

Northridge Nation News

NEWS • PROJECTS • TECH • NEW PRODUCTS

NORTHRIDGE NEWS

Air Locker Fittings – How to

🕒 AUGUST 2, 2018 👤 Tim Lund



The ARB Air Locker Bulkhead Fitting kit can look a little daunting when you first see one, but it doesn't need to be. They really are quite simple and quite easy to install them once you have a good close-up of whats going on and what you need to do.

This article covers the installation of the 170111 ARB bulkhead fitting kit which has been used in Air Lockers for the past decade and is the most common bulkhead you'll run into if you are working on an installed Air Locker.

There is a newer ARB bulkhead kit that is coming with the Air Lockers, we'll cover that in a future article. This article is for those wanting to repair or replace their current bulkhead fitting.

Parts Needed:

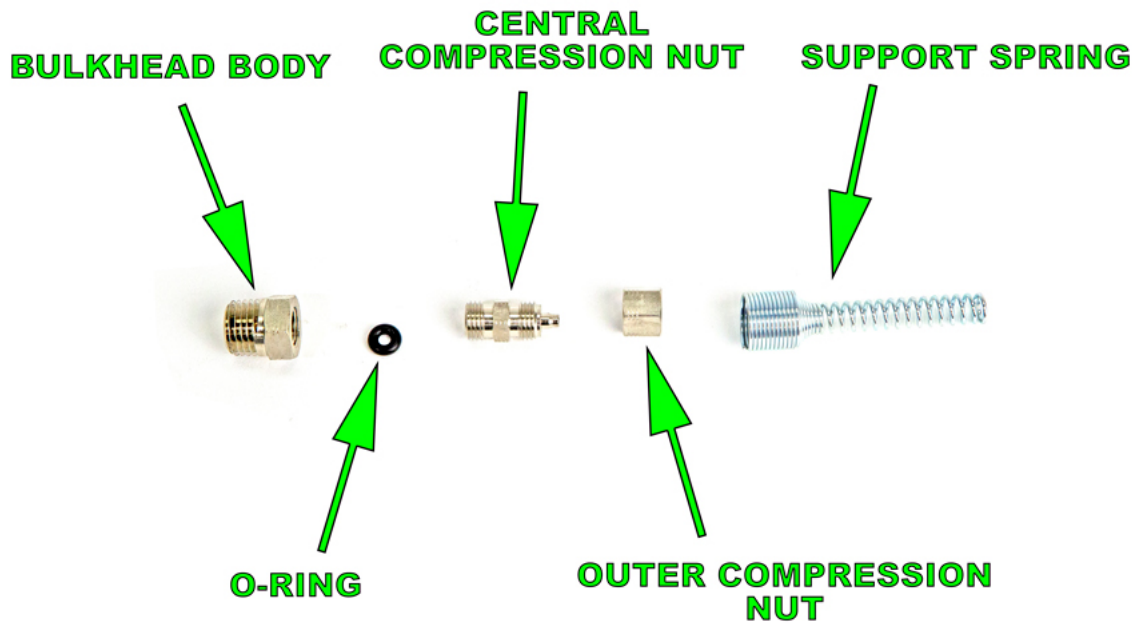
[ARB Bulkhead Fitting Kit pn# 170111](#)

Tools Needed:

3/8", 7/16"/ 9/16" wrench

Small flat blade screwdriver

Parts Diagram:

