

RATT WORKS K-350 TRIBRID ASSEMBLY INSTRUCTIONS

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STEP 1: THREAD 1/8 COMPRESSION SLEEVE ONTO FUEL FITTING, USE SPECIAL SOCKET TOOL. DO NOT TIGHTEN.



STEP 2: INSERT FUEL PLUG INTO COMPRESSION SLEEVE UNTILL SEATED.



STEP 3: USING SPECIAL SOCKET TOOL , TIGHTEN COMPRESSION SLEEVE FINGER TIGHT , USE WRENCH TO TIGHTEN 3/4 TURN.



STEP 4: WRAP TEFLON TAPE ON NITROUS FITTING AND THREAD INTO INJECTOR



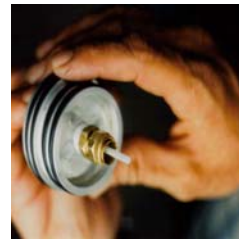
STEP 5: INSERT 5/16 HEX WRENCH INTO REAR OF INJECTOR HOUSING .USE 9/16 WRENCH TO TIGHTEN NITROUS FITTING.



STEP 6 : POUR 275 ml OF DENATURED ALCOHOL INTO FUEL TANK, OR 1 INCH FROM TOP. NOTE: ALCOHOL PISTON SHOULD BE RECESSED 1/2" TO 1" FROM BOTTOM OF FUEL TANK.



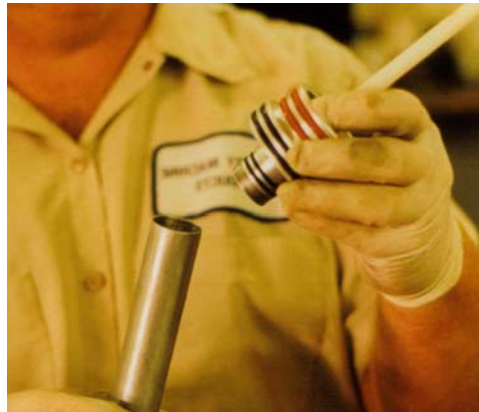
STEP 7: APPLY KRYTOX ONTO O-RINGS PRIOR TO CONNECTING INJECTOR HOUSING TO THE FUEL TANK. THREAD HOUSING INTO FUEL TANK. **VERY IMPORTANT:** INSERT NON-METALLIC ROD INTO REAR OF FUEL TANK AGAINST THE ALCOHOL PISTON. APPLY PRESSURE ONTO ROD FOR AT LEAST TEN (10) SECONDS. REMOVE ROD AND INSPECT FOR ANY SIGNS OF LEAKING. CHECK PISTON, HOUSING SEAL AND FUEL PLUG AREA. REPLACE SEALS AND/OR FUEL PLUG IF LEAK IS DETECTED.



STEP 8: REMOVE INJECTOR HOUSING FROM FUEL TANK, THREAD 3/8 COMPRESSION SLEEVE ONTO NITROUS FITTING, DO NOT TIGHTEN.



STEP 9: INSERT GROOVED END OF 3/8 DIA. NITROUS FILL LINE INTO 3/8 COMPRESSION SLEEVE UNTIL SEATED, FINGER TIGHTEN SLEEVE, USE HEX AND 9/16 WRENCH TO TIGHTEN 1 FULL TURN.



STEP 10: THREAD HOUSING BACK ONTO FUEL TANK. WITH CLEAN RAG WIPE FUEL TANK CLEAN.



STEP 10: TAPE FIRESTAR OR SIMILAR TYPE IGNITOR TO NITROUS FILL LINE AS SHOWN.



STEP 11: INSERT HYBRID FUEL GRAIN INTO COMBUSTION CHAMBER



STEP 12: INSERT HEATER GRAIN AS SHOWN, NOTE: USE 54 MM WHITE LIGHTNING APCP 3/4" WIDE 7/8" I.D. WRAP TAPE TO INCREASE DIA. TO 2".



STEP 13: APPLY A SMALL AMOUNT OF KRYTOX TO O-RINGS. SLIDE FUEL TANK ASSEMBLY INTO COMBUSTION CHAMBER.



STEP 14: APPLY A GOOD BEAD OF KRYTOX TO INNER DIA. OF MOTOR TUBE, AS SHOWN.



STEP 15: SLIDE FUEL TANK COMBUSTION CHAMBER ASSEMBLY INTO MOTOR TUBE. PUSH ASSEMBLY AT LEAST 1" PAST LIP.



STEP 16: PLACE NOZZLE INSULATOR RING INTO REAR CLOSURE.



STEP 17: THREAD REAR CLOSURE ONTO MOTOR TUBE.



STEP 18: SLIDE FORWARD CLOSURE ONTO EXPOSED FUEL TANK. PUSH ASSEMBLY INTO MOTOR TUBE.



STEP 19: APPLY KRYTOX TO O-RING. THREAD FORWARD CLOSURE INTO MOTOR TUBE, USE 10-32 SOCKET SCREW TO AID IN TIGHTING.



STEP 20: A HAPPY ROCKETEER WITH FULLY ASSEMBLED K-350 TRIBRID.