

Troubleshooting Guide

Problem	Possible Cause	Correction
Remote will not turn on – no green light.	Dead or weak battery in remote unit. Defective remote	Remove 6 screws from back of remote and replace AA battery. Plug in coiled phone cord between remote and receiver until battery can be replaced. Replace remote.
Green light on remote but jacks will not operate.	Receiver needs reset Insufficient power at receiver to operate jacks. (Red light on receiver panel)	Simultaneously press AUX IN & AUX OUT Charge camper battery or plug into AC power if available.
One or more jacks will not operate.	Blown fuse(s) on receiver board.	Replace blown fuse(s). If fuses continue to Blow contact HAPPIJAC

MANUAL JACK OPERATION

In the event that it becomes necessary to operate one or more of the jacks manually due to a malfunction of the system, or a dead/low camper battery condition. Follow this procedure.

1. Remove the protective weather cap & Insert hand crank into crank socket on the jack
- 2..Flip the motor release / locking lever (on the side of the jack) to the DOWN position.
This will disengage the motor head from the jack allowing it to turn freely by hand
3. Manually raise or lower jack(s) to desired position.

CAUTION: Just as when using the remote feature, be careful to keep camper relatively level and do not allow the front of the camper to become lower than the rear.

4. **ALWAYS** return the lever to the UP position when not hand cranking. This engages the motor and provides a secure lock for the jack..



WIRELESS REMOTE CAMPER JACK CONTROLLER

IMPORTANT PRECAUTIONS

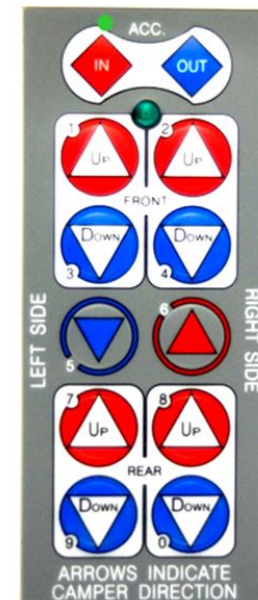
NEVER allow the back of the camper to become higher than the front! Camper will load best and more safely if front is kept approximately 2- 4 inches higher than rear.

ALWAYS keep motor release / locking lever (on side of Jack) in the **UP** (ENGAGED) position except when hand crank is installed.

NEVER lift beyond the **RED STOP LINE** on jack inner leg! Jack damage compromising jack performance and safety could result with repeated over extension.

NEVER: Leave the jack fully retracted. Once the jacks are retracted for travel, reverse the motors and extend the jack slightly. This prevents the jack from locking up in the fully retracted position.

KEEP REMOTE UNIT DRY and **AWAY FROM MOISTURE**
Do not leave remote outdoors or in outside compartments when not in use. Keep inside truck or camper.



INITIALIZING & SECURING THE REMOTE SYSTEM

To initialize the REMOTE, press the **"ALL UP"** and **"ALL DOWN"** buttons **at the same time**. The indicator light on the REMOTE will turn green. Then press the **"ACC IN"** and **"ACC OUT"** buttons **simultaneously** to activate the receiver.

NOTE: If the indicator light on the remote does not light, open the REMOTE by removing the six screws from the back and replace the AA battery inside or plug in coiled cord between REMOTE and RECEIVER to operate in **CORDED mode**. Pressing **"ALL UP"** and **"ALL DOWN"** will turn the REMOTE off. Also, both the REMOTE and the RECEIVER will automatically turn off after 2 min. of non-use.

OPERATING THE HAPPIJAC REMOTE ELECTRIC JACK SYSTEM

IMPORTANT OPERATING NOTES

When the jacks have sat unused for an extended period (over the winter, etc.). If fully retracted, it is advisable to use the hand crank to turn each jack a few turns before engaging the motors. Place motor release lever in down position to do this, then be sure to reset the release lever to the up (locked) position. **A few drops or light spray of light penetrating oil at the interface of the crank socket and hub or in the oil hole within the hub will wick into the bushing and improve jack performance.**

BASIC OPERATION

The buttons in the lighter background correspond to the jack locations (looking forward from the rear of the camper). Hence, buttons 1 & 3 control the left front jack, buttons 2 & 4 the right front, etc. **IMPORTANT: Arrows on buttons indicate direction of camper movement (red buttons raise camper, blue buttons lower camper)**

SPECIAL OPERATING FEATURES

ALL DOWN - Press and hold button 5 and all 4 jacks retract to LOWER the camper.

ALL UP - Press and hold button 6 and all 4 jacks extend to RAISE the camper.

CAUTION: Because the weight of the camper is not the same at all four corners, the jacks will not raise and lower at the same speed. Be careful not to get camper very far out of level. Generally no more than 4 inches. When running all four jacks, stop often to check level and ensure that all 4 jacks are on the ground.

