

HOW TO MAKE A LONG LIFE FIREARM SUPPRESSOR

SILENCER IS A WORD WHICH IS USED BACK AND FORTH ALONG WITH SUPPRESSOR. A FIREARM SILENCER WOULD NOT JUST BE A PART WHICH SCREWS ON THE FRONT OF THE GUN, IT WOULD ALSO CONSIST OF A CONTRAPTION TO MUFFLE THE BOLT ACTION AND SHELL EJECTION. A SUPPRESSOR IS A DEVICE WHICH QUIETS OR COMPLETELY ELIMINATES ALL NOISE FROM THE EXPPELLING BULLET AND GASES.

A SUPPRESSOR WORKS IN THE SAME MANNER AS A CAR MUFFLER. THE MUFFLER CONSISTS OF CHAMBERS FOR THE COMPRESSION TO DISPERSE AND THE SOUND TO BE REDIRECTED OR ABSORBED. HEAT IS ALSO REDUCED THROUGHOUT THE MUFFLER SYSTEM. A SUPPRESSOR WORKS ON THE SAME BASIS. THERE ARE GENERALLY THREE SECTIONS TO A FIREARM SUPPRESSOR: THE FIRST STAGE (USUALLY CONSISTS OF SOMETHING WHICH WILL ABSORB AND DISSAPATE HEAT RAPIDLY. IT ALSO ALLOWS FOR SOME OF THE COMPRESSION TO BE REDUCED BECAUSE OF THE COOLING OF EXTREMELY HOT GASES.), THE SECOND STAGE (USUALLY CONSISTS OF RUBBER OR PLASTIC WASHERS OR DISCS THAT HELP SLOW DOWN THE BULLET TO SUB-SONIC SPEED. IT ALSO HELPS REDUCE COMPRESSION.), THE THIRD STAGE (THIS IS THE MOST COMPLICATED STAGE. IT USUALLY CONSISTS OF TALL WOOD WASHERS WITH RUBBER DISCS BETWEEN THEM OR THICK CHAMBERS OF SOFT PLASIC. THE END OF THIS STAGE HAS A LOW WEAR RUBBER CYLINDER TO SLOW DOWN OUTGOING AIR.). THE ENTIRE SUPPRESSOR IS CONTAINED WITHIN A 1 1/2 INCH 300PSI PLASTIC PVC PIPE.

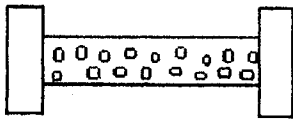
PARTS LIST:

- 1 6-14 INCH LONG 1 1/2 INCH 300PSI PLASTIC PVC PIPE.
 - 10-15 RUBBER OR MEDIUM HARDNESS PLASTIC DISCS.
 - 11-16 SOFT WOOD WASHERS WITH A 1 1/4 INCH ID.
 - 1 RUBBER CYLINDER.
 - 5 RUBBER DISCS.
 - 6 TALL WOODEN WASHERS. PLAIN
 - 2 STEEL PLUGS FOR THE MIDDLE AND FRONT OF THE SUPPRESSOR.
 - 1 HEAT AND PRESSURE DISPERMENT ROD WITH POSITIONING RINGS. BLACK
 - 2 STABILIZER DONUTS TO KEEP THE SUPPRESSOR STRAIGHT. RED
 - 4 SEPARATOR DISCS. GREEN
 - 1 ADAPTER TO ATTACH THE SUPPRESSOR TO THE FIREARM.
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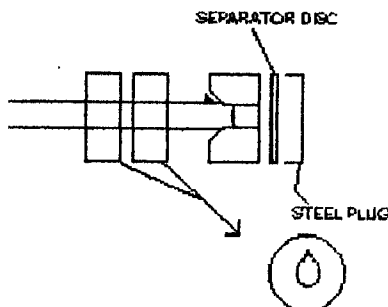
DISCS CAN BE CUT OUT WITH A HOLE SAW, PURCHASED FROM ANY LOCAL HARDWARE STORE. THE MATERIALS CAN BE BOUGHT THEIR ALSO. RUBBER AND PLASTIC CAN BE CUT OUT OF TIRES OR TRASHCANS. WOODED WASHER CAN BE CUT OUT OF PEG OR PARTICLE BOARD. THE STEEL PLUGS CAN BE BOUGHT AT ANY AUTOMOTIVE STORE, FREEZE PLUGS. THE HEAT AND PRESSURE ROD CAN BE BOUGHT AT ANY METAL SHOP, BUY A 4-6 INCH LONG AT ABOUT 1/8 INCH THICK ALUMINUM TUBE WITH AN ID AS CLOSE TO THE BULLET AS POSSIBLE. STABILIZER DONUTS CAN BE CUT OUT OF BIRCH OR OAK WOOD, AND THEN DRILLED WITH A HOLE DRILL.

ALL DISCS AND INSERTED ITEMS, EXCEPT THE HEAT ROD, SHOULD BE SLIGHTLY UNDER 1 1/2 INCH DIAMETER, SO IT WILL FIT SNUG INSIDE THE TUBE.

