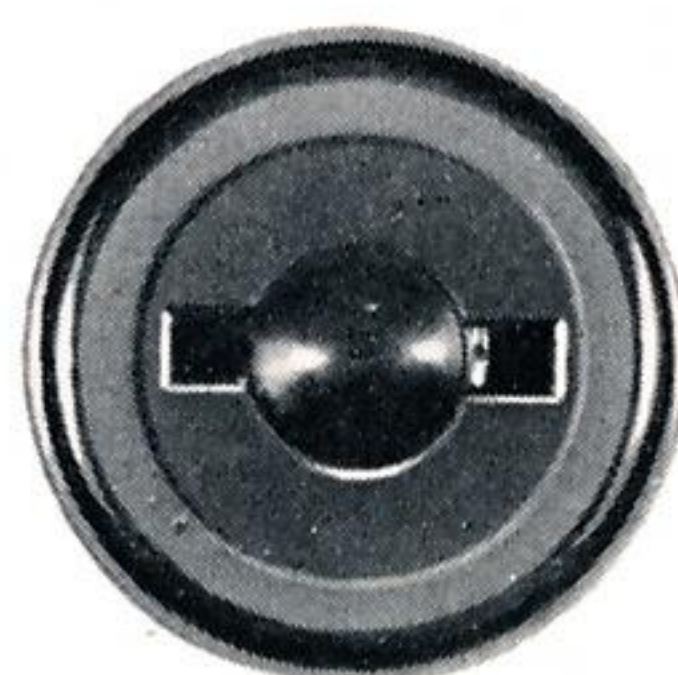
The knobs 111/113 955 541 have M 4 thread



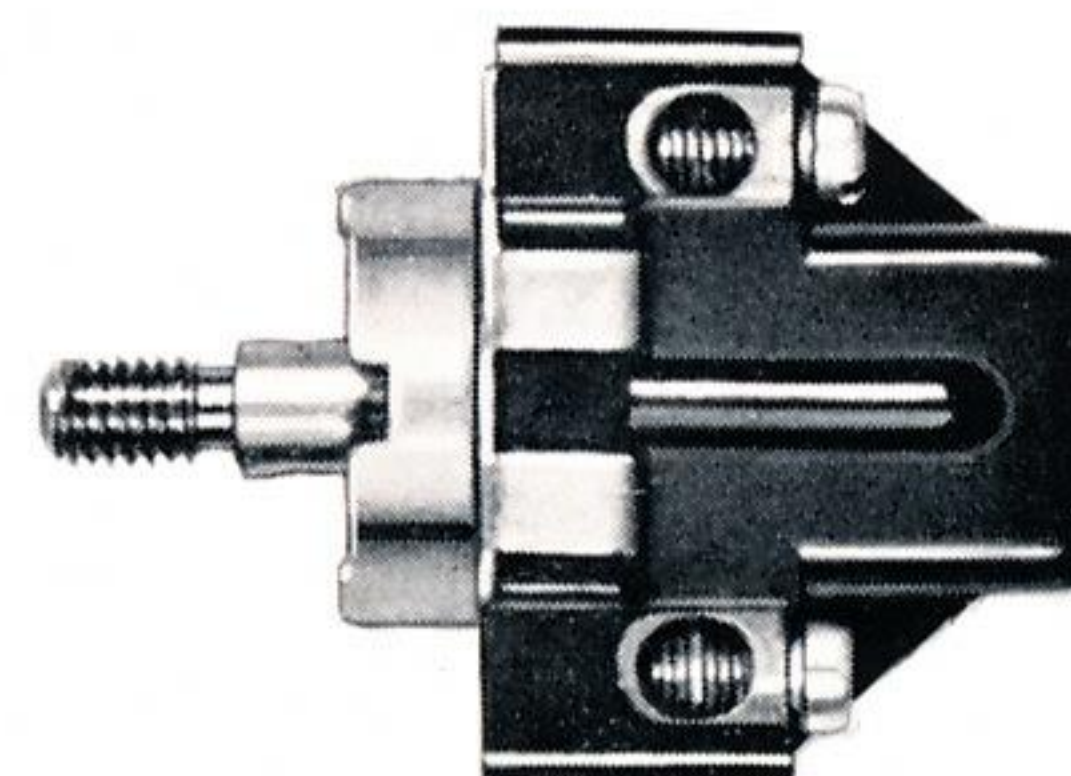
111 941 541



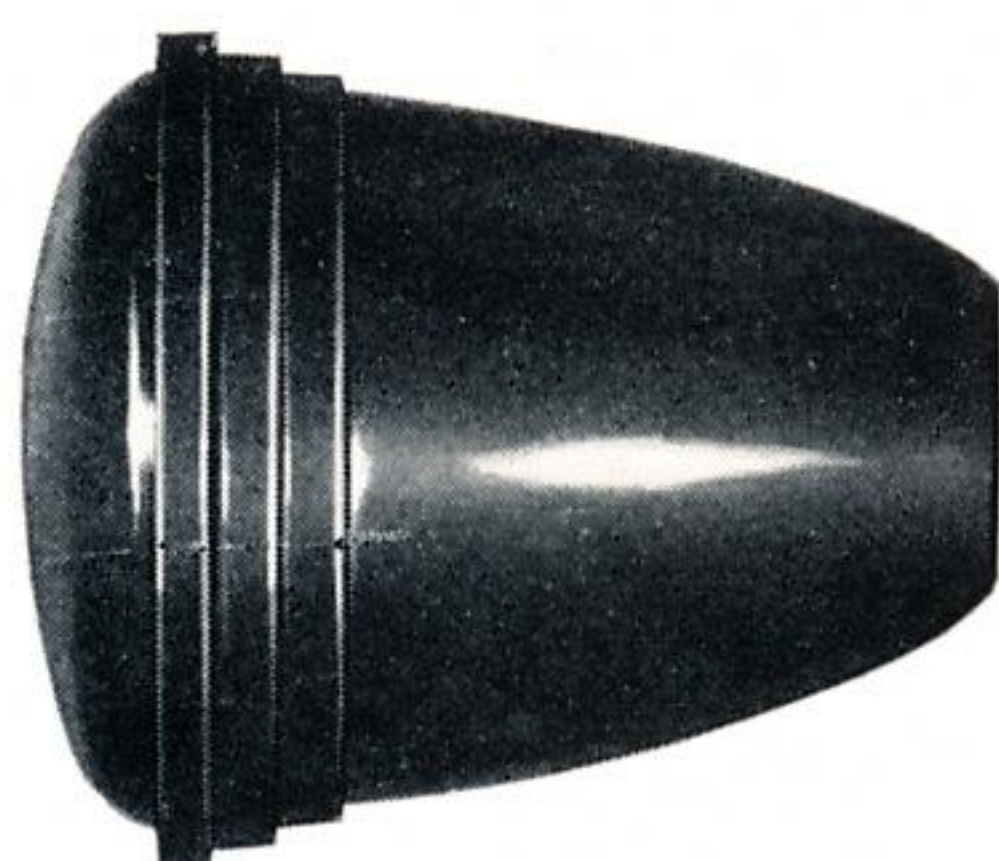
113 941 541



111 941 515



113 955 511 B



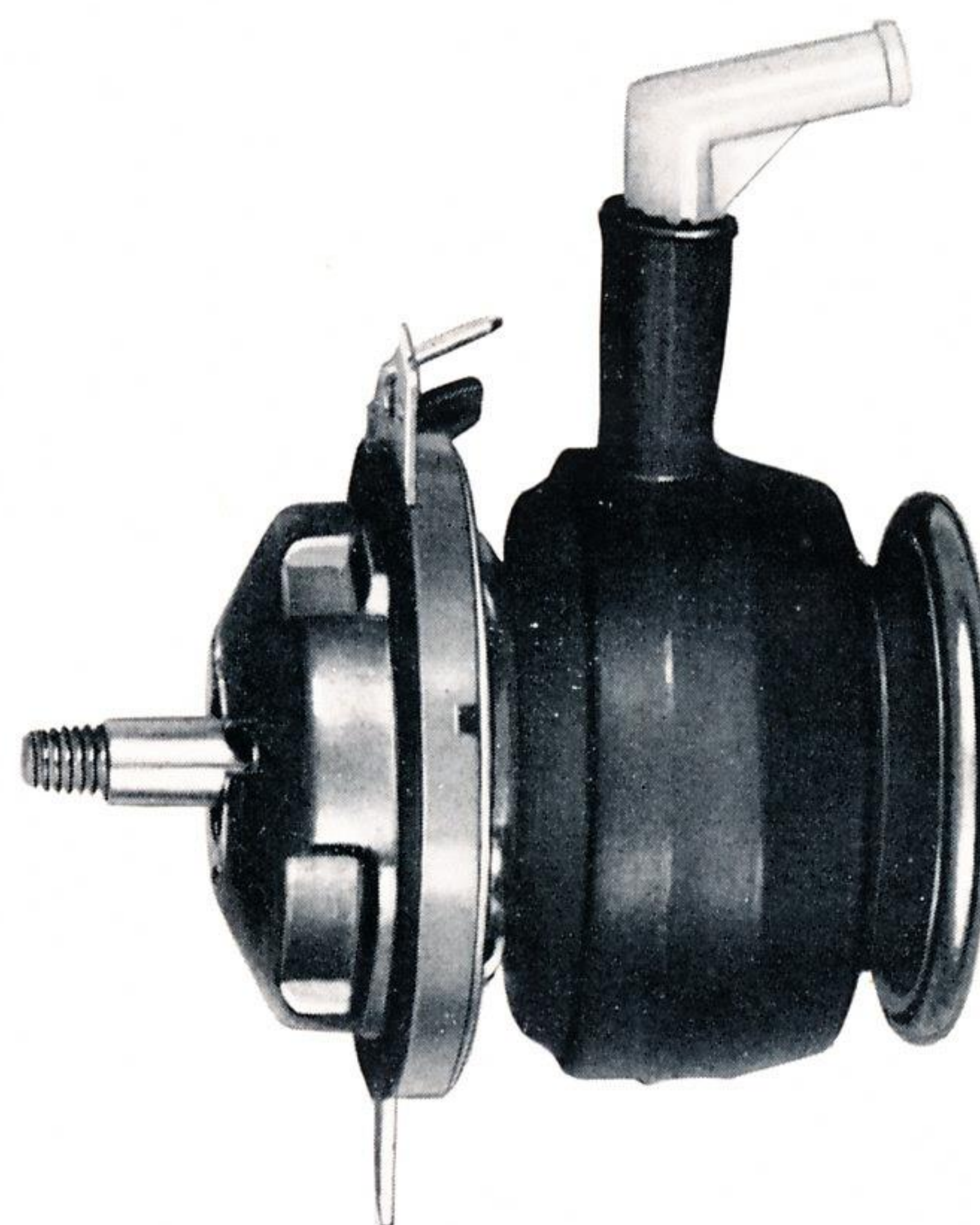
111 941 541



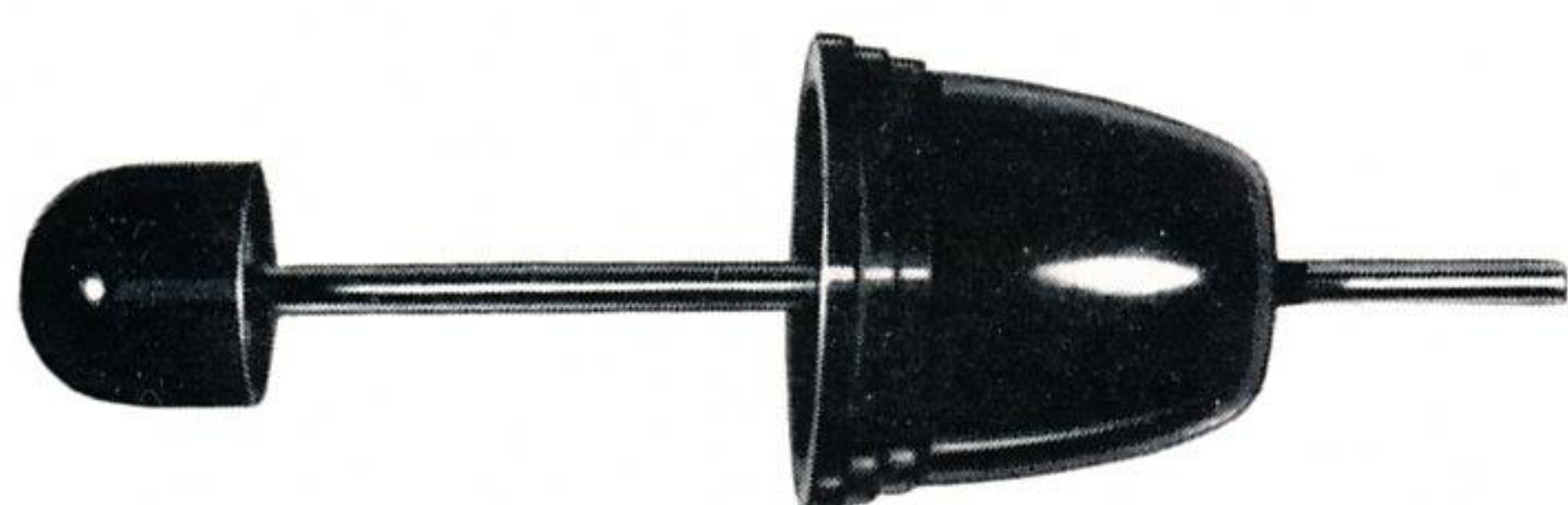
113 941 541



111 941 515

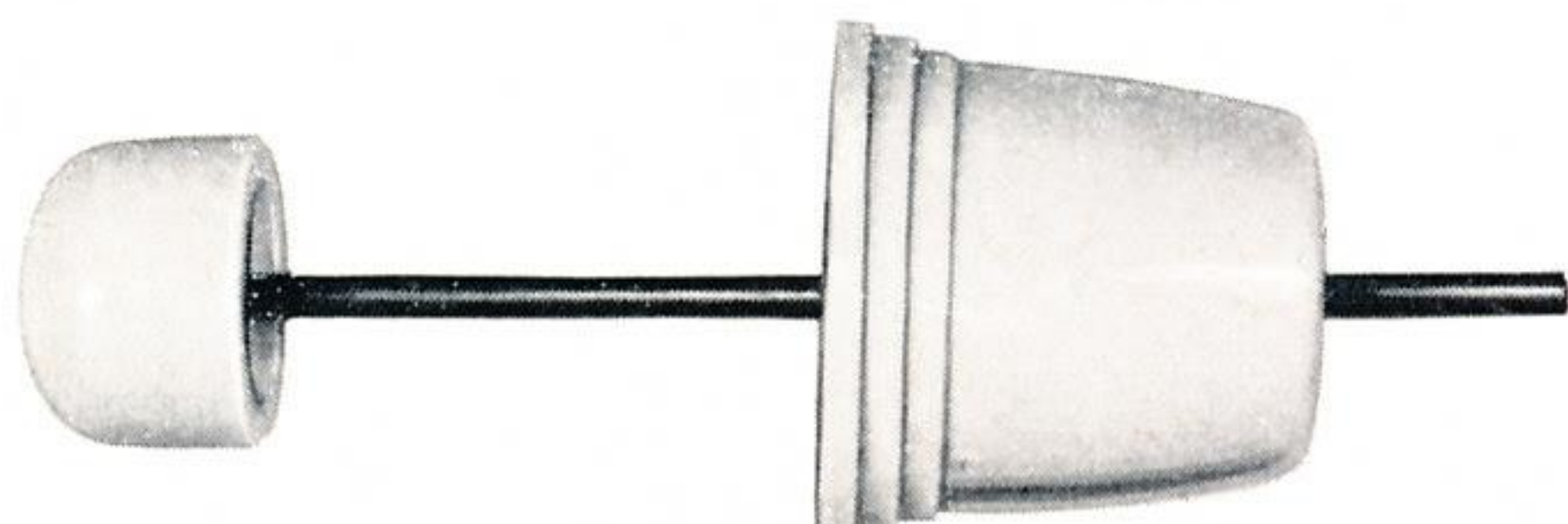


113 955 515 *)