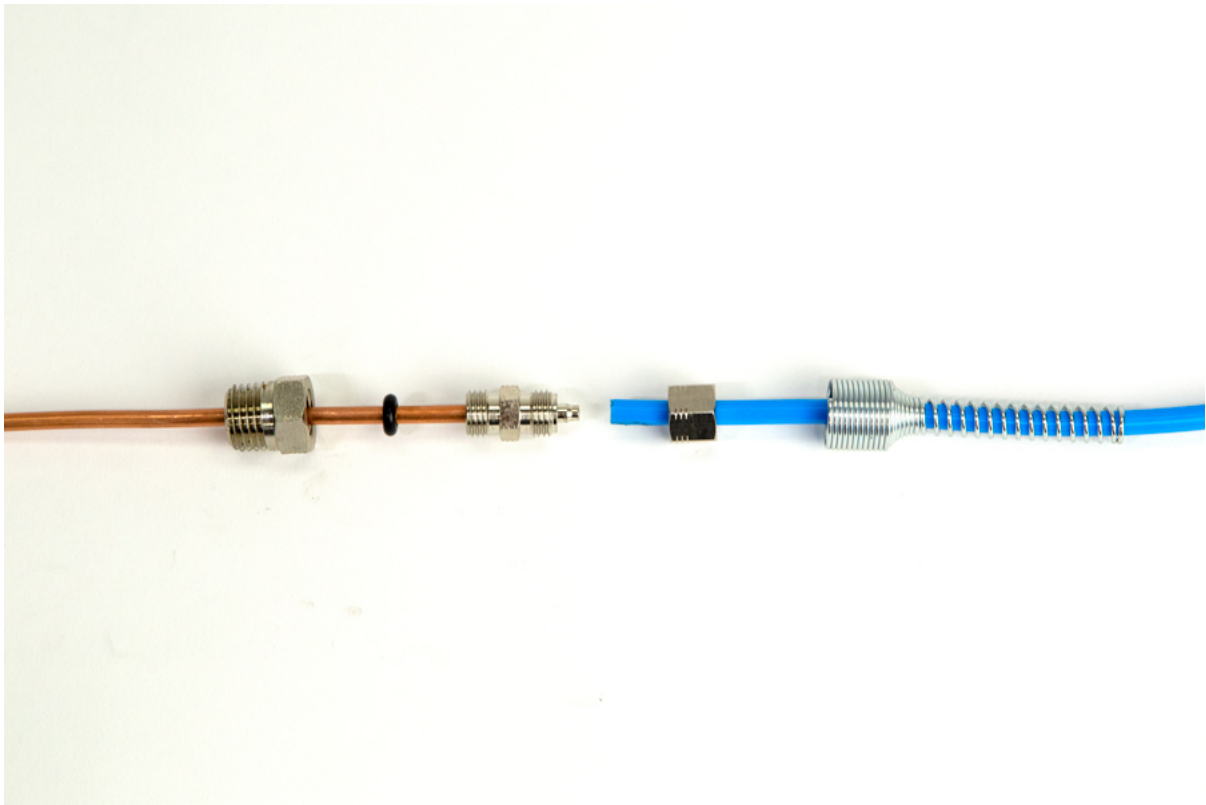


Here are the parts that make up the ARB #170111 Bulkhead Fitting Kit.

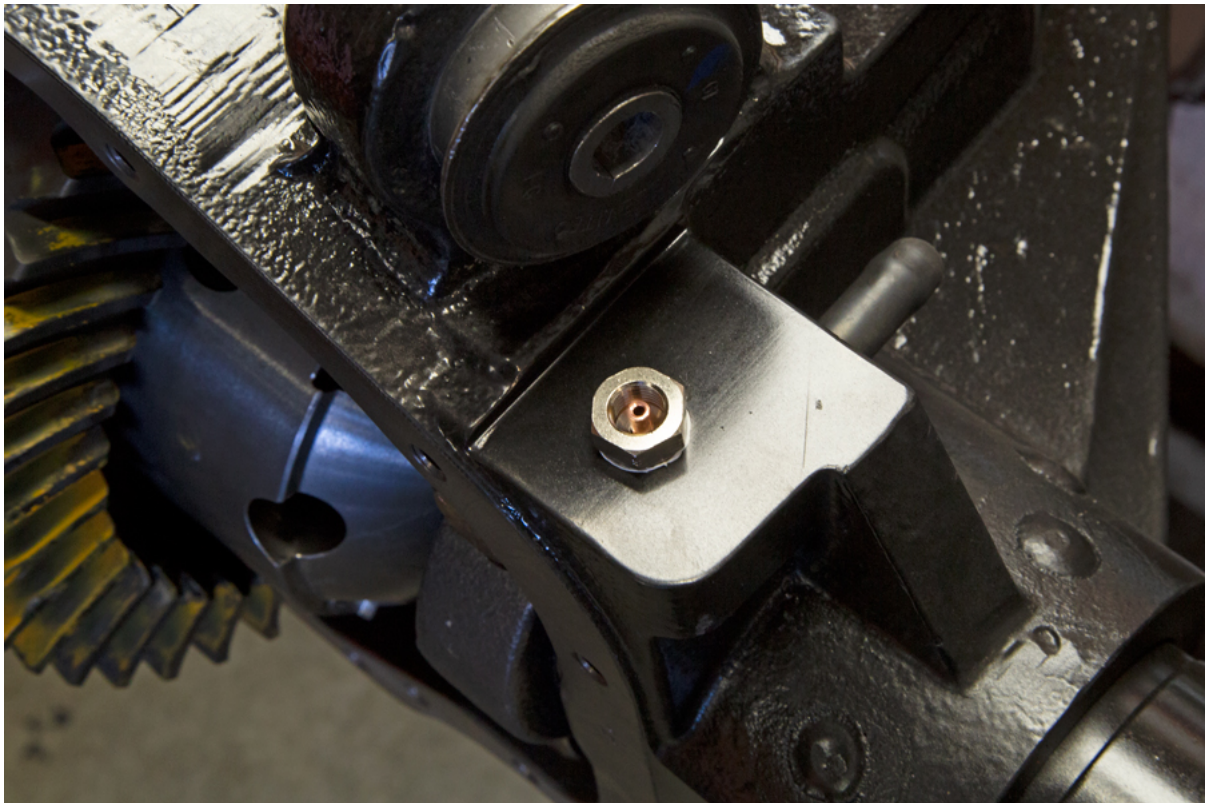
ARB #170111 Bulkhead Parts Breakdown:

- Bulkhead Body #170611
- O-ring #160234
- Central Compression Nut. #170660
- Outer Compression Nut #170661
- Airline Support Spring. #170701

The Air Locker Bulkhead Fitting Kit How To:

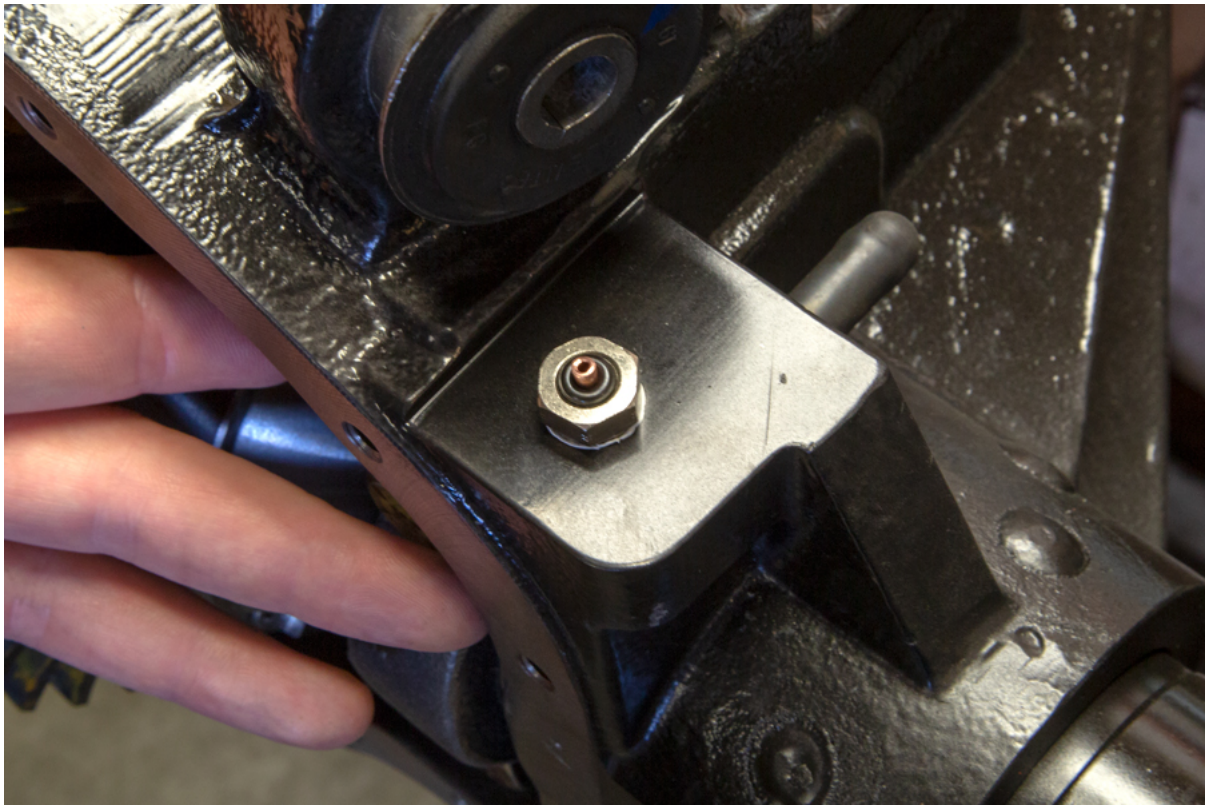


The ARB Bulkhead fittings can be separated into two groups, the copper line fittings and the blue airline fittings. The first group anchors and seals the copper airline coming up through the housing. The second group secures the blue air line to the fittings coming through the axle housing.

