M7 ADF Canards
Installation Guide
(R53 Standard bumper and R53 Aero bumper)

Kit Includes:
1-RH Carbon Fiber M7 ADF Canard with 3M VHB adhesive tape installed.
1-LH Carbon Fiber M7 ADF Canard with 3M VHB adhesive tape installed.
1-3M Adhesion Promoter 09396 packet.

Optional Kits:
• 90-1001- Screw attachment Kit
• 90-1002 – VHB Tape Kit

NOTE: The M7 ADF Canards are attached to your car using a high technology adhesive system supplied by 3M. Cleanliness and proper preparation are critical for the adhesive to perform as designed.

The M7 ADF Canards are attached using the 3M adhesive system. If you want to attach them to your car with mechanical fasteners purchase the optional M7 Screw Installation Kit part #90-1001. This requires drilling through your bumper cover.

NOTE: PLEASE READ THESE INSTRUCTIONS COMPLETELY BEFORE YOU START INSTALLATION. YOU ONLY HAVE ONE ATTEMPT TO GET IT RIGHT!
Additional Tape kits are available by ordering M7 part # 90-1002

Installation
1. Clean your bumper cover in the general area of the canard installation. After washing, wipe the area down with an automotive wax and grease remover if you have it. If not use a heavy duty cleaner you are confident will not harm you paint. Follow this by wiping the area with a lint-free cloth and general household isopropyl alcohol.

2. NOTE: DO NOT REMOVE THE RED BACKING MATERIAL FROM THE ADHESIVE TAPE.
Hold the Canard up to the bumper to see how it fits to your car. Align the top edge of the Canard with the top edge of your wheel flair at the bumper/hood seam. The leading edge tip will connect at a point approximately ½”-1” below the centerline of your turn signal lens. Find the best location that archives a minimum gap. See Figure 1. Mark the leading edge tip point with a piece of masking tape and a pencil mark. Do not put the masking tape so it will be underneath the canard when you do the final installation.
3. If using the Optional Screw Kit #90-1001 do the following: If not go to step #4
   • Drill (2) 3/16” holes in each canard at the existing hole or cast dimple locations.
   • Place the canard at the predetermined installation location. (See Step 2)
   • Transfer the 2 hole locations from each canard onto the bumper.
   • Verify this is the exact location you want to install your canard.
     **REMEMBER…MEASURE 3 TIMES…..DRILL ONCE**
   • Drill a 1/8” pilot hole at each mark.
   • Finish drilling each hole with a 1/4” diameter bit. **DO NOT DRILL OVERSIZE**
   • Install the threaded insert into each 1/4” hole flush with the bumper cover. Follow the instructions included with the tool and tighten to seat the insert in each of the 4 holes.
   • Clean the area to remove any drill debris or residue.
CAUTION: HARSH CHEMICALS ARE INVOLVED IN THE NEXT STEP. USE PROTECTIVE GLOVES.

4. Observe precautions for solvent handling. 3M™ Adhesion Promoter 06396 is supplied in an easy-to-use sponge applicator packet. The liquid contents of the packet should be completely used as soon as possible after opening. Hold packet upright and avoid squeezing an opened packet to prevent spillage of liquid contents. The packet can be opened by tearing across the top of the packet at the notches. This will expose the sponge applicator. Do not remove the sponge or squeeze a freshly opened packet. Handling the bottom section of the packet should enable application of 3M adhesion promoter 06396 with no mess.

Apply a thin, uniform coating to the general area of the bumper cover and wheel flair where the Canard will make contact, using the minimum amount that will fully coat the surface. A wet coating thickness of 0.002 inch or less ensures a good application.

5. Although drying times may vary due to temperature and/or humidity, a drying time of 30-90 seconds results with a coating of this thickness. The primer should be dry before applying tape. For best results, apply the Canard immediately after primer application or no more than one hour after primer application. Be sure the primer surface remains free from contaminants prior to Canard application.

Remove the Red protective backing from the Canard. Carefully align the Canard in the correct location (align mounting holes if used) and press firmly to seat it to the bumper. You only have one chance at this so be very careful you have it in the correct location before contacting the bumper cover. Once stuck it cannot be easily removed.

6. If using the screw kit install (1) #10x1/2” screw and (1) #10 flat washer into each hole and tighten. PLEASE NO GRUNTING...........You are working with plastic parts.

7. When completed wipe the area around the canard with Windex or similar alcohol based cleaning product.

**Maintenance:**
M7 recommends you clean and wax all Carbon Fiber parts on a regular basis to keep them looking great and help prevent UV damage. We recommend a coat of Black Color Wax which can be found at any automotive parts store. Turtle Wax & Meguiar’s both offer great color wax products.

Congratulations—you have successfully installed the latest Ultimate MINI Performance technology.

Enjoy the Ride and Stay M7 Tuned…………….