111 955 549

111 955 541 B

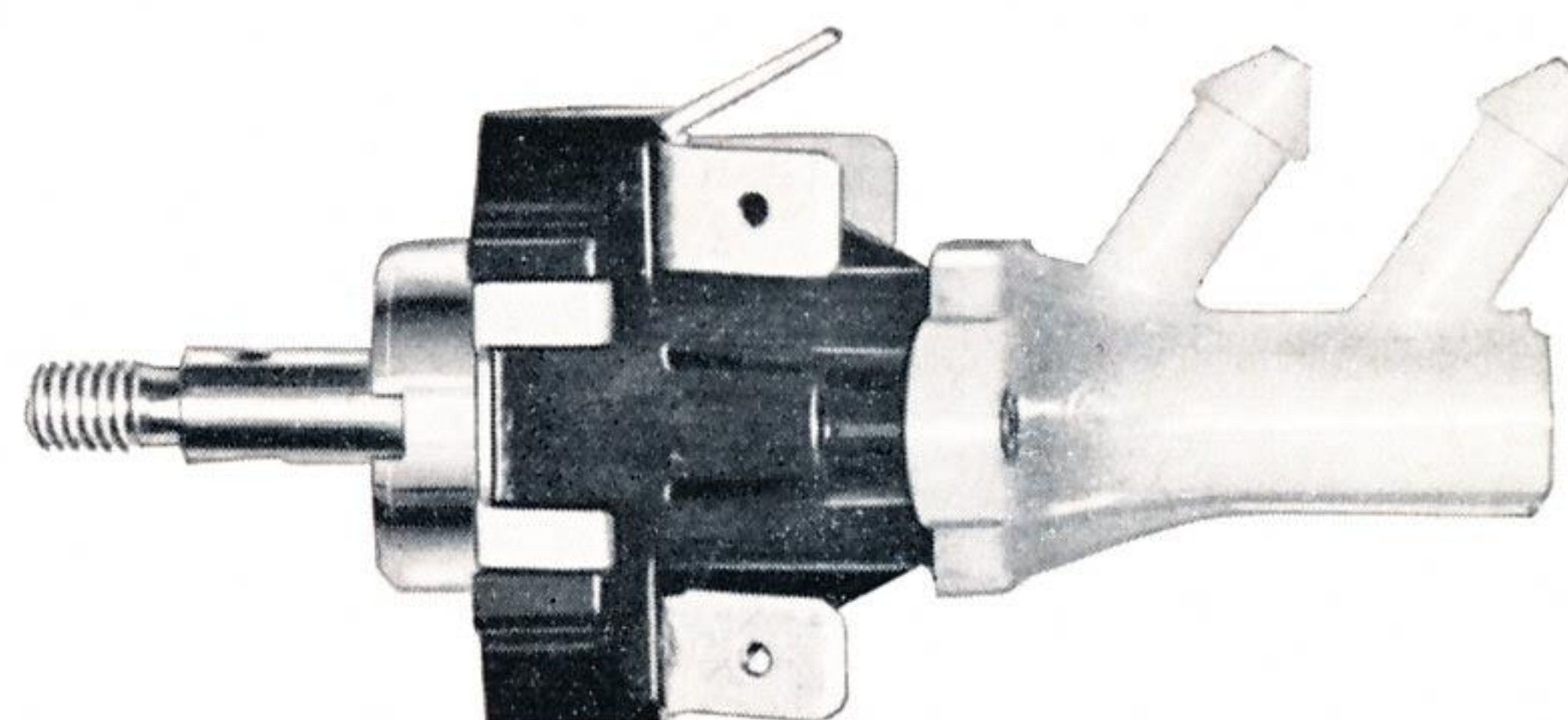


113 955 549

113 955 541 B



111 941 515



111 955 517 A **)

The knobs 111/113 941 541 have M 5 thread

The knobs 111/113 955 541 B have M 4 thread

Switches for Windshield Wipers

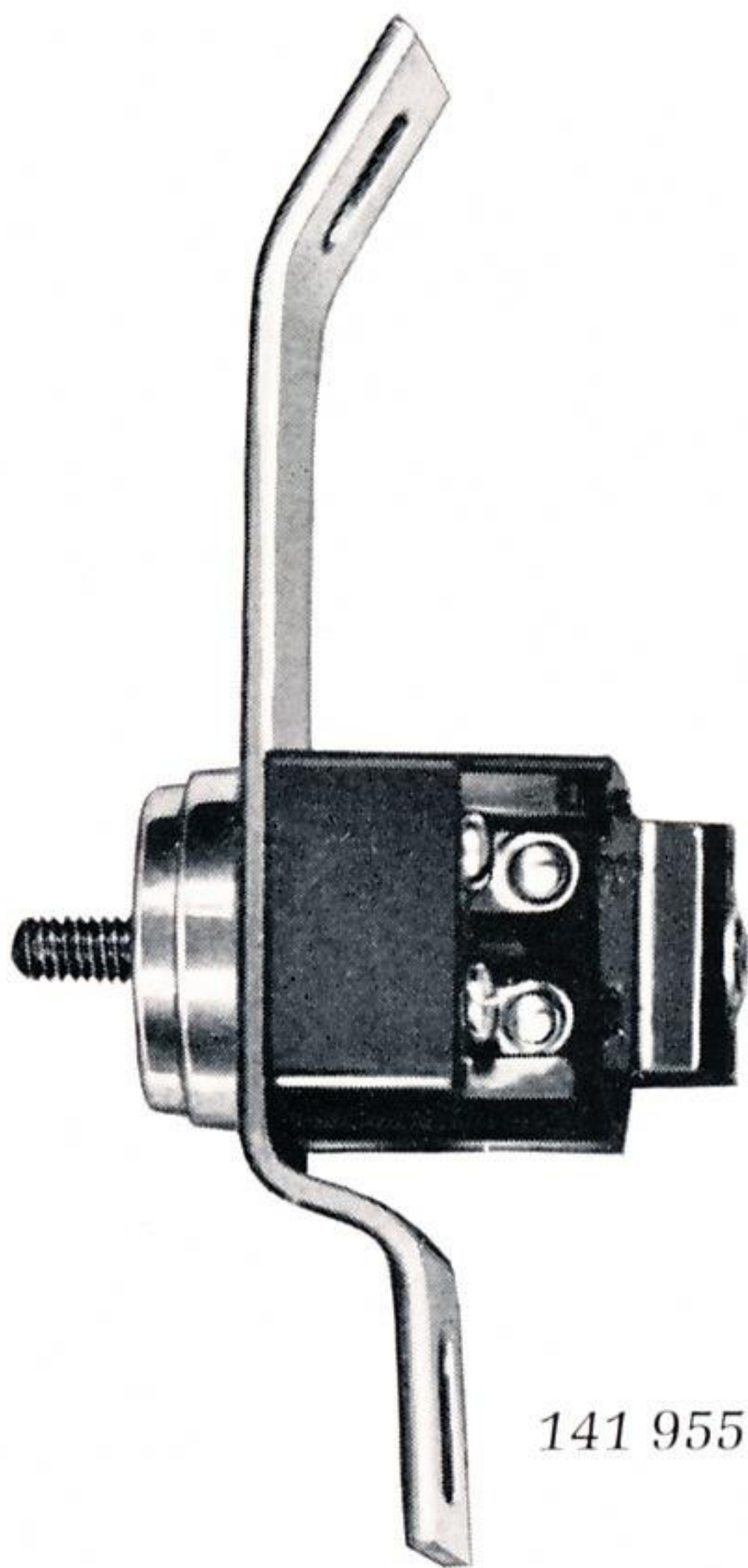
Model	Knob	Colour	Escutcheon	Switch	Suitable from Chassis No.	up to Chassis No.
141, 143	113 955 541	ivory	—	141 955 511 A	start of production	1 649 252
141, 143	141 941 541	white	111 941 515	113 955 511 B	1 649 253	2 528 667
141, 143	141 941 541	white	111 941 515	113 955 515 *)	2 528 668	4 010 994
141, 143	141 955 541 **) 141 955 549 **)	white	111 941 515	111 955 517 A **)	4 010 995	current
211–216, 231–238, 261–274	111 955 541	black	—	211 955 511 B	20–117 902	current
221–228, 241–244	113 955 541	ivory	—	211 955 511 B	20–117 902	current

*) with hand-operated pump for windshield washer

**) for pneumatic windshield washer



113 955 541



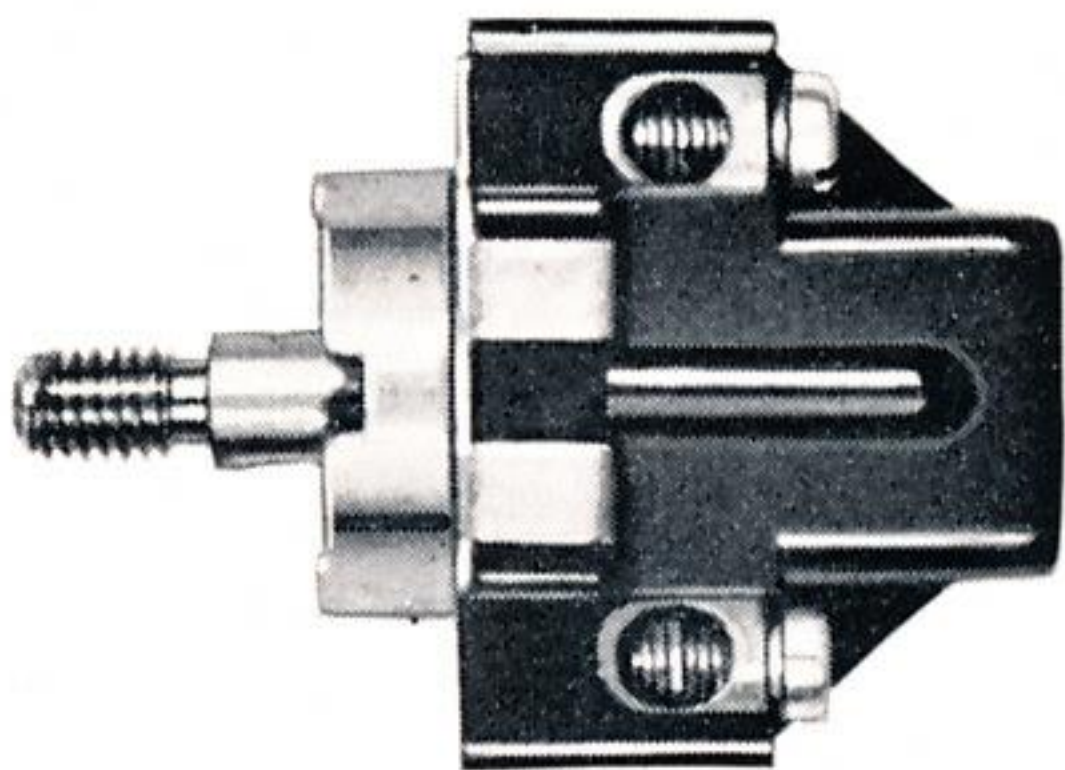
141 955 511 A



141 941 541



111 941 515



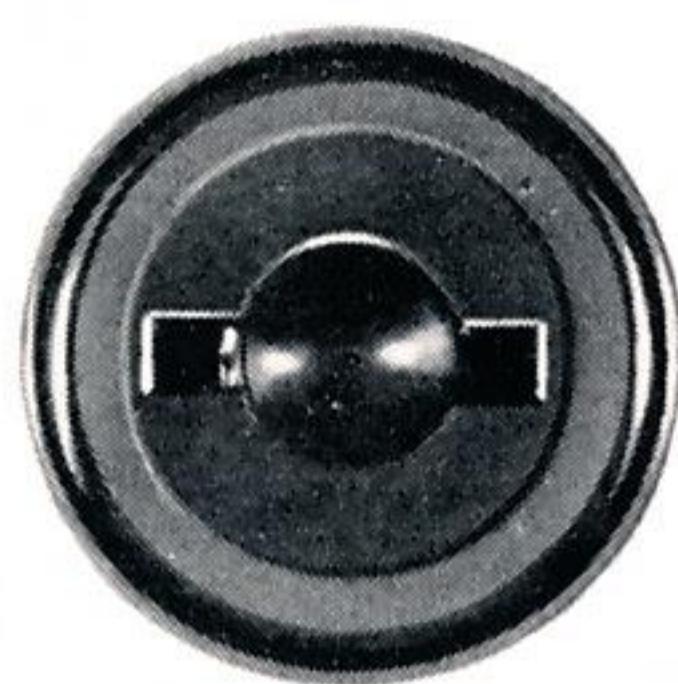
113 955 511 B

The knobs 113 935 541 have M 4 thread

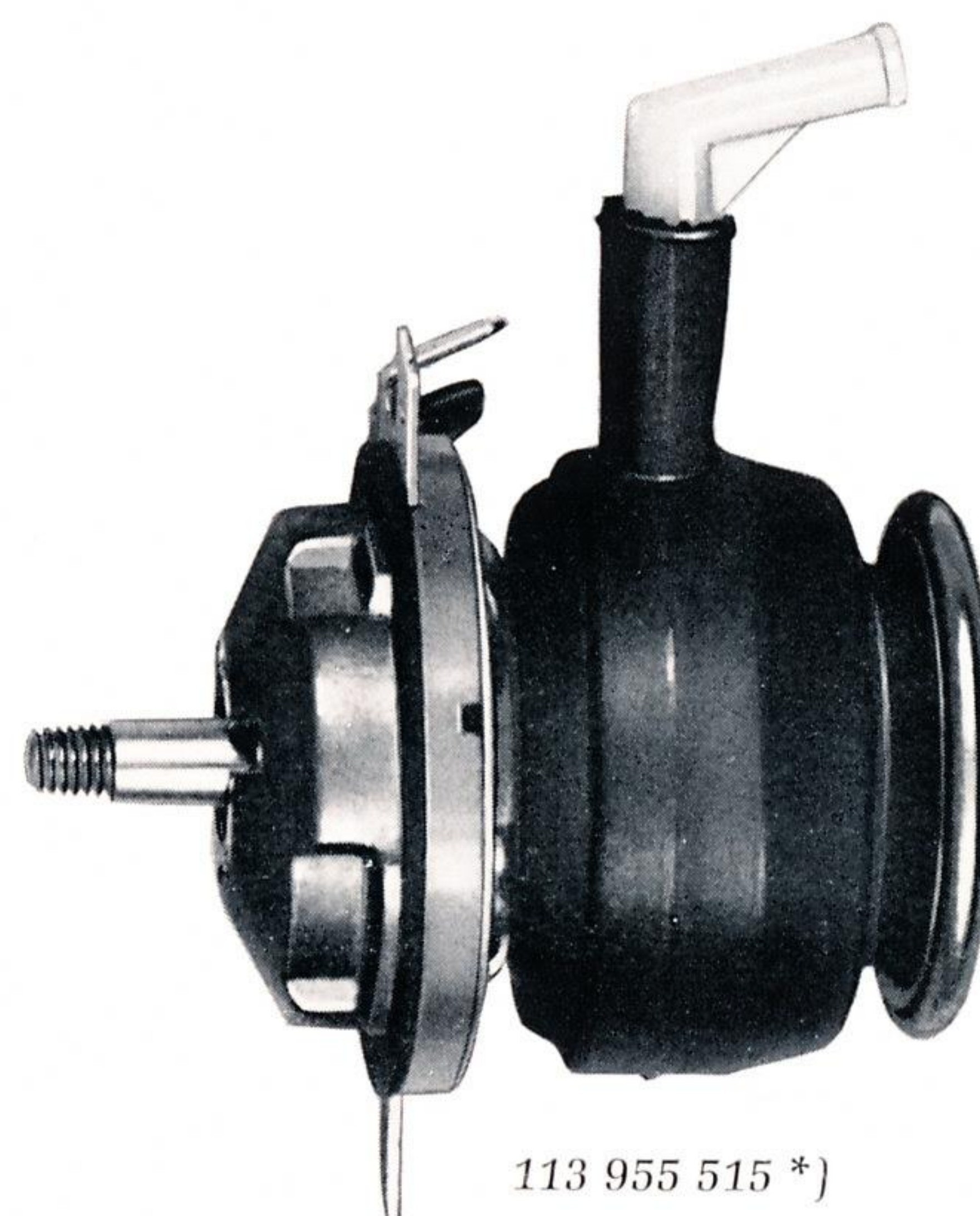
The knobs 141 941 541 have M 5 thread



141 941 541



111 941 515



113 955 515 *)