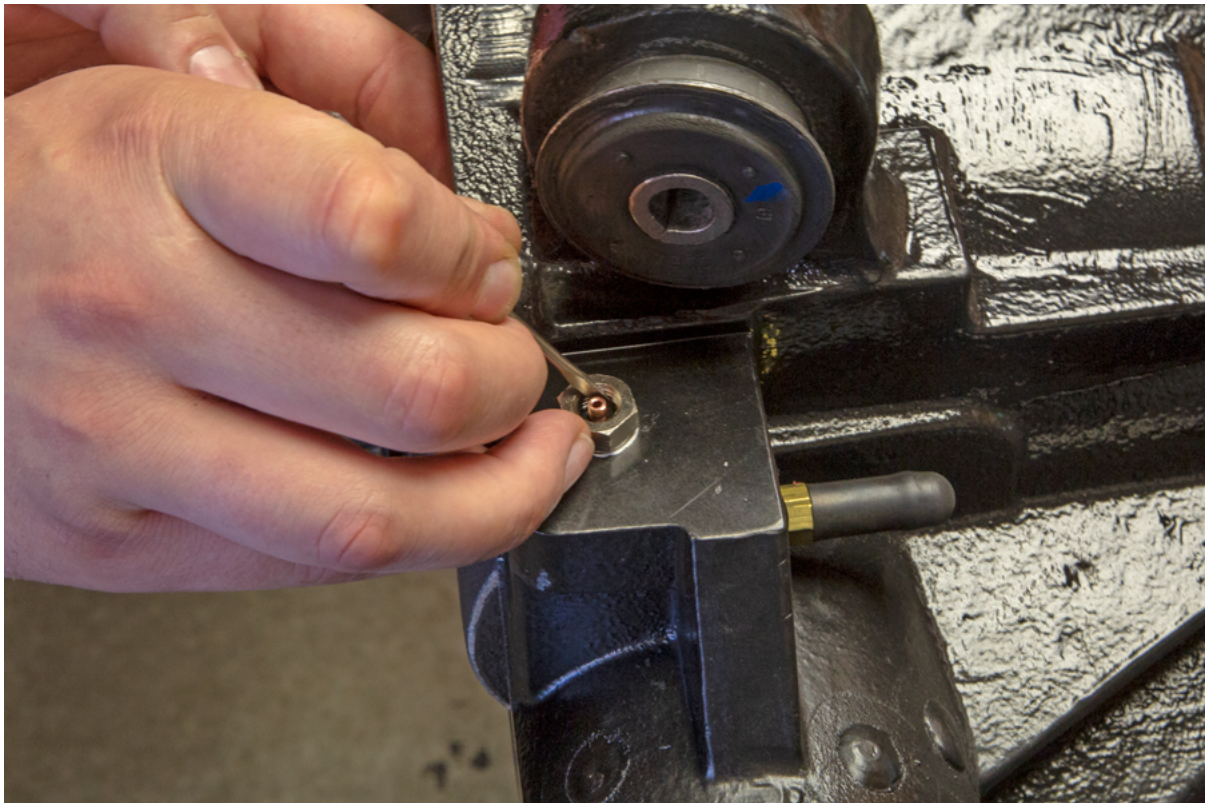


The bulkhead body screws down into the threaded hole, we like to use a liquid pipe sealant on the threads of the bulkhead body (Loctite 567) to seal it to the tapped hole in the housing.

Push the copper line up through the bulkhead body until it is flush with the top of the bulkhead body.



Hold the copper airline with one hand and push the black o-ring down over the end of the copper line.

