



Electronic Service Manuals

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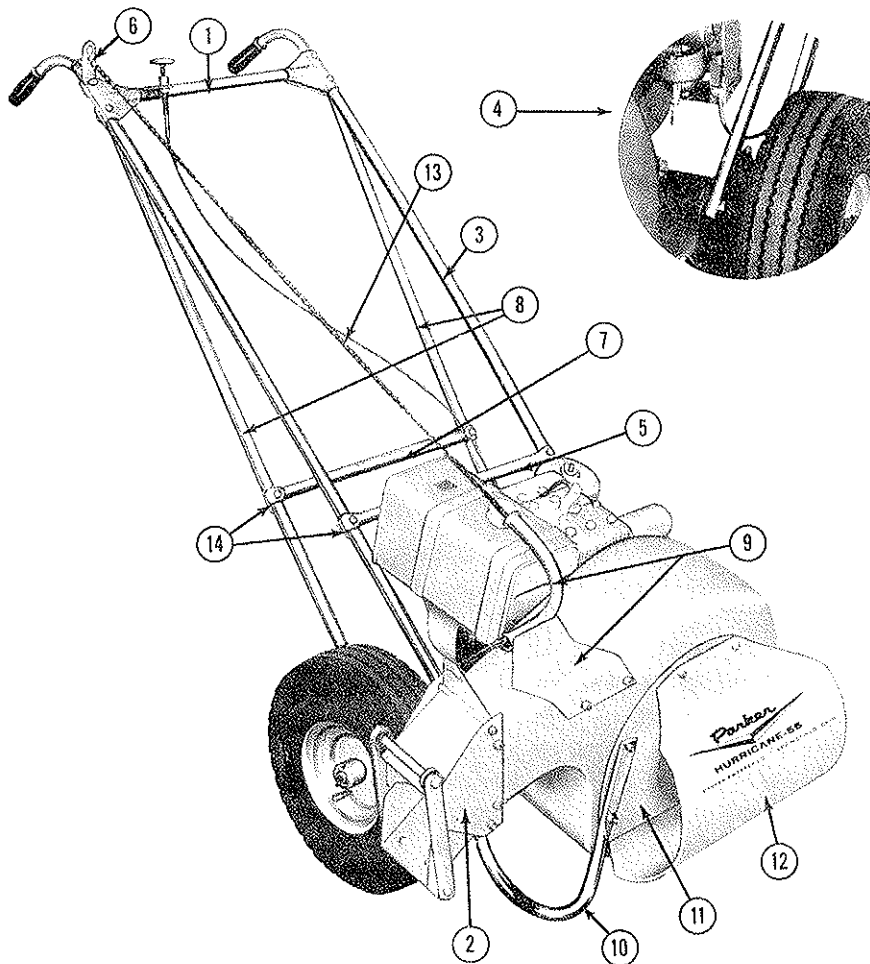
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ASSEMBLY AND OPERATING INSTRUCTIONS

HURRICANE-55

MODEL NO. HC-6555



The Hurricane-55 is packed in 2 cartons. One contains the power unit and the other contains the handle components except the upper cross brace.

To facilitate assembly of the Hurricane, we have placed all of the attaching bolts, lock nuts, and inserts into their correct locations on the various parts. When removing these items for assembly purposes, be sure they are reinstalled in the same manner. The throttle cable is also attached to both the engine and handle cross brace and the air deflector control is also connected to air chute and handle cross brace.

PARKER SWEEPER COMPANY

SPRINGFIELD, OHIO

Litho in U.S.A.

HURRICANE-55 - - MODEL HC-6555

-INSTRUCTIONS FOR CONVERTING TO ULTRA-LOW SETTING-

The blower housing on the Hurricane-55 is drilled and indexed for quick and easy conversion from standard to Ultra-Low setting.

1. In changing the Hurricane-55 to Ultra-Low setting; removal of the bracket (6) that retains the air deflector chain on the handle will be dependent on the frequency of the setting change. If the Ultra-Low setting is to remain permanent, remove the bracket (6) with chain attached; otherwise remove chain only.
2. Disconnect chain from air deflector chute (2) and draw through curved tube assembly (9) mounted on the blower housing.
3. Remove curved tube assembly (9) mounted on fiber glass blower housing, replacing the bolts and nuts in the housing to prevent air from escaping through the mounting holes.
4. Remove air deflector chute (2) by removing 4 nuts and bolts that secure the assembly to the fiber glass housing. Replace with wear-shoe, using the same inner reinforcement strips and hardware.
5. Remove support rest (10) attached to air flow ring (11) and right hand handle bracket (4).
6. Remove front shield (12).
7. Remove air flow ring (11).
8. Remove the 8 hex head bolts that secure the blower housing to the back cover and rotate the housing so that the exhaust opening is parallel with the ground. It is not necessary to remove the housing from the machine entirely to make this change.
9. Position housing to back cover and line up ring segments on inside of housing so that they will receive the hex head bolts, then tighten.
10. Install air flow ring (11) and front shield (12) so that shield is parallel with the ground.