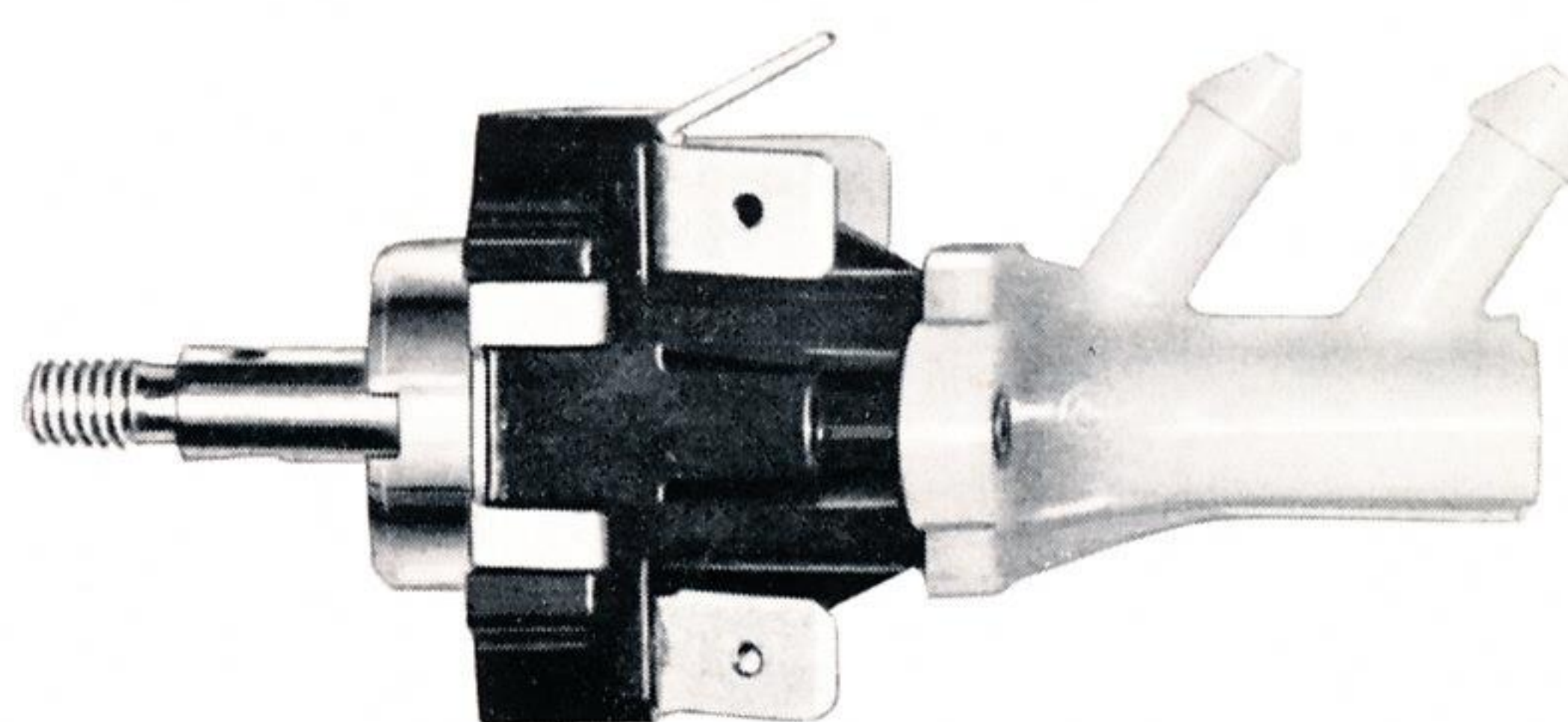


141 955 549

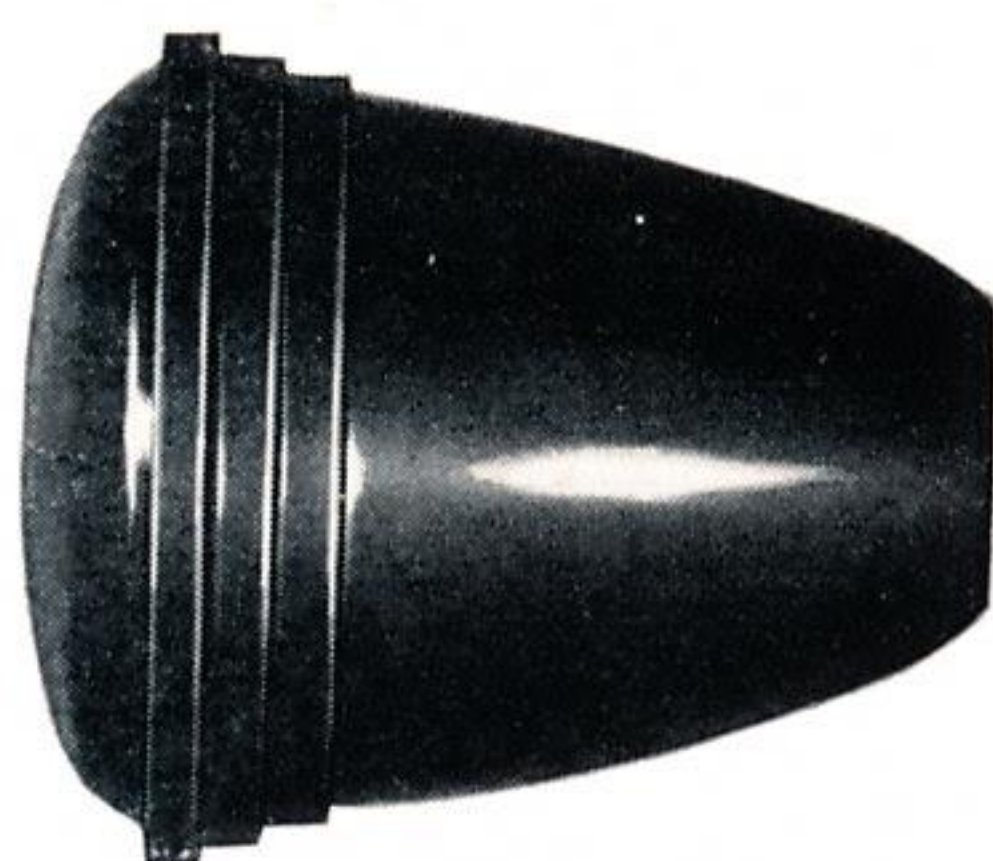
141 955 541



111 941 515



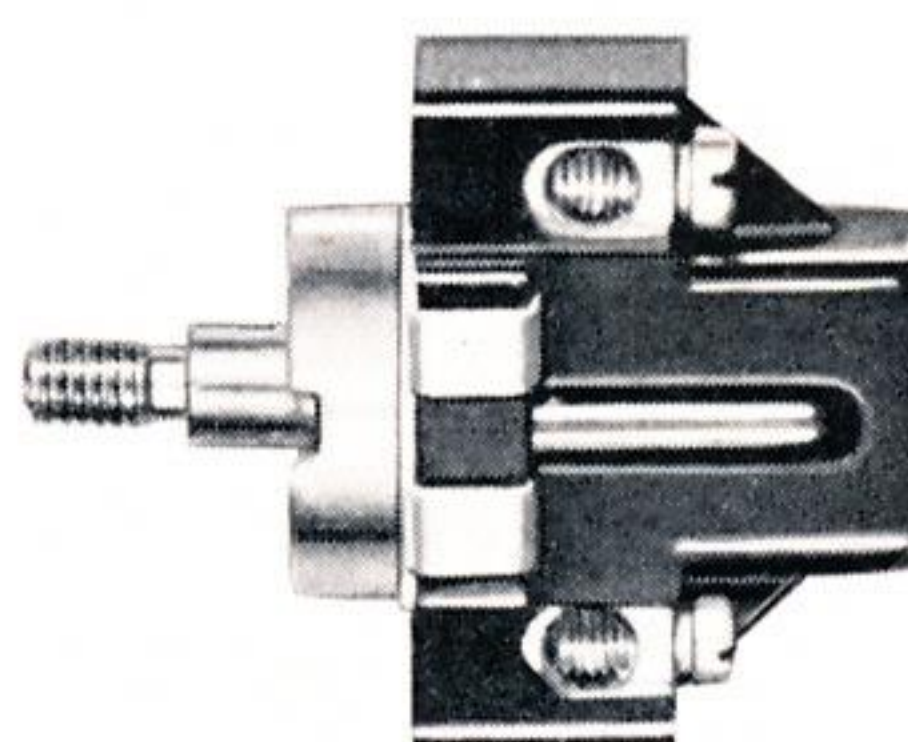
111 955 517 A **)



111 955 541



113 955 541



211 955,511 B

The knobs 141 941 541 have M 5 thread

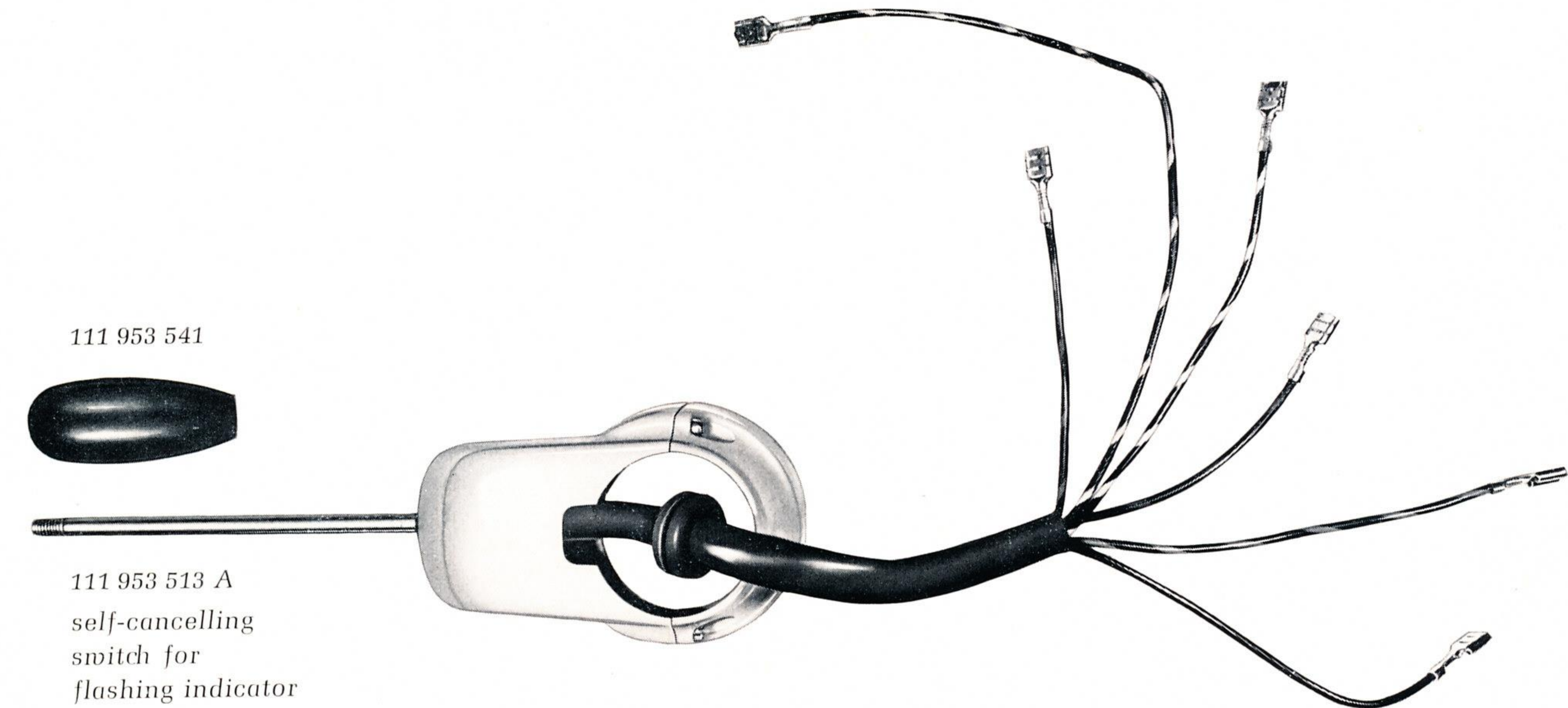
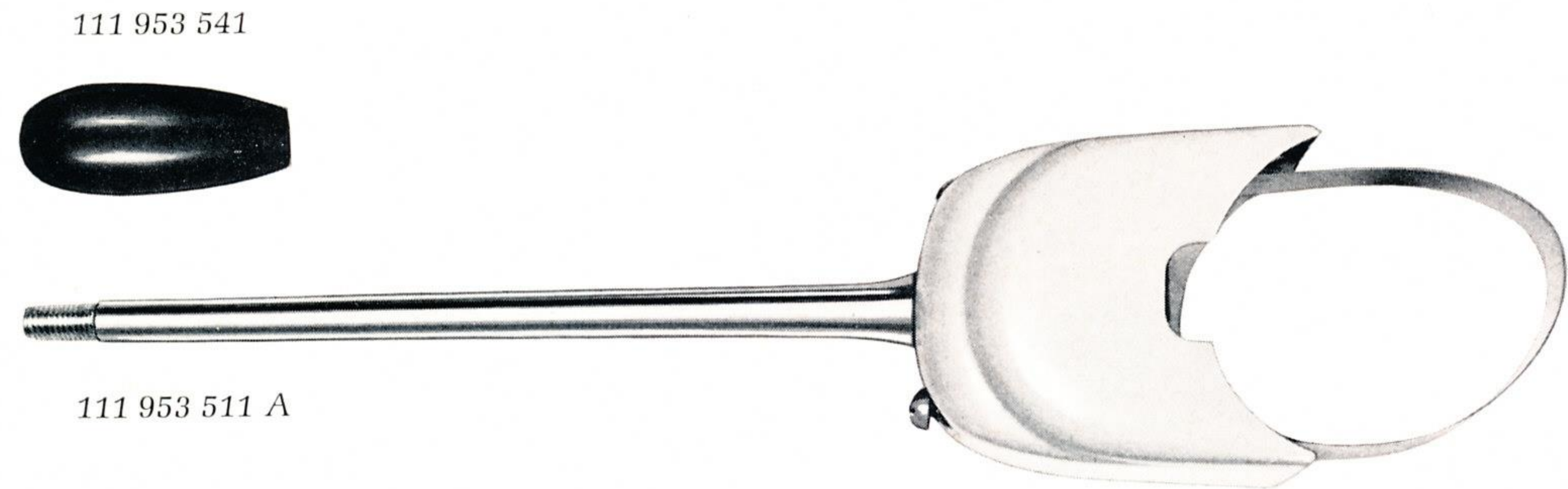
The knobs 111 955 541/141 955 541 B have M 4 thread

