

# TR6 Scuttle Vent Install

OVTC Meeting 26 Sept 2023

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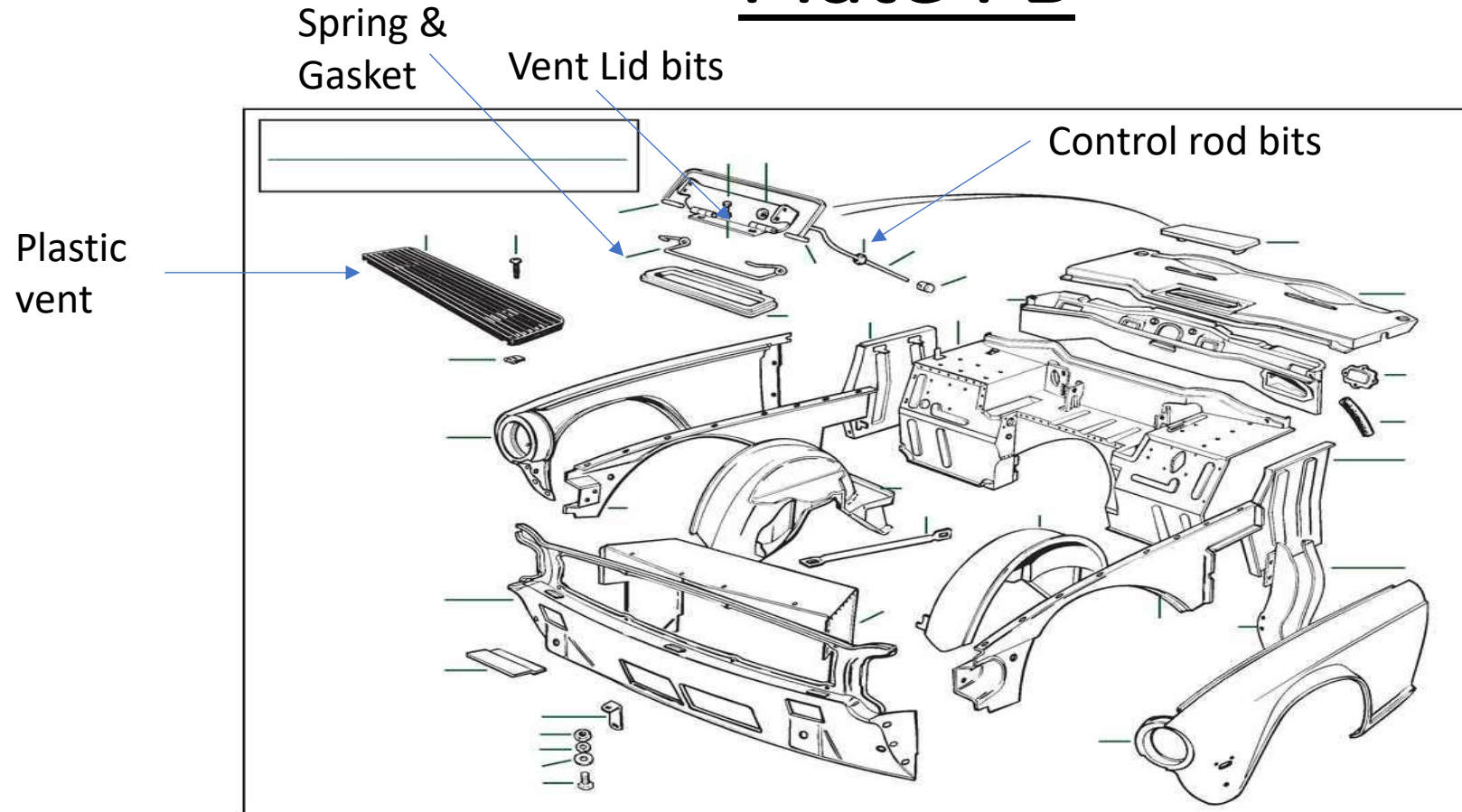
# History of Scuttle Vent

- Triumph cars have had a moveable scuttle vent lid through the TR4, TR5/R250 and TR6 (1968-1971) models
- In 1972, Triumph replaced the moving metal vent lid with a plastic permanently open lid
  - Not sure why the changes, but possibilities are:
    - Metal vent was considered “old school / obsolete”
    - Plastic lid was cheaper and faster to install.
- Of note, Triumph did not change the actual metal body so it is possible to retrofit a metal vent lid on the later (post 1971) TR6s.

