



# Installation Instructions

**Eco-Fins** should be installed when vehicle is clean and skin temperatures are at or above +40F (+5C). The surfaces must be free of all contaminants. **Eco-Fins** should be installed on warm, clean, dry, flat surfaces. If a degreaser is used, it must be completely removed before installation. Regardless of the cleaning agent used, the final cleaning process should use a final cleaning agent such as rubbing alcohol or paint thinner. **DO NOT USE any window cleaners containing ammonia.** Use clean shop rags. For installation purposes, the cleaner, the dryer, the warmer, the better. Location on Vehicles. **Eco-Fins** should be installed as close as possible to the back (trailing) edge of the vehicle. If the **Eco-Fins** must be moved forward to avoid rivet heads etc, keep the wide edges of the **Eco-Fins** within 12-18 inches 30-45cm of the back for best performance. **Eco-Fins** are effective shielding gaps or reducing turbulence entering undesirable areas. Any vehicle component with an edge that is 90 degrees to the airflow is a possible **Eco-Fins** location provided that location receives an adequate supply of relatively undisturbed airflow. Examples: forward of wheel wells, hung tool boxes, trailer skirts etc. **Eco-Fins** are also effective on roof trailing edges of automobiles with a rear window slope exceeding 30 degrees. For **ALL** applications, ensure that the leading (wide) edge of the **Eco-Fins** is absolutely flush with the mounting surface.

Trailers, place **Eco-Fins** forward of the rain ridge on the roof. **CAUTION:** Ensure trailer side **Eco-Fins** placement is adjusted so that when barn style trailer doors are opened, the doors and hinge bolts do not impact any **Eco-Fins** and cause damage.

Tractors.... The ideal surface is flat but **Eco-Fins** can be installed on slightly curved surfaces as long as the leading edge is absolutely flush and the majority of the tape is in contact. If the pointed tip is slightly raised, it poses no performance degradation. Installation. Do not install on flexible side extender rubber strips, exhaust stacks, or heat shields.

Install **Eco-Fins** 3 per foot which is one every 4 inches on center. **Eco-Fins** are 4.1/2" long, 3.1/8" wide, and 1" high. Metric: 12cm long, 8.2cm wide, 2.5cm high. Spacing is 10.1 cm on center. Increase spacing to avoid rivet heads, lights, grab bars etc. Do NOT decrease spacing as this may decrease performance. Locate the vertical line where the leading (wide) edges of the **Eco-Fins** will be. Using duct tape, fasten the tape end to the top of the vehicle just forward of this line. Unwind the tape to the bottom of the vehicle. When the tape hangs absolutely vertically, secure the lower end with tape. Install the first **Eco-Fins** at the top at an appropriate inch mark. Continue every 3.75 inches until complete. The tape provides accurate spacing and a perfect straight edge. The warmer the surface temperature, the faster the tape will set.