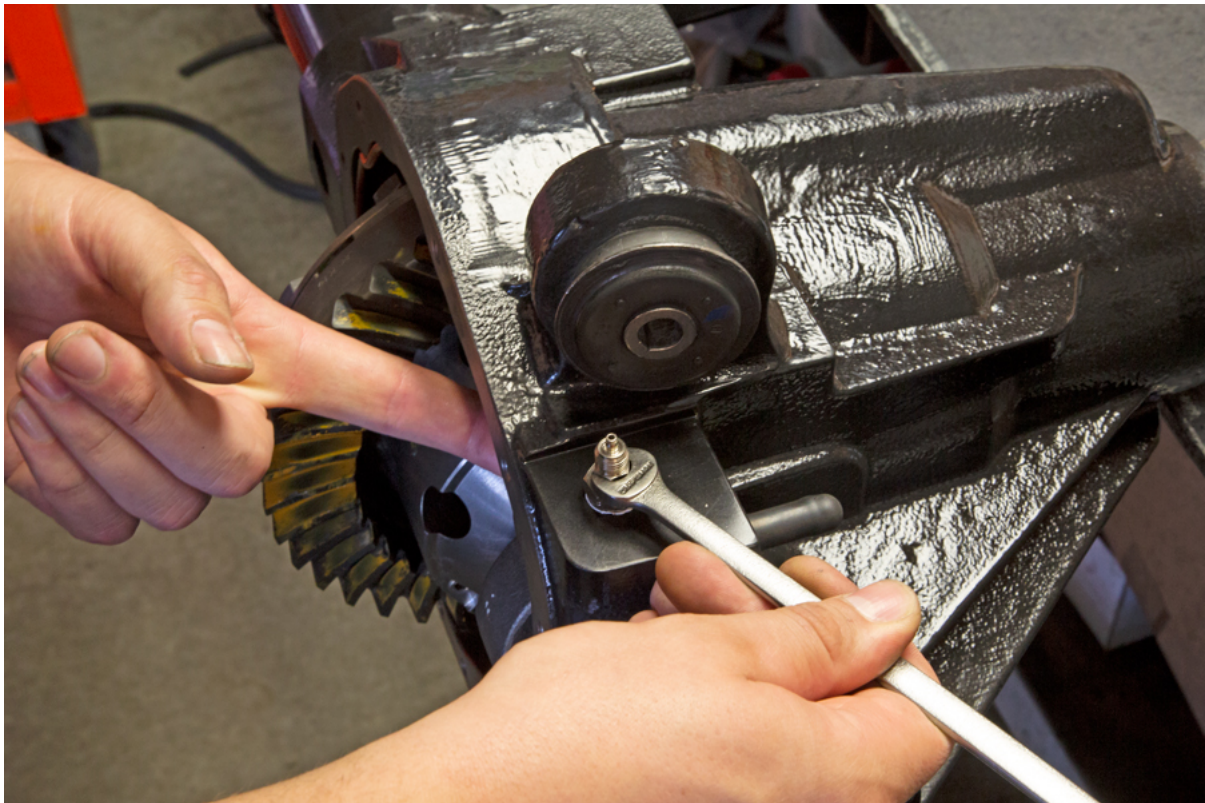


Use a small flat blade screwdriver to push the o-ring down into the bulkhead body.

Keep your other hand on the copper air line to help keep it in place.

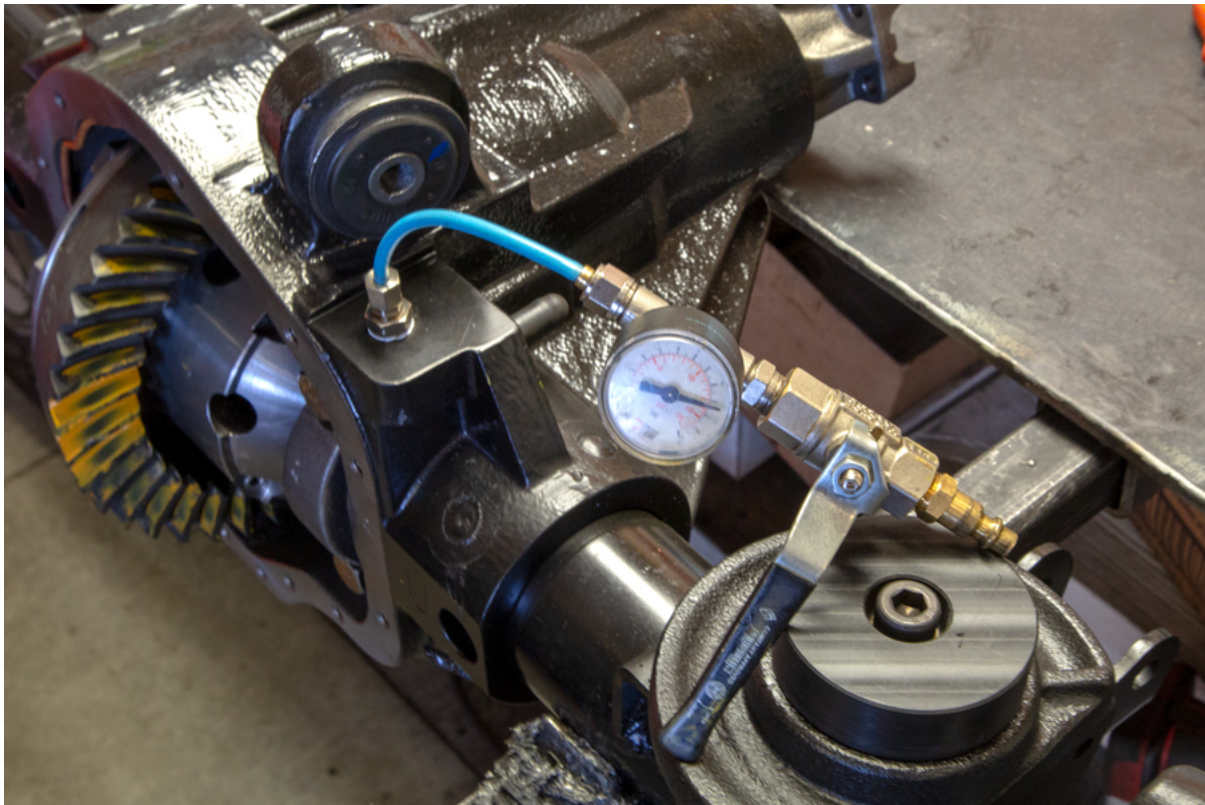


Screw the central compression nut down into the bulkhead body by hand until it stops.



