



PHOTO SHEET

Name _____
 Sunrise Solar

Street _____
 P O Box 53

City State _____
 St John, IN

File Number _____

Claim Number _____

Date Taken _____
 7/29/2008

Taken By _____
 Mike Stephenson

Printed On _____
 7/29/2008

Photo ID	DSC09017.JPG	Photo Size	141,544
Original Sony Image	7/29/2008 10:36:38 PM	Evidence Trail	excellent

SunRise Solar powered attic vent, normally installed on the roof of a home, was modified and very successfully installed in an existing roof vent on a small motor home. Please note that this may or may not be approved by SunRise Solar, Inc.



Photo ID	DSC09018.JPG	Photo Size	143,955
Original Sony Image	7/29/2008 10:37:20 PM	Evidence Trail	excellent

Roof top view - The solar vent normally has 3" of clearance between the vent and the roof of a home. To keep it from catching too much air at highway speeds, drill new holes in the stainless steel brackets and leave only 3/4" clearance between the vent and vehicle top. The factory screws install from the outside. Change this so you can install the screws from the inside and use longer screws than the factory supplied.



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Photo ID	DSC09014.JPG	Photo Size	162,620
Original Sony Image	7/29/2008 10:34:16 PM	Evidence Trail	excellent

The base of the SunRise Solar Vent is 24" x 22". Cut it down to 17" x 17" and round the corners so it does not damage the head liner.



Photo ID	DSC09015.JPG	Photo Size	131,892
Original Sony Image	7/29/2008 10:34:48 PM	Evidence Trail	excellent

Use a jig saw with a medium course blade and cut with the slowest strokes possible . If you cut at high speed, the plastic welds itself back together. The entire weight of the vent is on the screws that hold the base to the ceiling. Use large washers under the screws to distribute the stress of the wind on the vent at highway speeds.



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Photo ID	DSC09021.JPG	Photo Size	133,658
Original Sony Image	7/29/2008 10:38:00 PM	Evidence Trail	excellent

Remove the top of the vent only.



Photo ID	DSC09024.JPG	Photo Size	155,042
Original Sony Image	7/29/2008 10:58:22 PM	Evidence Trail	excellent

To remove this top, remove the crank handle and the gear box. Open the top and slide it out of the retaining track. Retain this part, because you will need to remove the solar panel and reinstall this top in the winter months. It will take less than 10 minutes to make the change.

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Photo ID	DSC09023.JPG	Photo Size	141,816
Original Sony Image	7/29/2008 10:42:46 PM	Evidence Trail	excellent

Remove the bottom trim and screen of the existing roof vent. The cross bar, that the gear box mounts on must be removed. It is spot welded to the existing roof vent. Cut it off with a hack saw as close to the edge as possible. Bend the remaining stubs down. Do not try to chisel off the spot welds. If you tear the metal, it will leak.

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Photo ID	DSC09027.JPG	Photo Size	155,608
Original Sony Image	7/29/2008 11:39:36 PM	Evidence Trail	Excellent

Since the cross bar was cut out of the existing vent, there is no way to reinstall the gear box and handle used to open and close the existing roof vent. In the winter, after removing the solar vent top, either use baling wire to secure the vent closed or drill a hole through the flange of the vent top and screw it closed.