



# INSTRUCTION BULLETIN

No. 340572  
Machine: 186, 1186, 215, K4  
Published: 6-02  
Rev. 00

**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 375313**

## **DESCRIPTION:**

This kit contains the parts needed to rebuild the LPG regulator 47935 on the above model sweepers and scarifier.

Please follow step-by-step instructions.

## **SPECIAL TOOLS / CONSIDERATIONS: NONE**

(Estimated time to complete: 2 hours)

## **PREPARATION:**

(Refer to FIG. 1)

1. Park the machine in a designated safe area.

**FOR SAFETY: When servicing machine, keep flames and sparks away from fuel system service area.**

2. Close the tank service valve.
3. Operate the engine until it stops from lack of fuel, then engage the parking brake.

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

## **INSTALLATION:**

(Refer to FIG. 1)

1. Access the engine compartment.
2. Remove the exhaust guard if applicable.
3. Disconnect the fuel lines at the vaporizer.
4. Remove and disassemble the regulator on a clean work surface.
5. Clean the moving parts with solvent and reassemble with the new parts supplied in service kit #37666. (Refer to FIG. 1)

6. Reconnect the fuel lines to the regulator.

*NOTE: For pipe thread fittings, use only any UL classified pipe thread compound.*

7. Fasten the exhaust guard back in place (if applicable).

8. Start the machine and check the engine for proper operation. Check to see that the connections do not leak. If a leak is found, close the service valve immediately.