THE HEAT ROD SHOULD BE DRILLED FULL OF HOLES $\frac{3}{4}$ INCH FROM EACH END. THESE HOLES SHOULD BE ABOUT THE SAME SIZE AS THE BULLET. LEAVE ABOUT A $\frac{1}{4}$ INCH GAP BETWEEN EACH HOLE. PLACE A WOODEN DONUT AT EACH END AND EPOXY OR THREAD THE ROD INTO THE WOOD. WRAP THE ROD WITH ALUMINUM SCREEN AND PLACE IT IN THE TUBE FIRST. THIS PART SHOULD BE VERY TIGHT. YOU MAY EVEN HAVE TO HAMMER IT IN THE TUBE. DO NOT FASTEN IT IN WITH SCREWS OR GLUE.



NOW PLACE A STEEL PLUG IN THE TUBE SO THE ROUNDED END IS FACING THE TOP OR EXIT HOLE. NOW PLACE THE ADAPTER IN THE TUBE FOLLOWED BY THE STABILIZER DONUTS. MAKE SURE THE BARREL WILL SEAT SECURELY IN THE ADAPTER AND THAT THE DONUTS ARE SNUG ON THE BARREL. MAKE SURE YOU PLACE A SEPARATOR DISC BETWEEN EACH STAGE. DRILL LITTLE HOLES INTO THE TUBE ABOUT HALF WAY INTO THE ADAPTER AND DONUTS AND PLACE SMALL SCREWS IN PLACE TO HOLD THEM SECURELY.



NOTICE THE SMALL ANGLE THAT IS CUT FOR THE SIGHT. THE ADAPTER MUST BE REAMED AT AN ANGLE SO THE SIGHT WILL NOT INTERFERE.

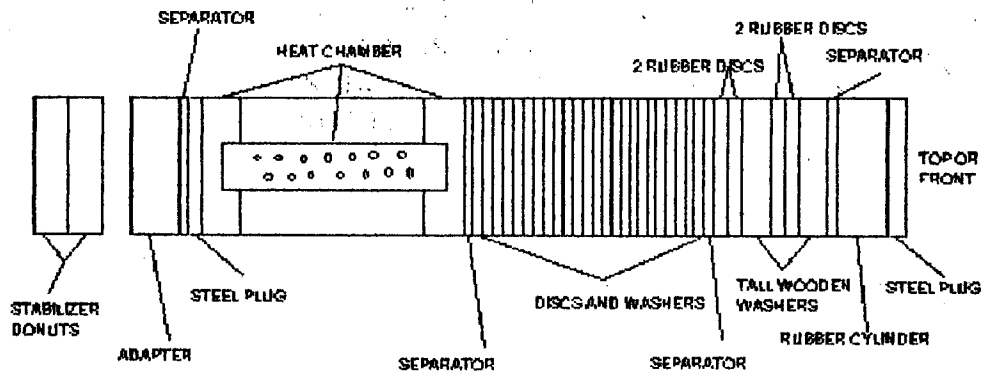
PLACE A SMALLER PVC PIPE IN THE FRONT END AND PUSH THE HEAT DISPERSMENT CHAMBER UP NEXT TO THE SEPARATOR DISC, NEXT TO THE ADAPTER.

NOW, FROM THE TOP, PLACE A WOODEN WASHER, THEN PLASTIC DISC, WASHER, DISC, ETC. 9MM USUALLY REQUIRES 12-15 AND 22 ONLY 6-9. THERE SHOULD BE 12-15 DISCS AND 13-16 WOODEN WASHERS. DO NOT END UP WITH A WASHER. NOW PLACE ANOTHER SEPARATOR IN PLACE.

LAST YOU WILL NEED TO INSERT TWO RUBBER DISCS, THEN A TALL WOODEN WASHER, TWO DISCS, THEN A TALL WASHER. NOW PLACE ANOTHER SEPARATOR IN PLACE. PLACE THE LARGE RUBBER CYLINDER IN PLACE. THIS SHOULD BE ABOUT $\frac{1}{2}$ INCH THICK.

PLACE THE STEEL PLUG IN THE FRONT END SO THE ROUNDED SIDE FACES OUT. RIVET IT IN PLACE VERY CAREFULLY.

FINISHED ORDER OF PARTS.



BEFORE USING MAKE SURE THERE IS A CLEAN HOLE ALL THE WAY THROUGH THE SUPPRESSOR. USE A WOODEN DOWEL TO SEE IF THE SUPPRESSOR IS LINED UP WITH THE BARREL HOLE. ALL INSERTED PARTS MUST HAVE A HOLE IN THE CENTER THAT IS THE SAME SIZE OR SLIGHTLY LARGER THAN THE BULLET DIAMETER.

FOR COMMENTS OR QUESTIONS. SEND SASE TO:
FOR CATALOG SEND \$1.00.

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