



**Service
Bulletin**

B0401903

2004-04

Products: 395XP Chain Saw

Subject: Tillotson Carburetor Idle Screw

We have found that the Tillotson carburetor idle screw used on model 395XP chain saws is susceptible to vibration and in some cases may move out of adjustment.

We have developed a simple radial brake to prevent movement caused by vibration. The solution involves using a piece of plastic tubing installed behind the lip on the idler screw. The thickness of this tubing (3/8" O.D x 1/4" I.D.) puts pressure on the plastic housing located below the idle screw.

Follow the steps below if you encounter out of adjustment idle screws on the 395.

1. Using a razor blade to ensure a smooth cut, cut a 1/4" section of the tubing. Use your own 3/8" outside diameter x 1/4" inside diameter tubing or order part # 531 30 04-67.
Note: each section of tubing ordered is approx. 2" in length, enough to repair 7-8 units
2. Using a flat head screw driver counter-clockwise, carefully count the number of turns it takes to remove the idle screw (approx. 12-13 turns)
3. Place the pre-cut piece of tubing past the threads of the screw and slide it tight against the lip of the screw
4. Reinstall the screw turning clockwise, using the same number of turns you used to remove it in step 2.
Remember to reinstall in the left hole of the carburetor housing as indicated in the drawing (below left).

Part No.	Description
531 30 04-67	clear tubing