# Parts required

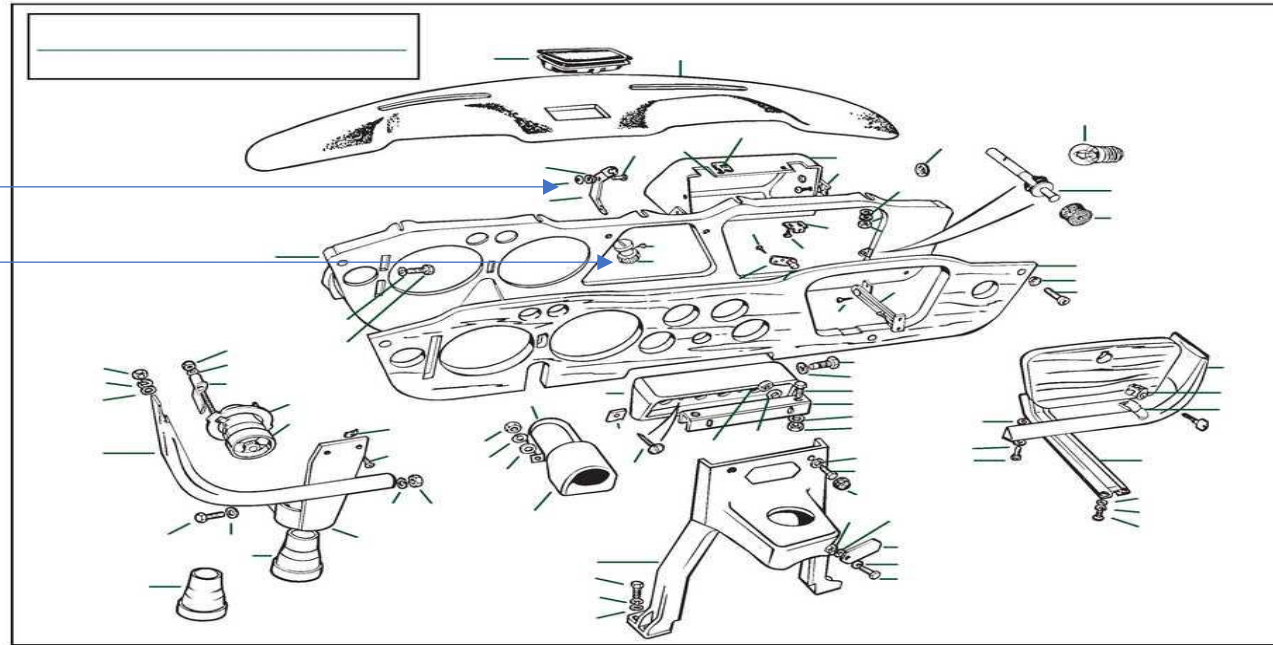
TRF Plate	Name
FB08	Vent Lid Assy
FB09	Pin, Hinge
FB10	Seal, rubber
FB11	Screw, Set (3)
FP12	Washer (3)
FB13	Spring
FB14	Rod Control
FB15	Nut
FB16	Grommet, Bulkhead
FB17a	Screw, Cable Clamp
FB17b	Clamp Cable
FW14	Lever, opening
FW15	Knob, Vent Control
FW16	Screw
FW17	Rivet
FW18	Washer, spring
FW19	Retainer, Truarc

# Plate FB



# Plate FW

Opening Lever bits  
Knob



# Issues

- The rubber gasket is available, but is difficult to install as it is too thick. It may be possible to thin it down, or just not use it.
- Part FW17 (rivet is not available, but can be replaced by an 1 inch long x ¼ inch bolt and a couple of nuts.
- Part FW14 (lever, vent opening) is not available but can be made by anyone with some metal working skills.
- Part FB17 (Cable Clamp) may not be available. Dorman makes ¼ “ Cable Stops, but I found Canadian Tire sells a Dorman Cable Stop package of 2 x 3 sizes (pn: 024-5322-8) for \$6.49. You need one of the six.

