



Part No. 71-1210

INSTALLATION INSTRUCTIONS

FUEL TANK KIT

FOR BACKPACK BLOWER MODEL 30940

KIT CONTENTS (FIG. 1)

- A. (1) Fuel tank assembly which includes:
 - (1) Fuel tank (Part no. 71-1120)
 - (1) Fuel filter (Part no. 71-1160)
 - (1) Washer (Part no. 71-1150)
 - (1) Fuel line & grommet (Part no. 41-1800)
- B. (1) Fuel tank bracket (Part no. 71-1140)
- C. (1) Rubber cushion (Part no. 71-1130)
- D. (1) Muffler heat shield (Part no. 71-1170)
- E. (1) Screen holder (Part no. 71-1190)
- F. (1) Screen holder gasket (Part no. 71-1180)
- (4) Screen holder mounting screws (Part no. 47-6460)
- (2) Muffler Cover mounting screws (Part no. 41-5210)

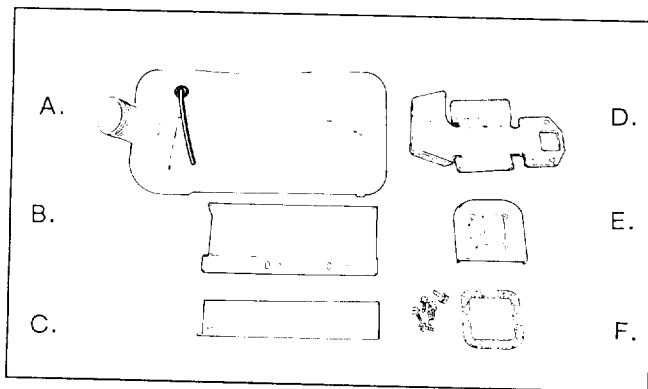


Figure 1

FUEL TANK REMOVAL

1. Remove the fuel cap assembly and **save**.
2. Drain the fuel from the fuel tank into a approved gasoline container.
3. Disconnect fuel line from the carburetor.
4. Remove (2) 5 x 10mm screws securing the fuel tank bracket to the frame and **save**.
5. Remove the old fuel tank bracket, cushion and fuel tank and **discard**.

MUFFLER COVER REMOVAL

6. Remove (1) 6 x 20mm screw securing the top of the muffler cover to the blower housing and **save**.
7. Remove (1) 5 x 42mm screw securing the muffler cover to the starter assembly and **save**.

8. Remove (2) 5 x 12mm screws securing the bottom of the muffler cover to the muffler cover bracket and **discard**.

9. Remove (1) 6 x 25mm bolt securing the muffler cover bracket to the bottom right hand corner of the engine crankcase. **Save** bolt, lockwasher and flat-washer.

10. Swing the muffler cover bracket downward, away from the muffler body.

MUFFLER REMOVAL

11. Remove the (2) 6mm self locking nuts securing the muffler body to the cylinder. **Save** the flatwashers and nuts.

12. Remove the old muffler gasket and **discard**.

13. Remove the (4) 4 x 14mm screws securing the screen holder to the muffler and discard screws. Remove the old screen holder and its gasket and **discard**.

Note: If the muffler is the early round style, the original screen holder should be retained. The screen holder included in the modification kit fits the square type muffler only.

14. Inspect the muffler screen and holder for deterioration and replace if necessary.

Note: As the design of the muffler has changed, be certain to order the correct muffler bracket for the muffler being replaced.

15. Clean any gasket material from the muffler and exhaust port flange mating surfaces. If necessary, remove any carbon deposits from exhaust port using **only** a wooden or plastic scraper.

16. **Save** the spark arrestor screen and seat.

MUFFLER INSTALLATION (Fig. 2)

17. Clean the spark arrestor screen and install it on the muffler body.

18. Place the flat side of the spark arrestor seat on top of the seat (Fig. 2).

19. Install the new gasket and new screen holder.

20. Secure the screen holder to the muffler body with (4) new 4 x 14mm screws from the kit.

21. Install (1) new extended muffler gasket / heat shield over the studs. The back flap portion of the gasket should be positioned between the engine crankcase and muffler cover bracket (Fig. 3).

22. Install the muffler body to the cylinder with (2) flatwashers and locking nuts. **Do not tighten.**

23. Rotate bottom muffler cover bracket up into position and secure it to the engine crankcase with a flatwasher, lockwasher and 6 x 25mm bolt.

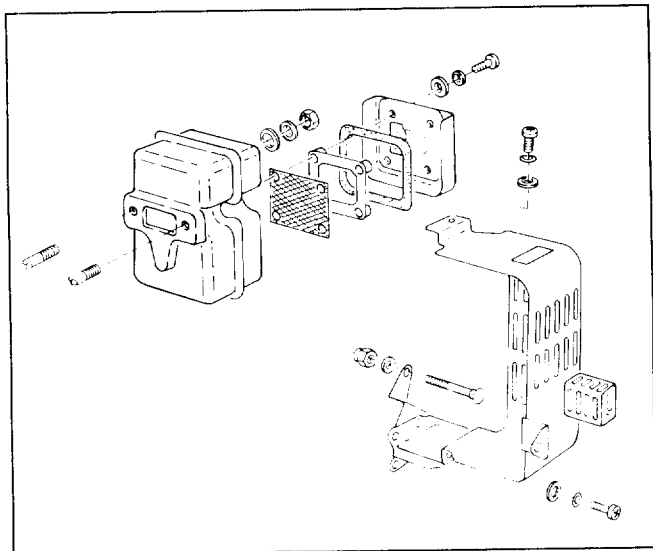


Figure 2

Note: Make sure that the bottom portion of the extended gasket is located between the bottom mounting bracket of the muffler body and the lower mounting flange at the muffler cover bracket. Align the holes (Fig. 3).

MUFFLER COVER INSTALLATION

24. Install and tighten the 6 x 20mm screw securing the muffler cover to the blower housing.

25. Install and tighten the 5 x 42mm screw securing the muffler cover to the starter assembly.

26. Install and tighten the (2) new 5 x 14mm screws securing the bottom of the muffler cover to the bottom muffler bracket.

27. Tighten the (2) upper 10mm self locking nuts securing the muffler to the cylinder.

FUEL TANK INSTALLATION (Fig. 3)

28. Install new fuel tank, cushion and bracket as shown in fig. 3.

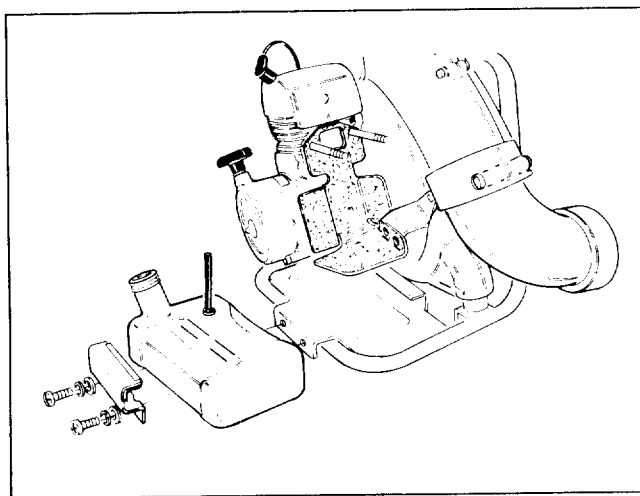


Figure 3

29. Install fuel cap and reconnect fuel line to carburetor.