

Owners Manual

OPERATION TIPS FOR THE CV70 VACUUM

Operation time per charge for the GE Elec-Trak tractor, mower, and CV70 Vacuum used together is about one hour.

When vacuuming leaves a more effective job can be done when the grass has previously been cut short.

Leaf collection is most effective when the mower is not used in combination to mulch the leaves, since large leaves are more easily picked up and do not get caught in the grass as chopped leaves do.

Operation time for the tractor and vacuum is (without any other power attachment) about two hours.

The adjustable "door flap" on the front of the vacuum intake chute can be opened to allow pick up of large objects such as beverage cans. Maximum vacuum intake occurs with the flap down to form a close seal to the ground or surface to be cleaned. The best setting for each application is the smallest opening which still allows room to pick up the debris or material.

The screened air-flap zipper on the cart cover should be opened for maximum vacuuming performance with leaves and large debris.

If the vacuum intake chute becomes plugged, the sides of the vacuum cart cover will sag in. This often indicates a slower tractor speed should be used to prevent plugging.

Warning - Always disconnect the rear P.T.O. wire connection before unjamming a plugged chute.

Frequent turning off and on of the vacuum is not recommended due to the high starting load of the fan system which tends to decrease operating time.

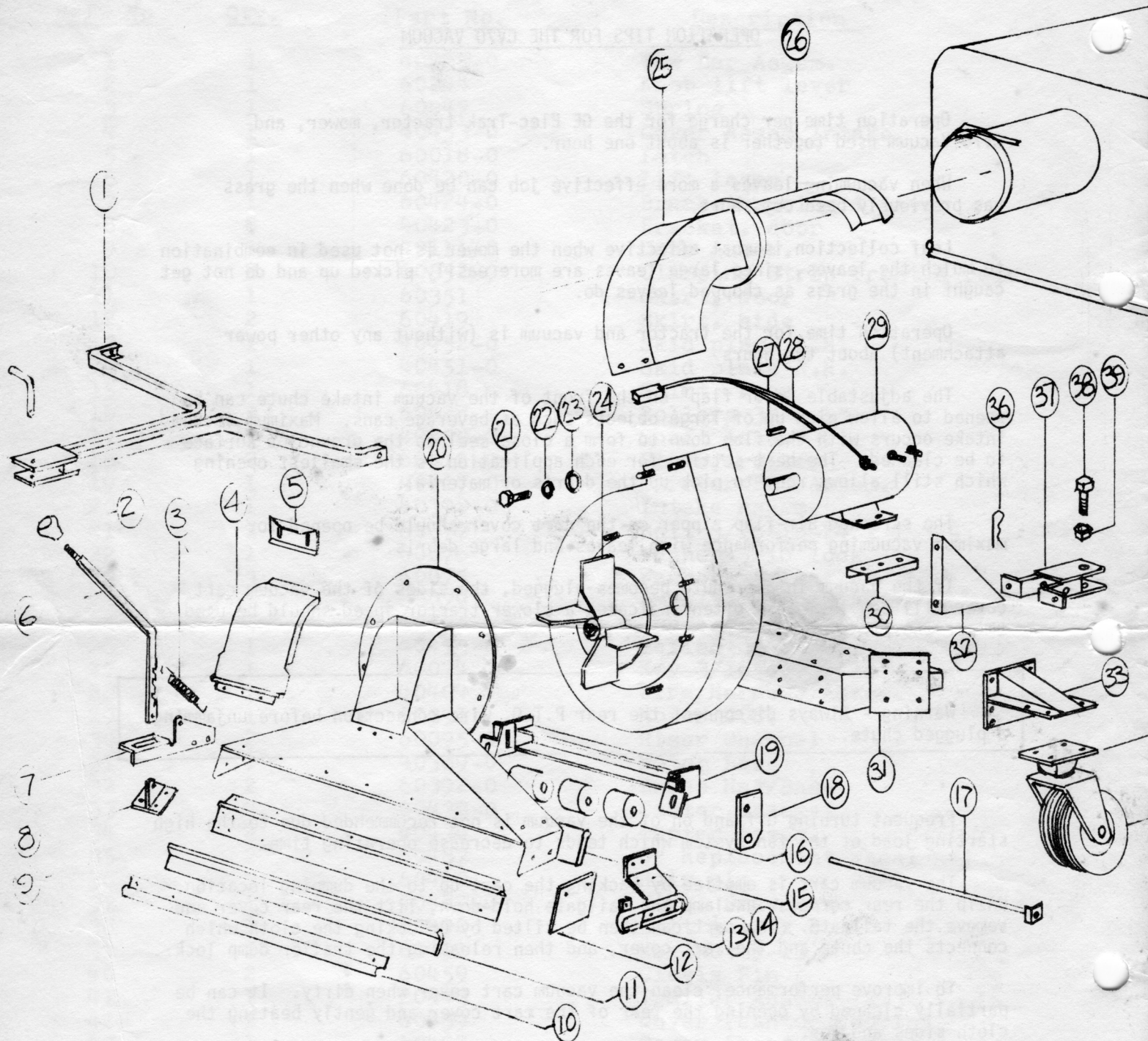
The vacuum cart is emptied by backing the cart up to the dumping location. Unzip the rear corners, unclamp the tailgate hold-down, lift the rear cover and remove the tailgate. The cart can then be tilted by unhooking the cloth which connects the chute and the cart cover, and then releasing the trailer dump lock.

