

S13 Chuki Winglet Installation Guide

Tools needed: #2 Phillips screwdriver, Wrench set, Drill motor, 3/16 drill bit, 3/32 small drill bit, Something to mark with, Awl or center punch (pointy metal object), Plastic clamps or masking tape

1. Carefully lift the front of the car. Ramps are OK. If using a jack, make sure to use stands and follow the manufacturer's safety instructions.
2. Place one winglet against the bottom side of your bumper and align it to the back edge of the bumper cover and any factory mounting holes that line up. Remove any factory mounting bolts if necessary. Some winglets use factory mounting holes, some don't use any at all, but most use a combination of both.
3. Clamp or tape winglet in place and then align the other side in the same manor. You can reinstall and finger tighten any factory bolts that you removed to help with the alignment process.
4. Double check their position with a ruler in several places measuring how far they stick out passed the bumper and the fender. If you reposition them, double check any factory mounting holes to make sure that they still line up. Repeat until they are about the same from side to side.
5. Once you are happy. Mark the hole location, remove winglets, and use an awl to make an indention in the center of your marks on the bumper cover.
6. Use your small drill bit to drill a pilot hole through the indention you just made. Make sure to check behind the edge of your bumper to verify that you are not drilling into anything that may be behind it.
7. Now open all the holes up using your 3/16 drill EXCEPT the back 4 holes. These holes are for the self tapping screws and do not require a bigger hole.
8. Bolt on the winglets and enjoy!