

## MaxxFan Service Guide



**A**

With the MaxxFan in the open position, remove the two rear hinge screws.



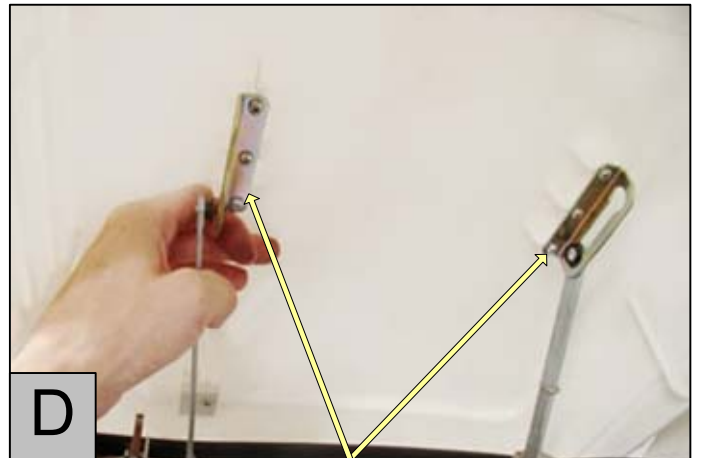
**B**

Allow the Rain Shield to swing downward as shown in photo 'B'.



**C**

Continue to open the MaxxFan and release the Lifting Arms from the two Upper Brackets. Ref. Photos 'D' and 'E'.



