



Installation Instructions Air Shock Connection Kit 1980-1996 FLH/FLT

ATTENTION

Statements in these instructions that are preceded by the following words are of special significance:

Warning

This means there is the possibility of injury to yourself or others.

Caution

This means there is the possibility of damage to the vehicle.

Note

Information of particular importance has been placed in italics.

Warranty

Progressive Suspension warrants to the original purchaser this Part to be free of manufacturing defects in materials and workmanship for a period of one (1) year from the date of purchase. In the event warranty service is required, you must call Progressive Suspension immediately with a description of the problem.

If it is deemed necessary for Progressive Suspension to make an evaluation to determine whether the part is defective, a return authorization number will be given by Progressive Suspension. The parts must be packaged properly so as to not cause further damage and returned prepaid to Progressive Suspension with a copy of the original invoice of purchase and a detailed letter outlining the nature of the problem. If after the evaluation by Progressive Suspension the part was found to be defective it will be repaired or replaced at no cost to you. If we replace it, we may replace it with a reconditioned one of the same design.

Progressive Suspension shall not be held liable for any consequential or incidental damages resulting from the failure of a Progressive Suspension part. Progressive Suspension shall have no obligation if a part becomes defective as a result of improper installation or abuse.

IMPORTANT NOTICE

Caution: When applicable, follow instructions in an authorized shop manual or take the vehicle to a competent dealer.

This kit is designed to work with Progressive Suspension's 716 Series Air-Shocks. It is intended to replace the stock 1/8" inch size airlines on some models, or for models with no stock airlines at all.

Installation

1. If you have not done so already, install your 716 series air-shocks per the instructions that came with them.

Note: The included air fill valve and "T" fitting feature high pressure quick connect fittings. To connect the airlines, simply push them into the fitting until they bottom out. They bottom out about 3/16" past the first resistance you feel. If you need to trim the airline it is vital that you make a square cut with a sharp razor (do not use "dikes" or wire cutters) as failure to do so could result in a leak. If you need to disconnect a line for any reason, you simply push in the outer collar on the fitting and pull the airline out. Also, if you disconnect an airline it's a good idea to trim a small amount (approximately 1/8") off the end you pulled out—as a freshly cut and installed line is less likely to leak.

2. With a sharp razor, squarely cut two sections of 5/32" high-pressure tubing long enough to reach from the inlet of the air-shock the center of the motorcycle under where the seat would be.

3. Push one end of each of the cut pieces of tubing into the inlet in the air-shocks. Be sure you feel the tubing bottom out in the fittings. Route the tubing towards the center of the motorcycle, being certain it will not be pinched, crimped, or damaged in any way.

4. Push the other ends of the two pieces of tubing into the 5/32" T-Fitting. If possible, secure to something - like a wiring harness - using the supplied zip-tie.



5. Cut another length of tubing the proper length to reach from the third inlet in the "T" fitting to the location you intend to mount the filler valve, taking into consideration the routing of the tubing and possible zip-tie points. Do not cut it too short.

6. Plug one end into the "T" fitting and route tubing in such a manner that it is not exposed to heat, pinching, or crimping. Plug the other end into the filler valve. Secure tubing with zip-ties.

7. Using the supplied nut, secure the filler valve in stock filler valve bracket, replacing the stock filler valve. If your motorcycle has no such bracket or hole, you will need to make one.

8. Re-install any parts or accessories removed to install this kit. Using the filler valve, adjust your air-shocks per the instructions that came with the shocks.