

Firstly please ensure that you have all of the components listed.

Remember “Measure twice and Cut once”

Prepare the installation area which should be close to, (but not over a roof support strut) near the rear of the vehicle, (Do not position the vent in the centre of an unsupported area). From outside the vehicle cut a neat 125mm diameter hole using the inside diameter of the plastic template (T) as a guide, treat the edges of the hole with a rust inhibitor if appropriate.

From the outside of the vehicle place the plastic template (T) over the hole you have just cut in the roof. Using a 6.5mm bit drill through the three holes into the roof. Treat the holes that you have drilled into the metalwork with rust inhibitor. Then dispose of the template (T).

Now bond with PU/ MS the baseplate (4) in place ensuring that the part is in the correct orientation and centralised over the screw holes that you drilled earlier.

You will need to assemble the item numbers in the following sequence:

- From outside of the vehicle, locate and place washer (9) onto hex bolt (7) which is already attached to the baseplate (4)
- Now insert bearing (6) into the underside of the Turbine (3) Ensure that it is flush.
- Now align Turbine (3) and place gently over the hex bolt (7). Insert the spacer tube (1) Then place bearing (6) on the top of the bolt (7).
- From the inside of the vehicle, position and align the finger guard (F) with the three holes in the roof that you drilled earlier. Then insert the three screws one by one through the roof into the locating holes on the baseplate (4) and tighten them to 2.5 newton meters.
- From the outside of the vehicle tighten the nut (8) onto shaft (7) to 10 newton meters. Please note that threadloc has already been applied to the shaft thread.
- Finally Insert Cap (2).
- Please ensure that the turbine turns freely.

ITEM NUMBER	DESCRIPTION	QUANTITY
1	Bearing Spacer Aluminium 6063	1
2	Plastic Cap	1
3	Turbine	1
4	Ring (Baseplate)	1
5	n/a	-
6	Deep Groove Ball Bearing Carbon Steel	2
7	Hexagon Head Bolt 4.6 Steel ZP	1
8	Nut	1
9	Washer	1
T	Template	1
F	Finger Guard With Three Fixing Points	1