-REMOVAL OF POWER UNIT FROM CARTON-

1. Cut the 2 metal bands that hold the unit to the wood base at the bottom of the carton.
2. Lay carton on side so that the shield (12) faces upward. Roll unit out of carton and place in upright position. Care should be taken to see that the throttle control cable (13) is not damaged or kinked during removal of the unit.
3. Remove handle upper cross brace (1) from air deflector chute (2) placing the assembly on the floor. Care should be taken to avoid damage to cable.

-HANDLE INSTALLATION-

1. Hand tighten all nuts and bolts until the handle is completely installed.
2. Remove handle components and wear-shoe from the other carton.
3. Connect the handle tubes with grips (3) to the brackets (4) attached to either side of the engine mounting base. Insert bolts through the top forward 5/16 holes with the tubes on the outer side of the brackets nearest the wheels. When removing the bolts from the tubes, you will find there are inserts in the ends to prevent collapsing. Be certain the inserts remain in place when attaching.
4. Attach lower cross brace (5) to handle so that clamps (14) are located underneath the tubing.
5. Attach upper cross brace (1) having the throttle lever (13) and air deflector control to right handle tube, when facing engine. The bracket (6) holding the air deflector control chain should be mounted on the top side of tube. Leave the nuts off the long bolts that hold the cross brace in position until handle support (8) is installed.
6. Attach upper cross brace (1) to left handle tube (3) again leaving nut off long bolt.
7. Attach the remaining cross brace (7) to the lower handle supports (8) using the left hand attaching bolt to retain the throttle cable clip. The clip should be placed directly under the bolt head. The brace clamps (14) should be mounted underneath tubes.
8. Connect handle supports (8) to the handle tubes (3) using the long bolts that hold the upper cross brace (1) in position for securing.

9. Connect lower end of handle supports (8) to handle brackets (4) attached to engine base using 5/16 holes at bottom of brackets. Make certain inserts to prevent collapsing of tubes are in place.
10. Now that the handle is completely assembled and installed, secure the attaching bolts and nuts as follows: Starting at the top cross brace (1) and proceeding downward tighten all nuts and bolts alternating from left to right until they are all secured.

-OPERATING INSTRUCTIONS-

1. IMPORTANT: Read engine manual and add proper gasoline and oil to engine.
2. Operate machine at near full throttle for best results. If engine is new, "break in" at several different throttle settings.
3. A straight (center Position) air flow at discharge opening will give farthest distance of cleaning.
4. For the most comfort to operator, hold handle grips straight down at arms length.
5. Machine will operate effectively by either pushing or pulling.
6. Lubricate the two wheel fittings often. Also oil movable parts at air discharge opening.

HURRICANE BLOWER	MODEL No. HC-6555	PRODUCTION YEAR 1964
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PARTS LIST

Part No.	Qty. Per Unit	Description and Location	Part No.	Qty. Per Unit	Description and Location
63-161-C	1	Bracket Assembly Rivet	61-13-A	4	Insert — Handle
63-162-C	1	Bracket Assembly Lower Pivot	61-02-C-1	1	Plate
63-166-D	1	Guard — Silk Screen	61-26-A	2	Grip — Handle
64-121-C	1	Bracket	63-10-A	1	Washer — Retainer
61-10-AB	1	Retainer — Fan	63-130-A	1	Key — Engine Shaft
62-188-D	1	Plate — Front	63-149-A	1	Throttle Assembly
63-88-E-1	1	Fan Wheel	63-164-AA	2	Pin — Clevis
62-128-A	1	Bracket — Throttle	63-169-A	2	Wheel
62-131-C	4	"T" Clamp	61-33-A	2	Tire
62-173-A	2	Plate Washer	64-113-A	1	Engine 6-H.P. Briggs & Stratton
62-194-CA	2	Shield — Side	61-33-A-1	2	Tube
62-215-A	2	Pin — Pivot	64-118-A	1	Ring — Key
62-228-B	5	Extension — Fan Blade	64-119-A	1	Spring
62-230-A	2	Spacer Strap	60-516-16	4	Bolt — Hex Hd. N.F.
62-232-FA	1	Housing	60-616-16	4	Bolt — Hex Hd. N.F.
63-147-LB	2	Handle	65-416-12	18	Bolt — Hex Hd.
63-148-B	2	Truss Brace	65-416-16	9	Bolt — Hex Hd.
63-150-A	1	Cross Bar	65-416-20	7	Bolt — Hex Hd.
64-78-C	4	Anti-Wrap Segment	65-416-24	6	Bolt — Hex Hd.
64-120-A	1	Special Bolt	65-516-12	4	Bolt — Hex Hd.
63-154-B	2	Bar — Cross Lower	65-516-20	4	Bolt — Hex Hd.
63-163-AA	2	Link	65-516-24	4	Bolt — Hex Hd.
64-60-RC	1	Bracket — Handle & Axle R.H.	70-416-12	4	Bolt — Carriage
64-61-LC	1	Bracket — Handle & Axle L.H.	365-416	50	Nut — Elastic Stop Nut
64-109-C	1	Cover — Back	365-516	12	Nut — Elastic Stop Nut
64-110-B	4	Spacer — Tie Bar	380-432-12	5	Pin — Cotter
64-111-F	1	Bracket — Engine Mount	380-432-20	2	Pin — Cotter
64-112-B	1	Support — Channel	524-416-12	13	Screw — Cap Soc. Hd.
64-114-D	1	Support — Tube	564-C-516-16	1	Screw — Allen Hd. Set
64-124-B	1	Bracket — Key — Slot	935-616	1	Washer — Spring Lock
64-117-A	1	Bracket — Spring	936-416	11	Washer — Int. Tooth Lock
64-125-B	1	Axle	936-516	4	Washer — Int. Tooth Lock
47-219-AF-60	5	Safety Chain	945-416	18	Washer — Flat SAE
47-229-AB	1	Clip — Control Cable	945-516	4	Washer — Flat SAE
49-114-A	4	Pin — Drive-Lok	945-816	2	Washer — Flat SAE
59-77-A	4	Clamp — Tube	945-1216	4	Washer — Flat SAE