To improve performance, clean the vacuum cart cover when dirty. It can be partially cleaned by opening the rear of the cart cover and gently beating the cloth sides and top.

Regular brushing off of the screens on the vacuum motor (rear of motor on outside circumference) will assure peak motor performance and life.

The connecting hitches of the CV70 vacuum permit the tractor and vacuum combination to be backed up when required in the same manner as a trailer.

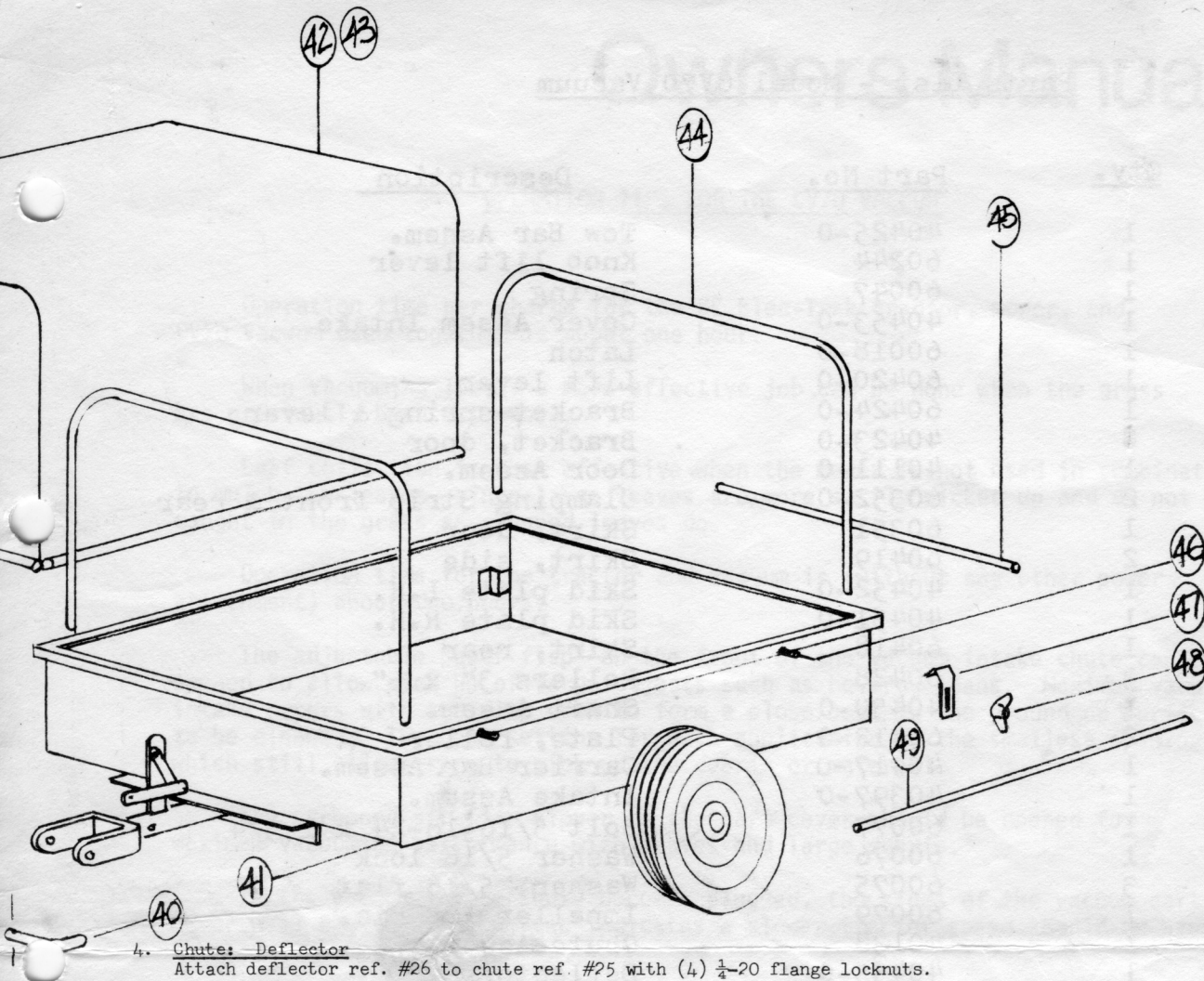
The drawbar for the vacuum cart can be unpinned, rotated 90 degrees, repinned and used as a standard cart for other hauling requirements.



