1982-83 Seca Turbo Mirror Pad & Boot Installation

BDesigns offers a limited warranty on these parts for 6 months from date of purchase against materials and workmanship. Wear or damage from improper installation, regular use, abuse or accidents is not covered.

These components are made with high quality urethane rubber products from Smooth-On™ Inc. Urethane rubber products react differently to temperature changes than natural rubber products. The durometer (hardness and flexibility) of these products is measured in temperatures above 72 degrees F. Higher temperatures will make these products more flexible and lower temperatures will make them less flexible. Since there a limited number of durometers available and for quality reasons, these products have a higher durometer than the OEM parts, but will better retain their shape.

It is important during installation, that these parts be pre-warmed in hot water. Depending on the ambient temperatures in your region, you may need to periodically warm them with a hair dryer during installation. When installed properly, and in normal temperatures, these parts will perform like the OEM parts. Please remember that in cold temperatures, these parts are not very flexible, however, once they are set into position during assembly, they will retain their set shape in cold weather.

WARNING!!

FAILURE TO INSTALL THE MIRROR BOOTS EXACTLY AS INSTRUCTED MAY CAUSE TEARING OR OTHER DAMAGE TO THE BOOTS ALONG THE BOTTOM OF THE PART. DO NOT PULL OR OVERSTRETCH THE BOTTOM OF THE BOOT. READ THE DIRECTIONS FIRST AND COMPLETELY BEFORE YOU START TO INSTALL THE NEW PARTS.

Notes:

- The mirror base pads and boots are made in pairs (left and right handed). The mirror pads have an "L" or "R" on the top surface that indicates left or right. The mirror boots have an "L" or "R" on the inside bottom face that indicates left or right.
- There are small metal spacers that are inset into the original mirror base pads. These must be taken out of the original part and saved for installing into the new base pads.
- Right hand assembly instructions are shown, left hand is opposite.

Items Required

- Medium sized Phillips screwdriver.
- 13mm Box or Open End wrench. **DO NOT USE A SOCKET WRENCH!**
- Bucket of hot water.
- Hair dryer depending on air temperatures.
- Silicone adhesive caulking.
- Very thin narrow piece of wood such as a Popsicle stick or tongue depressor to aid in assembly. You may use a blunt kitchen or butter knife, but great care must be taken so as not to scratch the windshield.
- Masking tape (optional).
- Towel or blanket to protect windshield.

Procedure

Step 1 - To minimize potential damage during the work, you can place (and tape) a towel or blanket over the windshield in the areas you will be working on to prevent any scratching. Remove the mirror assemblies from the windshield. Remove the mirror base pads. The mounting holes in the bottom of the metal mounting plate are off-centre. Observe the position of the holes in the plate in relation to the mirror when removing, so you know the correct position of the mounting plate during re-assembly. Remove the bottom mounting plate entirely from the mirror assembly. Remove the old boot from the mirror post.

Step 2 – Place the mirror base pads and/or boots in the hot water for approximately 5 minutes. Remove the mirror base pads after 5 minutes and dry them off. While preparing the mirror base pads for installation, the mirror boots can remain in the hot water.

Step 3 - To make installation easier, we recommend putting a dab of silicone on the face of the counter bored hole that the plastic washer sits into on the mirror stem. This will hold the washer in place during installation of all the other parts. Do this to both sides of the mirror post.

Step 4 - Remove the metal spacers from the OEM base pads and install them in the reproduction base pads as shown above.

Step 5 - Make sure the post is centrally located inside the new boot. This may require putting the new boot on, checking location, take boot off, then move post and re-install boot. Install the reproduction boot in the same position that the old one was removed. Make sure the boot is positioned properly as shown above. Please note the webs. These webs are referenced further in the instructions.

Step 6 - Make sure the hex cavity for the bolt head is facing inboard of the mirror assembly. While holding the mounting plate between your fore finger and thumb, use your other fingers and palm of your hand to put pressure on the ends of the boot to make the side of the boot bulge out **just enough** to allow access to insert the bolt into the hole. **DO NOT PULL ON THE SIDES OF THE BOOT!** Align the hole in the mounting plate to the hole in the mirror post. Swing the bolt down and into the bolt hole/socket as shown. To install the nut, "bulge" the other side of the boot in the same manner to allow **just enough** room to start hand threading the nut. Tighten the nut with your fingertips as much as you can. Release pressure on the boot.

Step 6 - WITHOUT PULLING ON THE SIDE OF THE BOOT, slide the wrench into the boot and onto the head of the nut as shown. While holding the metal mounting plate **only**, tighten the nut until it is snug, but still allows the bottom mounting plate to pivot somewhat freely.

Step 7 - While holding the mirror assembly, place the base pad under the mounting plate and align the holes. Push the rear of the mirror boot out of the way slightly to allow inserting the rear mirror mounting bolt through the mounting plate and through the hole in the base pad. Pivot the mirror forwards so it pivots out of the way enough to get a screwdriver into the head of the screw. The screwdriver can be allowed to slightly compress into the rear of the boot, as shown. While keeping these parts aligned, align the bolt into the mating hole in the windshield and loosely fasten the bolt down.

Step 8 - Push the mirror rearward so it pivots out of the way **just enough** to gain access to the front screw hole. Insert the second screw and align it to the hole in the windshield. Place the screwdriver into the head of the screws. The screwdriver can be allowed to compress into the front of the boot, as shown. Fasten the screw down completely. Pivot the mirror forward again to access the rear bolt. Tighten the rear bolt down completely.

Step 9 - Pivot the mirror back **slightly** more as shown above to allow the wrench to access the arm pivot bolt. **DO NOT PIVOT ALL THE WAY BACK.** While keeping the mirror pushed slightly back as shown in the picture above, obtain the Boxed or Open End wrench and place into the opening indicated by the straight arrow. Tighten the post bolt until it is snug enough to allow normal mirror adjustment.

Step 10 - Grasping the boot as shown, push down and forward to allow the web to go over the front of the metal mounting bracket which is behind the boot. Pull back so the web goes under the "slot" in the bottom of the mounting bracket. While doing this, you should push down with a Popsicle stick, tongue depressor or similar thin, firm plastic object, along the front top edge of the base pad, as indicated by the red arrow. This will allow more clearance for the web on the mirror boot to go into the "slot". If you use a metal object, be very careful because if it slips, you may scratch the windshield. **DO NOT FORCE/PULL THE MIRROR BOOT WEB INTO THE "SLOT" WITHOUT CREATING THE CLEARANCE FOR THE WEB. THIS MAY DAMAGE THE WEB ON THE BOOT.**

Step 11 - Grasping the boot as shown, pull back slightly then down slightly to allow the web to go over the back of the metal mounting bracket which is behind the boot. Push forward so the web goes under the "slot" in the bottom of the mounting bracket. While doing this, you can push down with a Popsicle stick, tongue depressor or similar plastic object, along the back top edge of the base pad, as indicated by the red arrow. This will allow more clearance for the web on the mirror boot to go into the "slot". If you use a metal object, be careful because if it slips, you may scratch the windshield. **DO NOT FORCE/PULL THE MIRROR BOOT WEB INTO THE "SLOT" WITHOUT CREATING THE CLEARANCE FOR THE WEB. THIS MAY DAMAGE THE WEB ON THE BOOT.**

Complete, showing the proper positioning of the parts!