Flashing and Semaphore Type Indicator Switches

Model	Knob	Colour	Switch	Colour	Suitable from Chassis No.	up to Chassis No.	Remarks
111, 112, 115, 116	111 953 541	black	111 953 511 A *) **)	stone beige, black	start of production	3 192 506	
111, 112, 115, 116	111 953 541	black	111 953 513 A *) **)	black	3 192 507 3 192 507	3 856 471 4 010 994	Germany only Export markets only
111, 112, 115, 116	111 953 541	black	111 953 513 B *) **)	black	3 856 472 4 010 995	current current	Germany only Export markets only

*) housing with switch

**) quote colour





111 953 541

111 953 513 B
self-cancelling
switch for
flashing indicator



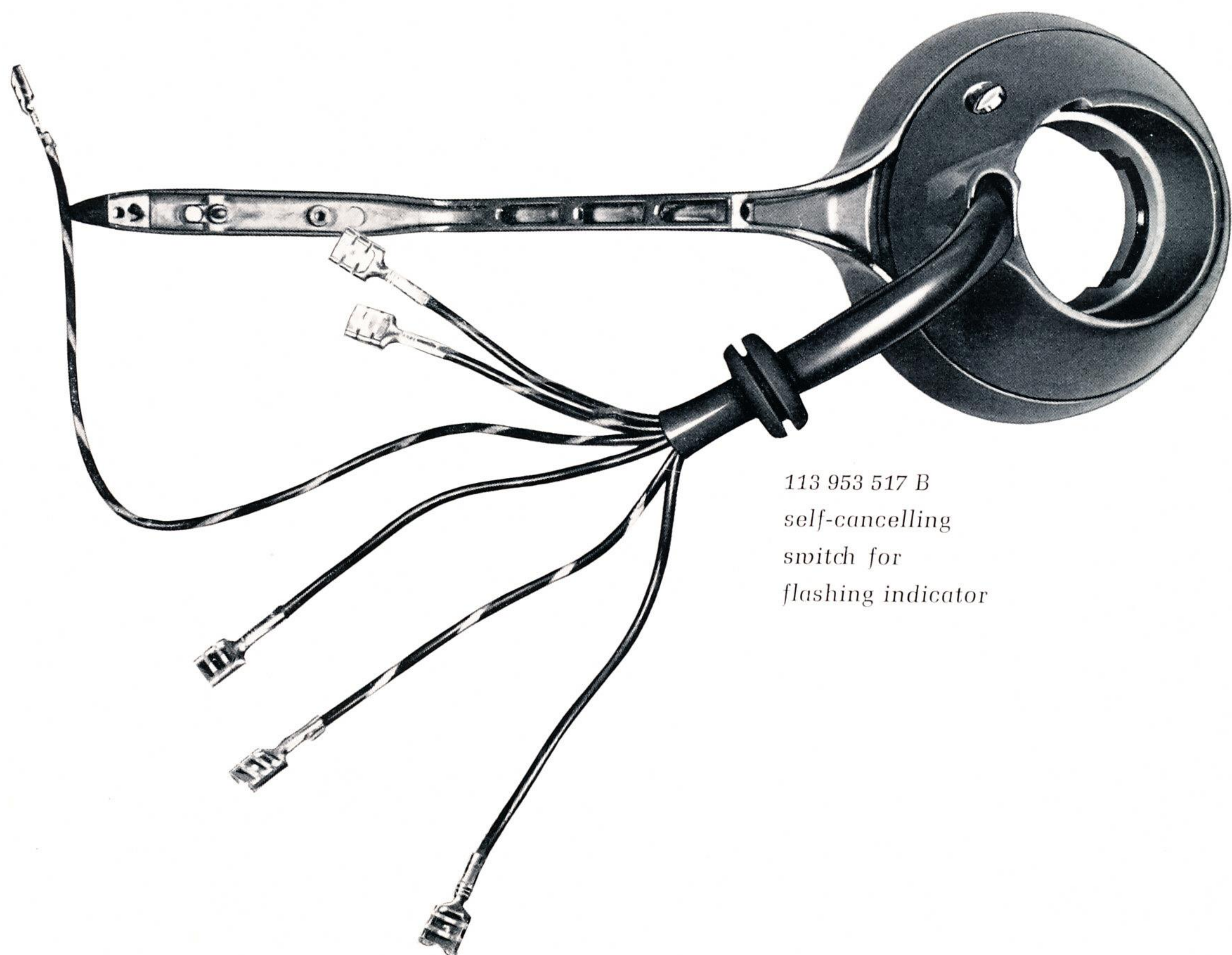
Flashing and Semaphore Type Indicator Switches

Model	Knob	Colour	Switch	Colour	Suitable		Remarks
					from Chassis No.	up to Chassis No.	
113, 114, 117, 118, 151, 152	113 953 541	ivory	111 953 511 A *) **)	stone beige	start of production	2 528 667	one circuit switch
113, 117, 151 M 21	—	—	111 953 513 A	stone beige	start of production	2 528 667	two circuit switch
113, 114, 117, 118, 151, 152	—	—	113 953 511 A *)	—	2 528 668	3 192 506	one circuit switch
113, 114, 117, 118, 151, 152	—	—	113 953 517 B *) **)	hydrate green basalt grey sandstone nepal green	3 192 507	3 856 471 Germany only or 4 010 994 Export markets only	two circuit switch
113, 114, 117, 118, 151, 152	—	—	141 953 517 C *) **)	silver beige, basalt grey, sandstone	3 856 472 Germany only or 4 010 995 Export markets only	—	one circuit switch

*) housing with switch

**) quote colour





113 953 517 B
self-cancelling
switch for
flashing indicator

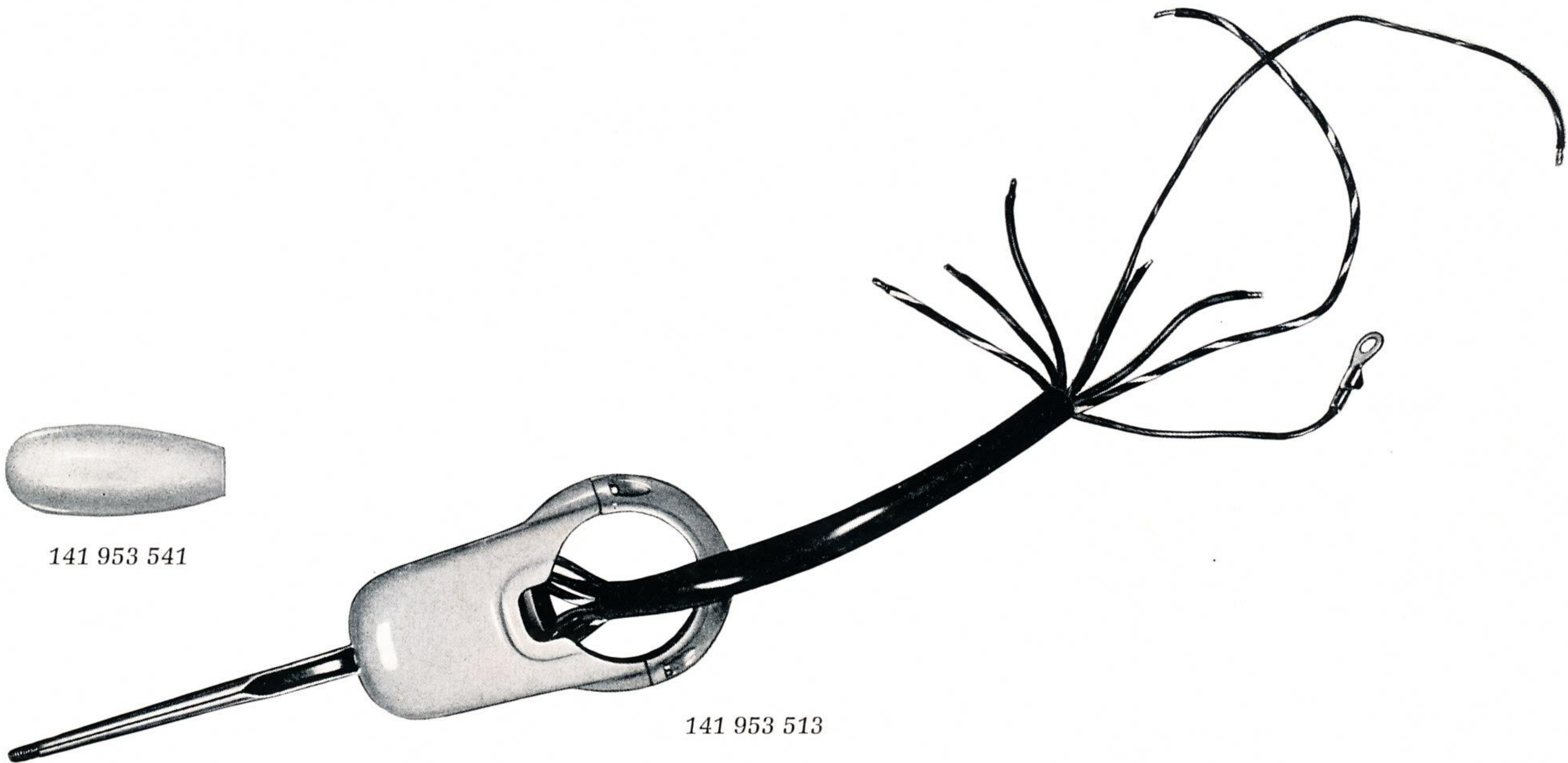
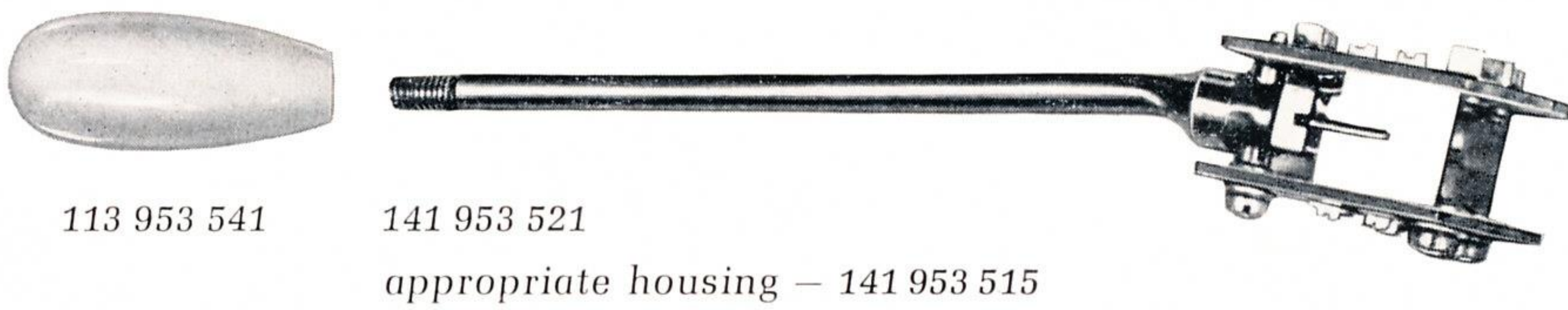


141 953 517 C

Flashing and Semaphore Type Indicator Switches

Model	Knob	Colour	Switch	Colour	Suitable		Remarks
					from Chassis No.	up to Chassis No.	
141, 143	113 953 541	ivory	141 953 521		start of production	1 649 252	housing for switch 141 953 521 = 141 953 515
141, 143	141 953 541	white	141 953 513 *)		1 649 253	2 528 667	with headlamp flasher
141-144	—	—	113 953 511 A *)		2 528 668	3 192 506	
141-144	—	—	141 953 517 B *)	silver beige, chamois, soft beige, ice blue	3 192 507	current	with headlamp flasher

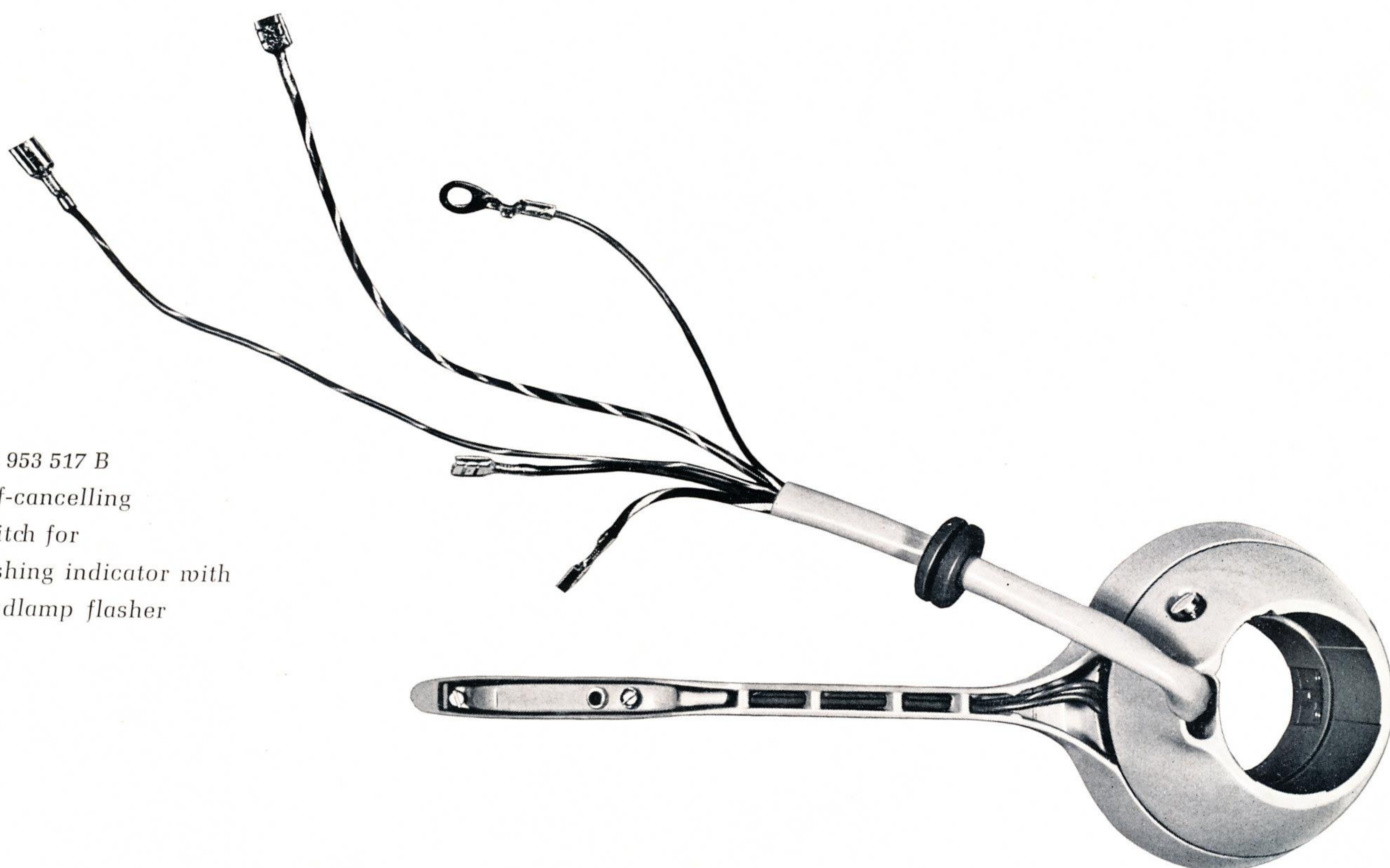
*) housing with switch



113 953 511 A
self-cancelling
switch for
flashing indicator



141 953 517 B
self-cancelling
switch for
flashing indicator with
headlamp flasher

