

Rear Differential Breather Installation

Kit Components

- 15 feet fuel line
- 1 male brass barb (Threads into rear differential)
- Breather assembly, assembled with teflon tape
 - 1 90 micron, nickel-plated steel breather
 - 1 female barb
- 2 stainless steel worm drive clamps
- 1 hose loop clamp
- 1 M6 locknut (not pictured)
- 10 zip ties (not pictured)



Other Necessary Supplies

- 14 mm wrench or deep socket
- 10 mm wrench or socket
- ½ inch wrench or crescent wrench
- Snips or scissors
- (Optional) PB Blaster/penetrant
- (Optional) Jack, Jack stand, Wheel Chocks

Optional Prep

- Soak differential breather in a penetrant like PB Blaster
- Remove spare tire
- Jack up rear driver side frame

Installation

1: Remove old breather

Remove with a 14 mm wrench or socket. Tip: scrape off old rust.



2: Install male barb

Start by hand threading, then tighten down with a 1/2" wrench.



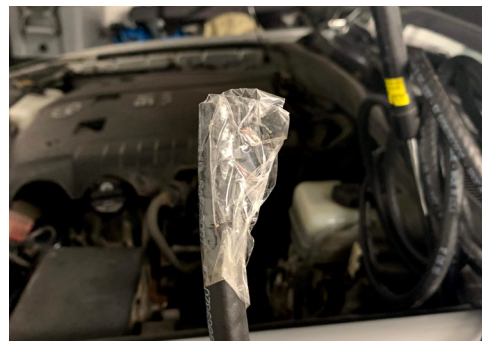
3: Install breather in engine bay

Install breather on M6 stud on back of engine bay using the locknut. Make sure breather is facing down.



4: Route open tube end to rear male barb

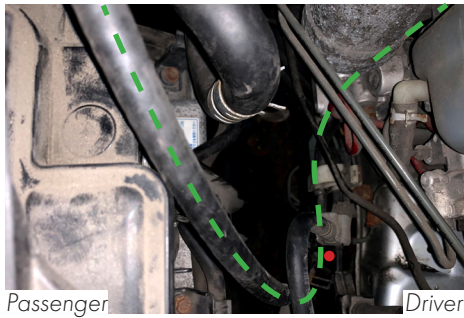
Tape open end to keep any debris from entering the tube.



Recommended Routing Instructions

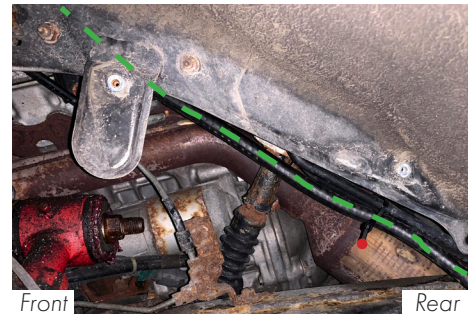
1: Route down engine bay

Follow hard lines leading down the engine bay toward the driver fender.

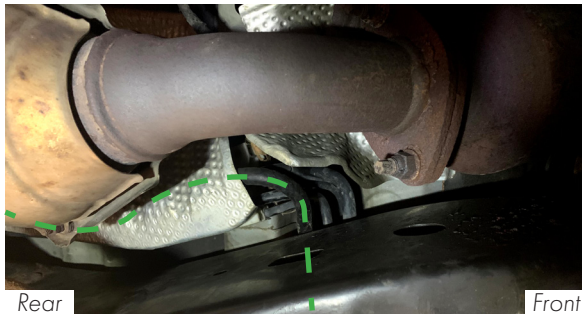


2: Follow hard lines down driver side fender

Tip: Remove fender liner.



3: Route above exhaust heatshields



4: Follow lines leading over gas tank



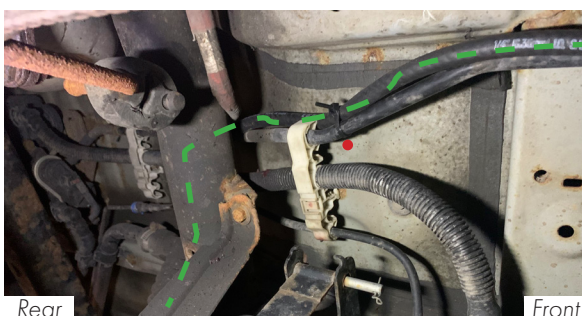
5: Continue routing line towards back of car



6: Keep following existing lines



7: Keep going



8: Connect to male barb with worm drive clamp

Leave plenty of slack in line for when your suspension flexes.

