

OWNER'S MANUAL

KWIK-WAY BLOWER

MODEL 65-02310
For Gravelly 2-Wheel Tractors

All 5000 Series 12 HP and Larger
All Pro Series 12 HP and Larger

MANUFACTURED BY
K-W MANUFACTURING CO., INC.

800 South Marion Road
Sioux Falls, South Dakota 57106
TELEPHONE (605) 336-6032
WATS (800) 843-3720

USES

1. Clean up leaves and other debris from lawns.
2. Clean leaves and debris from landscaped areas.
3. Blow away wet debris as well as dry.
4. Clean parking lots & drives.
5. Man hour savings for cleaning parks and recreation areas.
6. Controlled air cleans cemeteries fast.
7. Great for hedge rows and fences.
8. Dry up wet areas on tennis courts & pool areas.
9. Clean grit from drives, parking lots before sealing asphalt or painting.

FEATURES

1. High velocity controlled air stream.
2. Forward or side discharge.
3. Side discharge has flow control adjustment for penetration of surface or for blowing straight out.
4. Heavy duty design for home or commercial use.

SPECIFICATIONS

1. Shipping weight 155 lbs.
2. Balanced 4 blade steel impeller.
3. 12 gauge steel impeller housing.
4. 10" semi-pneumatic, track free thread high flotation tire (ball bearing gauge wheel).
5. Large 21" diameter impeller.
6. Heavy duty mount & frame.
7. Adjustable deflector for side exhaust.

OPTIONAL: Vacuum Kit Model No. 64-00310

Limited Warranty

The **BLOWER** has been manufactured from the very finest materials and by skilled workmen, therefore, K-W Manufacturing Co., Inc., guarantees the blower against defective workmanship and materials for a period of 90 days.

This warranty is not a service guarantee, nor is it any assurance that the product is perfectly designed or perfectly built; neither is it an expression of any belief that the product cannot be improved. Further, this warranty is not a guarantee against hazards such as wear, tear, misuse or misfortune nor against problems arising from incorrect set-up or servicing and is not a guarantee that the performance will meet the expectations of the purchaser.

This warranty is void should the product be repaired or modified in any way not authorized by K-W Manufacturing Co.

There is no other express warranty. Implied warranties, including those of merchantability and fitness for a particular purpose other than the extent permitted by law and all implied warranties are excluded. This is the exclusive remedy, and liability for consequential damages under any and all warranties are excluded to the extent exclusion is permitted by law.

Components such as gear box, wheels, etc., will carry only their respective manufacturer's warranty. This warranty does not cover any merchandise which, in the opinion of the company, has been subject to negligent handling, misuse, or accident.

Warranty claims on components will not be approved and credit issued until defective items are returned to the factory (PREPAID) and our respective suppliers have approved our Warranty Claims. When credit is received by K-W Manufacturing Co., Inc., we will issue credit in an amount equal to that received from the component supplier. K-W cannot warranty any merchandise, which in the opinion of the company, has been subjected to negligent handling, misuse, or accident. All Warranty Claims must be submitted in writing. Written approval from the company must be obtained before any merchandise and warranty parts are returned to the factory.

K-W Manufacturing Co., Inc. reserves the right to make changes, improvements and modifications at any time without incurring the obligation to make such changes, improvements, and modifications on any products sold previously.

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K-W BLOWER

As you unpack the blower, identify the following items.

- 1—Blower Assembly
- 1—Parts package.

Inspect the parts for damage which may have occurred in shipping. If any damage is found immediately notify the freight carrier who delivered the blower.

Assembly Instructions

1. The basic blower is completely assembled.
2. Attach the blower to the tractor. Align the splined end of the flex coupler on the gear box with the tractor PTO shaft. Slide the blower onto the front of the tractor. As shown in FIG. 1.