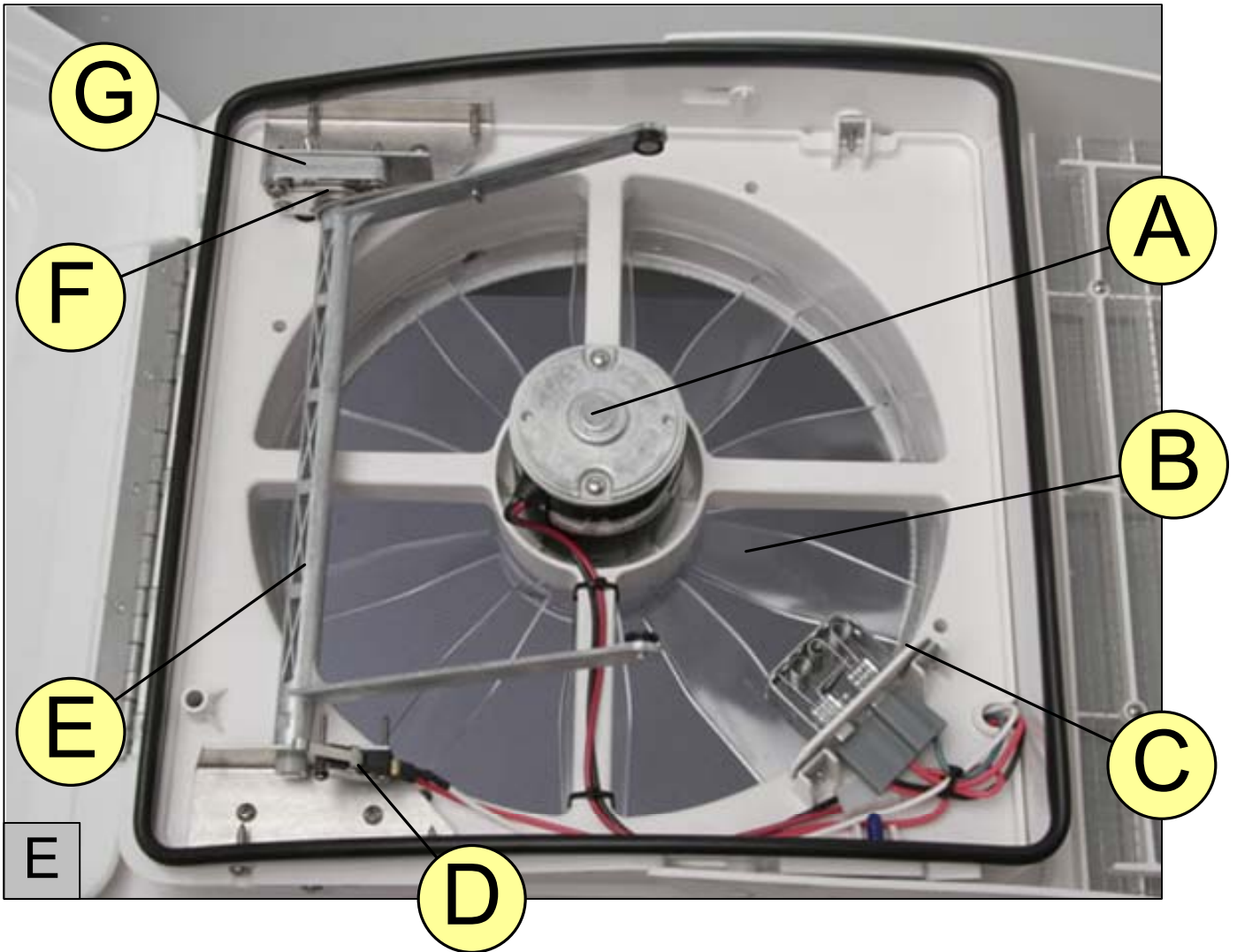
**D**

Upper Brackets



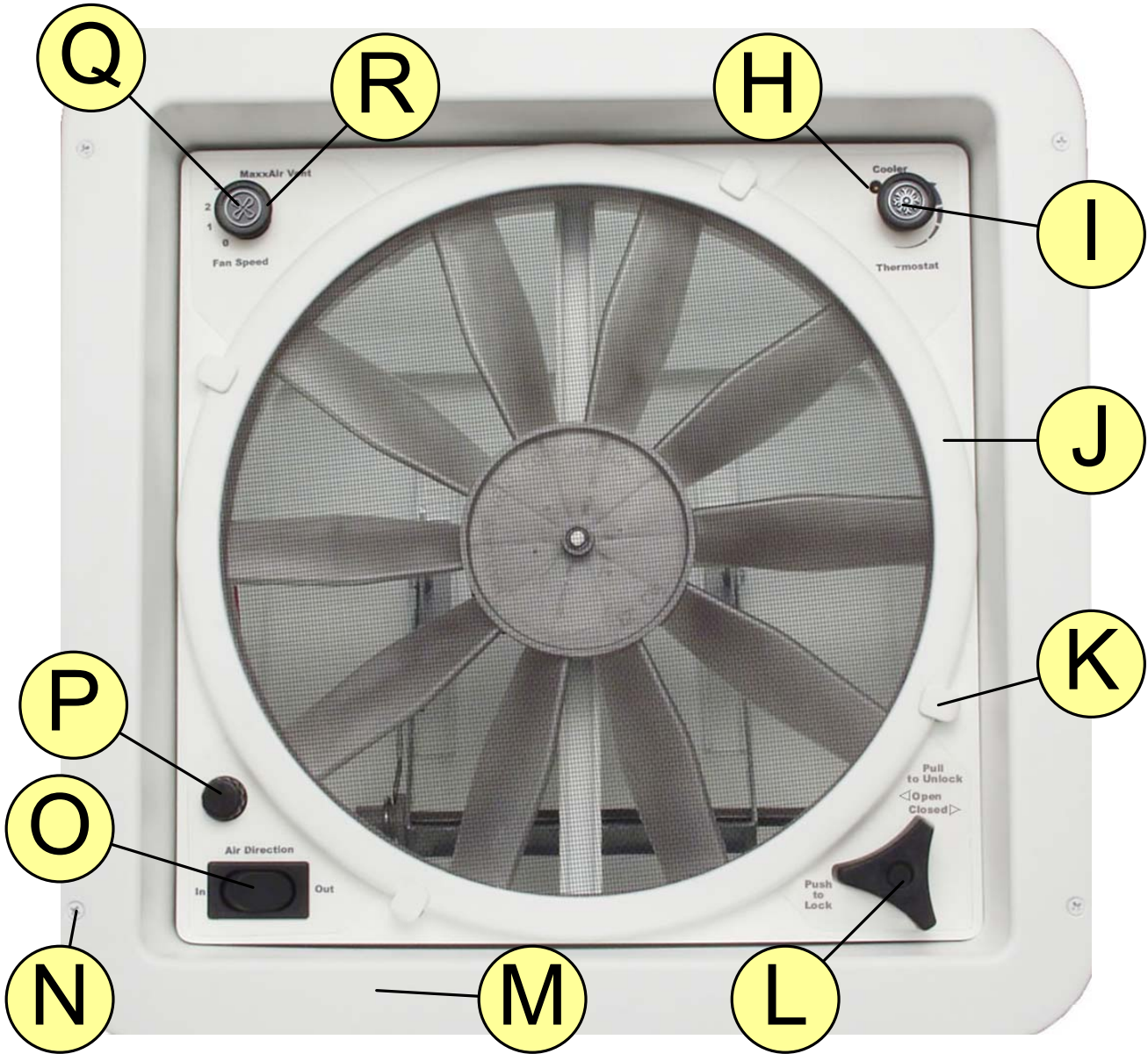
**E**

MaxxFan Models 5100-5103, 6200-6203,



Item	Description	MaxxAir Part Number
A	Motor, Fan	10-20965
B	Fan Blade, Clear P/C with Compression Ring	10-20258
C	Resistor Pack	10-20950
D	Micro Switch, Lid Closed Motor Cutoff	10-21226
E	Lifter, Arm 5/8" Dia.	10-20222
F	Spring, Lid Support	10-20243
G	Operator Assembly, Left Hand Ceiling Mount	10-20255

MaxxFan Models 5100, 5103, 6200, and 6203



Item	Description	MaxxAir Part Number
H	Triangle Printed Circuit Board	10-20201
I	Knob, Thermostat Control	10-20218
J	Assy, Interior Round Screen	05-30925
K	Knob, Round Screen Frame	05-21235
L	Knob, Locking	05-21236
M	Garnish Ring	10-20211
N	Screw, #8x1" Zink Painted	10-20242
O	Switch, Rocker	10-20220
P	Fuse Holder w/Fuse	05-30922
Q	Knob, Fan Speed	10-20219
R	Switch Rotary	10-20813

# MaxxFan Trouble-Shooting Guide

PROBLEM	CAUSE	SOLUTION
NO OPERATION	(1) Low voltage	Correct power supply – 10.5 VDC Min is required to operate.
	(2) Blown fuse	Replace with appropriate 8 amp slow blow fuse.
	(3) Loose power connection	Remove garnish ring, check power wire connections.
	(4) Thermostat not correctly set	Adjust thermostat to a cooler setting.
	(5) Vent lid is closed	Open vent lid
	(6) Vent closed limit switch	Adjust or replace switch
