

5th Wheel Landing Gear Power Kit

EDJ9000

M-9000-PK

OCTOBER, 2006

UL Listed Marine Ignition Protected

RATED CAPACITIES

SINGLE			DUAL		
RATED LOAD	AMPS**	SPEED/IPM	RATED LOAD	AMPS**	SPEED/IPM
5000 lbs (2 legs)	25 - 30	2.5	4000 lbs. (ea. Leg)	20 -25 ea.	3.0

!! EXPLOSION WARNING !!

Switch **is not** ignition protected. **DO NOT** install in battery or Propane Storage compartments.

!! WARNING !!

DO NOT EXCEED RATED CAPACITY

!! CAUTION !!

Potential damage to frame of trailer may occur if legs or power kits are operated unevenly. Front of trailer must remain horizontal.

!! WARNING !!

MOVING PARTS CAN CAUSE SERIOUS BODILY INJURY
Switches must be located in an area where operator can not contact moving parts while activating motor

POWER KIT INSTALLATION

- Align slotted output shaft of Power Kit with short shaft of reduction box and attach using two (2) 1/4-20 x 3 1/2" lg. HWH slotted bolts (supplied).
- Choose a smooth flat surface to mount control switch to. **DO NOT** install switch on an uneven or carpeted surface which may cause the face plate to break or the switch to stick. **DO NOT** install switch on an exposed outside surface.
- See sheet 6 for recommended switch installation holes
- Pass wires thru hole from face plate side of panel and secure face plate(s) to panel using appropriate screws. (route wires so they **DO NOT** touch any rough or moving objects that may wear thru insulation) **DO NOT MOVE OR REMOVE WIRE TIE LOCATED NEAR SWITCH**

5b. TWO SWITCH WIRING (DUAL POWER KIT)

Short PINK FUSED wire of switch 1 & 2 to POS. (+) battery terminal
Short BLACK wire of switch 1 & 2 to NEG. (-) battery terminal
Long RED wire of switch 1 to passenger side RED motor lead
Long BLACK wire of switch 1 to passenger side BLACK motor lead
Long RED wire of switch 2 to driver side RED motor lead
Long BLACK wire of switch 2 to driver side BLACK motor lead

5c. THREE SWITCH WIRING (DUAL POWER KIT)

Short PINK FUSED wire of switch 1, 2 & 3 to POS. (+) battery terminal
Short BLACK wire of switch 1, 2 & 3 to NEG. (-) battery terminal
Long RED wire of switch 1 to passenger side RED motor lead
Long BLACK wire of switch 1 to passenger side BLACK motor lead
Long RED wire of switch 2 to Long RED wire of switches 1 & 3
Long BLACK wire of switch 2 to Long BLACK wire of switches 1 & 3
Long RED wire of switch 3 to driver side RED motor lead
Long BLACK wire of switch 3 to driver side BLACK motor lead
NOTE: SWITCH 2 SHOULD ONLY BE USED TO EXTEND LEGS UNTIL THEY ARE IN CONTACT WITH THE GROUND OR TO RETRACT LEGS AFTER TRAILER WEIGHT IS SUPPORTED BY THE TOW VEHICLE OR STABILIZER JACKS. ANY TIME THE LANDING LEGS ARE SUPPORTING LOAD THEY SHOULD BE OPERATED BY THEIR RESPECTIVE INDIVIDUAL SWITCHES. NEVER OPERATE SWITCH 2 IN CONJUNCTION WITH SWITCH 1 OR 3

5a. SINGLE SWITCH WIRING

Short PINK wire to POS. (+) Battery terminal
Short BLACK wire to NEG. (-) Battery terminal
Long RED wire to RED Motor lead
Long BLACK wire to BLACK Motor lead

NOTE: If additional wire is needed use not less than 10 awg stranded copper wire (8 awg preferred)

Note: Short PINK wire is 30 amp fuse protected. Ensure fuse is readily accessible after installation. **DO NOT connect Pink wire(s) to (+) battery terminal until installation is complete and ready to test.**

Power Kit is protected with a mechanical slip clutch. If a clicking noise is heard during operation discontinue use and ensure max extension or retraction has not been reached. If clicking persist during operation seek qualified technician. Legs may be overloaded or require maintenance

** Amp spec. are typical with 12vdc applied at the motor and will vary depending on application, awg vs length of wire and state of battery charge. If amp draw exceeds 30 or fuses are blown regularly, check voltage at motor while running, if less than 12vdc, wire awg may be too small or battery charge insufficient. If voltage is 12vdc and fuses continue to blow seek qualified technician. Legs may be overloaded or require maintenance.