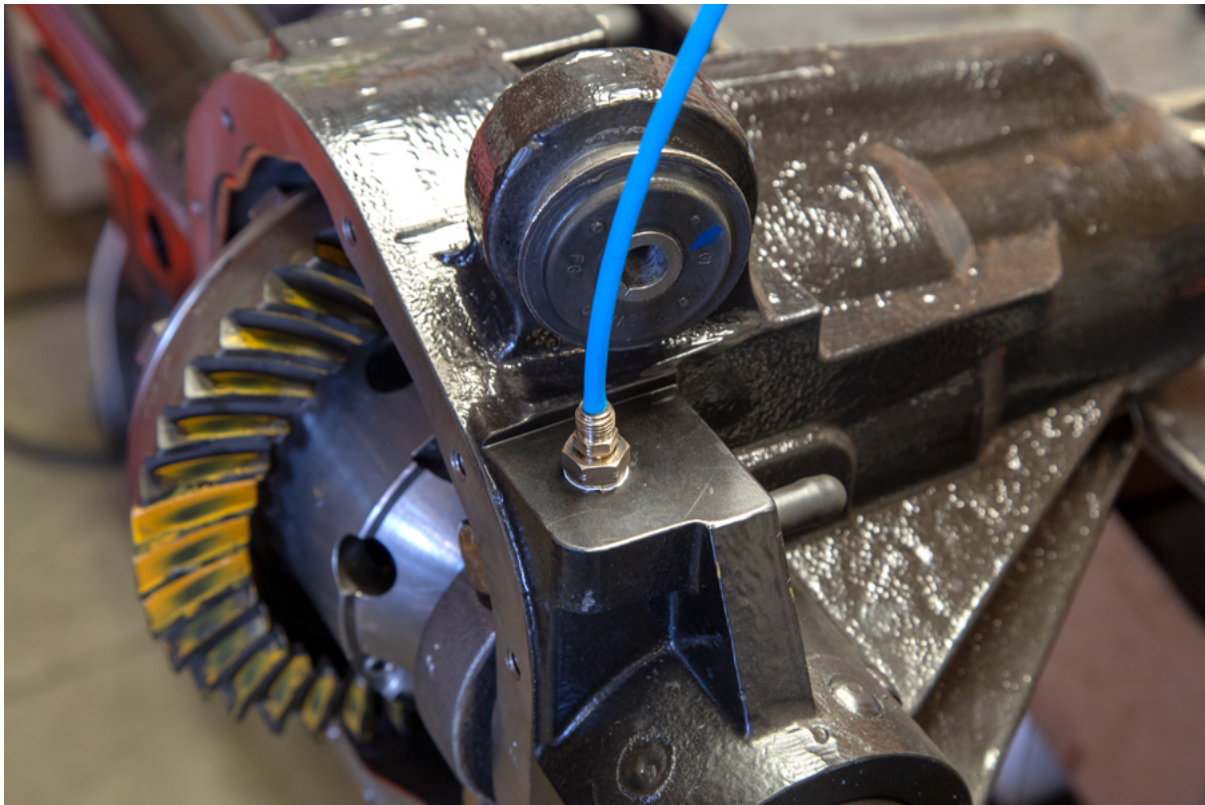
Use a 3/8" wrench to lightly tighten the central compression nut. Once you feel it stop, give it a 1/4 turn to lock the o-ring onto the copper airline.

***Do Not over tighten, you could cut off the air flow to the Air Locker causing issues with locking speed and engagement.**

