

# INDIAN Monoshock Installation



NOTE: Prior to installation, determine the installation location for the compressor, air valve, electrical controls. Additional mounting hardware may be required.

1. Disconnect the battery.
2. Support rear of bike and remove current shock.
3. Install **AIRFX** monoshock fixed pivot end and spacers (provided) to the upper mount using the bolt and nut removed earlier. Re-install the lower shock bolt removed earlier. **USE RED LOCTITE ON ALL THREADS.**
4. Assemble the tire (schrader) valve to the female fitting provided with these instructions, use sealant. Connect the Schrader valve assembly to the elbow port on the rod end of the shock with the tubing provided. The Schrader valve assembly should be mounted or secured to the frame where it can be accessed after the bike has been re-assembled, to set the rebound. Use pipe sealant or blue Loctite to seal the fittings.
7. Mount the compressor such that it does not interfere with any moving suspension or drive train components.
8. Mount the valve/valves, and electrical controls.
9. Supply fused (15A) 12VDC power to the electrical controls. Reference other instructions to connect the electrical controls to the valve/valves and compressor.
10. Using a sharp blade, cut tubing to connect the compressor port and the straight fitting on the valve assembly. Reference other instructions for tubing connections

**You are now ready to test your newly installed AIRFX, Air Suspension System.**

11. Make sure bike goes up and down using the electrical switches.
12. Lift the bike through the entire travel of the suspension, while checking for interferences.
13. Check for proper belt tension at mid travel of the suspension. Listen for leaks. The system should trap the air in the cylinder, it should not drift down.
14. Adjust the rebound. Lower the bike to the lowest point. Press in on the valve stem in the tire valve to vent any trapped air. As the bike lifts, the trapped air will compress and work as a rebound spring. If you wish to firm up the ride, add 5-20 psi while lowered to the tire valve to pre-charge the rebound chamber.

**THE BIKE SHOULD ROLL FREELY AT BOTH THE HIGHEST AND LOWEST SETTINGS**

**VERIFY THAT THE KICKSTAND SUPPORTS THE BIKE AT ALL HEIGHT SETTINGS**

**\*\*\*\*\* WARNING \*\*\*\*\***

**THIS SYSTEM MAY USE THE FULL TRAVEL OF THE SUSPENSION. THE INSTALLER IS RESPONSIBLE FOR THE PROPER INSTALLATION. LOSS OF AIR PRESSURE WILL RESULT IN THE SUSPENSION MOVING TO IT'S LOWEST POSITION. THE INSTALLER IS RESPONSIBLE TO VERIFY THE SAFETY OF THE APPLICATION. IMPROPER INSTALLATION COULD RESULT IN DAMAGE TO THE MOTORCYCLE AND COULD CAUSE SERIOUS INJURY OR DEATH.**

**AIRFX USA, LLC  
501 SOUTH AIRPORT ST.  
TERRE HAUTE, IN 47803  
800-210-1454**



