



FITTING INSTRUCTIONS FOR THE BOSS LA -19 AIR SUSPENSION ASSIST KIT

Safety First! Please make sure you have read the Safety recommendations supplied with your Kit

- 1 Check you have the right kit for the right vehicle. The vehicle make and type is printed in the top left hand corner.
- 2 When jacking the vehicle up and secure vehicle in a safe way with Jack/Axle stands under the chassis.

ASSEMBLING THE AIRBAGS

- 1 Assemble the airbags using the 24 countersunk bolts. Make sure the offset dimples match each end as per diagram
- 2 If the thread in the airbag ring does not match up, you can spin the aluminium ring on the airbag around to match. (if you have trouble with this, screw 2 screws in 5mm either side of aluminium ring and use a lever to rotate the aluminium ring on the airbag)

FITTING AIRBAGS TO THE VEHICLE (Do one side of the vehicle at a time)

- 3 Remove the rear wheel and remove the lower shock absorber bolt. You will need to relieve the weight on the lower control arm to be able to remove the shock absorber
- 4 The spring will fall out. Pull the rubber spring pads off. Get the airbag assemblies and **orientate them for the left and right sides.**
- 5 Place a liberal amount of Urethane on the mating surfaces, as this will prevent the bag assembly from moving or rattling.
- 6 When putting the airbag assemblies in place make sure the airline fitting is facing away from the chassis.
- 7 Due to the nature of the forged plates and fittings, one will have the airline at the top and the other at the bottom facing inboard.
- 8 Lift up the control arm and re-install the lower shock absorber bolt
- 9 Refit the wheels and put 5 psi into the bags before lowering the vehicle to the ground

HELPFUL HINTS

- 1 The alloy ring has the part that bites into the bellow to seal it so tighten bolts evenly. This will provide an even seal all round

When installed, initially inflate to 80-100psi and then reduce pressure to "normal" before using ("normal" varies depending on vehicle and load etc, you will find what is right for you). This should allow the rings to "bite" into the rubber and give a good seal.

AIR LINE & FITTINGS

1. Keep air fittings free from dirt during assembly
2. Mount the Schrader valve unit (Air valves) in a convenient assessable location
3. **Keep the airline at least 100 mm away from the exhaust systems**
4. Make sure the airline has a clean straight cut free of burrs on the edges and don't squash the line (see the diagram over page)
5. To fit the air hose into the fitting simply push the airline **firmlly** into the air fitting because that activates the seals. The lock claws will automatically grab the tubing and the elastic sleeve surrounding the airline seals the tube. Now, give a short sharp tug on the line to make sure it is seated.
6. Inflate the system and check for leaks using very soapy water, you're looking for active bubbling indicating a leak.
7. If leak is found remove the airline from the fitting and rotate the airline until leak stops
8. If leak persists, check airline for damage. Make sure the airline is free to come straight of the fitting at about 90 degrees and recut the air line with a very sharp knife ensuring a clean straight cut and repeat step 4 above
9. Do NOT use any thread tape, sealant, oil, grease, or any other substance on the airline when inserting it into the air fitting. It will cause a leak.
10. Zip Tie the line to the chassis
11. Install your door decal onto your Door Jam and your finished

