

Toe brakes are designed to be used with Hegar master cylinders available from Hegar, ACS, Tracy Obrien or Great Plains. Other master cylinders will probably work too.

They are designed to work for the left seat rudder pedals. Right seat will require the pivot rods to be reversed.

Fabricate a tang out of 0.125 plate or angle with one .25 hole for the pivot bolt. (see photo)

Hole distance from rudder arm must allow top of master cylinder to pivot slightly when attached to rudder arm.

Attach top of master cylinder to upper tang with appropriate AN4 bolt.

Adjust master cylinder rod bearing to mid-range.

Attach bearing to toe brake tang with AN4 bolt of appropriate length.

Slide pivot rod inside of bottom of rudder pedal tube.

Hold toe forward against back of rudder pedal arm.

Locate upper tang on inside of rudder pedal arm, keeping toe held against back of arm.

Clamp upper tang to pedal arm.

Drill and rivet upper tang to pedal arm.

Adjust bearing length to take out any slack.



The pivot rod inserted into rudder pedal is not powder coated.

It is advised to grease this prior to final assembly to prevent corrosion and allow smooth operation.

Toe brake is held into rudder pedal tube by the master cylinder.

These brakes work great in combination with a fully swiveling screaming eagle tailwheel from Flyboyaccessories.net