



INSTRUCTION BULLETIN

No. 340097
Machine: 7400
Published: 9-97/00
System: ENGINE

NOTE: DO NOT DISCARD the Parts List from the Instruction Bulletin. Place the Parts List in the appropriate place in your machine manual for future reference. Retaining the Parts List will make it easier to reorder individual parts and will save you the cost of ordering an entire kit.

NOTE: Numbers in parenthesis () are reference numbers for parts listed in Bill of Materials.

Installation Instructions for Kit number 20837

SYNOPSIS / PROBLEM:

This kit contains the parts needed to install an engine air intake kit on the model 7400 scrubber. This kit will allow easier engine oil filter replacement.

Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS: Hand drill, 2 inch hole saw, .250 inch drill bit

(Estimated time to complete: 1 hour)

INSTALLATION:

(Refer to FIG. 1, 2 and 3)

FOR SAFETY: Before leaving or servicing machine, stop on level surface and set parking brake. Then turn off machine and remove key.

1. Open the engine cover and side door.
2. Locate the sound foam on the inside of the operators compartment side panel. (Refer to FIG. 1)
3. Move any hydraulic or LP hoses away from the area where the new intake tube (1) will be installed.
4. Cut a 6 inch by 6 inch corner from the sound foam. (Refer to FIG. 1)
5. Use the dimensions in FIG. 3 to mark and drill the mounting holes for the new intake tube (1). (Refer to FIG. 3)
6. Install the new intake tube (1) (installed from the operator compartment side) through the 2 inch hole.
7. Loosen the worm drive clamp at the end of the intake hose where it is attached to the old intake tube coming through the side of the machine frame. (Refer to FIG. 2)
8. Pull the intake hose off the tube and cut 14 inches off that end of the hose. (Refer to FIG. 2)
9. Install the cut end of the intake hose and the worm drive clamp onto the new intake tube (1). Tighten the clamp.
10. Use the four new rivets (3) to install the new intake guard (2) over the top of the new intake tube (1) in the operator compartment. (Refer to FIG. 3)
11. Close the engine cover and side door. Run the machine and check for proper operation.

