

FORD AIR BAG HELPER KIT INSTRUCTIONS

PART#04FAIR / #70013

(Works with our 2/4" drop kits: 04F24EZEX, 04F24EZES)



If the air bags are not installed correctly, all warranties will be voided. Make sure you check the space between the tire and air bag as well as the space between the air bag and the frame. Make sure you always keep at least 5 pounds of air in the bags but never over-inflate the bags. Make sure nothing is rubbing, poking, or interfering with the bags. Make sure the exhaust is also away from the bags and the air lines so that the heat will not ruin the parts.

Place a block in front of front wheels and jack up the rear of the truck placing jack stands under the frame in front of the rear suspension. Remove both rear tires.

1. There are a left and a right air bag bracket. The air bag bracket will locate on two holes on the inside of the frame rails behind the rear end. On the driver's side the two holes are used, the first hole is to locate the brake line tab on the frame, the second hole is to bolt the brake line to the frame. Remove the bolt and pull the brake line away from the frame. The driver's side air bag bracket will have the two brake line holes on the inner structure of the bracket. The driver side bracket hole should be the closest to the front of the truck.
2. Slip the bracket from the bottom up so the bracket surrounds the three sides of the frame. **Line up the two brake line holes to the two factory brake line holes so that you know you have the bracket in the correct position.** Mark the one hole in the bottom of the bracket and mark the two side holes. Clamp the bracket to the frame so that it doesn't move when you drill it. Drill the bottom hole from the bottom up first. Install the 1/2 x 5 1/2 long bolt and tighten. Make sure the brake line is out of the way before drilling the two side holes. We recommend putting a piece of wood or metal between the bracket and brake lines as a shield to ensure that you don't drill into the stock brake line. Install the two 1/2 x 4 long bolts and tighten. Re-install the factory brake line making sure that it doesn't rub on any bolts or any other parts. Reinstall the passenger side bracket the same way as the driver's side.
3. Install the 1/4", 90 degree elbow to the air bag and tighten. Install the air bag into the upper air bag bracket that is already installed on the frame. Use the provided 3/8 nylock nuts and tighten. Repeat the above for the passenger side.
4. The lower air bag brackets are different from left to right. The driver side bracket is made so the front legs of the bracket are longer than the rear and it's made to offset the bag towards the wheel. **Once you've located the right bracket bolt the bracket to the bottom of the air bag making sure you have plenty of room between the air bag and frame as well as between the air bag and wheel.** Using the four U-bolts provided in the kit, install the lower air bag bracket to the leaf spring with the nylock nuts provided.

*****Once you tighten the nylock nuts, cut all the excess U-bolt thread off that is protruding through the nylock nut (so that the bag doesn't rub into the threads). *****

5. Repeat the above for the passenger side.

NOTE: Depending on the wheel and tire option of your truck, you may need to adjust the bag in or out for clearance. Before tightening, check the clearance between the frame and air bag as well as between the air bag and the tire. If you have clearance issues, adjust the kit accordingly. Tighten the bag once you have determined the bag has plenty of clearance on all sides.

7. Plug 1/4" air line into each bag making sure the air line isn't rubbing on anything. Use provided wire ties to secure the air line. Once the air line is installed into both bags, cut the air line where the "T" fitting fits best. Use the remaining port on the "T" fitting to connect the air line that you will use to air up your bags. Run the other end of the air line to an extra license plate hole or behind the gas door. Once you have decided where you want to run the air line to, attach the inflation valve to the end of the air line.

9. Re-install the wheels to factory specifications or aftermarket wheel manufacturer specifications. Remove jack stands.

Make sure you always keep at least 5 pounds of air in the bags but never over inflate the bags. The maximum PSI for the bags is 90. Make sure nothing is rubbing, poking, or interfering with the bags. Make sure the exhaust is also away from the bags and the air lines so that the heat will not ruin the parts.