

ILL #	PART #	DESCRIPTION	ILL #	PART #	DESCRIPTION
1	111863107	RUBBER MAT fire wall, thru 1959		113863527	KNURLED NUT for wiring cover, 1956-1959
	111863107-BN	RUBBER MAT fire wall, thru 1959, brown	7	113863527A	KNURLED NUT for wiring covers, 1960-1969
	111863107-GY	RUBBER MAT fire wall, thru 1959, grey	8	113863891	CARPET PAD KIT 3/4 in. pad with tar paper layer in center, 3 pcs. kit
	113863107	RUBBER MAT fire wall, 1960-1965	9	113898743	FLOOR INSULATION KIT thick tar board, 4 pcs. original in 1960 and later cars.
	113863107-GY	RUBBER MAT fire wall, 1960-1965, grey		111875001	SUNROOF ASSEMBLY complete, less cover, good used, 1956-1963
	113863107A	RUBBER MAT fire wall, 1966-1972	10		SUNROOF COVER -- SEE NEXT PAGE FOR MATERIAL AND COLOR SELECTION
	113863107A-GY	RUBBER MAT fire wall, 1966-1972, grey		241875000	SUNROOF GUIDE KIT 1950-1955
	111863000	FLOOR MAT SET 1950-1953, set of 4, black	11	115875321	FRONT GUIDE SET 1955, pair
	111863000BN	FLOOR MAT SET beige, 1949-Oct. 52, w/o snaps deluxe only	12	115875325B	SUNROOF ROLLER KIT includes all the plastic rollers and rivets, 1956-1963
	111863001	FLOOR MAT SET 1954-1955, set of 4, w/ original straps (not installed), black		115875335B	INNER SUNROOF GUIDE front, 1956-1963, set
2	111863002	FLOOR MAT SET 1956-1959, set of 4, black	13	115875553	COVER HOLD DOWN PLATE rear, 1956-1963, round corner
	111863002-GY	FLOOR MAT SET 1956-1959, set of 4, grey	14	117877209A	SUNROOF SEAL rear, foam
3	113863311C	TUNNEL ONLY MAT 1956-1959, black	15	117877223C	SEAL KIT felt, front and rear 1964-1977, 1971-1972 super beetle
	113863311C-GY	TUNNEL ONLY MAT 1956-1959, grey		411877209	SEAL KIT seals sunroof opening to body, 1973-1979 super beetle
4	111863341A	HAND BRAKE BOOT thru 1964, black	16	117877305A	CABLE left, 1964-1977, std. beetle, 1971-1972, super beetle
	113863461	HAND BRAKE BOOT 1965 on, black		117877306A	CABLE right, 1964-1977, std. beetle, 1971-1972, super beetle
	113863461GR	HAND BRAKE BOOT 1965 on, black		133877305	CABLE left, 1973-1977 super beetle
	113863703A	FLOOR MAT over the tunnel type, front, 1960-1967, black		133877306	CABLE right, 1973-1977 super beetle
	113863703A-GY	FLOOR MAT over the tunnel type, front, 1960-1967, black	17	313877407	GEAR
	113863703K	FLOOR MAT 1968-1967, black, for cars with a foot rest on right front floor	18	N142122	SCREW sunroof gear to roof
	113863703K-GY	FLOOR MAT 1968-1967, black, for cars with a foot rest on right front floor, grey	19	117877365A	CABLE CHANNEL front left, white, 1964-1977, 1971-1972 super
	113863703T	FLOOR MAT 1973-1979, black, for cars with a foot rest on right front floor, black	20	117877366A	CABLE CHANNEL front right
	113863717C	FLOOR MAT over the tunnel type, rear, 1960-1972, black	21	N140851	SCREW for cable channel front left, white, 1964-1977, 1971-1972 super, set of 10
	113863717C-GY	FLOOR MAT over the tunnel type, rear, 1960-1972, grey	22	313877369A	CABLE GUIDE lower center, white, 1964-1977
	113863717J	FLOOR MAT over the tunnel type, rear, 1973-1979, black	23	117877433	FINGER PLATE 1964-1977
	113863740	FLOOR INSULATION KIT 4 pieces, fits under floor mats	24	311867167	SCREW finger plate
	113863509B	TRUNK LINER 1956-1960		311867169	COVER for above screw
5	113863509C	TRUNK LINER 1961-1967		253877453	SUNROOF CRANK HANDLE 1964-1967, white
	113863509F	TRUNK LINER 1968-1970	25	161877453	SUNROOF CRANK HANDLE 1968-1977
	113863509AA	TRUNK LINER 1971-1977, standard beetle only	26	313877471	SCREW sunroof handle, 1964-1967
	133863505B	TRUNK LINER 1971-1979, super beetle, lower		311867169	COVER for above screw
	133863507	TRUNK LINER 1971-1972, super beetle, upper		N142571	SCREW sunroof handle, 1968-1977
	1338630507D	TRUNK LINER 1973-1979, super beetle, upper	27	313877465	CUP under sunroof handle
6	113863515B-PL	WIRING COVER 1956-1967, plastic	28	117877259A	CENTER GUIDE COVER white, 1964-1977 std. beetle, 1971-1972, super beetle
	113863515K-PL	WIRING COVER 1968-1969, plastic	29	N143893	CLIP DOOR PANEL