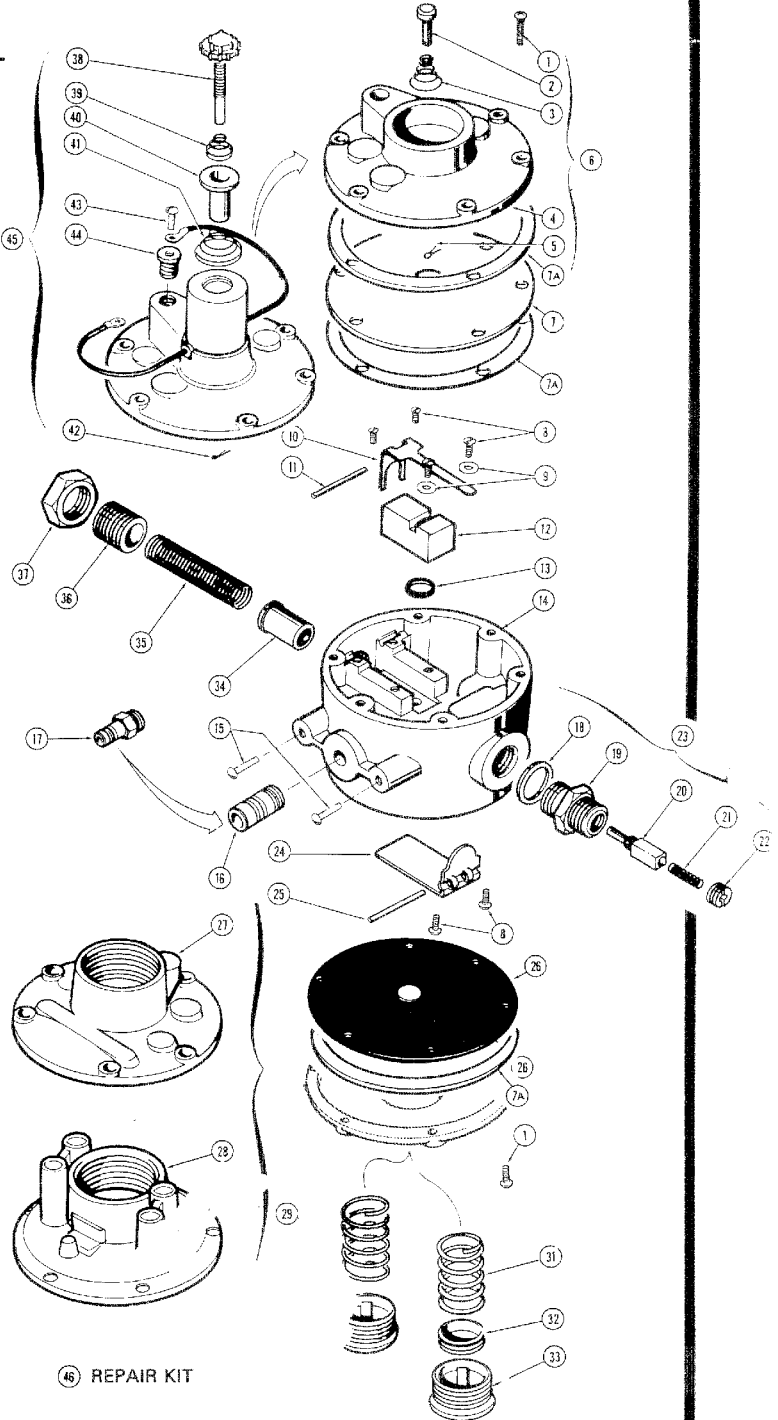
**BILL OF MATERIALS FOR REGULATOR REPAIR KIT 375313**

<b>Ref.</b>	<b>TENNANT Part No.</b>	<b>Description</b>	<b>Qty.</b>
1	37666	Kit, repair, S2 regulator	1

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

# MODEL S2 BILL OF MATERIAL

INDEX NUMBER	PART NUMBER	DESCRIPTION	QTY.
1	074-00-52	Screw	
2	073-00-06	Primer Pin	
3	039-00-42	Spring	
4	074-00-05	Secondary Bonnet	
5	039-00-43	Primer Pin Clip	
6	074-00-04	Secondary Bonnet Assembly	
7	074-00-45	Sec. Diaphragm Asmby. -	
7A	073-00-50	Gasket	
8	074-00-53	Screw	
9	074-00-34	Washer	
10	074-00-35	Secondary Lever	
11	074-00-36	Sec. Lever Pivot Pin	
12	074-00-27	3/16" Secondary Orifice	
	074-00-26	1/8" Secondary Orifice	
13	074-00-28	Gasket	
14	074-00-01	Body - 1/4" Hose Outlet	
	074-00-68	Body - 3/8" Hose Outlet	
	074-00-69	Body - 1/4" NPT Outlet	
15	073-00-45	Screw	
16	073-00-41	3/8" Hose Outlet Fitting	
17	073-00-40	1/4" Hose Outlet Fitting	
18	074-00-23	Gasket	
19	074-00-20	Inlet Fitting Body	
20	074-00-16	Primary Plunger Assembly	
21	074-00-21	Spring	
22	074-00-22	Spring Plug	
23	074-00-15	Inlet Fitting Assembly	
24	074-00-50	Primary Lever	
25	074-00-51	Pri. Lever Pivot Pin	
26	074-00-10	Primary Diaphragm Assembly	
27	074-00-02	Primary Bonnet	
28	074-00-03	Primary Bonnet w/Mounting	
29	074-00-08	Primary Spring - 2 P.S.I.	
	069-00-32	Primary Spring - 5 P.S.I.	
30	074-00-06	Primary Bonnet Cap	
31	074-00-07	Primary Spring - 2 P.S.I.	
	074-00-08	Primary Spring - 5 P.S.I.	
32	069-00-06	Primary Adjusting Screw	
33	069-00-05	Primary Bonnet Cap	
34	074-00-30	Secondary Plunger Assembly	
35	074-00-37	Secondary Spring - 2 P.S.I.	
	074-00-38	Secondary Spring - 5 P.S.I.	
36	074-00-41	Secondary Adjusting Screw	
37	074-00-42	Lock Nut	
38	020-00-15	Adjusting Screw	
39	039-00-42	Spring	
40	020-00-11	Plunger Assembly	
41	020-00-20	Plunger Spring	
42	020-00-21	Cotter Pin	
43	069-00-08	Screw	
44	020-00-31	Insulated Terminal	
45	074-00-70	Sec. Bonnet Asmby. -	
46	074-99	Auto Prime Repair Kit	



**GARRETSON  
EQUIPMENT CO. INC.**

BOX 111 • MT. PLEASANT, IOWA 52641 319-385-2203

FIG. 1 - BREAKDOWN, KIT, REPLCMNT, REGULATOR