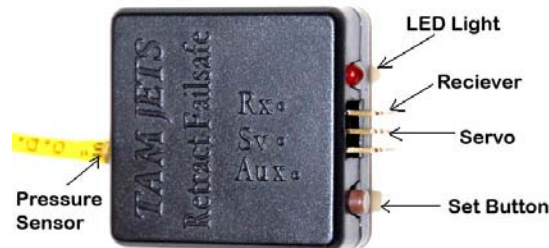




## Gear Failsafe System



The Tamjets gear failsafe device will help prevent a belly landing due to an air leak on all airplane models with an air retract system. This device has a digital sensor that monitors air pressure. In the event of an air leak, the Failsafe system will put the gear down at preset pressure before the system loses all the air. Another nice feature of this device is it prevents an accidental gear-up when the transmitter is turned on and the gear switch is in the up position. The gear failsafe disables the signal that drives the servo. When gear switch is set back to the down position the device will automatically disable the failsafe mode and will resume normal operation. (For **Spektrum** radio system. Once you are done set up your gear installation. Bind your failsafe in gear up position in order for this function to work. Now follow the instruction to install and program your gear failsafe device.)

### Instruction how to program failsafe device

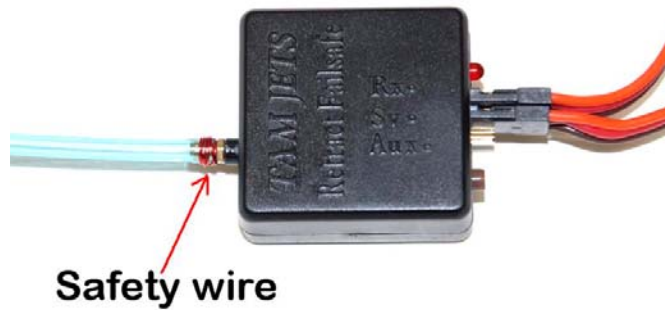
First, set up your gear installation without the gear failsafe. Second, un-plug the retract servo lead and hook it up to failsafe device. Signal wire facing the top of the failsafe device. Next, hook up the failsafe device connector to Rx retract channel. Now follow the instructions to program the failsafe device.

1. Hold down the set button switch then turn on your Rx to enter the program mode: The LED will respond with 2 fast blinks to indicate gear down input.
2. From your transmitter. Flip the switch to gear down position and press set the button switch once.
3. Now the LED light responds with 3 fast blinks to indicate gear up input.
4. From your transmitter. Put the switch in the gear up position and press the set button switch once.
5. Now the LED light responds with 4 blinks to indicate pressure hold input.
6. Pump air to the minimum pressure you want to set failsafe at (we recommend 50 psi) and press the set button once. **Programming is completed.**
7. To bypass failsafe mode: Hold down set button for 1.5 seconds. To enable, hold down set button until LED light on or turn off the Rx and then turn back on, this will automatically enable the failsafe.
8. To reset the program: Repeat following the program mode.

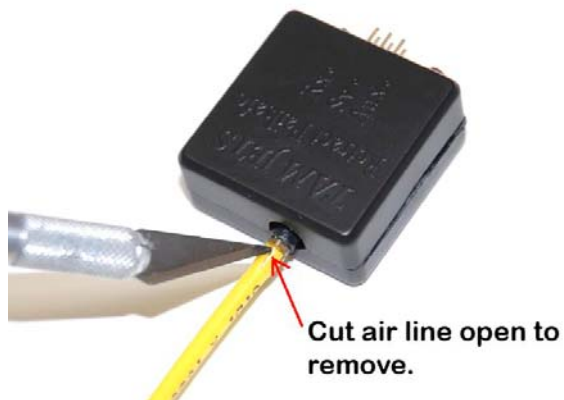
### New firmware upgrade Gear Failsafe version 2:

1. You can enable failsafe mode by pump air above 25 psi from minimum failsafe pressure setting.
2. New firmware also allowing retract servo to overwrite in failsafe mode for operation brake option set up (note: gear switch must be in down position in order to work).

### Tip for trouble shoot



The direction of the servo lead is signal wire on top and black wire on the bottom.  
Remember to safety wire the air line.



To remove the air line, do not pull air line out from the nipple. This will cause damage to sensor. Use a X-actor knife to cut airline open to remove.



Incase of an air leak. Check the sensor fitting and apply tiny drop of thin CA to seal the leak.