Roof Rails & Truck Bed Rails
Installation Instructions

CAUTION: Do not use the mounting hardware contained in this rail kit for installation on Fiberglass or Composite Plastic surfaces. Supplemental hardware pack, part# **HWDSTC-UV**, is required for installation on such non-metal surfaces.

Contents: 2/ea - Aluminum Side Rails; 2/ea - PVC Snap in Rail Trim Caps; 4/ea - Rail End Supports; 0-4/ea - Rail Center Support Posts (appropriate quantity based on rail length); 1 - Hardware Pack consisting of 12-16/ea – #10 x 1 1/2" Self-tapping waxed tip Pan Phillips screws (appropriate quantity based on rail length); 4/ea – Molded Screw Hole Caps; 1 - Instruction sheet.

For Installation of Truck Bed Rails, skip to Step 2.

1) As "universal" roof rails designed to fit several different vehicles, the "bow/curvature" of the rails may or may not exactly match the roof contour of a particular vehicle. The rails should be "dry fit" to the roof panel before installing. Carefully place one of the rails (without end supports or center support posts) on the vehicle roof in the approximate location to be installed. The curvature of the rail should approximate the roof contour. If the rail is under-curved and there is more than a 3/16" space between the ends of the rail and the vehicle roof panel, or over-curved and there is more than a 3/16" space between the center of the rail and the vehicle roof panel, "bench adjusting" the curvature of the rails is required. Adjust by suspending the rail between two points (4x4 wooden blocks, two tables, etc). To increase the curvature, start with the rail upside down; to decrease the curvature, start with the rail right side up (see appropriate illustration below). With hands spaced shoulder-width apart, apply sufficient pressure to the rail to increase or decrease the curvature as desired. Repeat this process for both rails.
Important Note: While made of extruded aluminum, the rails are heat-treated for added strength. Therefore, several applications of adequate "springing" pressure may be required to modify the curvature of the rails.

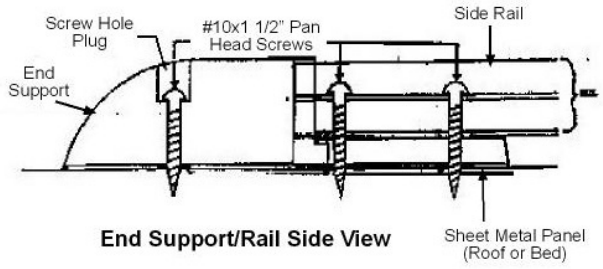

Increase Rail Bow


Decrease Rail Bow

2. Place rail end supports on ends of rails, pressing into slots on bottom of rails as shown in End Support/Rail Side View to right.

3. If supplied with kit, **align rail center support posts with remaining pre-drilled holes in rails** and press into slots in bottom of rails.

4. Position rails on roof panel or truck bed in desired location and mark location of mounting holes. Remove rails.



End Support/Rail Side View

5. Lightly center-punch each marked mounting hole location. Drill fastener pilot holes using a 1/8" drill bit, taking care not to allow drill bit to penetrate vehicle headliner. Clear all metal drill chips from roof panel and apply a coat of primer or rust inhibitor to the bare metal edges of each hole.

6. Reposition rails on roof panel or truck bed and secure in place using the self-tapping fasteners provided (Do Not remove wax coating). Tighten securely while taking care not to apply more torque than necessary.

7. Applying even pressure, snap PVC rail trim caps into tops of rails starting at each end of the rails, working back toward the center. Position alignment tab on screw hole cap plugs with alignment groove in recessed screw holes at ends of supports and press caps into place.