

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 EXPELLING 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 ½ INCH 300PSI PLASTIC PVC PIPE.

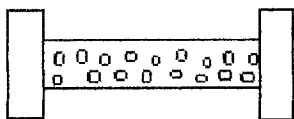
PARTS LIST:

- 1 6-14 INCH LONG 1 ½ INCH 300PSI PLASTIC PVC PIPE.
 - 10-15 RUBBER OR MEDIUM HARDNESS PLASTIC DISCS.
 - 11-16 SOFT WOOD WASHERS WITH A 1 ¼ 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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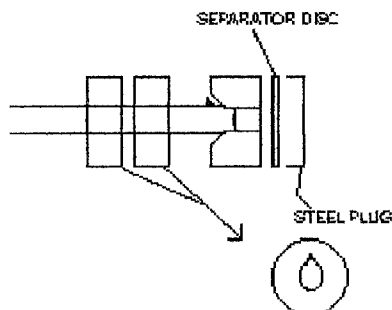
DISCS CAN BE CUT OUT WITH A HOLE SAW, PURCHASED FROM ANY LOCAL HARDWARE STORE. THE MATERIALS CAN BE BOUGHT THEIR ALSO. RUBBER AND PLASTIC CAN BE CUT OUT OF TIRES OR TRASHCANS. WOODED WASHER CAN BE CUT OUT OF PEG OR PARTICLE BOARD. THE STEEL PLUGS CAN BE BOUGHT AT ANY AUTOMOTIVE STORE, FREEZE PLUGS. THE 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 ½ INCH DIAMETER, SO IT WILL FIT SNUG INSIDE THE TUBE.

THE HEAT ROD SHOULD BE DRILLED FULL OF HOLES ¼ INCH FROM EACH END. THESE HOLES SHOULD BE ABOUT THE SAME SIZE AS THE BULLET. LEAVE ABOUT A ¼ 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.

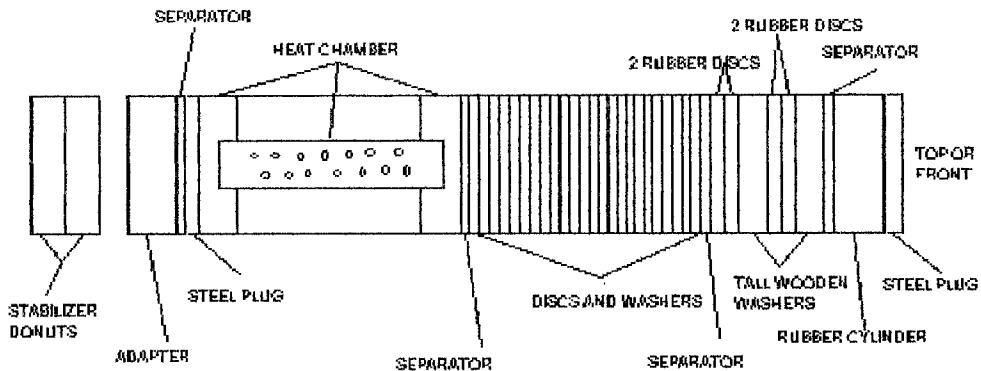
PLACE A SMALLER PVC PIPE IN THE FRONT END AND PUSH THE HEAT DISPERSMENT CHAMBER UP NEXT TO THE SEPARATOR DISC, NEXT TO THE ADAPTER.

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 ½ 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.

UUE 1839-D WEST VISTA WAY #515 VISTA CA 92083.

If you bought the kit, you must trim all parts down so they will fit in a pvc pipe. The pipe must be the white type which can handle at least 300psi. Paint the pvc flat black so it will not hold finger prints. Some kits do not come with predrilled adapters, you must buy a hole saw set and drill them yourself. Make sure there is a clean hole through before trying to shoot any rounds through it. Be safe and obey your local, state and federal laws.

Details to remember.

Suppressors will slow down the bullet and may cause the bullet to defract in another direction.

Suppressors do not operate well in cold weather, but this particular model will for the first few hundred rounds.

If you wish to shoot full auto, you must double the quantity of internal parts and use an aluminum pipe covered with a neoprene sleeve. Remember that metal dings.

Where to get parts:

From your local hardware store, wood saws, hole saws and aluminum pipe and medium hardness plastic washers. Use floor edging rubber...they are used to protect the base of a wall about 4-5 inches up from the floor, look in a school or hospital for an example.

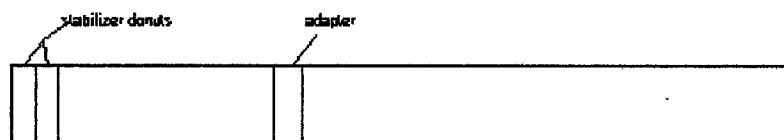
Buy the steel plugs from any automotive store, use the 40 or 41mm size.

Use car tire rubber for the 2 rubber discs and rubber slug.

Use oak or birch wood for the adapter. Use a soft wood for the stabilizer donuts.

Use pressed wood or flat cardboard for the discs. Make sure you drill the large inner hole before inserting.

If you are using these on any high power rifle you must make sure the stabilizer donuts are far away from the adapter..see below for an example.



NOTE: the farther away the stab donuts are from the adapter, the more accurate the shooting will be.
