



Jeep TJ - Front Air Bump Kit Instructions



Jeep TJ
Air Bump Kit



PPM-5002



PPM-5002 Jeep TJ Front Air Bump Mount Kit

Parts Included in Kit



General Notes

Requirements:

Fabrication and welding skills, grinder with cut off wheel, and a welder. A plasma cutter (or cutting torch) and other fabrication tools will make the install easier.



This kit requires cutting off part of the factory bumpstop mount. Welding is required on the air bump stop mount. This kit is designed to work with the Poly Performance Coilover Mount Kit (PPM-5000), but it may be used with a factory style coil and shock (without using the gusset plates included with this kit). This kit is designed to use a 2.0 Fox, Sway-A-Way, or Bilstein air bump stop. The bump stop mounting can requires cutting to length to set your up-travel limit.

Instructions

1. Remove the front tires, wheels, shocks, springs, and any other suspension components that may interfere with installation.
2. Cut off the stock bump stop near the bottom of the tapered section. Cut enough off to fit the mounting can inside.
3. Prep the area for welding by removing the paint.
4. Prep the bump stop landing pad on the axle and weld it to the center of the factory coil spring mount. Rubicon models already have this pad; it is not necessary to install the new pad.
5. Set the axle at the desired maximum up travel. You will need to measure and cut the mounting can to your required length. Air bumps stick out approximately 2" when fully collapsed.



Air Bump Kit installation in progress



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6. Cut off mounting cans and position in place. It is best to mock up the kit with the air bumps mounted. This allows the air bumps to be positioned to hit the center of the axle landing pads.
7. Double check that the air bumps are hitting the axle landing pad near the center. Make sure there is proper clearance for your steering, sway-bars, and other components. When you are satisfied with the kit's placement and you have proper clearance, weld the mounting cans in place.
8. Prep the frame for the gussets. Trim the gussets to fit the mounting can, and weld them in place. Caution: Be careful with welding above the can's oval window. Excess welding in this area will shrink the tubing making air bump installation difficult.
9. Paint the air bump mounts after welds have cooled. Install air bumps.
10. Enjoy your new Air Bump Mount kit! Thanks for choosing Poly Performance!