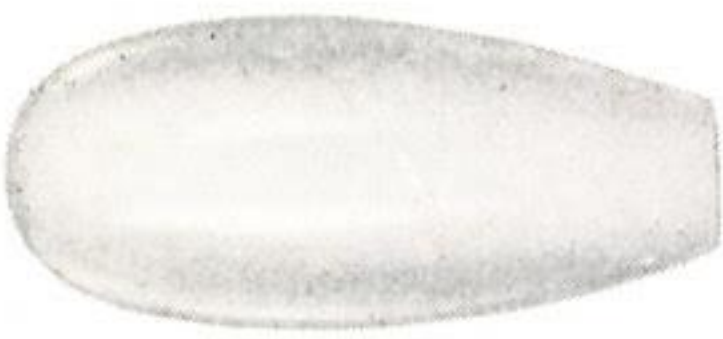


Flashing and Semaphore Type Indicator Switches

Model	Knob	Colour	Switch	Colour	Suitable from Chassis No. up to Chassis No.		Remarks
211-216, 231-238, 261-274	111 953 541	black	211 953 521		20-117 902	614 455	housing = 211 953 515 one circuit switch
241, 244	113 953 541	ivory					
211-216, 231-238, 261-274	111 953 541	black	211 953 513 B *) **)	black, stone beige, silver beige	614 456 ***)	802 985	two circuit switch
241-244	113 953 541	ivory	211 953 513 B *) **)	black, stone beige, silver beige	614 456 ***)	802 985	two circuit switch
211-216, 231-238, 261-274	111 953 541	black	211 953 513 C *) **)	black, silver beige	802 986	current	one circuit switch
241, 244	113 953 541	ivory	211 953 513 C *) **)	black, silver beige	802 986	current	one circuit switch

*) housing with switch
**) quote colour
***) for USA from Chassis No. 802 986

113 953 541

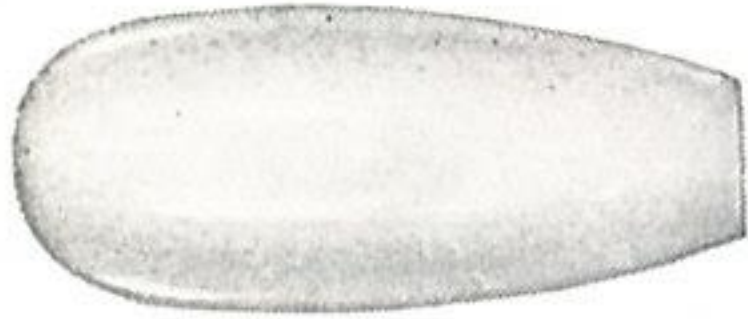


111 953 541

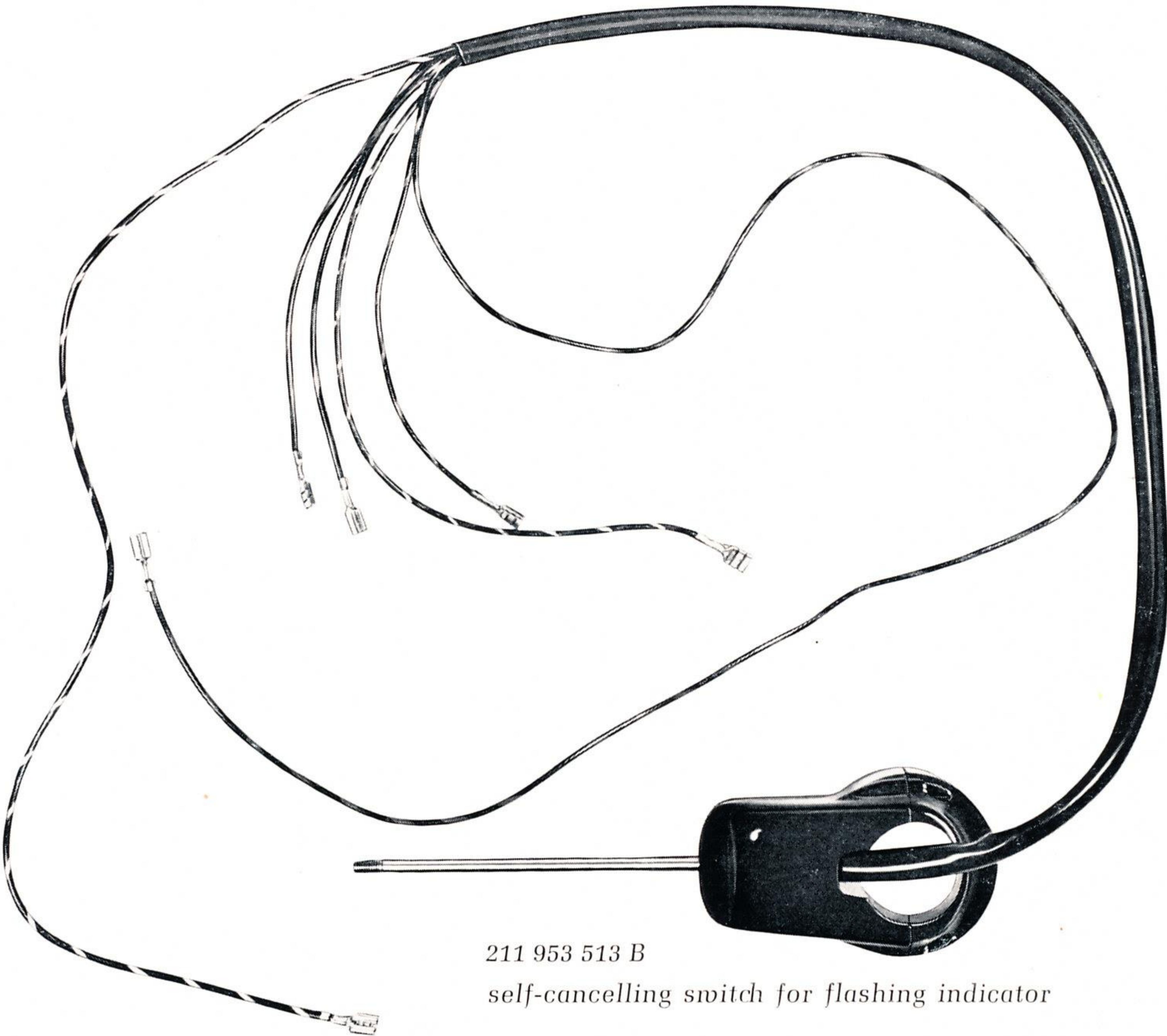


211 953 521

113 953 541

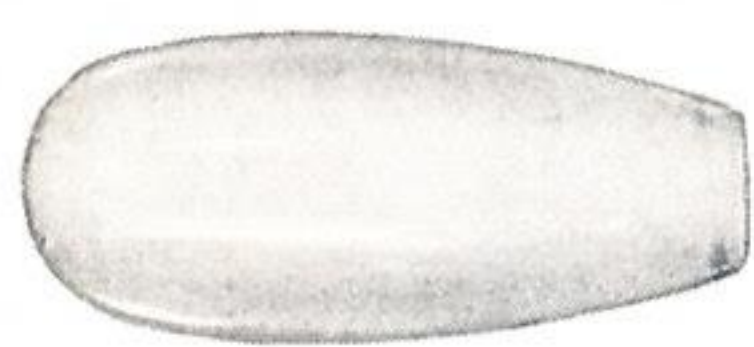


111 953 541



211 953 513 B
self-cancelling switch for flashing indicator

113 953 541



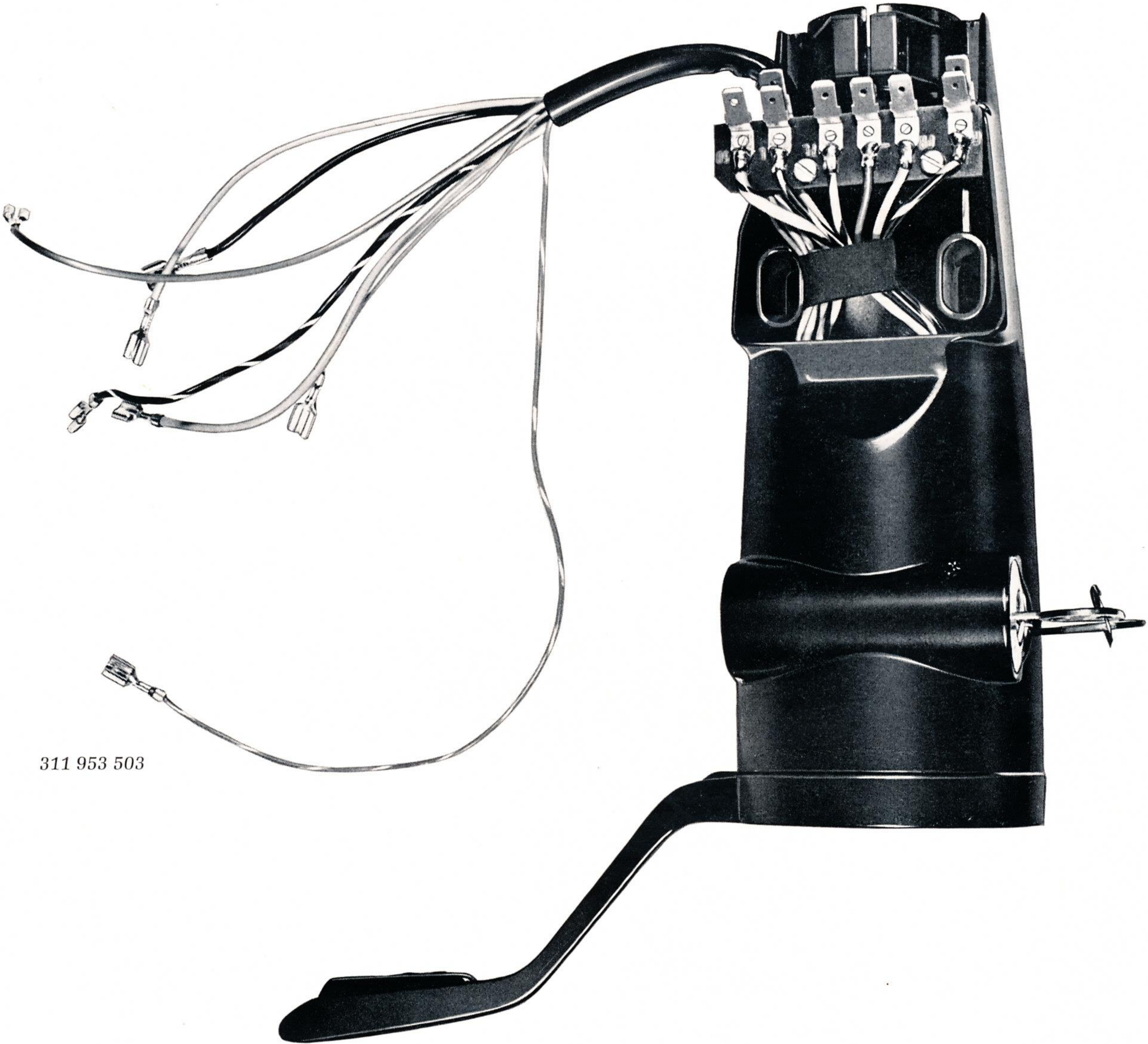
111 953 541



211 953 513 C
for USA and other countries

Flashing Indicator Switches with Steering-ignition-lock

Model	Knob	Colour	Switch	Introduced	
				from Chassis No.	up to Chassis No.
Type 3 311-314, 361-364	—	grey black	311 953 503	start of production	current
341-346		grey black	341 953 503	start of production	current

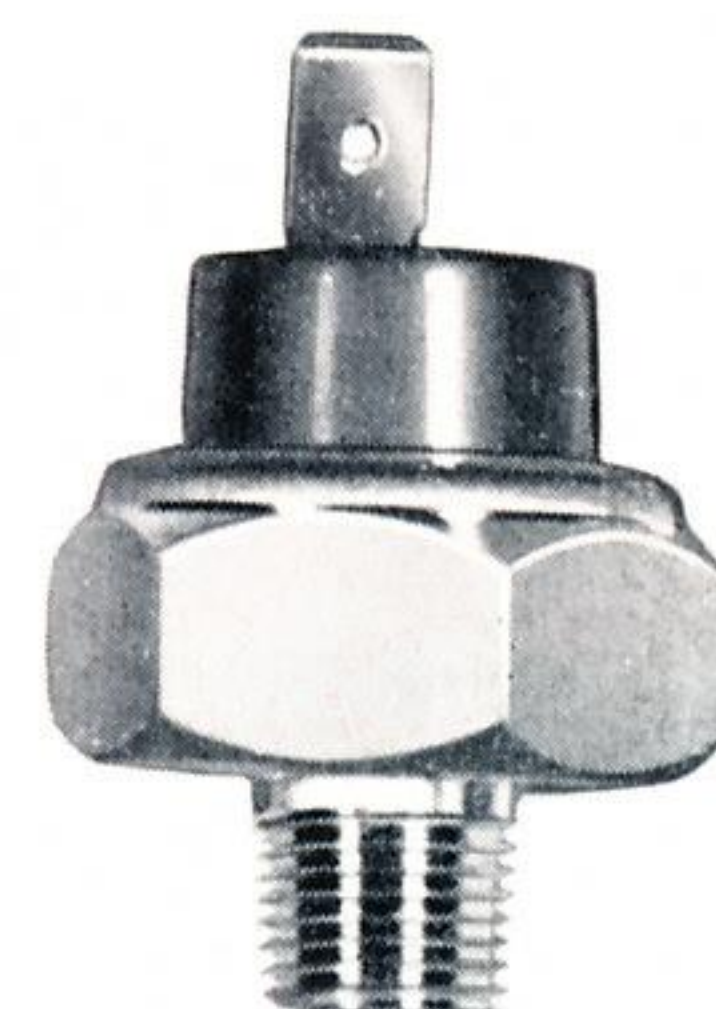


Oil Pressure Switches

Model	Switch	Suitable from Engine No.	up to Engine No.	Remarks
111, 112	111 919 081	start of production	1-090 761	
Type 1 all models	113 919 081	1-090 762	current	
Type 2	113 919 081	start of production	current	
Type 3	113 919 081	start of production	current	



