

### 2019+ RAM 3500 CAB & CHASSIS AXLE BREATHER RELOCATION

This kit is for vehicles that have round axle tubes with the breather located approximately 7" from the leaf spring pack. This kit is designed to eliminate interference of the axle breather and the air spring support bracket on RAM 3500 Cab & Chassis vehicles.

The supplied breather fitting is manufactured to a longer length than the stock fitting in order to facilitate vehicles that also use this fitting to hold down the rear brake line junction block.

**Install the axle breather kit *BEFORE* proceeding to install the 10002 Air Spring Kit.**

- STEP 1**
- On the driver side of the rear axle, locate the axle breather.
  - Remove the rubber hose from the barbed breather fitting and remove the fitting.
- STEP 2**
- Measure the grip length of the factory fitting.
  - Cut the supplied fitting to the same measurement.
  - Deburr threads and blow out breather passage to ensure no debris can enter the differential.
  - Install the supplied jam nut and then the o-ring onto the fitting.
- STEP 3**
- Install this assembly into the axle and adjust to maximum height of 1". This will allow it to fit under the air spring support bracket of the 10002 kit.
  - Make sure to have the open port of the breather pointing towards the rear of the vehicle.
- STEP 4**
- Apply thread sealant to the 1/8" NPT threads of the barbed fitting. Install the 1/8" NPT x 3/8" barbed fitting into the breather fitting.
  - Push on the factory breather hose and proceed to install the 10002 Air Spring Kit.

This vehicle is shown with the breather located 10" from leaf spring pack and does not require the modified breather.



### 2019+ RAM 3500 CAB & CHASSIS REPLACEMENT LOWER AIR SPRING SUPPORT BRACKET

This kit is for vehicles that have a wider differential housing that interferes with the HP0093 Lower Air Spring Support Brackets in the 10002 Air Spring kit.

The HP1576 brackets in this kit (see Figure A), replace the HP0093 Lower Air Spring Support Brackets (item "R" in 10002 installation manual kit contents list). Use HP1576 in **Step 6: LOWER ROLL PLATE & BRACKET** of the installation manual included with that kit, following the instructions.

The "leg" of HP1576 will sit on the axle tube (as shown in Figure B), between the breather and differential housing (on the Driver side).

On the passenger side, the "leg" will sit on the axle tube, outboard of the differential housing.

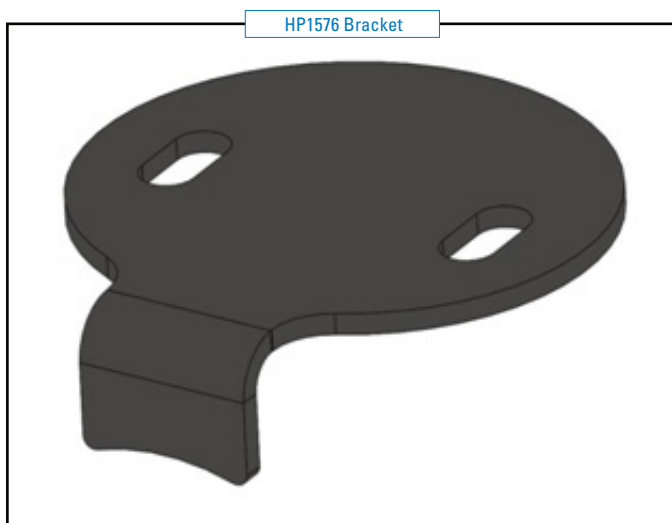


Figure A

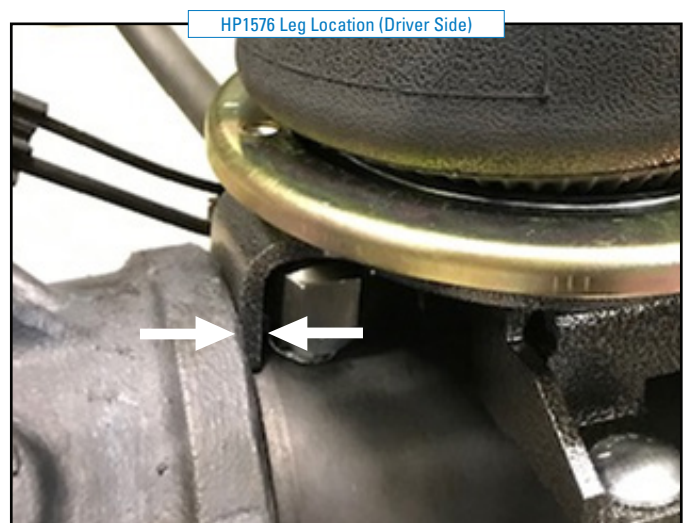


Figure B