Safety First

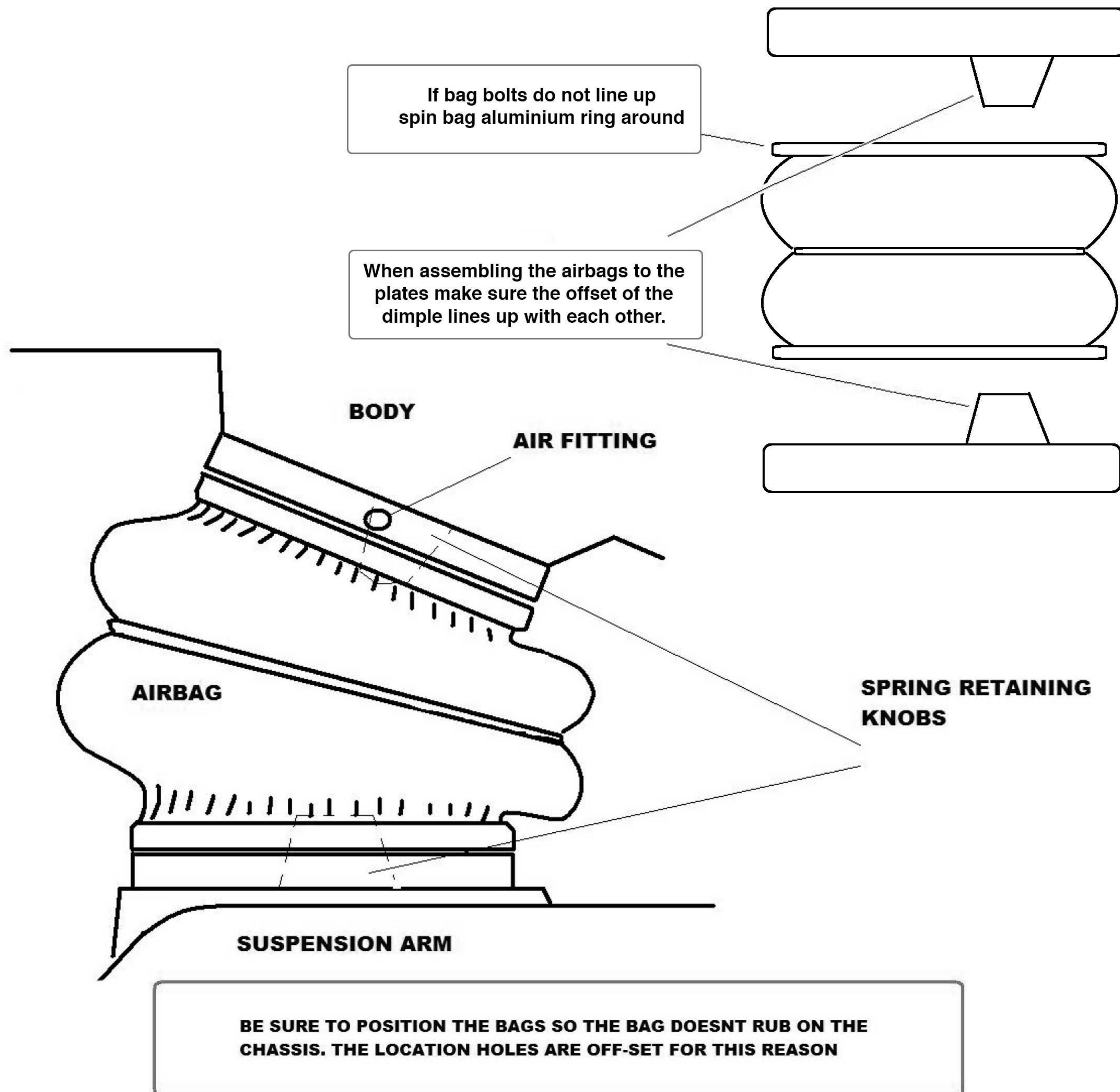
The airbags are intended to help the vehicle maintain a level and safe stance when legally loaded. Do not exceed the factory GVM rating.

If you exceed the factory GVM or overload your vehicle you run the possibility of damaging your chassis.

Do not inflate bags above 200psi and do not drive with bag bottomed out.

When retightening any factory fitted bolts such as U Bolts make sure you to tighten them to the vehicle manufacturers torque specification. If you are uncertain about the specification contact your vehicle manufacturer or dealer for details. Note: Replace your U bolts if they appear damaged. No responsibility whatsoever is accepted for the fitment of incorrect parts. The onus is clearly with the fitter to ensure the correct parts are used and those parts are correctly fitted to the particular job. Any damage to parts or consequential damage or cost resulting from the fitment of incorrect parts or fitment are totally the responsibility of the fitter.

Now you can pump up and enjoy your ride with BOSS. Thanks again for choosing a BOSS Air system.



AIR FITTING WILL BE AT TOP ON ONE SIDE, BOTTOM ON OTHER

CHECK OUT [YOUTUBE.COM/BOSSAIRBAGSUSPENSION](https://www.youtube.com/BossAirBagsSuspension) FOR HELPFULL INSTALLATION VIDEOS



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AIR SUSPENSION

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