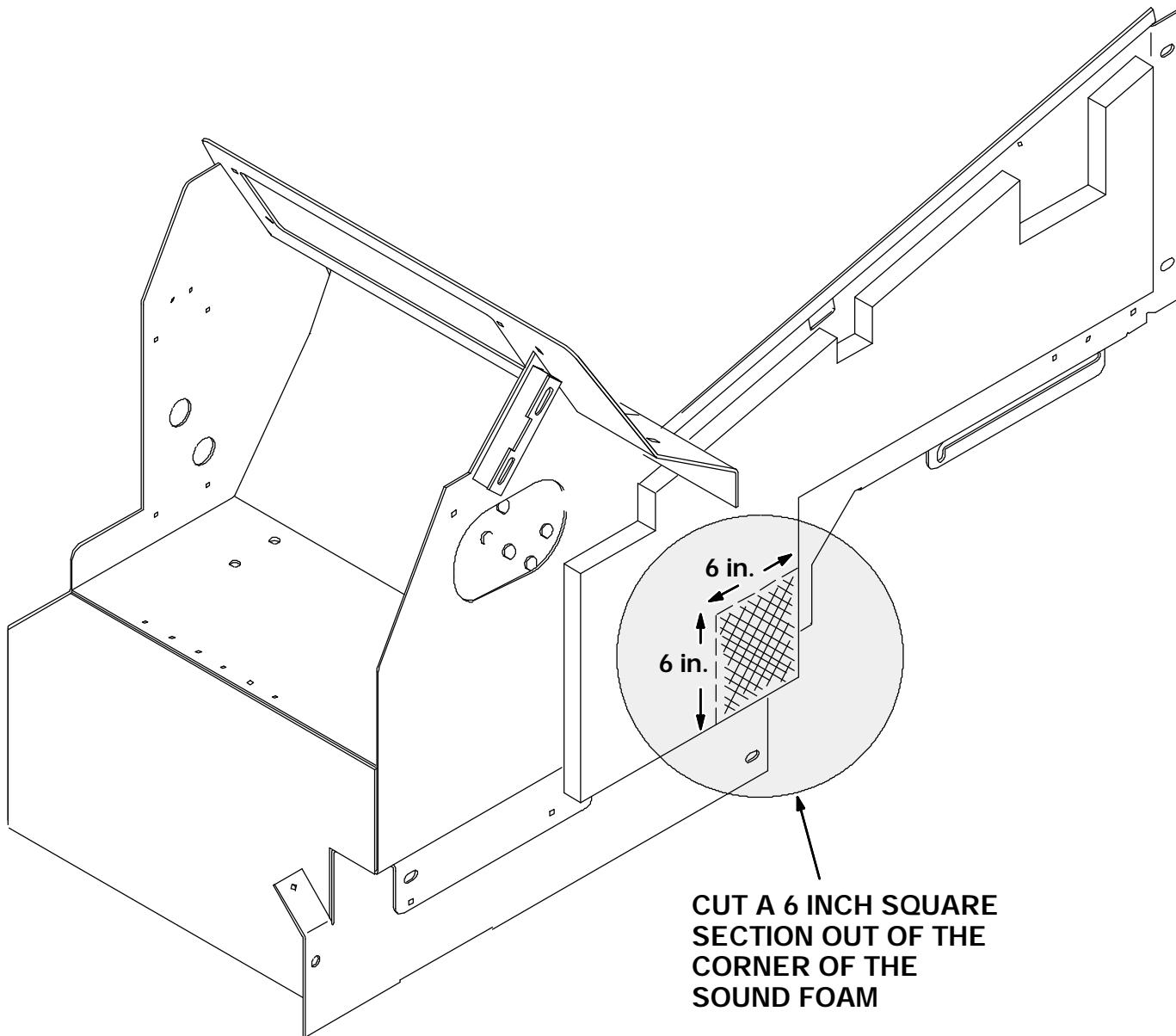


FIG. 1 - Sound Foam Re-work

BILL OF MATERIALS FOR ENGINE AIR INTAKE KIT 20837

Ref.	TENNANT Part No.	Description	Qty.
1	58346	Air intake tube	1
2	20903	Intake guard	1
3	72970	Plastic rivet	4