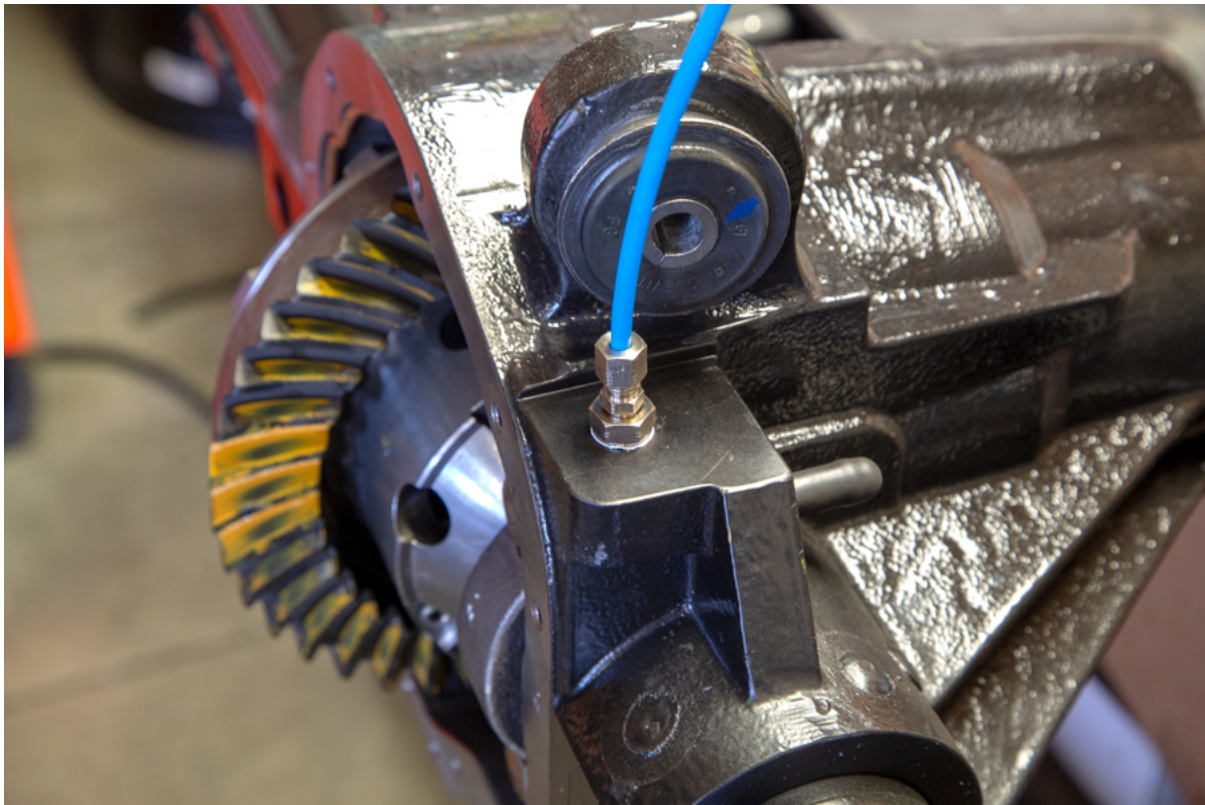


If you have one, use an air locker test tool to apply air pressure to the Air Locker and hold for five minutes.

Installing the ARB blue air line:



Push the ARB blue airline down over the nipple until it sits flush against the top seat of the central compression nut.



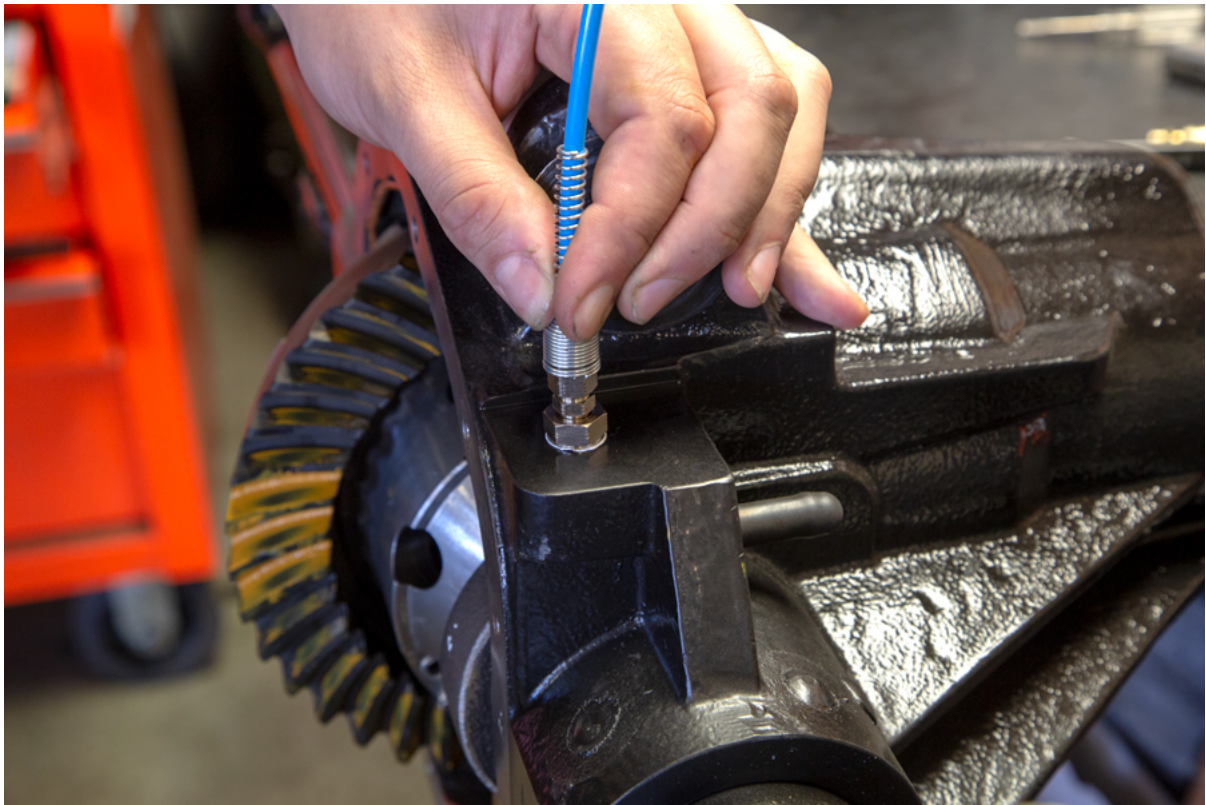
Install the ARB outer compression nut on the central compression nut and tighten by hand.