### Adjusting Cables

1 - Partly open roof, detach trim panel and push it to rear. Close roof again.

2 - Remove small cap in crank, take screw out and remove crank.

- |            |                      |
|------------|----------------------|
| 1 - Cap    | 5 - Escutcheon       |
| 2 - Screw  | 6 - Screw            |
| 3 - Washer | 7 - Cable drive gear |
| 4 - Crank  |                      |

3 - Take escutcheon off.

4 - Back off two screws holding drive gear about six turns.

5 - Pull drive gear down until the gear no longer engages in the cables.

6 - Pull the two rear guides back level with the brackets on the top panel.

7 - Insert the lifters of the rear guides into the brackets in a vertical position.

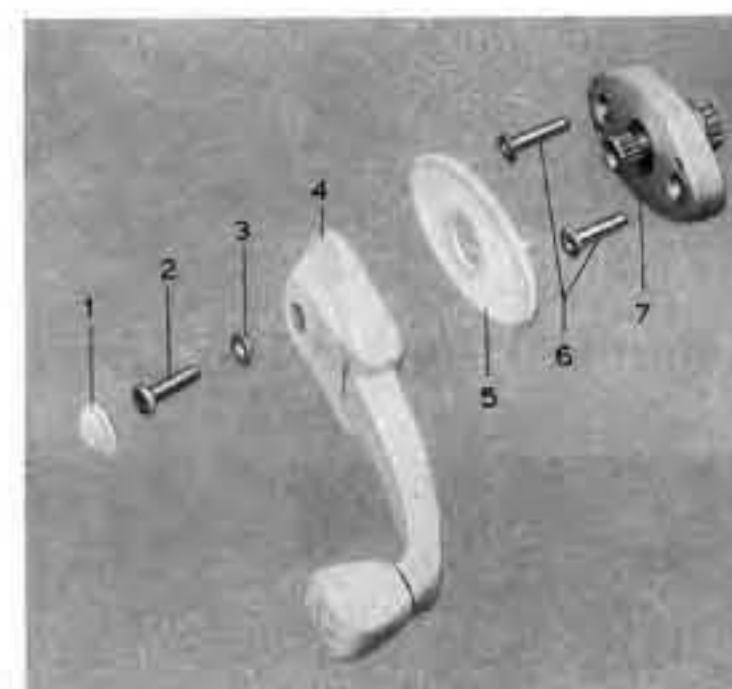
8 - Turn the drive gear shaft to the right as far as it will go (max. 12 turns).

9 - Press drive gear up again and tighten screws. Make sure that the gear engages in the cables properly.

10 - Fit escutcheon and crank.

11 - Check cable adjustment by opening and closing roof a few times.

12 - Pull trim panel to front and attach it to the top panel.



### Adjusting Height of Top Panel

#### Front

1 - Open roof slightly, detach trim panel and push it to the rear.

2 - Close roof.

3 - Loosen screws in front guides.

4 - Adjust the height of the panel by turning the knurled nuts on each side.

5 - Tighten screws in front guides again.

6 - Pull trim panel to the front and attach it to the top panel.



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#### Note:

On 25 November 1966, from Chassis No. 317 107 627, the front vertical adjustment of the steel sliding roof was simplified by the discontinuation of the previously used knurled nut M42x1 and the installation of a countersunk-head screw M10x1. These changes made it necessary to modify the steel sliding roof panel and the front guides.

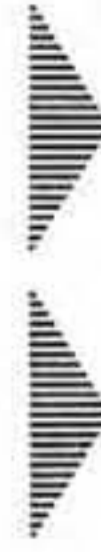
#### Repair notes:

The previous type parts will still be available. New roof panels can be installed on older vehicles and old roof panels can be installed in new vehicles, provided the appropriate parts for the front vertical adjustment are also used.