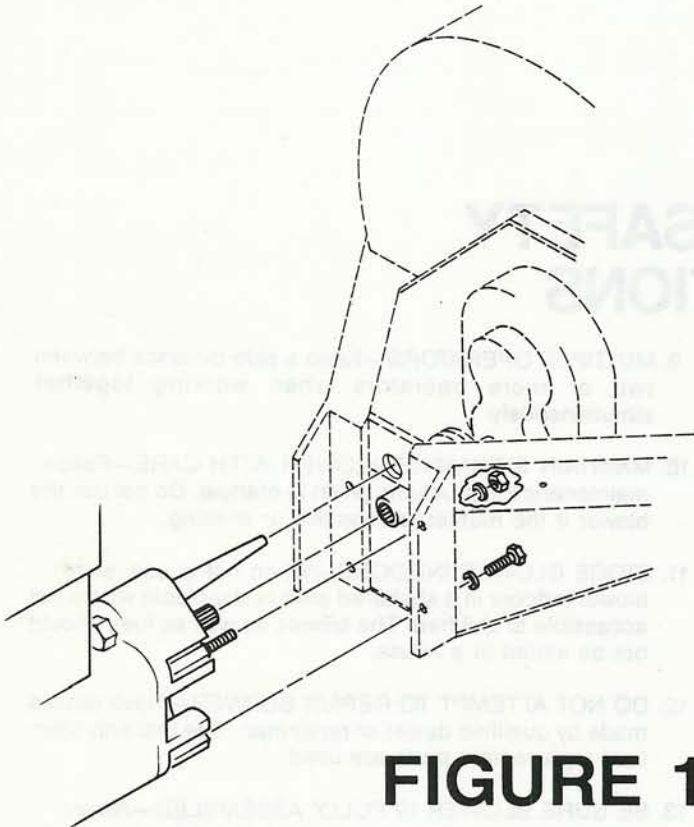


FIGURE 1

3. Secure the blower to the tractor using (2) 1/2—13 hex nuts and lockwashers and (2) 1/2—13 x 1 1/4 hex hd. capscrews and lockwashers. Tighten the nuts and capscrews securely. As shown in FIG. 1.
4. Attach the remote deflector control to the tractor and the blower. The cable has a twist to lock handle.
5. Remove the lock-nut on the R.H. handle and attach the cable mount bracket to the handle. Replace the lock-nut and tighten securely. As shown in FIG. 2.

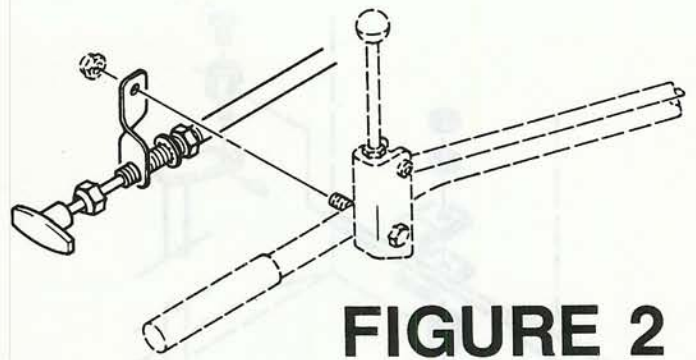


FIGURE 2

6. Loosen the nut on the end of the cable and pull the nut and handle wire assembly out of the cable. Do not kink the wire. Turn the locking nut down on the cable and slide the end of the cable through the mount bracket. Slide the nut and handle wire assembly back into the cable (do not kink the wire) and tighten the nut on the end of the cable. Turn the locking nut and lockwasher up to the mount bracket and tighten securely as shown in FIG. 2.
7. Attach the control cable to the blower frame. Slide the 1/4—20 x 2 eye bolt onto the cable and secure the eye bolt to the frame with (2) 1/4—20 hex nuts. Tighten securely. As shown in FIG. 3.

