



## INSTRUCTION BULLETIN

No. 3764  
Machine: 140 G / Scout 37G  
Published: 2-96/00  
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 23263

### **SYNOPSIS / PROBLEM:**

This kit contains the parts needed to install a new drain plug in the engine on the model 140G / Scout 37G sweeper. This will help make engine oil changes easier.

Please follow step-by-step instructions.

### **SPECIAL TOOLS / CONSIDERATIONS:** Drain pan

(Estimated Time to complete: 1 hour)

### **PREPARATION:**

(Refer to FIG. 1)

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

1. Remove the rear shroud from the machine.
2. Place a drain pan under the engine and remove the existing engine drain plug. Drain the oil. Discard the drain plug. (Refer to FIG. 1)

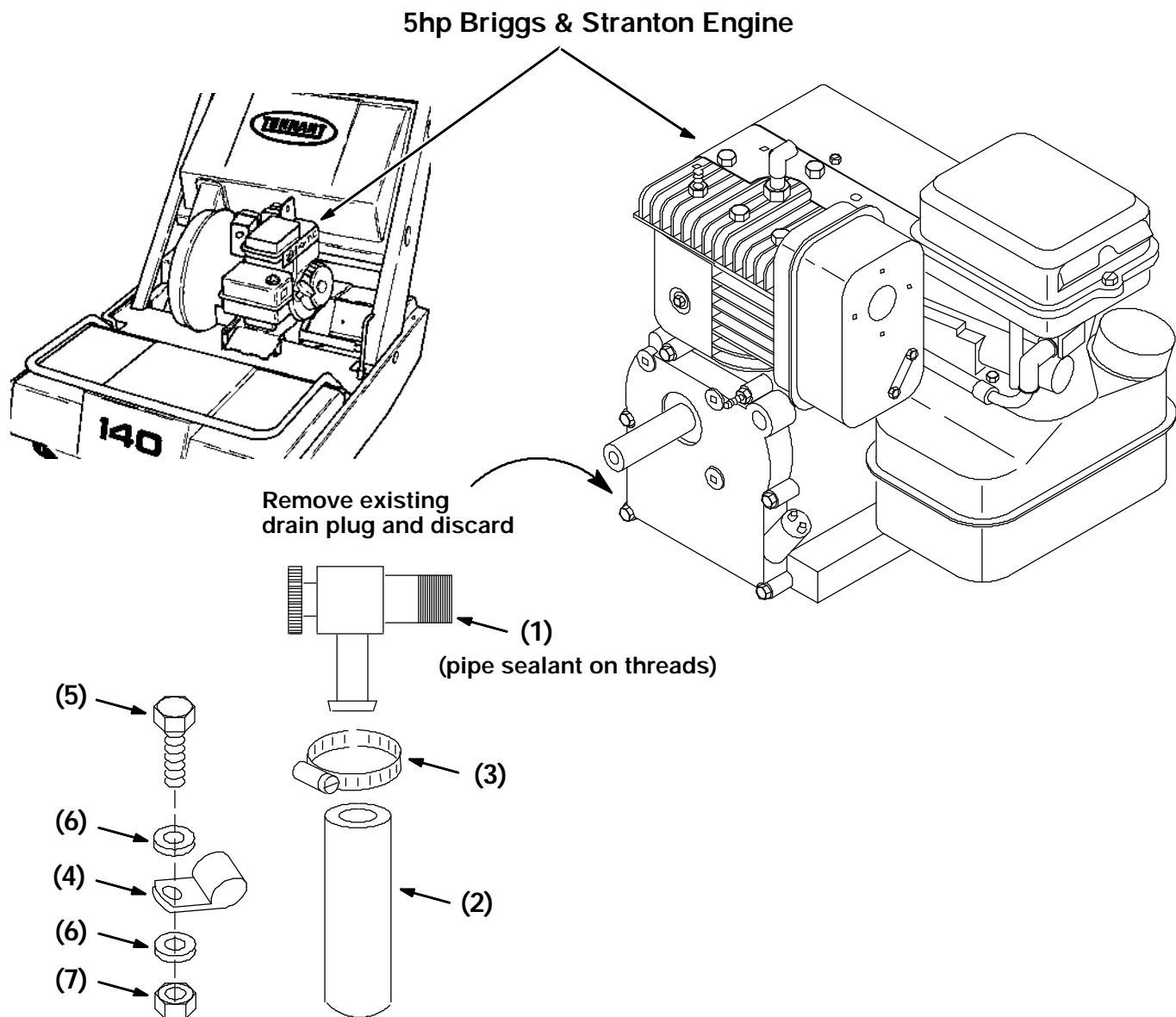
### **INSTALLATION:**

(Refer to FIG. 1)

1. Place a small amount of pipe sealant on the threads of the new drain plug (1).  
(Refer to FIG. 1)
2. Install the new drain plug in the engine and point the outlet to the right hand side of the machine. (Refer to FIG. 1)
3. Install the worm drive clamp (3) and rubber hose (2) on the outlet tube on the new drain plug (1). Hand tighten the clamp. (Refer to FIG. 1)
4. Install the new cable clamp (4) on the other end of the rubber hose (2). Point the end of the hose down under the rear of the machine frame. Make sure the hose is behind the large sheave and is clear of any moving parts. (Refer to FIG. 1)
5. Install the hex screw (5), washer (6), and nyloc nut (7) through the cable clamp (4) and into a hole on the rear of the machine frame. Firmly tighten the hardware. (Refer to FIG. 1)

*NOTE: Close the valve on the new drain plug (1). (Refer to FIG. 1)*

6. Refill the engine with oil.



**FIG. 1 - Engine And Drain Plug Assembly**  
**BILL OF MATERIALS FOR DRAIN PLUG KIT 23263**

Ref.	TENNANT Part No.	Description	Qty.
1	23262	Oil drain plug	1
2	87730	Rubber hose, 12 in.	1
3	43844	Worm drive clamp	1
4	26395-1	Cable clamp	1
5	19317	1/4 in. hex screw	1
6	32483	1/4 in. flat washer	2
7	32981	1/4 in. nyloc nut	1

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