

TRAC VAC

Model 865



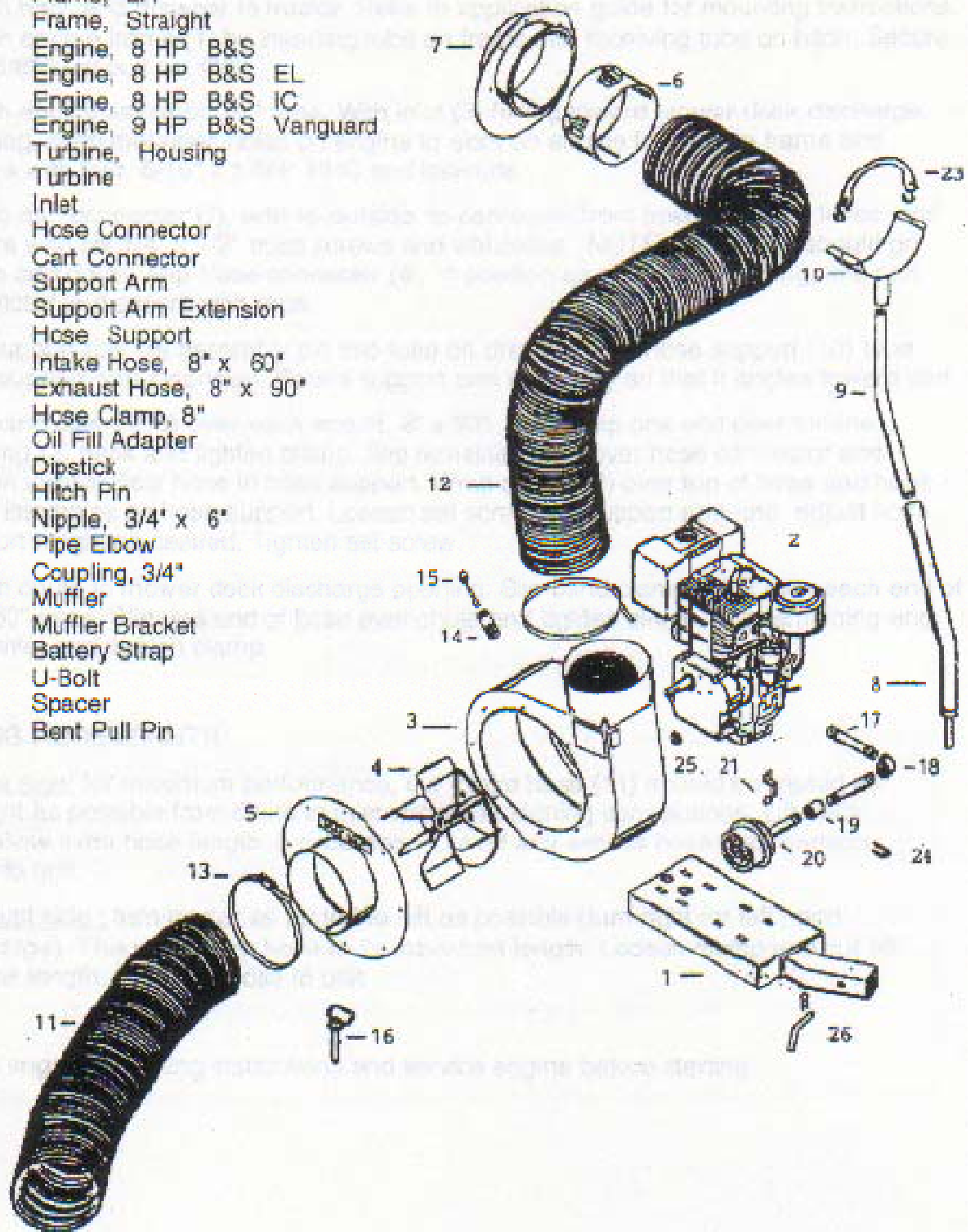
OPERATING AND ASSEMBLY MANUAL

PALMOR PRODUCTS, INC.