MODEL HC-6555 HURRICANE
PARTS LIST

<u>PART NO.</u>	<u>DESCRIPTION AND LOCATION</u>	<u>NO. REQ.</u>
63-161-C	Bracket Assembly Rivet	1
63-162-C	Bracket Assembly Lower Pivot	1
63-166-D	Guard - Silk Screen	1
64-121-C	Bracket	1
61-10-AB	Retainer - Fan	1
62-188-D	Plate - Front	1
63-88-E-1	Fan Wheel	1
62-128-A	Bracket - Throttle	1
62-131-C	"T" Clamp	4
62-173-A	Plate Washer	2
62-194-CA	Shield - Side	2
62-215-A	Pin - Pivot	2
62-228-B	Extension - Fan Blade	5
62-230-A	Spacer Strap	2
62-232-FA	Housing	1
63-147-LB	Handle	2
63-148-B	Truss Brace	2
63-150-A	Cross Bar	1
64-78-C	Anti-Wrap Segment	4
64-120-A	Special Bolt	1
62-154-B	Bar - Cross Lower	2
62-163-AA	Link	2
64-60-RC	Bracket - Handle & Axle R.H.	1
64-61-LC	Bracket - Handle & Axle L.H.	1
64-109-C	Cover - Back	1
64-110-B	Spacer - Tie Bar	4
64-111-F	Bracket - Engine Mount	1
64-112-B	Support - Channel	1
64-114-D	Support - Tube	1
64-124-B	Bracket - Key - Slot	1
64-117-A	Bracket - Spring	1
64-125-B	Axle	1
47-219-AF-60	Safety Chain	5
47-229-AB	Clip - Control Cable	1
49-114-A	Pin - Drive-Lok	4
59-77-A	Clamp - Tube	4
61-13-A	Insert - Handle	4
61-02-C-1	Plate	1
61-26-A	Grip - Handle	2
63-10-A	Washer - Retainer	1
63-130-A	Key - Engine Shaft	1
63-149-A	Throttle Assembly	1
63-164-AA	Pin - Clevis	2
63-169-A	Wheel	2
61-33-A	Tire	2
64-113-A	Engine 6-H.P. Briggs & Stratton	1
63-33-A-1	Tube	2
64-118-A	Ring - Key	1

- -continued- -

MODEL HC-6555 HURRICANE PARTS LIST continued -

PART NO.	DESCRIPTION AND LOCATION	NO. REQ.
64-119-A	Spring	1
60-516-16	Bolt - Hex Hd. N.F.	4
60-616-16	Bolt - Hex Hd. N.F.	4
65-416-12	Bolt - Hex Hd.	18
65-416-16	Bolt - Hex Hd.	9
65-416-20	Bolt - Hex Hd.	7
65-416-24	Bolt - Hex Hd.	6
65-516-12	Bolt - Hex Hd.	4
65-516-20	Bolt - Hex Hd.	4
65-516-24	Bolt - Hex Hd.	4
70-416-12	Bolt - Carriage	4
365-416	Nut - Elastic Stop Nut	50
365-516	Nut - Elastic Stop Nut	12
380-432-12	Pin - Cotter	5
380-432-20	Pin - Cotter	2
524-416-12	Screw - Cap Soc. Hd.	13
564-C-516-16	Screw - Allen Hd. Set	1
935-616	Washer - Spring Lock	1
936-416	Washer - Int. Tooth Lock	11
936-516	Washer - Int. Tooth Lock	4
945-416	Washer - Flat SAE	18
945-516	Washer - Flat SAE	4
945-816	Washer - Flat SAE	2
945-1216	Washer - Flat SAE	4

ALWAYS GIVE THE FOLLOWING INFORMATION WHEN
ORDERING REPAIR PARTS

If you are unable to obtain parts locally, write to
the factory for name of nearest service dealer.

1. Part Number and Quantity.
2. Model Number (found on hood).
3. Serial Number
(found on guarantee card).

Your unit is right hand (R.H.) or left hand (L.H.) as you stand behind it.