

REPLACEMENT INSTRUCTIONS FOR RVP MACH 8 MOTOR RUN CAPACITORS

If an energized Mach 8 motor in each speed will not start but will run when manually spun, replace the run capacitor. If the motor still does not start, the winding is open and the motor must be replaced. Replacement motors come equipped with a run capacitor.

SHOCK HAZARD: Insure electrical power is removed prior to replacement of a run capacitor.

Refer to table 1 for proper RVP kit selection.

- 1) Using a wire cutter cut the defective capacitor wires as close to the defective capacitor as possible. Strip the insulation back .25inch (7mm) from the wires just cut.
- 2) Discard the defective capacitor. It is permissible to break off the bracket of the defective capacitor to avoid removing the appliance. This does not apply to the cylindrical capacitor found on some fan models, these are attached with a nut.
- 3) Insert one of the cut and stripped wires fully into a red wire splice found on the replacement capacitor, there is no polarity requirement, use either wire. Crimp the splice to securely capture the wire. Insure the effectiveness of the connection by pulling on the splice. Repeat this procedure for the remaining wire.
- 4) Heat the wire splices with a heat source to tightly shrink the splice and provide a water proof seal.
- 5) Pull off the release liner from the bonding tape on the new capacitor base and adhere to a convenient location to a clean dry surface of the base pan. If replacing a fan capacitor on some models, the cylindrical capacitor is secured with the supplied nut. Dress the wires to avoid contact with sharp or moving parts, use wire ties if needed.
- 6) Restore all assemblies to the original condition before applying electrical power.
- 7) Run test the system to verify operation.

Table 1

MOTOR FUNCTION	RVP MOTOR MODEL NO.	CAPACITOR μ F/volts	MOTOR VAC/HZ	RVP KIT NUMBER
BLOWER	1468*338	10/370	115/60	1499-6441
FAN	1468*339	12.5/370	115/60	1499-6451
BLOWER	1468*340	5/450	240/50	1499-6431
FAN	1468*341	5/450	240/50	1499-6431
BLOWER	1468*344	5/450	240/50	1499-6431
FAN	47103*301	2/450	240/50	1499-6411
FAN	47301*301	2.5/450	240/50	1499-6461

*- CHARACTER MAY VARY

RV Products, a division of Airxcel, Inc., P.O. Box 4020, Wichita, KS 67204

Coleman is a registered trademark of The Coleman Company, Inc. used under license. Mach is a registered trademark.



This manual is provided courtesy of **RV Tech Cheat Sheet**



Professional resources for the whole RV industry — free.

We put manuals, wiring diagrams and hard-won tech knowledge in every technician's hands, so repairs get done right the first time, techs work faster, and RV owners everywhere get better service.



rvtechcheatsheet.com/manuals

Find thousands more RV manuals, wiring diagrams and parts lists

RV techs: share fixes, ask questions and learn from each other.

Join our free Facebook group →



Follow proper safety practices. If in doubt, consult a professional RV technician.