



T.I.P. Troubleshooting Information on Power Gear

ELECTRICAL WIRING INFORMATION FOR PRESET DUAL AMPERAGE CURRENT LIMITER

CAUTION: The current limiter is designed to provide different trip settings for the extend and retract strokes of the slide-out.

CAUTION: The wiring for the slide-out should be completed per the following wiring diagram or the motor home may be damaged.

CAUTION: The switch wires, motor wires and ground wire can be connected to the control at any time during installation prior to the power being connected. The battery line must be connected to the control **BEFORE** the battery is connected, but cannot be connected until after the system has been high potted.

CAUTION: The control box **WILL** be damaged if any of the leads are grounded or touched together when power is connected to the system.

CAUTION: Modification of wiring schematic other than reversal of motor leads **WILL** cause improper operation of the current limiter and the slide-out, and may cause damage to the RV.

NOTE: **Prior to power hookup**, verification of switch wire connections may be accomplished by checking continuity. Verify continuity between the wire to be connected to the "SW.IN" spade and chassis ground when the switch is depressed to the "IN" position. Also, verify continuity between the wire to be connected to the "SW.OUT" spade and chassis ground when the switch is depressed to the "OUT" position.

NOTE: **Provided the previous note has been followed**, if the red wire is connected to the +12V source, the motor will turn clockwise, viewed from face mount when the switch is depressed to the "IN" position.

NOTE: If motor runs in reverse direction, verify switch connections are correct and reverse motor leads.

NOTE: Maximum motor amperage draw during room extension should be less than Maximum motor amperage during room extension.

Hookup instructions current limiter:

	POWER GEAR COMPONENTS	FLEETWOOD HOOKUPS	CURRENT LIMITER WIRING CONNECTIONS AND MOTOR OPERATING CONDITIONS	
connection	MOTOR RED	GREEN	M1(LO)	M2(HI)
connection	MOTOR BLACK	YELLOW	M2(HI)	M1(LO)
connection	SWITCH OUT PIN	ORANGE	SW.OUT	SW.OUT
connection	SWITCH IN PIN	BLUE	SW.IN	SW.IN
connection	+12 VDC	RED	BATT	BATT
connection	GROUND	WHITE	GND	GND
operation	MOTOR		CW	CCW
operation	ROOM IN		27A	20A
operation	ROOM OUT		20A	27A

Operation assumes the switch is being pushed to the "IN" position.

Connections assume the "SWITCH IN PIN" refers to the pin directly below the "OUT" position on the switch and "SWITCH OUT PIN" refers to the pin directly below the "IN" position on the switch.