The adjustment instructions in this Section "Steel Sliding Roof" remain valid in principle. Instead of "knurled nut" read "countersunk-head screw".

## Rear

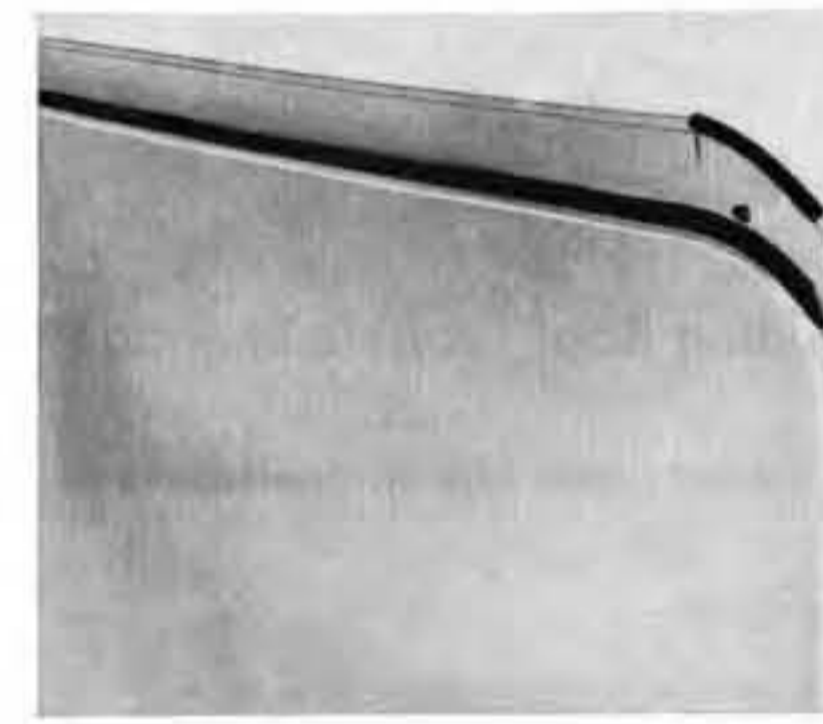
- 1 - Detach trim panel and push it to the rear.
- 2 - Close roof until the lifters in the rear guides are just about to lift.
- 3 - Loosen nuts on upper pins.
- 4 - Adjust the position of the lifter pin with the screw in the lifter until the height is correct.
- 5 - Tighten the nuts again.
- 6 - Check that roof slides parallel and adjust cables if necessary.
- 7 - Pull trim panel to front and attach it to the top panel.



- 1 - The long seal (velvet strip) is cemented to the front and sides of the roof opening and the short seal is cemented to the rear, using D 12 universal adhesive.
- 2 - Ensure that the short seal is cemented round to the ends of the rear panel corners. The long seal must be fitted so that there is no space between the two seals.
- 3 - There is also a rubber seal cemented to the rear edge of the sliding panel. The roof panel must be removed when it is necessary to renew this seal.