Use a 3/8" wrench on the central compression nut (to keep it from turning) and a 7/16" wrench on the top compression nut and tighten the top nut.

These are brass fittings, so be very careful to not over-tighten.

****Be very careful to not let the central compression turn any tighter or it could pinch the copper airline down too tight and cause Air Locker engagement problems.**



Install the ARB air line support tube by pushing it down onto the top nut and slowly turn counter-clockwise. Once you feel the spring start to expand, turn the spring clockwise and push the spring down into place.



Here's how your ARB #170111 bulkhead fitting should look when installed.

Need a new ARB Bulkhead Fitting Kit?

[DRIVETRAIN](#) / [DIFFERENTIALS](#) / [LOCKER PARTS & ACCESSORIES](#)



ARB BULKHEAD FITTING KIT

MODEL # ARB170111
MANUFACTURER PART # 170111

\$20.90

MSRP: \$22.00

FREE BACK PACK WITH
PURCHASE OF ANY ARB AIR LOCKER
[Click here for details.](#)



In stock! Ships same day
Free shipping on all orders over \$70.00!

[Add To Cart](#)

[ADD THIS PRODUCT TO YOUR WISHLIST](#)

Share: [f](#) [t](#) [p](#) [G+](#)

Related posts:

2019 ARB Drive Day

Installing ARB's twin
compressor in a JK

TOP 8 First Mods for your
JK

Posted in [Northridge News](#) Tagged [ARB](#), [axle](#), [bulkhead fitting](#), [how to](#)
 [1 Comment](#)

[← Installing the Injen Cold Air Intake into
your JL](#)

[Rigid Ignite Flush Mount lights – Back-up
light install →](#)

One Reply to “Air Locker Fittings – How to”



Michael says:

November 2, 2018 at 6:11 pm

Awesome write up, thank you for this!!!

Mike

@bougieoverland

[REPLY](#)

Leave a Reply

Your email address will not be published. Required fields are marked *

COMMENT *

NAME

EMAIL

WEBSITE

POST COMMENT

Search ...



CATEGORIES

Factory Tours

Jeep Builds

Jeep Parts Review

New Jeep Products

Northridge News

Photo Gallery

Tech Write Ups

Trail Runs

Truck Builds

Videos

RECENT POSTS

Rancho 2" Lift Kit For Your Wrangler JL – Install How-To

2019 PNW4WDA Summer Trail Jam – Naches, WA

Soft Tonneau Cover For Gladiator JT – Install How-To

Lifting Your Jeep JL – TeraFlex ST4 4.5" Lift Kit

Bestop Sunrider On Jeep Gladiator JT

PAST POSTS

Select Month 

TAG CLOUD

[2018](#) [aFe Power](#) [ARB](#) [artec](#) [Bartac](#) [beadlocks](#) [BFG](#) [Dana](#) [dirty life](#) [DIY Electrical](#)

[Electronics Factor](#) [55 Falcon](#) [Fox Shocks](#) [Hi-Lift](#) [Hot News](#) [James Baroud](#) [Jeep](#) [JK](#) [jk](#)

[wrangler](#) [JL](#) [JW](#) [Speaker](#) [KM3](#) [LoD](#) [Moab](#) [Mopar](#) [Genuine Parts](#) [Overland](#) [Ring and Pinion](#)

[RIPP](#) [Roof Top Tent](#) [RTT](#) [Rubicon](#) [Sill Guards](#) [Spare Tire](#) [sPOD](#) [TeraFlex](#) [Tires](#)

[WARN](#) [wheels](#) [Winch](#) [WJ](#) [Wrangler](#) [Wrangler-JL](#) [Zeon](#)



Northridge4x4
176K likes

Like Page



META

[Log in](#)

[Entries feed](#)

[Comments feed](#)

[WordPress.org](#)

© 2022 Northridge Nation News

Powered by WordPress / Theme by Design Lab