

2001 Subaru Forester Four-Door Utility

Vital Info

NAGS® Number

FW2058

FW2119 heated wiper park

Windshield Removal

Pre-inspect the vehicle with the customer present or with a pre-inspection worksheet. Note all damage to the exterior, interior, and mechanical devices pertaining to the windshield replacement. See step one of The Seven Steps of Installation for further information.

Double check for correct glass parts, moldings, and miscellaneous supplies.

Put on all personal protection equipment (PPE) to reduce injury.

Protect the vehicle interior and exterior surfaces from possible damage. See step two of The Seven Steps of Installation for further information.

As parts are removed from the vehicle, place them in an area where they will not be damaged or misplaced.

Remove the unique wipers by removing the nut caps and removing the 14 mm nuts.

Remove the two-piece cowl panel by first removing the fender water diverters. They are held in place by a push-in fastener. Remove the hood weather-strip bulb. Then use a thin-blade screwdriver and release the clips on the leading edge of the cowl. Lift up. Remove the cowl panels.

The A pillar moldings are clipped down and tuck under the roof-mounted luggage rack. It is recommended that clips be obtained before beginning work.

The top molding is a wraparound style and may require replacing.

The electrochromatic mirror is removed by first removing the wiring box mounted under the mirror. There is an access hole to insert the screwdriver. Pull the spring-loaded mirror away from the pad.

Prior to removing the glass from the vehicle, remove any debris from between the glass and the body.

Cut out the glass part with tools of choice.

Attach vacuum cups to the outside surface of the glass after wiping the surface clean.

Dry-set the new glass and create alignment markings.

Remove all but 1–2 mm (1/16 inch) of existing adhesive from the pinchweld area.

Caution: Do not touch or contaminate the existing adhesive once it is trimmed.

Installation

It is absolutely necessary to use an adhesive system. Do not mix products. This can include, but is not limited to, preps, primers, cleaners, and adhesive. Follow all installation procedures recommended by the vehicle or adhesive manufacturer.

Note: Depending on the technician's decision on where to apply the adhesive—on the pinchweld or glass—the priming steps for the pinchweld and glass may be reversed to allow proper time for the primers and preps to dry.

Remove safety gloves and put on nitrile gloves.

Check all clips for damage. If broken, replace them.

Apply metal primer to any exposed paint and/or scratches caused by the removal process. Allow to dry thoroughly according to the adhesive manufacturer's recommendations.

Clean the glass with a lint-free disposable cloth.

Attach the top molding to the glass edge.

Apply any or all preps and/or primers to the bonding surface of the glass. Allow to dry thoroughly.

Apply a "V" bead of adhesive to the glass or pinchweld. Make sure that the height of the "V" and the size of the bead are consistent with the vehicle manufacturer's requirements.

Set the glass and apply pressure to assure contact is made between the two bonding surfaces. Do not apply too much pressure.

Check for leaks with leak detector or water.

Re-install all other parts in reverse order.

Clean and detail the vehicle.

Post-inspect the vehicle. See step seven of The Seven Steps of Installation for further information.

Installation contributed by Jay Beranek, Safelite Auto Glass, Phoenix, Ariz. ■

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