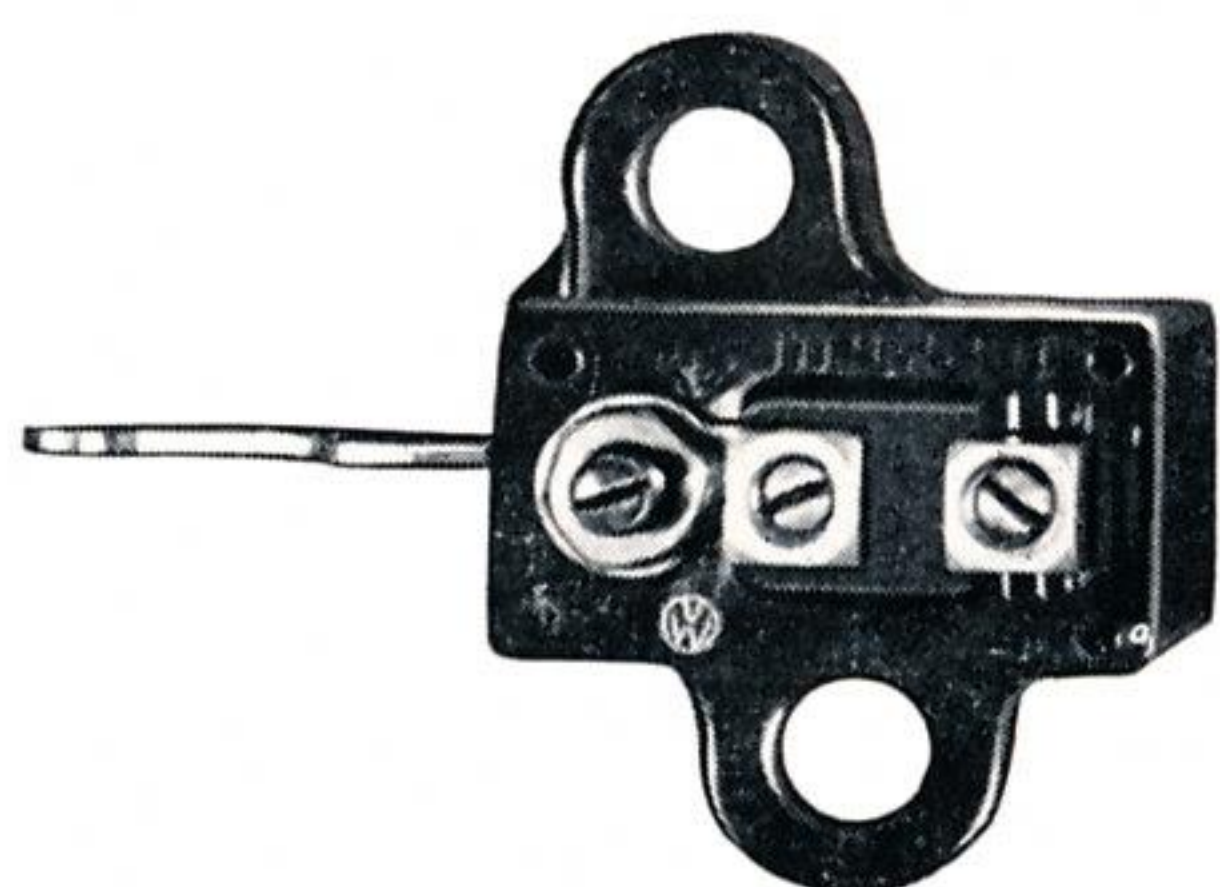
111 919 081



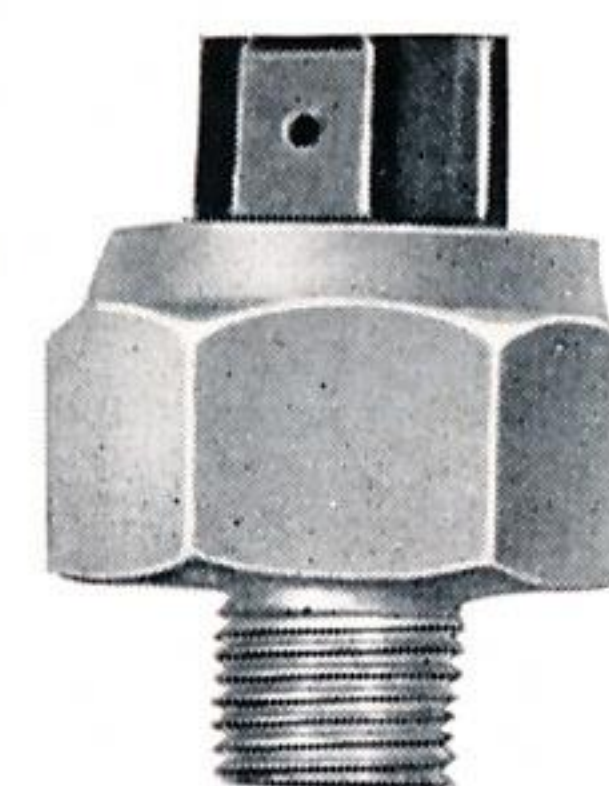
113 919 081

Stoplight Switches

Model	Switch	Suitable from Chassis No.	up to Chassis No.	Remarks
111, 112, 115, 116	111 945 511	start of production	current	mechanical brakes
113, 114, 117, 118, 141-152	113 945 515 B	start of production	current	hydraulic brakes
Type 2	113 945 515 B	start of production	current	
Type 3	113 945 515 B	start of production	current	



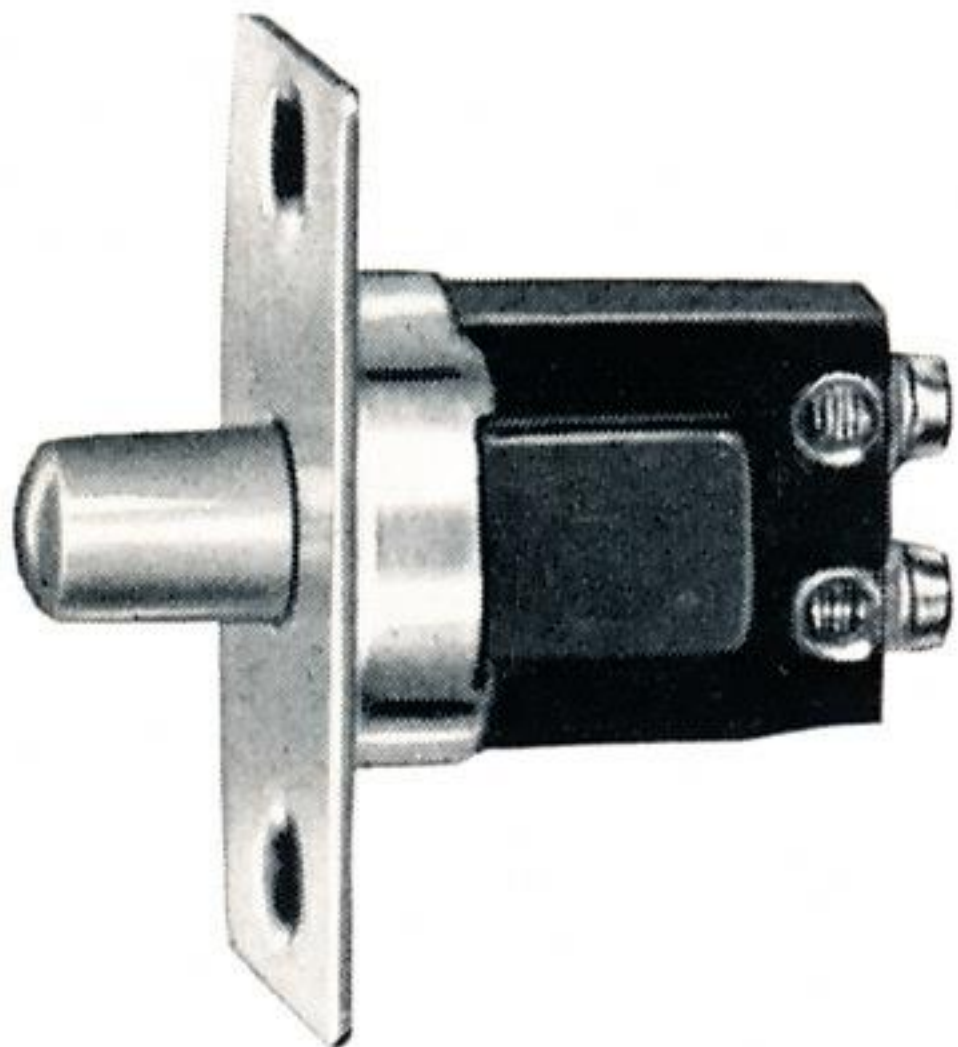
111 945 511



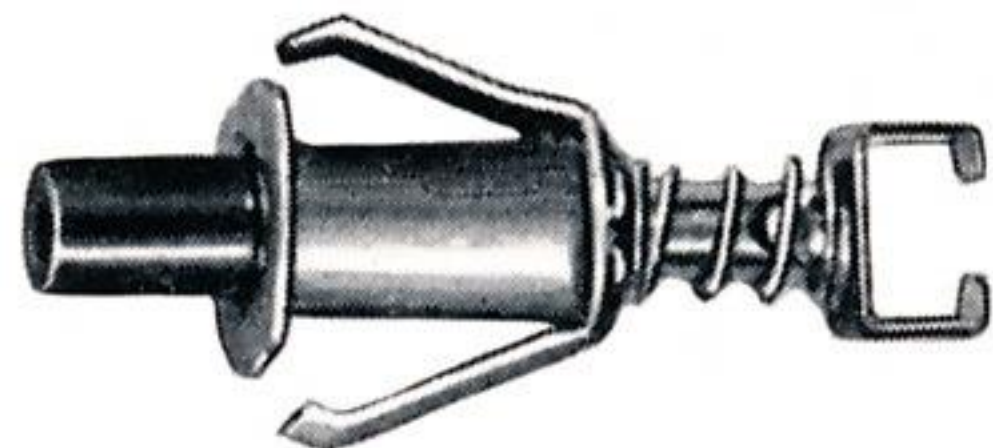
113 945 515 B

Door Contact Switches

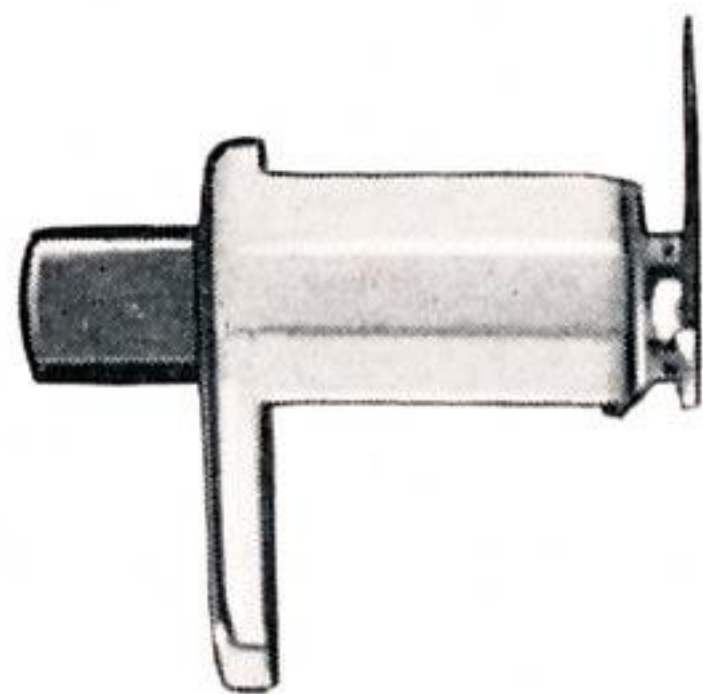
Model	Switch	Suitable	
		from Chassis No.	up to Chassis No.
113, 114, 117, 118, 151, 152	113 947 561	1-397 023	1-575 414
113, 114, 117, 118, 151, 152	113 947 561 B	1-575 415	3 192 506
113, 114, 117, 118, 151, 152	113 947 561 D	3 192 507	current
141, 143	113 947 561 B	start of production	3 192 506
141, 143	113 947 561 D	3 192 507	current
Type 3	113 947 561 D	start of production	current



113 947 561



113 947 561 B



113 947 561 D

Starter Buttons

Model	Switch	Suitable	
		from Chassis No.	up to Chassis No.
111-118, 151, 152	113 911 509	start of production	1-397 022
111-118, 151, 152	111 911 511	1-397 023	1-575 414
Type 2	113 911 509	start of production	20-041 711
	111 911 511	20-041 712	20-117 901



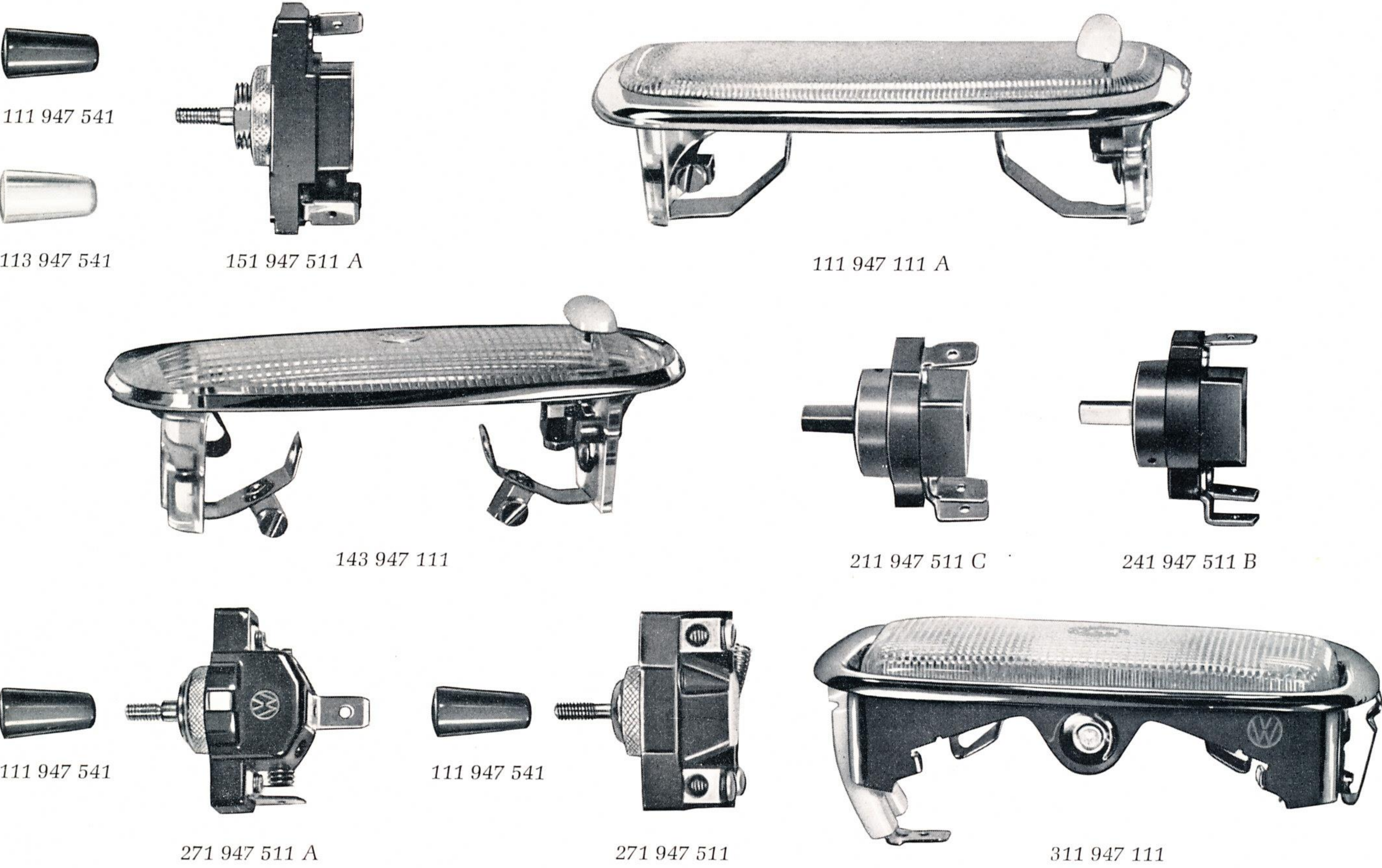
113 911 509



111 911 511

Interior Light Switches

Model	Knob	Colour	Switch	Suitable		Remarks
				from Chassis No.	up to Chassis No.	
111, 112, 115, 116	111 947 541	black	151 947 511 A	1-397 023	1-575 414	
111, 112, 115, 116	—	—	111 947 111 A	1-397 023	current	interior light with switch
113, 114, 117, 118	113 947 541	ivory	151 947 511 A	1-397 023	1-575 414	
113, 114, 117, 118	113 947 541	—	111 947 111 A	1-397 023	current	interior light with switch
151, 152	113 947 541	ivory	151 947 511 A	start of production	current	
141, 143	—	—	143 947 111	start of production	current	interior light with switch
211-216, 231-238, 271-274	111 947 541	black	211 947 511 C	start of production	current	
221-228, 241, 244	113 947 541	ivory	241 947 511 B	start of production	current	
271-274	111 947 541	black	271 947 511	start of production	614 455	
271-274	111 947 541	black	271 947 511 A	614 456	current	
Type 3	—	—	311 947 111	start of production	current	interior light with switch