## Sliding Roof Sealing



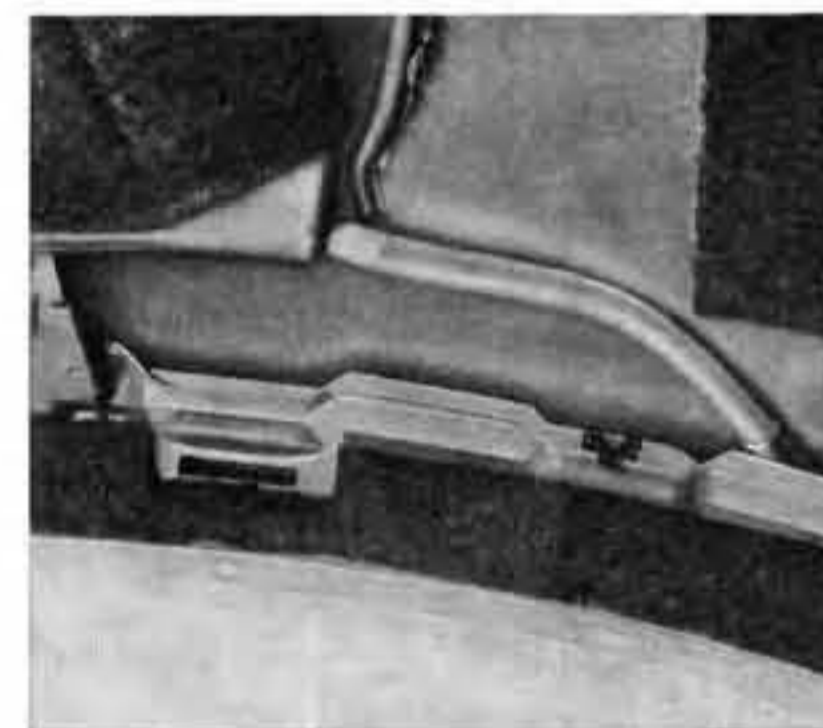
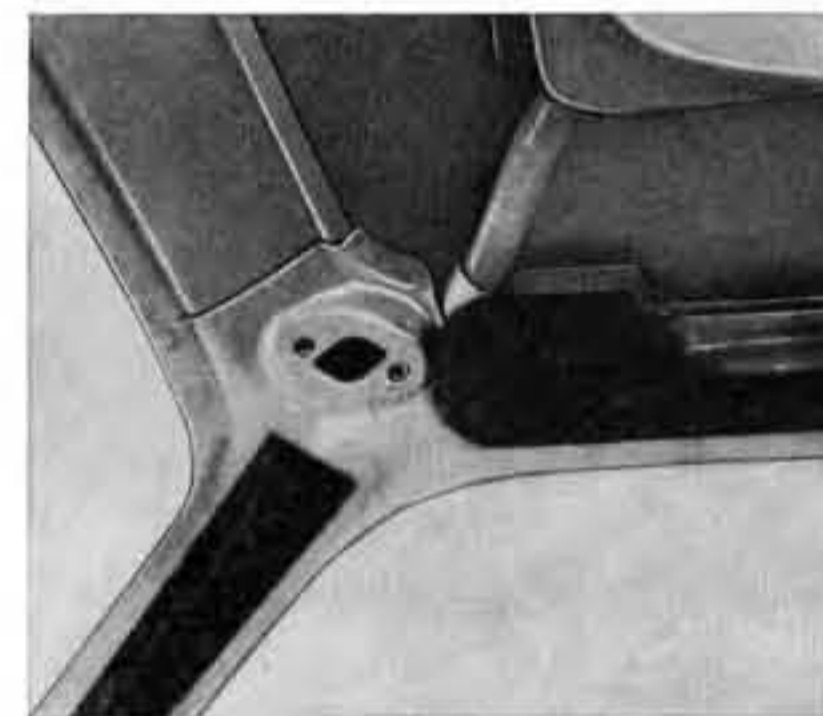
Water which enters the roof opening, runs along the channels in the roof frame and drains away through hoses in the front and rear roof pillars and side panels.

When blocked, the front drain hoses can be cleared from above with compressed air or flexible steel wire after opening the roof. The fenders must be removed to clear the rear hoses from below.

When installing a new drain hose, ensure that it is not kinked.

It is advisable to apply a small amount of D 12 adhesive to the hoses and cement them on the drain-pipes.

## Water Drainage



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### Note:

On 21 April 1966, from Chassis No. 316 249 508, the previously used special sealing compound was replaced with an elastic rubber seal to attain better sealing between the casing, into which the roof panel slides, and the roof.

Primed **bodies and roofs without fittings** obtained from the Parts Department must be subsequently sealed at the roof casing. To do this, the rubber seal, Part No. 317 877 297, must be evenly and firmly pressed into the channel-shaped edge round the roof casing. The rubber seal must not be pulled taut as otherwise it will contract in time and cause drafts.

## Sliding Roof Trouble Shooting

- 1 - Roof panel lifts on one side

### Cause

a - Lifter is not contacting the ramp.

b - Cables or drive gear damaged.

c - Lifters set too low.

**Remedy:**

- a - The ramp in the roof frame water channels must be properly aligned with the lifter (angled metal lug of rear sliding panel mounting plate).

Set ramp so that the contact point of the lifter is at the center of the ramp. The ramps must be so located longitudinally that at the moment the front panel edge touches the front seal, the lifters are at an angle of 45°.

The contact point of the lifter can be altered by tapping the ramps forward or backward.

- b - Fit new cables or drive gear.
- c - Adjust lifters properly.



## 2 - Roof panel does not run parallel

**Cause:**

- a - Cables not adjusted properly.
- b - Cables or drive gear damaged.

**Remedy:**

- a - Adjust cables or height of panel.
- b - Fit new cables or drive gear.

