

# Scalded Dog Manifold Linkage

## Materials:

- A: 1 - Black iron strap 12" L x 1/8" T x 1/2" to 5/8" W
- B: 1 - Bolt 5/16-18 x 2-1/4" L (pivot bolt)
  - + 1 - 5/16" lock nut
  - + 5/16" steel washers or stand-off as needed.

**LINK BARS:** Spring loaded link ends can be stock Model A Ford throttle rods (1) short for top & (1) long for bottom. Cut off one spring end and shorten/size as needed for a clean fit.

## OPTIONAL:

- Throttle return spring for safety.
- Paint or polish.
- Fuel Pump: Not normally required.

## PROCEDURE:

- Bend iron strap in vise.
- Drill pivot hole for bolt at B
- Drill 3/16" link holes & optional holes as needed at D.
- Grind strap ends to a rounded end.
- Use flat washers or stand-off as a spacer at C-1
- Use 1 flat washer under bolt head at C-2.
  - Optional holes (D) give different leverage ratios to experiment with, shown as dotted lines.

**BE SAFE:** Strongly suggest using a throttle return spring at the carburetor's throttle lever to pull lever to full stop if linkage fails.

**CHOKE:** Generally, the choke is not required. To secure the choke lever fully open (*straight up and down*), use a light gauge wire to bind it in a non-movable position. A quick foot pedal jab will squirt a bit of fuel and your engine should start right up even on a cool day. It is NOT recommended to remove the choke plate. It helps direct the air flow for maxium performance.

Photos shows dual spring end links. In the new application cut one spring end off each link and slide rod into slider link supplied, adjust and cut off excess rod.