Knobs for Choke Cables

Model	Knob	Colour	Suitable from Chassis No	up to Chassis No.	Remarks
111, 112, 115, 116	111 941 541 *)	black	1-397 023	current	
113, 114, 117, 118, 151, 152	113 941 541 *)	ivory	1-397 023	3 192 506	
141, 143	113 941 541 *)	ivory	start of production	1 649 252	
141, 143	141 941 541 *)	white	1 649 253	3 192 506	
211-216, 231-238, 261-274	111 941 541 *)	black	start of production	614 455	
221-228, 241, 244	113 941 541 *)	ivory	start of production	614 455	

*) The knobs 111/113/141 941 541 have M 5 thread



111 941 541



113 941 541



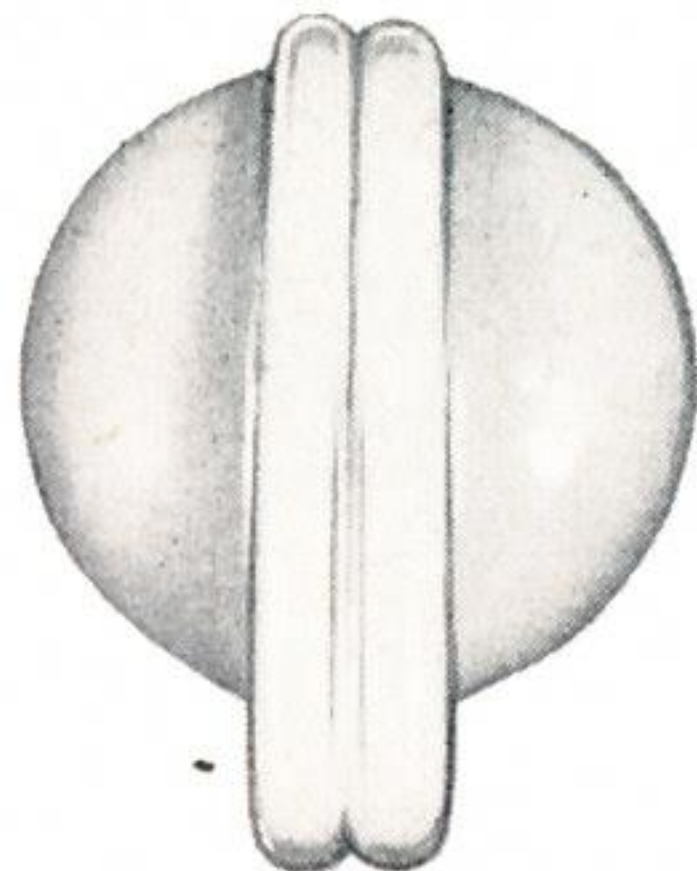
141 941 541

Switches for Headlights and Windshield Wipers for Old Instrument Panels

Model	Knob	Colour	Switch	Suitable from Chassis No.	up to Chassis No.
111, 112, 115, 116	—	black	111 925 079	start of production	1-397 022
113, 114, 117, 118, 151, 152	—	ivory	113 925 079	start of production	1-397 022
211-238, 261-274	—	black	111 925 079	start of production	20-117 901
241, 244	—	ivory	113 925 079	start of production	20-117 901



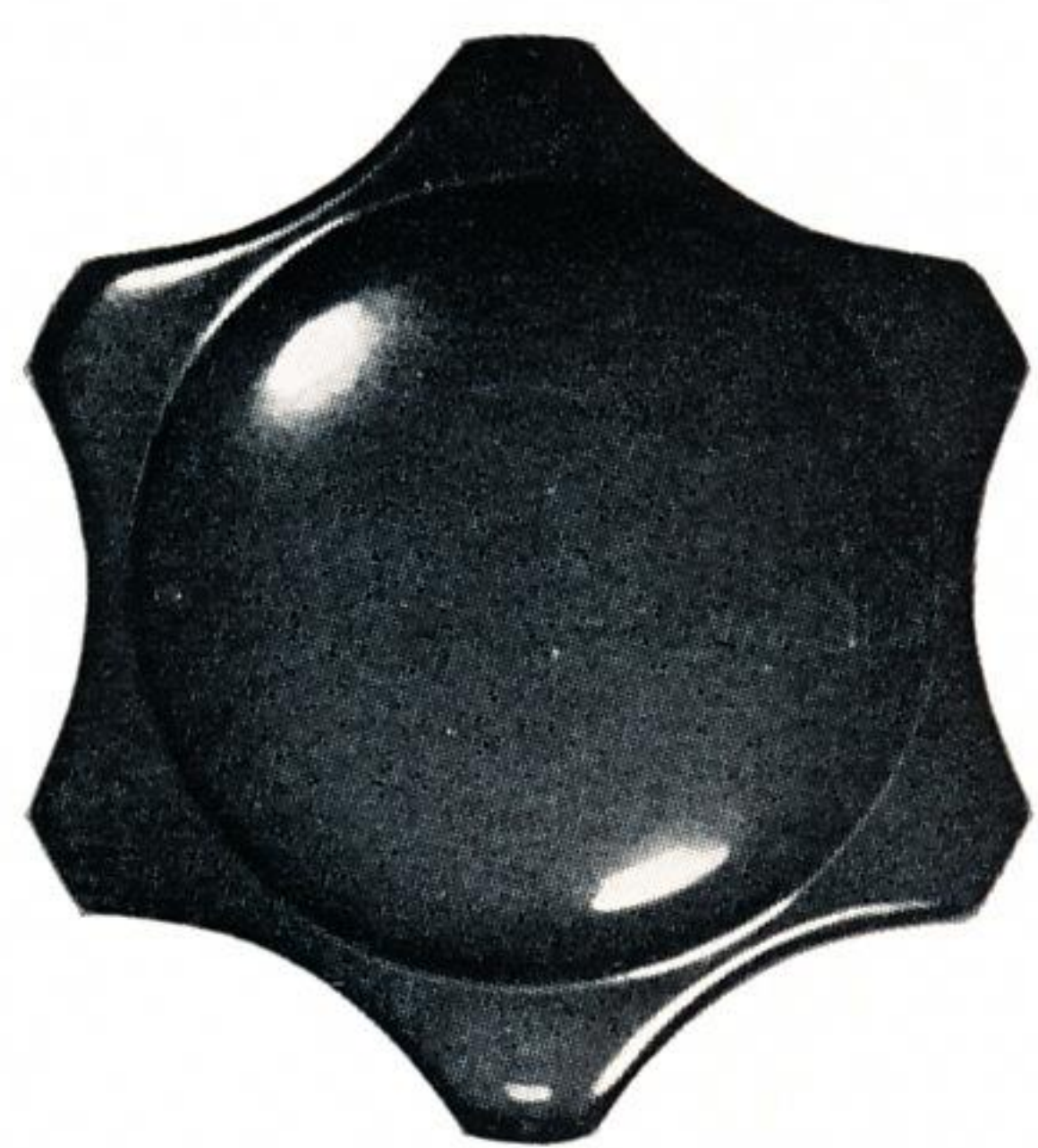
111 925 079



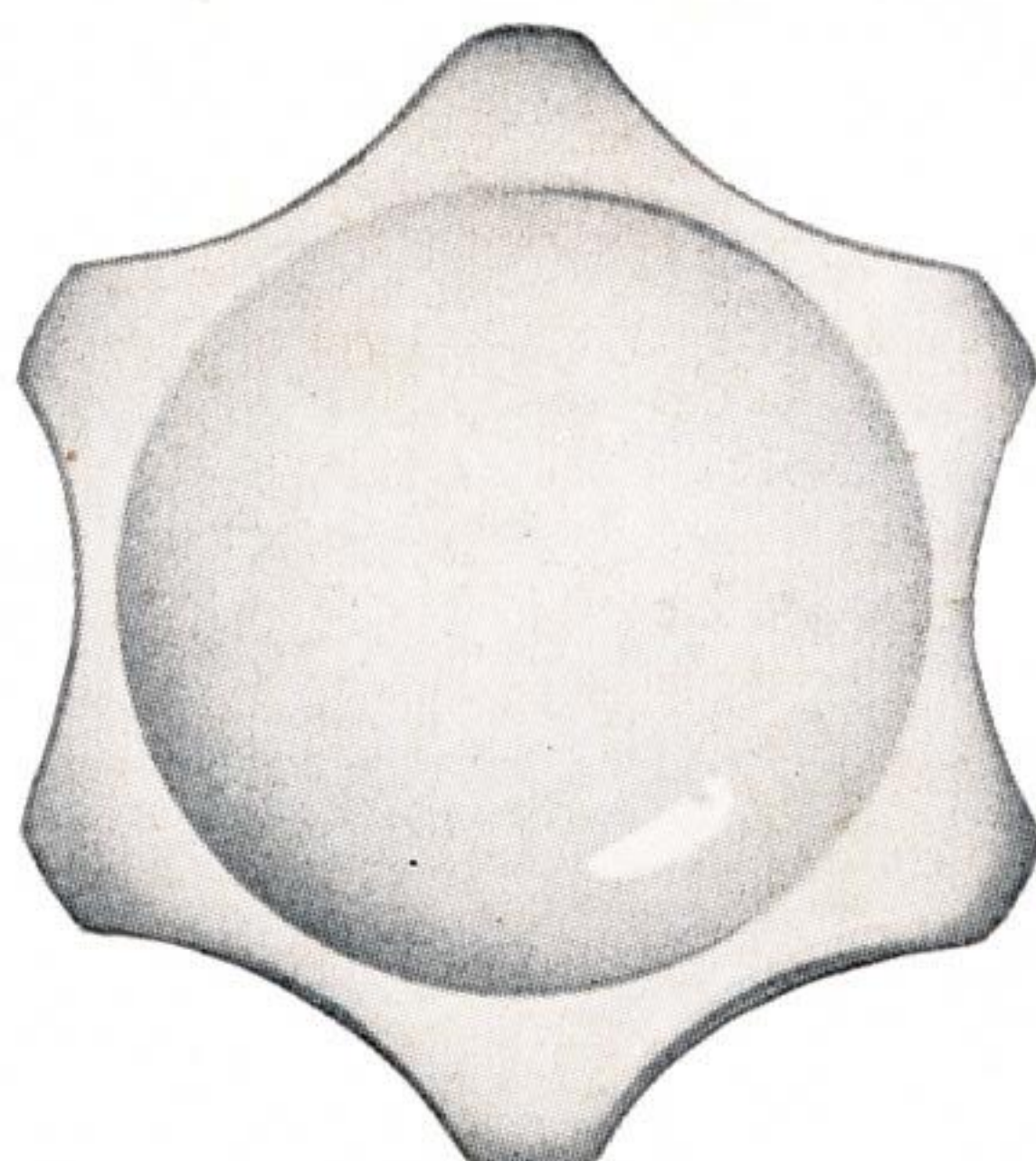
113 925 079

Knobs for Heat Control Cables

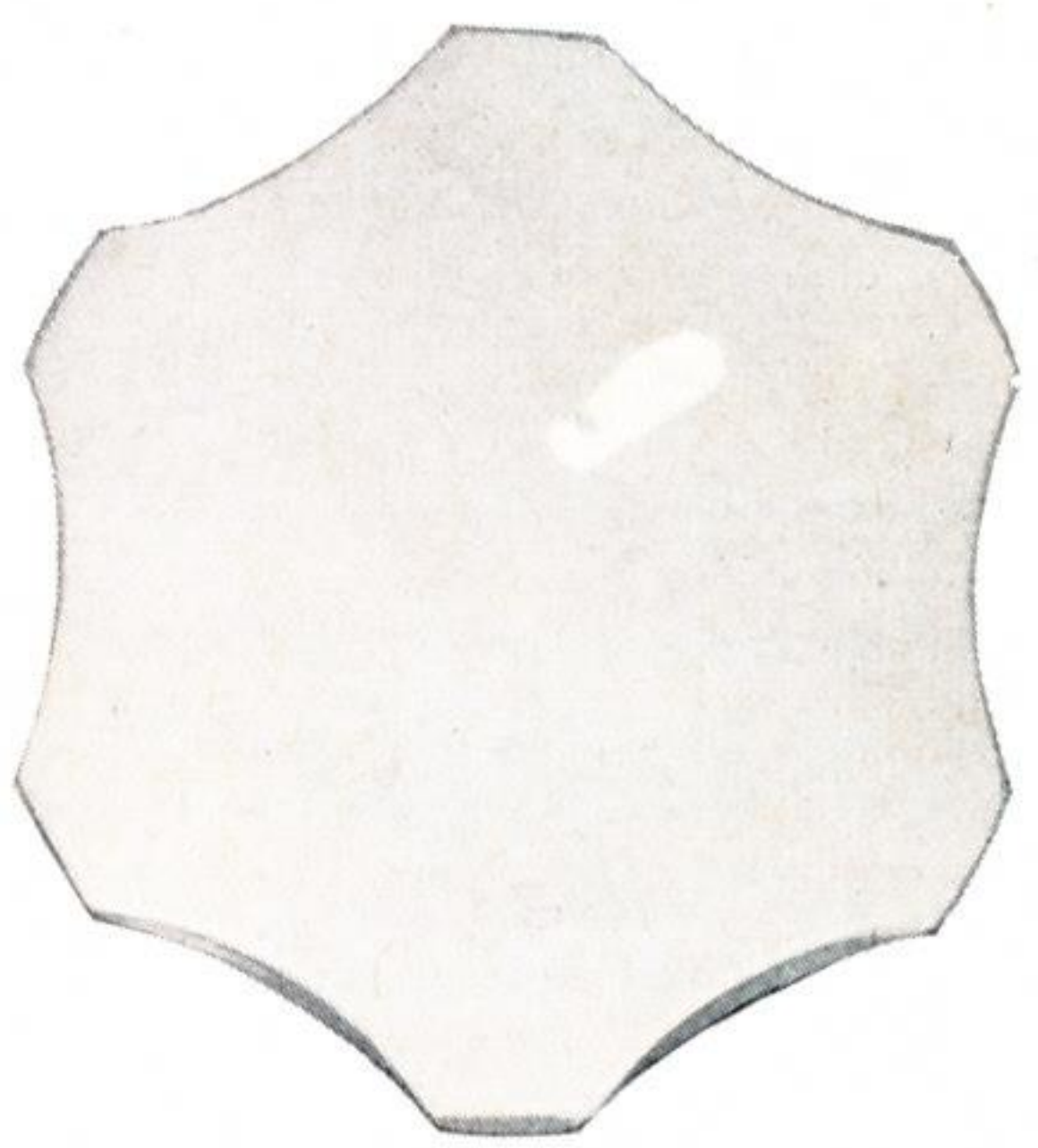
Model	Knob	Colour	Introduced		Remarks
			from Chassis No.	up to Chassis No.	
111, 112, 115, 116	111 711 611	black	1-162 444	1-397 022	
111, 112, 115, 116	111 711 623 A	black	1-397 023	current	
113, 114, 117, 118, 151, 152	111 711 611	black	1-162 444	1-397 022	
113, 114, 117, 118, 151, 152	113 711 623 A	ivory	1-397 023	current	
141, 143	113 711 623 A	ivory	start of production	1 649 252	
141, 143	141 711 623 OW	white	1 649 253	current	
Type 2 all models	111 711 611	black	start of production	20-117 901	
211-216, 231-238, 261-274	111 711 623 A	black	20-117 902	current	
221-228, 241, 244	113 711 623 A	ivory	20-117 902	current	
Type 3	141 711 623 OF	silver beige	start of production	current	