TENNANT COMPANY
P. O. Box 1452
Minneapolis, MN 55440-1452

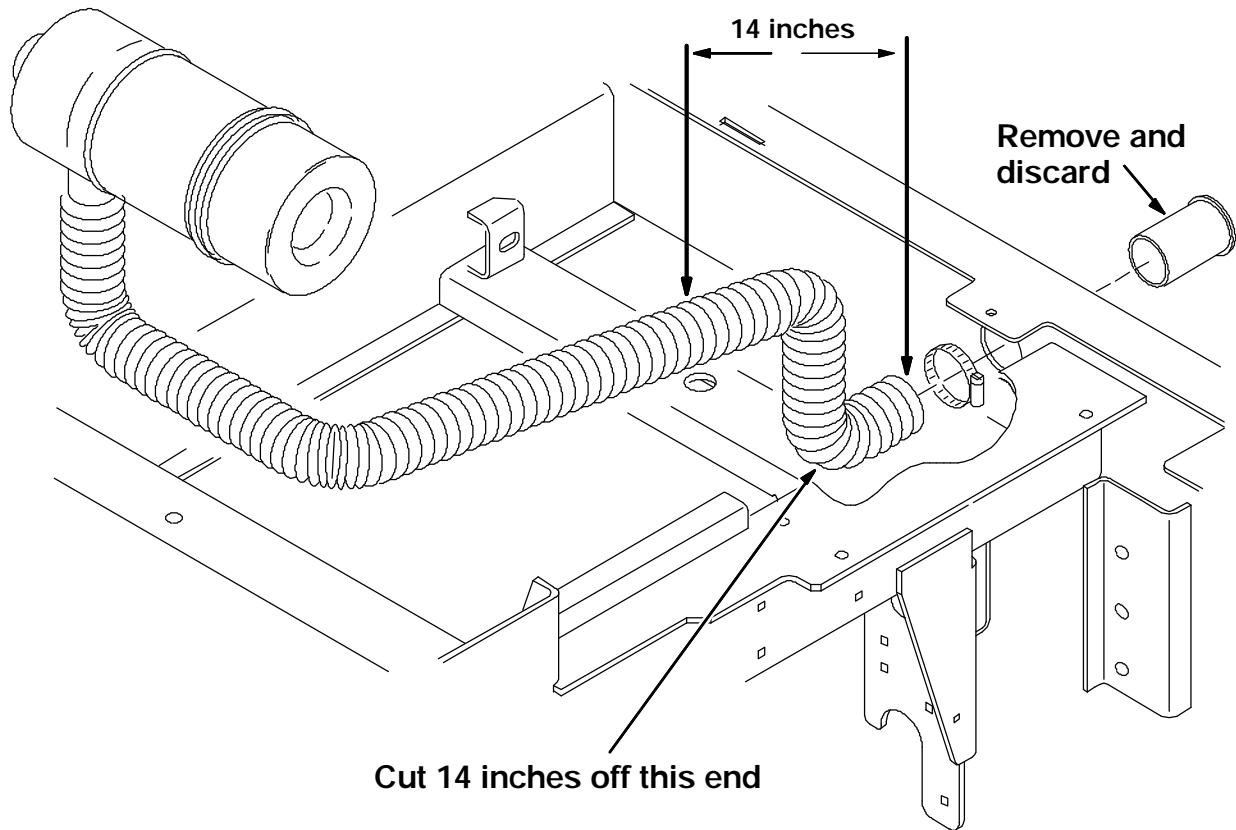


FIG. 2 - Intake Hose Re-work

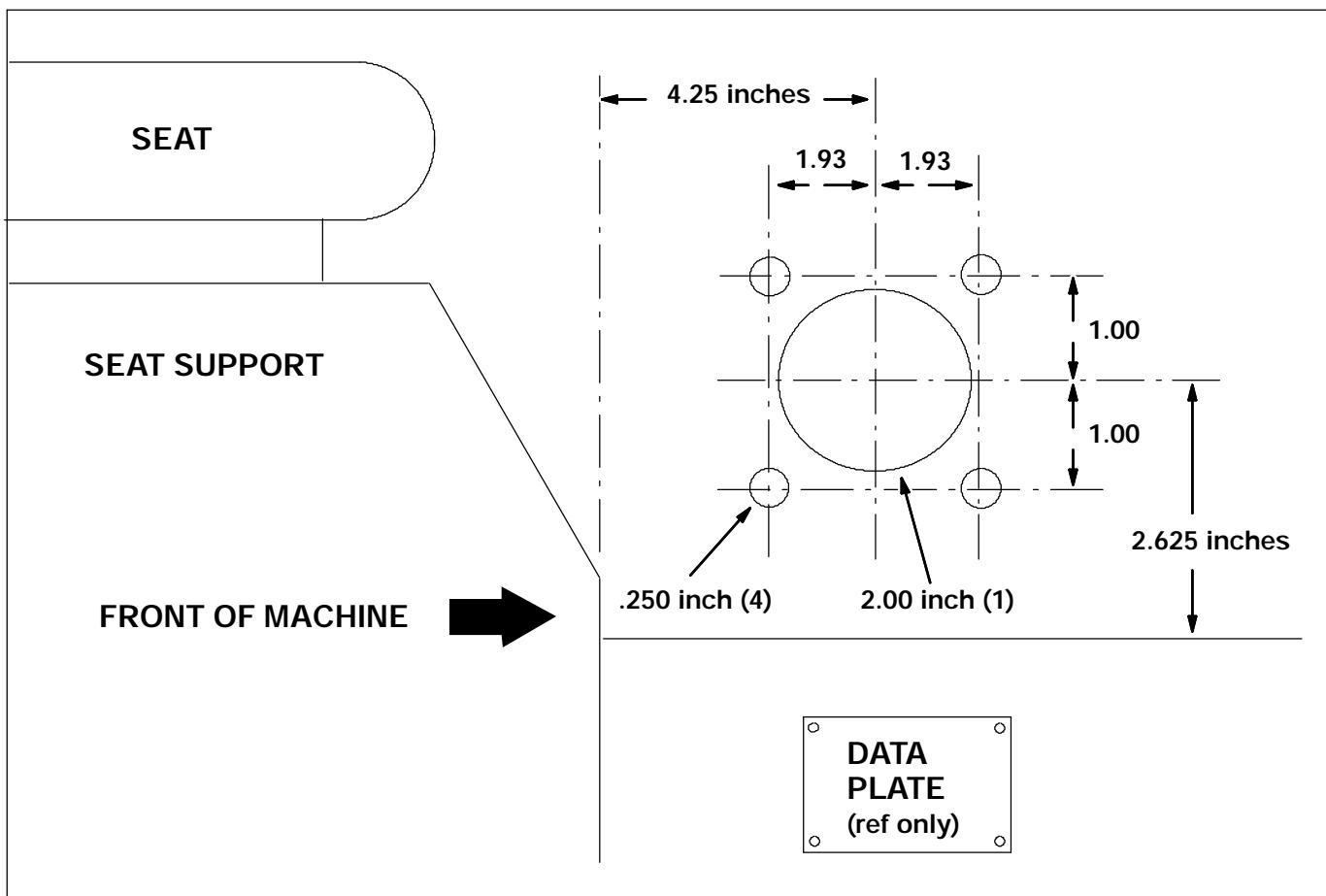


FIG. 3 - Side Panel Re-work (viewed from operator compartment side)