No thermostat operation	(1) Low voltage	Correct power supply – 10.5 VDC Min is required to operate.
	(2) Thermostat circuit board	Replace Thermostat Circuit Board
	(3) Vent closed limit switch	Adjust or replace switch
Fan runs in one direction only. (Intake and Exhaust Models)	(1) Rocker Switch wiring	Check for loose or broken rocker switch wires
	(2) Rocker Switch	Replace rocker switch
Fan Speed (High speed only)	(1) Resistor pack	Replace resistor pack (also check for high current fan motor 4.5 amps maximum).
	(2) Speed selector switch	Replace four position rotary switch.
No Manual dome operation: (Manual vent models only)	(1) Broken worm gear	Replace worm gear assembly
	(2) Broken gear coupler	Replace gear coupler
	(3) Broken vent knob	Replace knob
Vent lid motor runs lid does not open or close (auto vent opening Maxxfan models only)	(1) Broken gear (s)	Replace vent lid motor
	(2) Broken operator gear	Replace operator gear assembly
Vent lid motor not running lid does not open or close	(1) Loose plug connection	Remove MaxxFan assembly from roof, check plug connection between circuit board and lid lifting motor.
	(2) Circuit Board	Replace circuit board.
Fan runs all the time	(1) Thermostat is set to low	Raise thermostat setting.
	(2) Inside cabin temperature above 115 degrees F.	Fan will operate continuously if temperature is 115 degrees F or higher.