# Installed Vent Lid



# Open Vent Lid





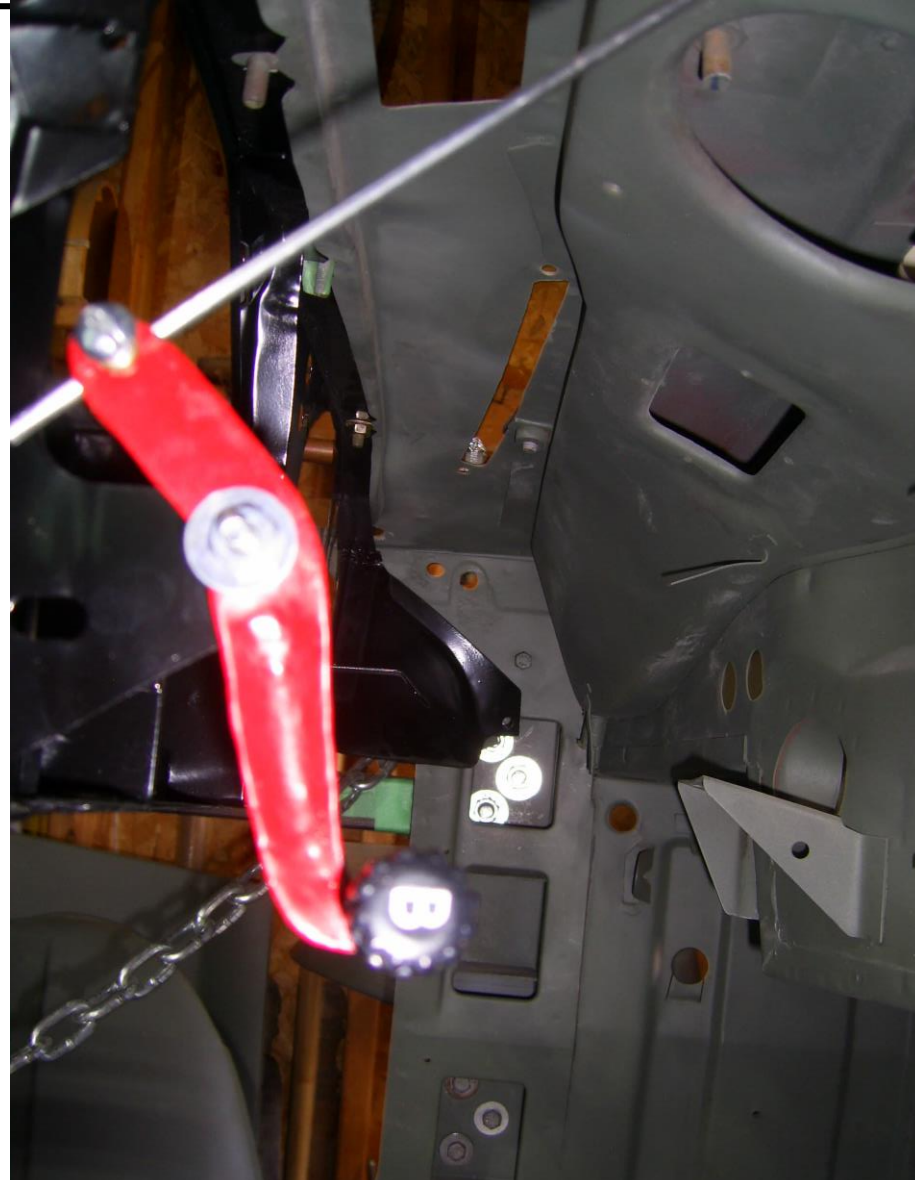
# Gasket and Spring



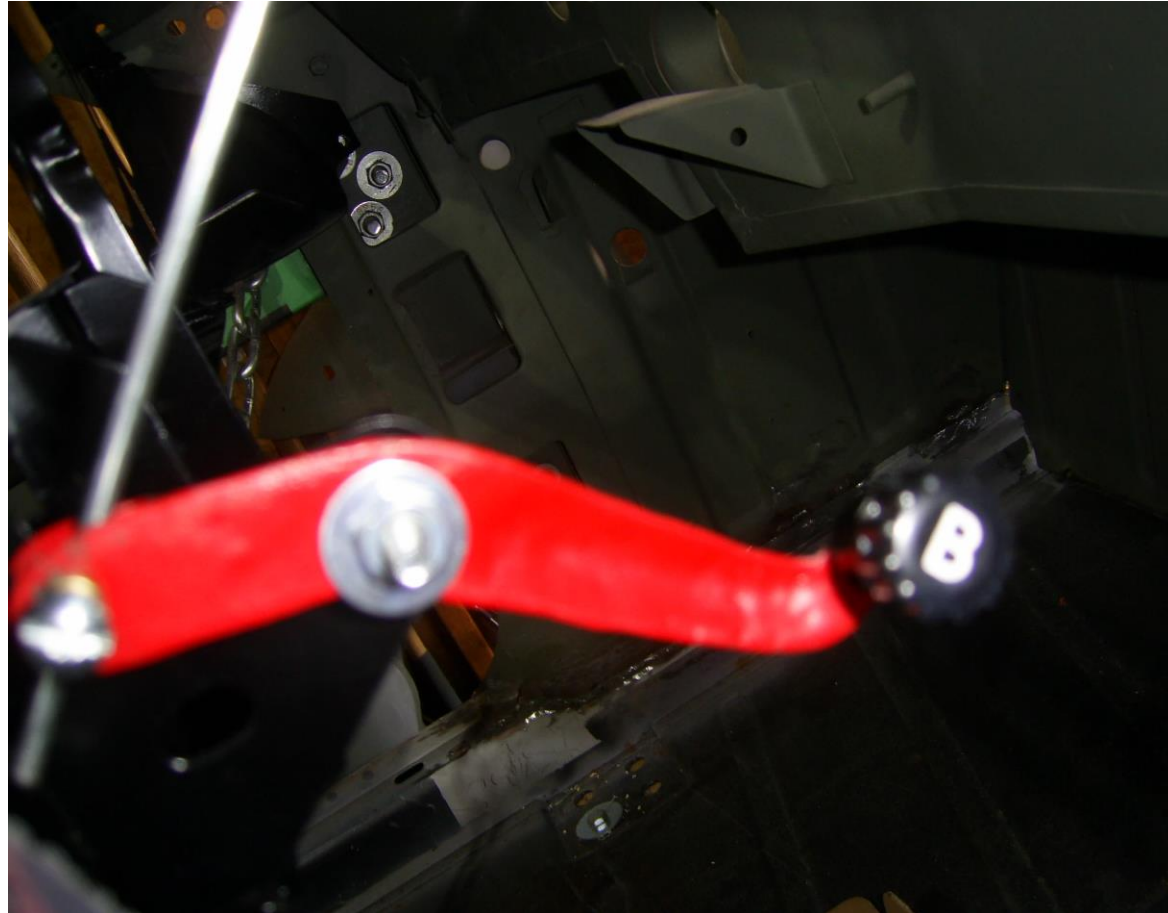
# Connecting Rod



# Connecting Rod to Vent Operating Lever



# Vent Opening Lever



# Making the Vent Opening Lever



Overall flat dimensions 4.5" x 1"

Use .063 (16 gauge) metal

Small Rod end is .5" in width and 1.25" long

Pivot middle is .75" in width

Knob end is  $\frac{5}{32}''$  in width

Inside bend is  $160^\circ$

Outside bend is  $140^\circ$

Knob tab end folds  $90^\circ$  down .5" from end

Rod support piece bends  $90^\circ$  at  $\frac{5}{8}''$  and then again at  $\frac{7}{8}''$  to form a Z shape which is then spot welded, welded or rivetted to the main piece.

Distance from rod  $\frac{1}{4}''$  hole to the centre  $\frac{7}{32}''$  hole is 1.5" and then  $2\frac{3}{8}''$  to the knob hole measured diagonally on the flat main piece.

Actual shape of piece is not critical as long as the hole dimensions are close and the knob end is sized (about  $\frac{5}{32}''$ ) to slide into the slot in the knob.

Questions?

# Making the Vent Operating Lever

