

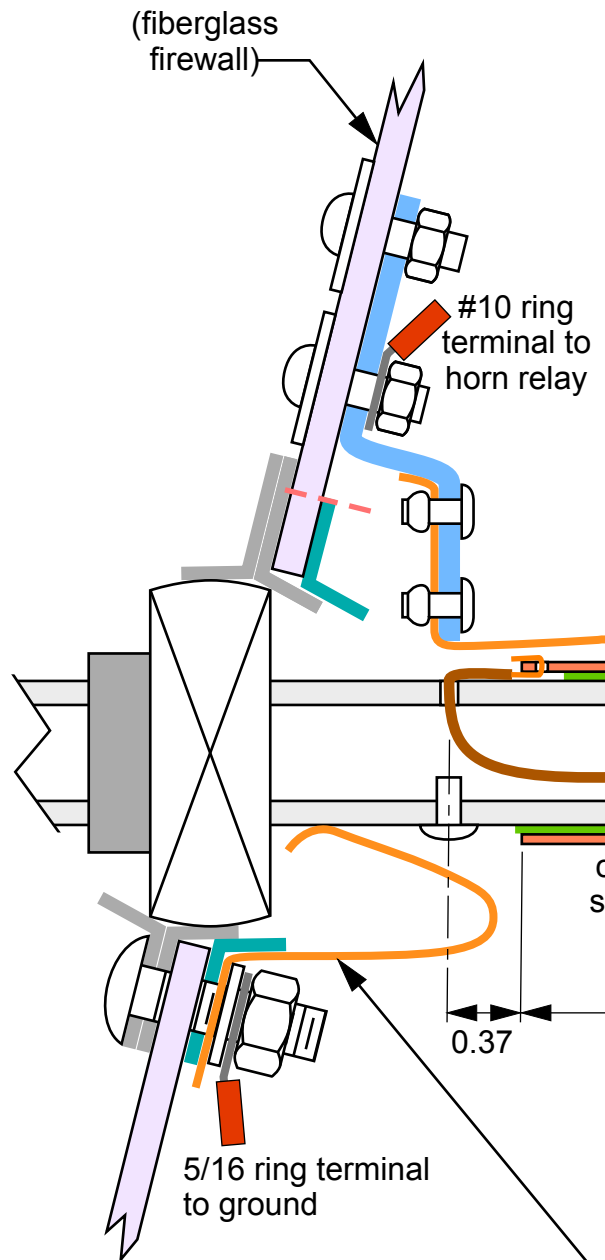
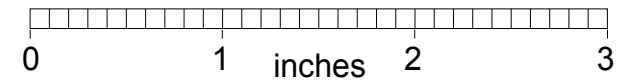
RABUGGI

Steering Shaft / Wheel Horn Button Scheme

11-11-20 R.A.B.

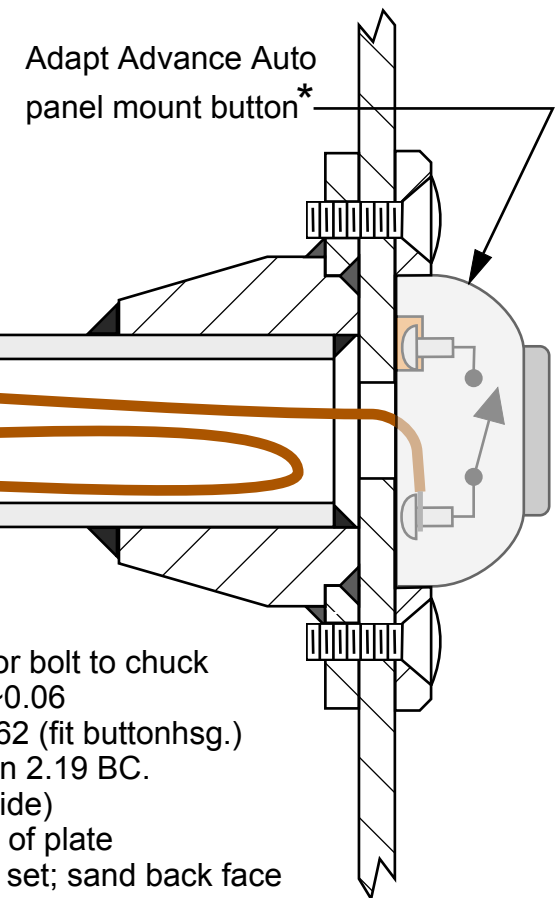
Rev. 06-03-21 R.A.B.

scale: full



- ✓
- relieve brng. flange dia. top for addl. clearance
- fab 0.12 x 0.75 steel wiper bracket
- fab 0.03 x 0.75 brass contact wiper
- (2) 1/8 pop rivets
- (2) #10 - 32 x 5/8" screws, nuts, washers
- 3/16" drill firewall, mount steel wiper bracket
- fab 0.03 x 0.75 brass ground contact wiper *
- trim copper coupler (0.81 ID) slip ring to 1.25"
- drill 5/64" hole in slip ring for 18 ga. tinned wire
- solder ~36" 18 ga. wire tip to slip ring
- turn PVC pipe insul. sleeve ID to fit over 3/4" shaft
- drill 1/8" dia. hole in str. shaft for 18 ga. wire
- drill / tap str. shaft for wire protection #6 screw
- epoxy PVC sleeve and slip ring on shaft, set
- feed 18 ga. wire up shaft, install #6 screw
- brush liquid tape on exposed wire end & hole

do for Grant assembly update also



- * 1/2" drill 3/16" thick alum plate for bolt to chuck
- turn plate to 2.90 OD, chamfer ~0.06
- chuck plate on OD, turn ID to 1.62 (fit buttonhsg.)
- layout, drill six holes 0.190 dia on 2.19 BC.
- c'sink six holes (on chamfered side)
- wet sand, pre-polish visible face of plate
- epoxy button housing into plate, set; sand back face
- fab & screw brass grounding clip to one button terminal
- polish assembly
- screw ~6 in. 18 ga. tinned wire with spade to other terminal
- plug in spade, stuff wire (w/silicone), assemble wheel & shaft

Ground contact wiper removed 06-03-21.
Ground works OK through bearing, and
redundant wiper is not needed.