



40 Huntingwood Drive Huntingwood NSW 2148

Phone: (02) 8825 1999 Website: [www.aeroflowperformance.com](http://www.aeroflowperformance.com)

## AEROFLOW PERFORMANCE PRESS IN BREATHER ADAPTERS

### WARNING!

THIS PRODUCT REQUIRES DETAILED KNOWLEDGE OF AUTOMOTIVE SYSTEMS. WE RECOMMEND THAT THIS INSTALLATION BE CARRIED OUT BY A QUALIFIED AUTOMOTIVE TECHNICIAN.

#### INTRODUCTION

Congratulations on your purchase of Aeroflow Performance press in breather fittings. Aeroflow Performance products cannot and will not be responsible for any damage, or other conditions resulting from misapplication of the parts described herein. However, it is our intention to provide the best possible products for our customer, products that perform properly and satisfy your expectations. Should you have any questions? Please call technical support at +61 2 8825 1900 and have the product part number on hand when calling.

Aeroflow Performance have a range of rocker cover breather press in adapters to suit various vehicles. This includes Ford Falcon, Nissan RB and Nissan SR engines. These adapters are a press in interference fit into the valve cover replacing the barb option for a AN fitting. This allows you to plumb a breather/catch tank for custom applications.

#### INSTALLATION GUIDELINES

**These instructions are based on installing press-fit adapters into various valve covers. The procedure will differ depending on the engine.**

**While not always required, removing the valve cover will make installation easier for all press in adapters. When the valve cover is removed ensure to secure it to the bench with clamps. If possible, use a press to install fitting to make it easier.**

**Once installed, these fittings are difficult to remove.**

1. First, loosen the clamp and remove the OEM hose from the valve cover.
  - I. If removing a PCV valve, pull the metal PCV valve outwards away from the valve cover to release.
  - II. Remove the rubber grommet from the valve cover as well as it is not required
2. Depending on the engine, there may not be a PVC valve, but instead a metal barb that is pressed into the valve cover itself. There will be many different ways to remove the OEM metal barb from the valve cover. Remember to always spray some rust off or WD40 in the metal barb to help loosen from the valve cover.
  - I. Try driving a properly sized socket into the barb
  - II. Some barbs may require an aid in leverage such as a small metal pipe or tube. Oftentimes, the pipe can be rotated back and forth and the metal barb can be easily worked out.
  - III. If the barb has a 90-degree elbow, find something that can fit snug over the barb such as a metal pipe or tube. With one person gently tapping the pipe with a hammer, another person can simultaneously rock the metal barb back and forth

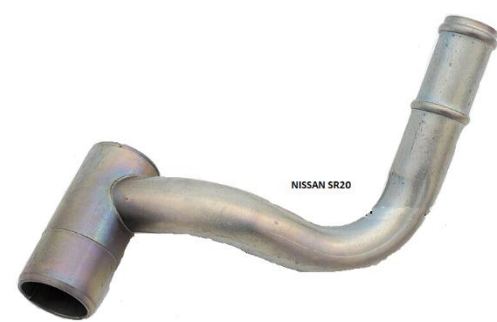
FORD FALCON  
OEM PVC VALVE



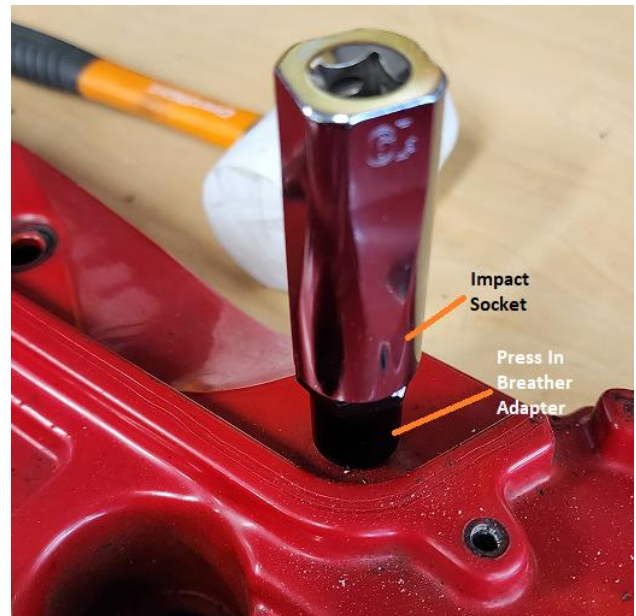
NISSAN RB26  
FACTORY BARB



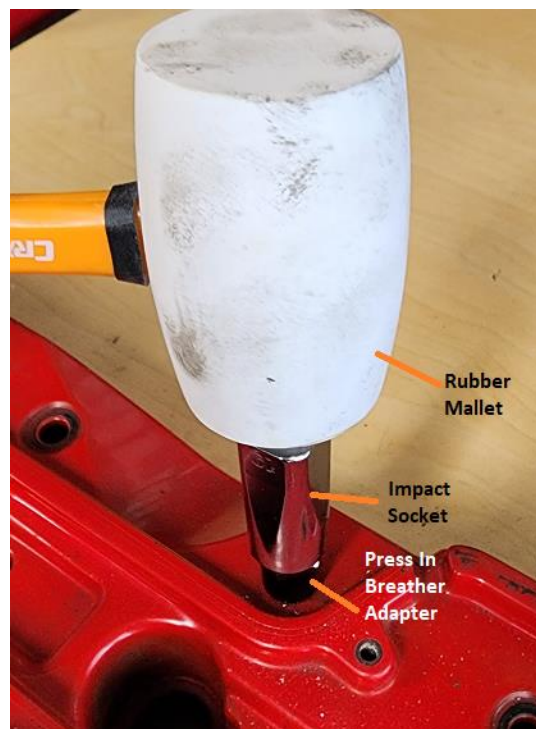
NISSAN SR20



3. Once you have removed the fittings it is important to clean and inspect the hole in which the fitting will be installed into.
  - I. You may have to de burr the edges to create a smooth opening.
  - II. You may have to clean up all paint or powder coat from the valve cover hole to allow this fitting to press in easier.
4. Place the press in breather adapter into the freezer for around 10-15 minutes before installing. This will slightly decrease its size to make for an easier installation.
5. Lubricate the press-in portion of the fitting and the valve cover hole in which you are installing.
6. Place an impact socket, that fits onto the adapter fitting hex. It should onto the center of the fitting without hitting the AN thread but also not hanging over the edge.



7. Use a mallet and gently tap the fitting into the valve cover. (If possible, use a press machine to help with this setup if you have access to one).
  - I. Check often to make sure the fitting going in straight and even.
8. Once the fitting is fully seated the installation is complete and you may continue to plumb the catch can system.



*For more information or technical enquires*

*Contact: Aeroflow Performance on*

*Phone: (02) 8825 1979 Website: [www.aeroflowperformance.com](http://www.aeroflowperformance.com)*