CONTENTS: HARDWARE PACKAGE					
60235	5	Bolt 5/16-18 x1	60034	5	Nut Flange Lock 5/16-18
60460	2	Hair Pin	60047	1	Spring
60075	3	Washer Flat 5/16	60054	3	Nut Flange Lock 1/4-20
60459	2	Clevis Pin			

ASSEMBLY INSTRUCTIONS MODEL CV70 VACUUM

- Bracket Lever & Spring**
Attach bracket ref. #7 to R.H.skid plate ref. #14 (not shown) with (2) 5/16-18 x 1 bolts & (2) locknuts. Tighten.
- Bracket Door**
Locate bracket (ref. #8) on (4) studs on door (ref. #9) add (4) 1/4-20 locknuts & tighten.
- Lift Lever**
Insert lift lever ref. #6 (with notches to the rear) thru bracket ref. #7. Place (1) 5/16 washer on 5/16 x 1" bolt insert thru lever, add (3) 5/16 washers as spacers between lever ref. #6 & bracket ref. #8 add 5/16 flange locknut Tighten only enough to allow free movement of lever. Install spring ref. #3



4. Chute: Deflector
Attach deflector ref. #26 to chute ref. #25 with (4) $\frac{1}{4}$ -20 flange locknuts.

5. Chute Assembly
Remove (2) flange nuts from studs on front of housing (at discharge) locate chute on 2 weld studs. Press down firmly on chute being careful not to damage rubber gasket. Replace 2 locknuts. Tighten all (4) locknuts.