P.O. BOX 38 THORNTOWN, INDIANA 46071 800-872-2822 FAX: 317-436-2490

MODEL 865 TRAC VAC PARTS LIST (860 Ser #10491 & up)

KEY	PART NO.	DESCRIPTION
1	86510-1	Frame, RH
	86509-1	Frame, LH
	86508-1	Frame, Straight
2	88102	Engine, 8 HP B&S
	88021	Engine, 8 HP B&S EL
	88022	Engine, 8 HP B&S IC
	86023	Engine, 9 HP B&S Vanguard
3	86030	Turbine, Housing
4	86040	Turbine
5	18050	Inlet
6	86060	Hose Connector
7	18070	Cart Connector
8	86501	Support Arm
9	86502	Support Arm Extension
10	86503	Hose Support
11	86101	Intake Hose, 8" x 60"
12	88101	Exhaust Hose, 8" x 90"
13	18119	Hose Clamp, 8"
14	56113	Oil Fill Adapter
15	56114	Dipstick
16	58104	Hitch Pin
17	86507	Nipple, 3/4" x 6"
18	56111	Pipe Elbow
19	86506	Coupling, 3/4"
20	391569	Muffler
21	86505	Muffler Bracket
23	18117	Battery Strap
24	34106	U-Bolt
25	86027	Spacer
26	85225	Bent Pull Pin



MODEL 865 TRAC VAC ASSEMBLY INSTRUCTIONS

1. Attach hitch and drawbar to tractor. Refer to application guide for mounting instructions. Attach engine frame (1) by inserting tube on frame into receiving tube on hitch. Secure with 5/8" bent pull pin (25).
2. Attach engine assembly to frame. With inlet (5) facing toward mower deck discharge opening, align mounting holes on engine to slots on engine to slots on frame and secure with four 5/16" x 1 3/4" HHC and locknuts.
3. Attach cart connector (7), with lip outside, to cart cover front opening. Align holes and secure with six 1/4" x 1/2" truss screws and whizlocks. NOTE: whizlocks should go inside cart cover. Slip Hose connector (6), in position as shown in drawing, into cart connector and secure with clips.
4. Slip support arm (8) assembly pin into tube on drawbar. Slip hose support (10) tube over support arm extension. Rotate support arm assembly so that it angles toward cart.
5. Slip band clamp (13) over each end of 8" x 90" hose. Slip one end over turbine housing (3) neck and tighten clamp. Slip remaining end over hose connector and tighten clamp. Rest hose in hose support. Wrap strap (23) over top of hose and hook ends into holes on hose support. Loosen set screw on support arm and adjust hose support height as desired. Tighten set screw.
6. Attach chute to mower deck discharge opening. Slip band clamps (13) over each end of 8" x 60" hose. Slip one end of hose over chute and tighten clamp. Slip remaining end over inlet and tighten clamp.

TRIMMING HOSE LENGTH

Intake side: for maximum performance, the intake hose (11) should be routed as straight as possible from chute to inlet without stretching convolutions. Lift deck and allow extra hose length, if necessary. Cut off any excess hose and reattach hose to unit.

Exhaust side : turn tractor as far to the left as possible (turn right for left hand discharge). This will stretch hose to its maximum length. Loosen clamp and cut off excess length. Reattach hose to unit.

7. Read engine operating instructions and service engine before starting.

OPERATING PROCEDURE

1. Follow engine manufacturer's instructions in preparing engine for operation.
2. Inspect area to be vacuumed and pickup all harmful objects and litter.
3. For best vacuuming results operate tractor at manufacturer's recommended speed for best cutting. If grass is high, mow and vacuum the second time.
4. When mowing keep discharge chute to the outside of cutting area for better cut of grass and efficient pickup of grass clipping and leaves.
5. Your vacuum engine is preset to run approximately 3800 RPM. Do not slow down engine. Optimum vacuum is at 3600 RPM.
6. SHUT OFF ENGINE TO DUMP.
7. When operating tractor on slop or grade exercise much caution. Do not cut across grade or slopes. Mow directly up and down hill.
8. Periodically tighten all bolts.
9. Listen for unusual vibration of engine or air turbine. If excessive vibration is present STOP engine and check for damaged blade.
10. Always shut off tractor engine and vacuum engine before servicing.
11. Replace deflector shield when discharge chute is removed.
12. When removing clogs, SHUT OFF ALL ENGINES.

PALMOR PRODUCT PLEDGE A FULL ONE YEAR WARRANTY

The manufacturer guarantees each new Trac Vac to be free from defects in materials and workmanship. The following time periods from date of purchase apply:

Residential Products	1 year
Residential Products used Commercially	90 days

The costs of parts and labor are included but the customer pays the transportation costs. Return any Palmor Products to your dealer for inspection. The above agreement shall not apply to any defects resulting from misuse, alterations, negligence or accident.

We reserve the right to incorporate changes in design without obligation to make these changes on units previously sold.



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