## 3 - Drive gear not engaging properly

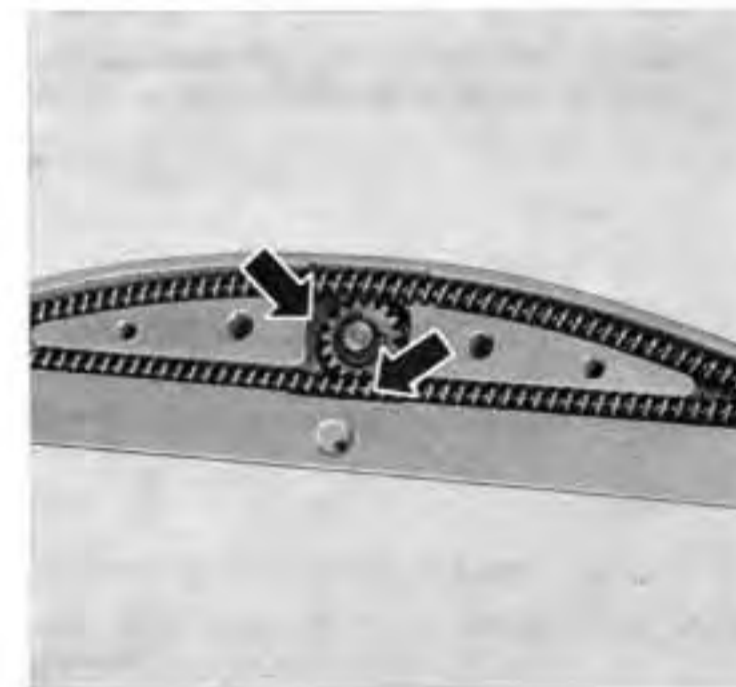
**Cause:**

The cable is not projecting far enough into the center cable guide: This causes rapid wear on gear teeth.

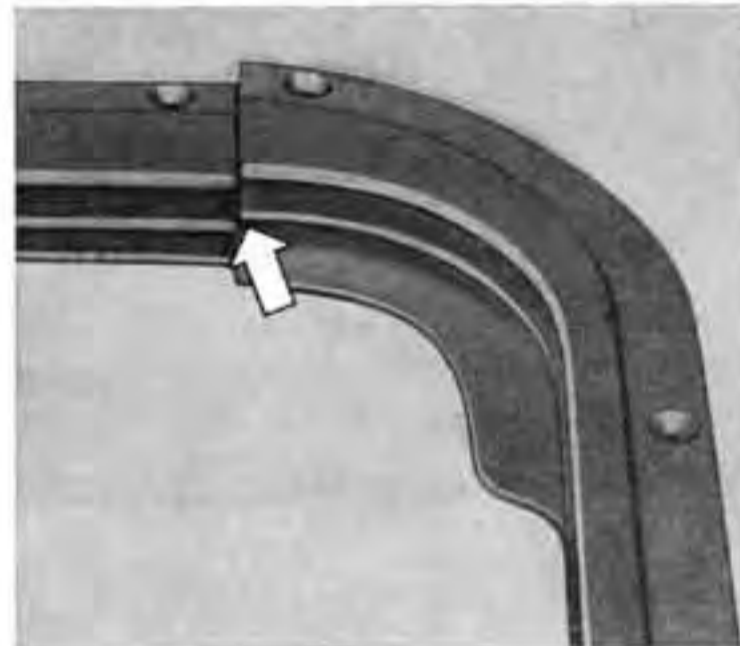
**Remedy:**

Check if the drive gear escutcheon is contacting the cable guide:

- a - It may be necessary to enlarge the clearance hole for the drive gear in the roof.
- b - The padding or headlining is badly creased around the hole for the drive gear or has become jammed between drive gear and hole: Stick padding and headlining into position properly.



## 4 - Roof panel cannot be moved in either direction



**Cause:**

Upper or lower guide pieces not properly aligned with the side guide channels so that the cable can catch on the projecting corners.

**Remedy:**

Clean traces of priming paint out of the front corners of the roof opening or align channels by fitting washers or packing pieces. If necessary, chamfer the ends of the parts slightly.

## 5 - Roof panel rattles when open



**Cause:**

Too much play at front guides.

**Remedy:**

Press front guides together.

## 6 - Frame panel rattles or buzzes

**Cause:**

Frame panel not contacting roof.

**Remedy:**

Insert felt between frame panel and roof. The gap between frame panel and roof thus created should be sealed as otherwise the wind will force the headlining down when vehicle is moving.

## 7 - Roof leaks

**Cause:**

Front or rear drain pipes blocked.

**Remedy:**

- a - Clear pipes with flexible wire (old speedo cable).
- b - If the trouble cannot be cured in this way, detach headlining on side concerned. The radius of the drain pipe should then be increased so that kink in hose is eliminated.