6. Attach tow bar (ref. #1) to brackets on skid plates (ref. #13-14). Fasten with (2) 5/16-18 x 1" bolts & (2) 5/16 locknuts. Tighten only enough to allow free movement of tow bar

VENTING BAG ASSEMBLY

1. Slide (1) each tubing ref. #45 into front & rear loops in bag. Slide tubing ref. ~~#45~~ ^{#49} into loops on sides of bag. Insert bows (ref. #44) into trailer brackets & press down firmly

2. Place venting bag over bows & locate tubing onto channels on trailer

3. Slide bag neck over deflector & onto adapter. locate & tighten draw string

4. Attaching Clamps:
Insert stud & plate assembly ref. #46 thru (6) holes in trailer flange. Studs to face outward. Place clamp ref. #47 on stud & attach with wing nut Ref. #38. Center clamp on tubing. press down firmly & tighten wing nuts.

5. Vacuum Intake Height Adjust: Ref. #37
To change the height of the intake loosen both top & bottom locknuts. (ref. #39). To raise the intake thread the lower adjusting screw (ref. #38) in. When proper adjustment is reached tighten upper bolt (ref. #38) & both locking nuts.

Note:

Two venting covers are available. Under normal conditions use the canton (fabric) cover part #60439. For leaf collection, on lawn & turf where conditions are not dusty use the plastic cover part #60492.

Trailer Hitch Assembly

The trailer hitch is to be assembled with the yoke in the horizontal position. Insert tube on yoke into tubular tow bar to the extreme rear, line up holes in tubes & fasten with screw & nut provided

For Use As Utility Trailer:

Remove screw & nut attaching trailer yoke turn the yoke 90° and pull out till rear hole in yoke tube lines up with hole in trailer tube, fasten with screw & nut previously removed.

Note:

For tractor rear P. T. O. installation see separate wiring instructions included.

Note: For trailer assembly see instructions enclosed in trailer carton.

Final Step:

Plug wire assembly into rear tractor P. T. O. and turn on with tractor P T O switch

Parts List - Model CV70 Vacuum

<u>Ref. No</u>	<u>Qty.</u>	<u>Part No.</u>	<u>Description</u>
1	1	40425-0	Tow Bar Assem.
2	1	60244	Knob lift lever
3	1	60047	Spring
4	1	40453-0	Cover Assem Intake
5	1	60018-0	Latch
6	1	60420-0	Lift lever
7	1	60424-0	Bracket spring & lever
8	8	40423-0	Bracket, door
9	1	40111-0	Door Assem.
10	2	60352-0	Clamping Strip front & rear
11	1	60351	Skirt, door
12	2	60419	Skirt, side
13	1	40452-0	Skid plate L.H.
14	1	40451-0	Skid plate R.H.
15	1	60418	Skirt, rear
16	3	60428	Rollers 3" x 5"
17	1	40450-0	Shaft Assem.
18	2	60412-0	Plate, roller
19	1	40417-0	Carrier Bar Assem.
20	1	40397-0	Intake Assem.
21	1	60077	Bolt 5/16-18-24 x 1 3/4
22	1	60076	Washer 5/16 lock
23	3	60075	Washer, 5/16 flat
24	1	60079	Impeller 12" Dia.
25	1	40138	Chute Assem.
26	1	40455-0	Deflector
27	1	60074	Key 3/16 sq. x 1 1/2
28	1	40404	Wire Harness Assem.
29	1	60391	Motor G.E.
30	2	60095-0	Riser Channel
31	1	40389-0	Motor Base
32	2	60392-0	Brace Hsg/Base
33	2	60433-0	Caster bracket
34	2	40434	Caster Assem.
35	2	60487	8" Replacement Wheel
36	3	60460	Hair pin
37	1	40489-0	Yoke, Draw bar
38	2	60490	Bolt 1/2-13 x 2
39	2	60491	Hex Nut 1/2-13
40	2	60459	Clevis Pin
41	1	20443	Trailer Assem.
42	1	60439	Cover (canton fabric)
43	1	60492	Cover (bead bag Mat)
44	2	60440	Bow, Venting cover
45	2	60442	Tubing, front & rear
46	6	40482	Stud Assem.
47	6	60481-0	Latch, Cover
48	6	60193	Wing Nut 5/16-18
49	2	60441	Tubing, side