



INSTALLATION INSTRUCTIONS

Stilten Rear Wing
'03+ Nissan 350Z
P/N 1035059

Materials supplied:

1. Rear wing
2. (4) #6x3/8 pan head screws
3. 12' double sided tape

Equipment needed:

1. tape measure
2. +,- Screwdriver
3. Drill motor and assorted drill bits
4. Center punch (optional)



WARNING:
IF YOU ARE NOT EXPERIENCED IN THE
AREA OF BODY REPAIR WE STRONGLY
URGE THAT YOU REFER THIS
INSTALLATION TO YOUR BODY SHOP.

NOTE: Preparation of the urethane surfaces to be painted is important to achieve proper fit and finish. However, these components are flexible and attention should be paid to the type of paint chosen for these applications.

NOTES ABOUT INSTALLATION, CLEANING, AND PAINTING

Pre-fit all pieces to the vehicle. Once you are assured that you have the right aero kit you may proceed. If you don't please call *Stilten* right away. We highly recommend using masking tape anywhere the aero kit may be touching the vehicle body to prevent scratches during the pre-fit.

- A. Do any sanding, filing, or spacing necessary (before painting) for a clean tight fit. Spending the extra time now will assure you of a perfect "factory" installation.

Painting urethane.

Urethane components require a special cleaning and painting procedure to obtain a proper finish. Once the urethane components have been properly pre-fitted **CLEAN AND SCRUB THEM!** Using plenty of hot water, plenty of scouring powder (like AJAX® or COMET®) and a #7447 Scotch Brite® pad. Scrub each piece thoroughly until there are no shiny spots. Scrub all surfaces especially the backside top sections that will be against the body. You will be applying double sided tape to this area so **clean and sand it!** The goal is to achieve an even dull finish on all surfaces to be painted. After you've finished scrubbing the parts completely repeat the procedure one more time. If this is not done properly the paint will not stick!

Any automotive primer will provide excellent adhesion to the part if the surface is properly prepared, however, **we do not recommend using lacquer primer on urethane components due to its rigidity.** Elastomeric or acrylic primers can be used but elastomeric primers, due to the flex agent added, are preferred over acrylic primers. Light sanding is recommended after primer has dried and before final color painting.

On all the *Stilten* urethane components, the preferred procedures are:

- A. Pre-fit, sand, and shape.
- B. Paint
- C. Install



To begin install:

1. Measure with tape and mark with marker pen where you are to drill. A "soft" tape works best i.e. one used for clothing but a regular steel one can also be used. You will be drilling (4) 5/32" holes in the spots marked as follows.
2. From BOTTOM of hatch measure and mark two spots. One will be at 6 inches, one at 12 inches. (see photo 1)
3. From SIDE of hatch measure in 1/2 inch at the two previously marked spots and mark. (see photo 2)
4. At the intersection of these two spots is where you will drill your holes. It is recommended you use a small center punch at the mark to avoid the drill from walking. Using a 5/32" bit, carefully drill two holes on the right side of hatch. Repeat above procedure for left side also. Note: beware of the rubber seal on other side of hatch, don't drill through it!
5. On the bottom of the wing approx. 1/4" in, there is an indentation that runs most of the way around the wing. This is where you will apply the double stick tape. This surface has to be CLEAN and DRY for the tape to properly adhere. A residual-free cleaner is recommended (e.g. Wurth™ Clean-Solve) to prepare the surface. The surface of the vehicle should also be cleaned for proper adhesion. For BEST results after cleaning, use of an adhesion promoter such as 3M™ part #06396 should be applied to wherever tape will be used. When applying tape, make sure the tape is smooth and wrinkle free all the way around the wing. It is advisable to use 2 pieces on top, 1 on each side, and 2 on bottom. You will see why in next step.
6. After applying tape, pull back approx. 1 inch of protective covering on tape from each end. Make sure film is sticking out from underneath wing. (see photo 3) Place wing GENTLY on vehicle and make sure you have it positioned correctly. It is good to have a friend help with this. If adhesion promoter was used you will NOT get a second chance! While holding it in position, pull the tabs you created in step 6 while applying light downward pressure. Continue this around the wing taking care not to tear off the tabs by pulling too hard. After all film is removed, apply firm pressure all around wing to insure the tape has bonded properly.
7. Open hatch, pull back rubber seal, and insert the two #6 screws provided. Be careful not to over tighten screws, snug will do. Repeat on other side.
8. Enjoy looks of your new rear wing!