111 711 623 A



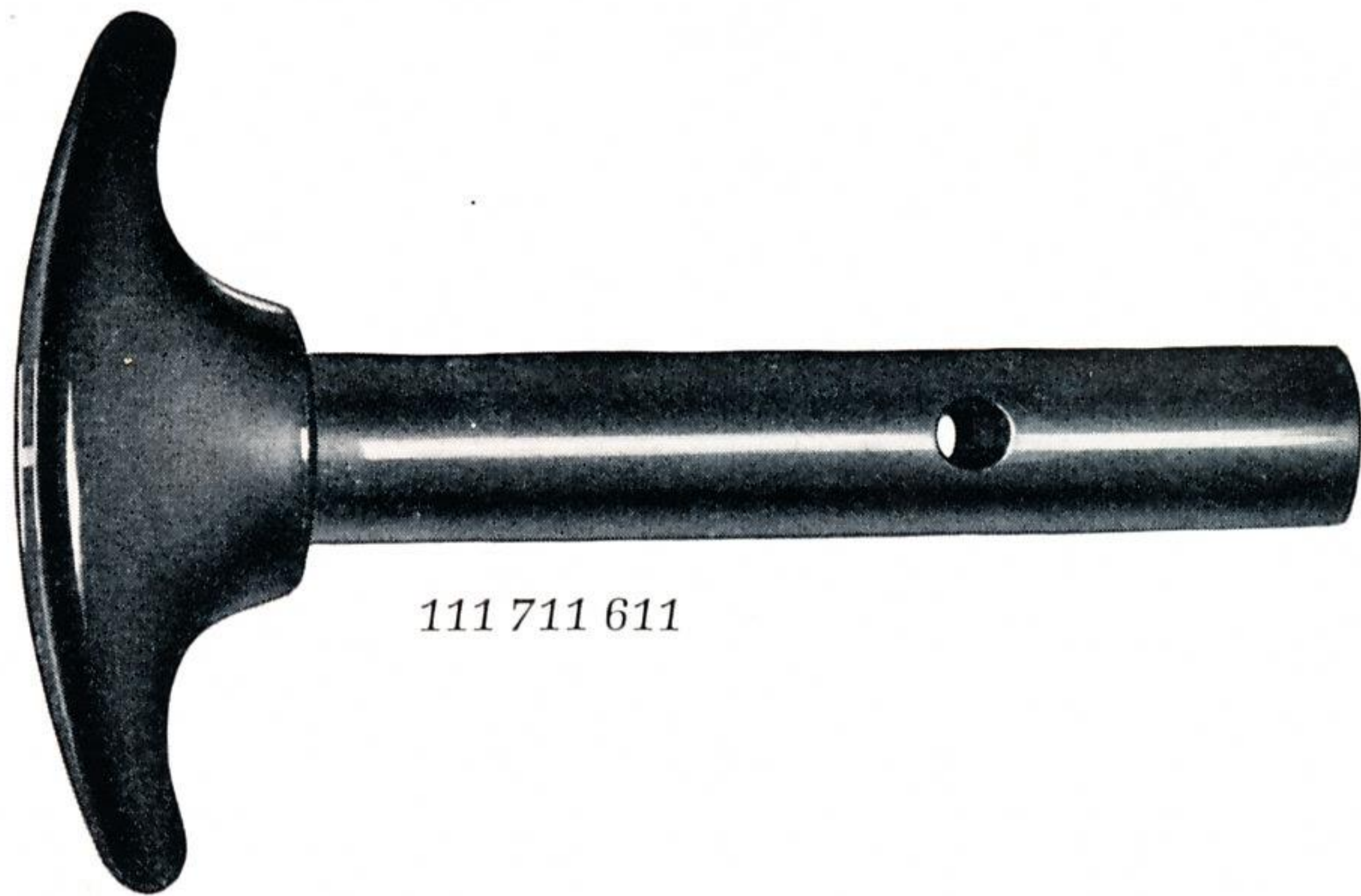
113 711 623 A



141 711 623 OW
(white)



141 711 623 OF
(silver beige)

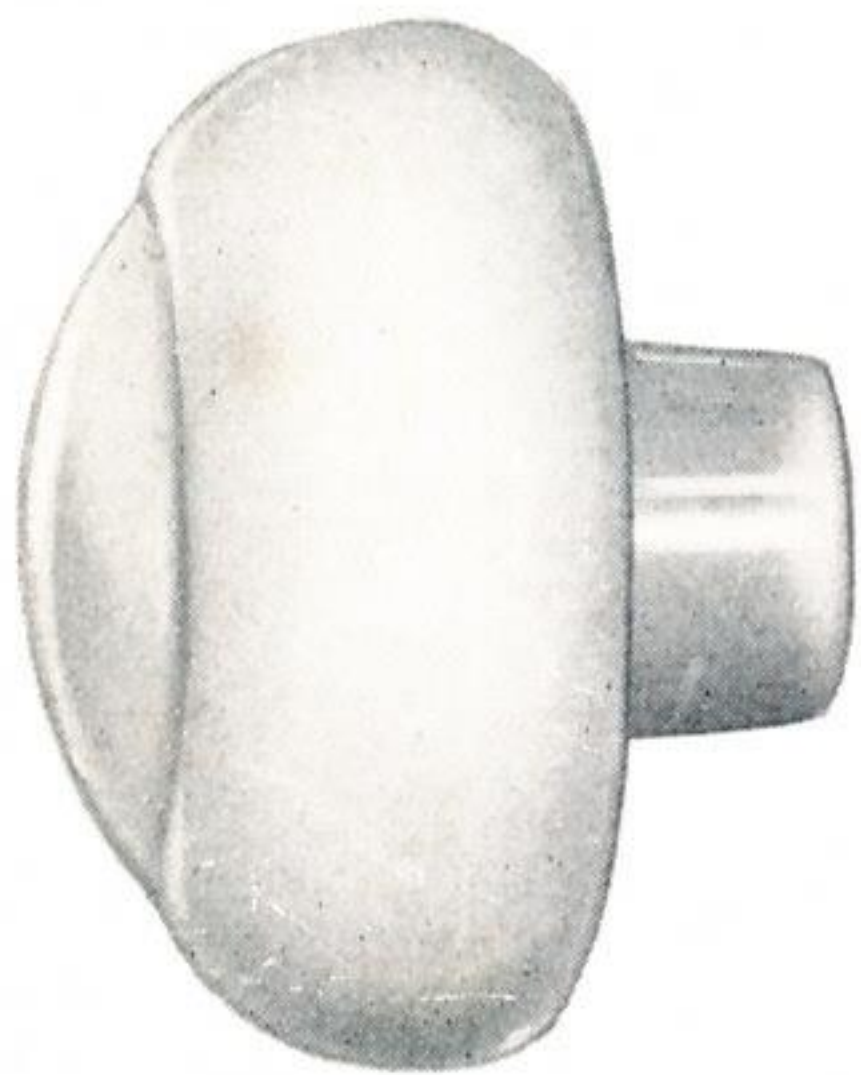


111 711 611

Gearshift Lever Knobs

Model	Knob	Colour	Introduced from Chassis No.	up to Chassis No.
111, 112, 115, 116	111 711 141	black	start of production	4 289 951
111, 112, 115, 116	111 711 141 A *)	black	4 289 952	current
113, 114, 117, 118 151, 152	113 711 141	ivory	start of production	4 289 951
	113 711 141 A *)	ivory	4 289 952	current
141–144	113 711 141	ivory	start of production	4 289 951
141–144	141 711 141 A *)	white	4 289 952	current
211–216, 231–238, 261–274	111 711 141	black	start of production	current
221–228, 241, 244	113 711 141	ivory	start of production	current
Type 3	311 711 141	silver beige	start of production	current

*) The knobs 111/113/141 741 141 A have M 7 thread



113 711 141



111 711 141



311 711 141

Rotary Knob for Front Seat Backrest

Knob	Colour	Introduced from Chassis No.	up to Chassis No.
311 881 161	anthracite	start of production	current



311 881 161

Release Buttons for Handbrake Levers

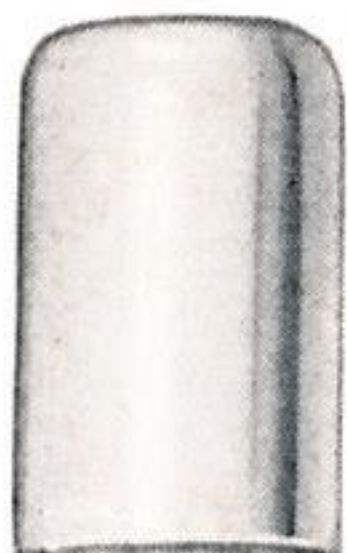
Model	Knob	Colour	Suitable	
			from Chassis No.	up to Chassis No.
111, 112, 115, 116	111 711 333 A	black	start of production	current
113, 114, 117, 118, 151, 152	113 711 333 A	ivory	start of production	current
141, 143	113 711 333 A	ivory	start of production	1 649 252
141-144	141 711 333	white	1 649 253	current
211-216, 231-238, 261-274	111 711 333 A	black	start of production	current
221-228, 241, 244	113 711 333 A	ivory	start of production	current
Type 3	311 711 333	silver beige	start of production	current



111 711 333 A



113 711 333 A



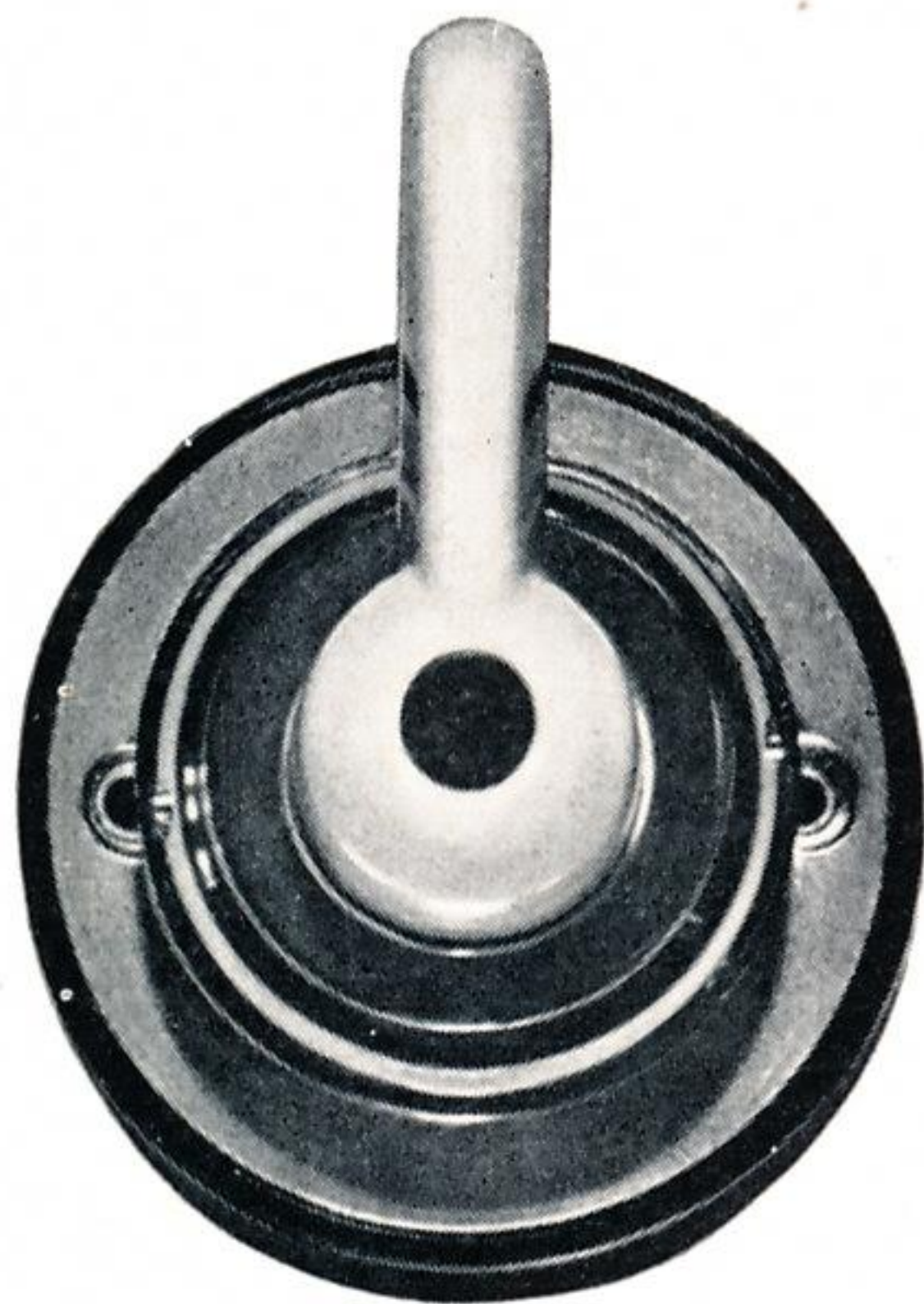
141 711 333



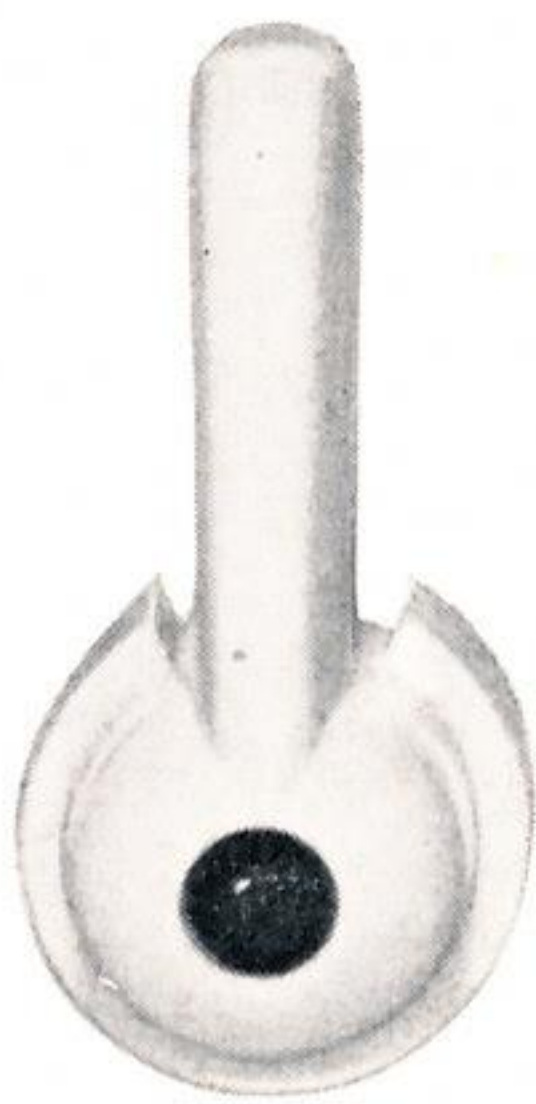
311 711 333

Switches for Fan-type Roof Ventilators

Model	Knob	Colour	Switch with Knob	Introduced	
				from Chassis No.	up to Chassis No.
271-274	211 959 513	ivory	211 959 511	20-117 902	current



211 959 511



211 959 513