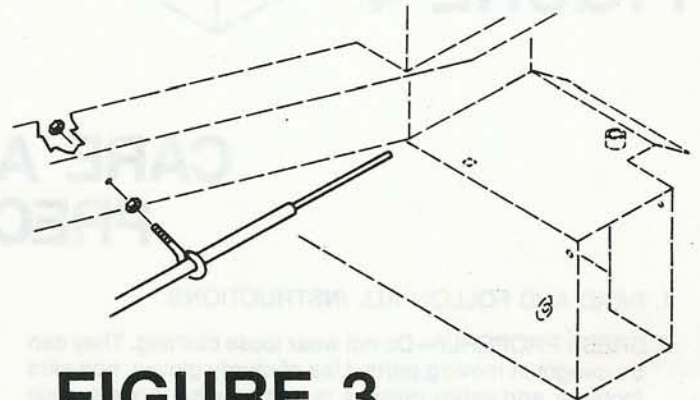


FIGURE 3

8. Attach the cable to the top of the blower discharge using the 1/4—20 x 1 1/2 carriage bolt, spacer, base plate, cable clamp, lockwasher and nut. Leave finger tight. As shown in FIG. 4.
9. Attach the cable pivot to the shaft weldment using a 1/16 x 1/2 cotter pin. As shown in FIG. 4.
10. Turn the twist to lock handle to the unlocked position and push handle forward to within 1/4" against the end of the cable assembly.
11. Position the deflector completely against the front of the discharge opening for side discharge and secure the wire to the cable pivot and tighten the screw. As shown in FIG. 4. Cut off excess wire as required.
12. Position the deflector midway between the side discharge position and the front discharge position. Align the cable with the cable pivot and tighten the 1/4—20 x 1 1/2 carriage bolt for the cable clamp and base plate. As shown in FIG. 4.
13. Check oil level in gear box before running. Cap. 1/2 pt. of hub city P/N 8-58-00-01-011 or equivalent.

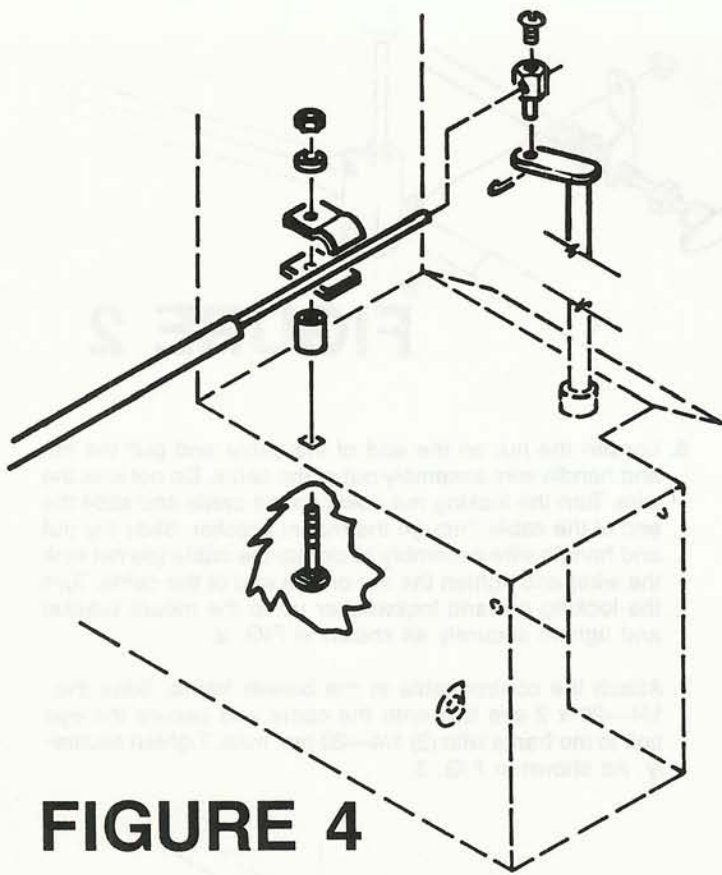


FIGURE 4

Operation

1. Leaves, thatch, and all other debris can be directed into windrows or piles if desired. This can be accomplished simply by maneuvering the unit and directing the flow of air accordingly.
2. The air flow can be directed out the side or out the front by the deflector located in the discharge. The front discharge position can be used to remove debris from along walls, fences, etc. The side discharge position is used to form piles or windrows as desired.
3. The horizontal deflector is used to direct air downward to give "chisel" effect under wet, heavy leaves and debris.
4. The velocity and volume of air is regulated by the speed of the engine.

