

TOP SHELF RARE PARTS

Wide-Angle Lens Install

2006-2008 Subaru Forester XT

The TopShelf Convex Lenses install into the oem black plastic frame that surrounds the lens. In order to remove the lens, the frame must first be removed from the mirror housing.



1. Check for adjustment stops/clips.

On the back of the lens frame there are arch-shaped metal stops that clip into the plastic in the upper left and right sides. These can be removed by moving the lens to the far southeast and southwest corners (tilt the lens all the way down and then to the far left and right). Then use a long set of needle nose pliers to grab the metal stop at the base close to the frame. Pull upward and out toward either upper corner.







2. Remove lens frame.

The black plastic lens frame is clipped into the white plastic adjustment panel behind it. The clips are at the two bottom corners. Tilt the lens all the way upward. Then tilt the lens to the far right. Look up, behind the lens frame and locate the indentation in the white adjustment panel. Use a plastic interior trim removal tool to pry between the white panel and the frame at the indentation mark. The frame will pop out of the clip on the panel. Tilt the lens to the opposite side and repeat. Once both sides have been loosened, the frame can be lifted out. The frame has two plastic tabs at the top that hook into the top side of the adjustment panel. Grab the frame at the two bottom corners and slowly lift out and upward.



Don't lift more than 45° from the face of the mirror housing.

This motion is releasing tabs so you can pull the frame out. After lifting the frame out and up, and with it still in your hand, gradually pull down and out. This will free the tabs out of the adjustment panel.



3. Separate lens from lens frame.

The lens frame is attached to the lens with double-sided tape. The easiest and safest way to remove the frame is with a little heat. Grab a heat gun and gradually heat the back of the lens frame. Keep the heat gun moving around, do not keep heating one area.



After warming the back of the lens frame, take a plastic trim removal tool and gently slide it between the frame and the lens. This will help separate the lens from the frame.



Flip the lens frame back over and gradually pry the frame edges around the edges of the lens. Start in one corner and work your way around. The lens will come right out.

4. Install TS wide angle lens.

Carefully remove the lens from the package. Double-sided tape can be added to the back of the lens if you choose, but it is not required. The lens will clip into the frame just like the oem lens. Start with one corner and work the frame around the edge (use your heat gun on low, to slightly warm the black lip) or the lens (the reverse of removing the oem lens).



5. Install lens frame into mirror housing.

This will be the reverse of removing the frame. Set the adjustment panel so its facing as far down as possible. Locate the two tabs on the back of the lens frame and slide those into the two holes in the adjustment panel. Once the tabs are in the holes gently push the frame inward and down to lock the tabs into the adjustment panel.

Now set the adjustment panel all the way up making the bottom edge move outward. This will provide the most space to clip the bottom edge of the lens frame into the adjustment panel.

The lower part of the frame has two clips that fit into the two slots on the adjustment panel. Place a plastic trim removal tool behind the adjustment panel to give you some leverage while pressing on the lower edge section of the lens frame (fingers can be used if you can get them behind the adjustment panel). Do not press on the middle of the lens! Clip one bottom side in at a time.



6. Test lens adjustment.

With the lens frame now back in the housing, the adjustment can be tested. Using the mirror controls, check the mirror adjusts to the left and right, top and bottom.