

# **Peterbilt Air Ride Suspension Installation Instructions**

- Place jack under cab to adjust it to ride height.
- Once preferred ride height is found, measure between frame cross member and bottom of cab.
- Remove top shock bolts and compress or extend suspension to ride height measurement.
- Remove leveling valve from its box. Take the ¼" bolts, washers, and nuts from the hardware bag to mount the valve on the left side of the suspension with 90-degree fitting facing upwards. Snug bolts up and mount leveling rod arm to the upper suspension shock tab in the ¼" hole.
- The levelling valve arm should be horizontal now to where the alignment tee can be inserted through arm into valve body. If alignment tee doesn't fit, swivel the valve to see if you can get the alignment tee to fit. If you are still unable to get the tee to fit loosen or remove the rod from arm boot, insert tee and reinstall rod (cut to length if necessary) and tighten, making sure ride height measurement is kept from bottom of lower plate to top side of upper plate. Remove tee.
- Find and remove the lower center five hucks on the back of the cab and drill holes out to 3/8".
- Locate the center hole that's underneath the back of the cab.
- Install 90-degree fitting in the bottom of the airbag. Install existing air line from valve to the air bag.
- Place suspension under cab, may need to relocate under cab objects for best fit.
- All bolts can now be installed, tighten upper center 1/2" bolt first semi-snug, then tighten all 3/8" bolts.
- Lower cab ride height by 3/4" and tighten lower four 1/2" bolts. Compress shock to its most minimum position and place upper shock bolts in the closest tab hole, without jacking cab back up, and tighten.
- Reroute and install main air supply from existing bunk levelling valve to the new valve.
- Remove jack, air up suspension and adjust if needed.





19150  
3/16  
Aluminum  
wide flanged  
collars

LINE