CARE AND SAFETY PRECAUTIONS

1. **READ AND FOLLOW ALL INSTRUCTIONS:**
2. **DRESS PROPERLY**—Do not wear loose clothing. They can be caught in moving parts. Use of sturdy gloves, non-skid footwear and safety glasses recommended. Always wear ear protectors where possible. Use face filter to avoid breathing dust.
3. **STAY ALERT**—Watch what you are doing and use common sense. Do not operate blower when fatigued.
4. **DANGER—KEEP HANDS AWAY FROM AIR INTAKE AND AIR OUTLET CHUTE**—Keep both hands on handles with engine running. Do not attempt to remove material when blower is running.
5. **KEEP CHILDREN AND INCAPABLE PERSONS AWAY**—Do not permit children to operate blower. Do not point the blower outlet in the direction of people. Do not allow bystanders, or animals in work area.
6. **DON'T OVERREACH OR STAND ON UNSTABLE SUPPORT**—Keep good footing and balance at all times.
7. **HANDLE GASOLINE WITH CARE. IT IS HIGHLY INFLAMMABLE.** Refuel before starting work. Do not smoke while handling fuel. Do not refuel a hot engine. Avoid spilling fuel or oil. Always wipe unit dry before using. Move at least 10 feet away from the fueling point before starting engine. Always store gasoline in approved container.
8. **CAUTION**—Do not start or run engine indoors as poisonous carbon monoxides are emitted. Do not operate in unventilated area.
9. **MULTIPLE OPERATORS**—Keep a safe distance between two or more operators when working together simultaneously.
10. **MAINTAIN & EXAMINE BLOWER WITH CARE**—Follow maintenance instructions given in manual. Do not use the blower if the muffler is defective or missing.
11. **STORE BLOWER INDOORS**—When not in use, store blower indoors in a sheltered area (a dry place) where not accessible to children. The blower, as well as fuel, should not be stored in a house.
12. **DO NOT ATTEMPT TO REPAIR BLOWER**—Have repairs made by qualified dealer or repairman. See that only identical replacement parts are used.
13. **BE SURE BLOWER IS FULLY ASSEMBLED**—Never operate blower without all guards and deflectors in place. Ensure that all nuts, bolts, screws are installed and properly tightened.
14. **ALWAYS KEEP THE SWITCH IN THE "STOP" POSITION WHEN NOT IN USE AND REMOVE THE KEY.**
15. **IN ORDER TO AVOID ENGINE DAMAGE DUE TO OVER REVOLUTION, DO NOT BLOCK INTAKE OR AIR OUTLET CHUTE OR HOSE ACCESSORIES.**
16. **WARNING**—Do not install or remove attachments while blower is running. Turn off engine to make change over and make sure the blower can not be accidentally started.

GRAVELY BLOWER REPAIR PARTS 65-02310

REFERENCE NUMBER	DESCRIPTION	PART NUMBER	NUMBER REQUIRED
1	HOUSING	16147	1
2	IMPELLOR	16167	1
3	DIVERTER	16171	1
4	DIVERTER ROD	16175	1
5	DOOR	16178	1
6	WHEEL BRACKET	16180	1
7	FRONT PLATE	16184	1
8	SPACER—WHEEL	16189	2
9	SPACER	16190	1
10	SPACER	16191	2
11	SPACER	16192	1
12	SPACER—NOTCHED	16193	1
13	MOUNT BRACKET	16195	1
14	SPACER	16196	1
15	BASE	16197	1
16	COUPLER	101877	1
17	GEAR BOX	101846	1
18	TIRE & WHEEL ASS'Y	101444	1
19	CONTROL CABLE	101889	1
20	CLAMP	101892	1
21	PIVOT	101893	1
22	LYNCH PIN	101491	1
23	1/4 x 1/4 x 2 SQ. KEY	101879	1
24	1/4 x 1/4 x 1 1/4 SQ. KEY	101758	1
25	5/16 x 1/2 CLEVIS PIN	101455	1
26	3/16 x 3/4 SPRING PIN	101460	1
27	1/8 x 3/4 COTTER PIN	101456	1
28	1/16 x 1/2 COTTER PIN	101618	1
29	5/16—18 x 3/8 SOCKET HD. SETSCREW	101887	2
30	5/8—11 x 5 HEX HD. CAPSCREW	101884	1
31	5/8—11 HEX LOCKNUT	100254	1
32	1/2—13 x 1 1/4 HEX HD. CAPSCREW	100056	2
33	1/2 LOCKWASHER	100076	4
34	1/2—13 HEX NUT	100087	2
35	7/16—20 x 2 HEX HD. CAPSCREW	101885	1
36	7/16 LOCKWASHER	100075	1
37	7/16 FLATWASHER	101886	1
38	5/16—18 x 3 1/2 CARRIAGE BOLT	101883	4
39	5/16 LOCKWASHER	100073	8
40	5/16 STARWASHER	101454	1
41	5/16—18 HEX NUT	100084	8
42	5/16—18 WING NUT	100356	1
43	1/4—20 x 2 EYE BOLT	101890	1
44	1/4—20 x 1 1/2 CARRIAGE BOLT	101891	1
45	1/4 LOCKWASHER	100072	1
46	1/4—20 HEX NUT	100083	3
47	CAUTION DECAL	101402	1
48	DANGER DECAL	101476	1
49	GREASE ZERK 1/4—28	101704	1
	SYNTHETIC GEAR LUBE	101888	

CAVELLY BLOWERS REPAIR PARTS
PART NUMBER
WARRANTY REGISTRATION