SPECIAL SAFETY FEATURES

OVER CURRENT SHUTDOWN - When any jack reaches the end of travel, either at full retraction or full extension, an **over current** situation will cause the remote to shut down operation of all jacks and sound an alarm. Press each jack button individually **in the direction of travel** at the time of the alarm. When the alarm sounds again, this is the jack which has "**amped out**" and can be moved no further in that direction. Operation of the other jacks is not affected unless or until they reach the end of travel and "**amp out**" as well. A bind due to uneven loading of the jacks may cause the motors to amp out. Reverse the jack, correct the load issue and continue to load / unload. **NEVER leave the jacks bound in either the fully extended or fully retracted position.**

OPERATIONAL TIME OUT - Any button held down for **1 continuous minute** will cause a time out and all operation will cease. The button must be released then it or another button pressed to continue operation. The purpose of this feature is to minimize the risk of getting the camper dangerously out of level.

IDLE TIMEOUT - If no buttons have been depressed for 2 minutes, system will shut down and indicator light will go out. Both the REMOTE and the RECEIVER will shut down. The purpose of this feature is to automatically shut the system down when not in use, thus reducing the possibility of tampering or accidental activation by children, etc. **RESET** by simultaneously pressing "ALL UP" and ALL DOWN" buttons to reset REMOTE, then the "AUX IN" and "AUX OUT" buttons to reset the RECEIVER.

QUICK REFERENCE

Read Instructions for more detail

AUXILIARY CONTROL

For room slide or other motorized auxiliary device

STATUS INDICATOR

Green = Operational

ALL DOWN

Press & Hold all jacks retract

REMOTE RESET

Press both UP and DOWN simultaneously to reset remote

RECEIVER RESET

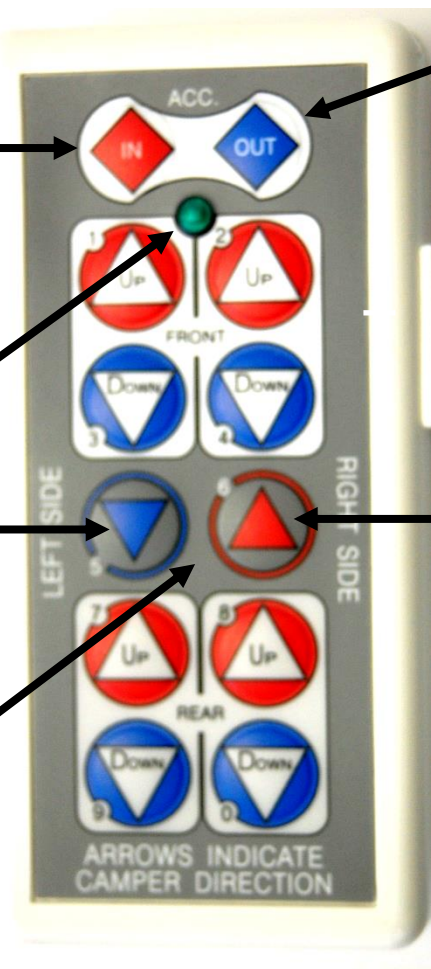
Press both Aux simultaneously to reset receiver

PHONE CORD ACCESS PORT

Pry out cover

ALL UP

Press & Hold all jacks extend



ARROWS INDICATE DIRECTION OF CAMPER MOVEMENT

RED BUTTONS: RAISE CAMPER (Jacks Extend)

BLUE BUTTONS: LOWER CAMPER (Jacks Retract)

RECEIVER STATUS INDICATOR

The RECEIVER is equipped with a tri-state status indicator light. Indications are as follows.

NO LIGHT = No power to receiver from 12 VDC supply or GROUND failure.

RED LIGHT = Insufficient power for proper operation.

ORANGE LIGHT = RECEIVER operational but in idle mode. (See RESET above)

GREEN LIGHT = RECEIVER is in operational mode.

THE GOLDEN RULES

LOADING & UNLOADING A TRUCK CAMPER

- **NEVER** allow the front of the camper to become lower than the back.
- **NEVER** back into or turn into jacks.
- **NEVER** leave the camper in an elevated position supported by jacks. Lower to the ground or support weight on fixed platforms (saw horses, etc).
- **ALWAYS** keep the front of the camper slightly higher than the back when in motion.
- **ALWAYS** keep camper level side to side.
- **ALWAYS** ensure that camper is clear of truck bed when backing and pulling out.
- **STOP** frequently when loading & unloading to ensure camper is level side to side and the front is slightly higher than the rear.
- **ALWAYS REMEMBER** that you are moving a dynamic load weighing thousands of pounds.
USE EXTREME CAUTION. As you change levels, side to side, front to back, and corner to corner, you are shifting hundreds of pounds of weight. It is very important that the load remain as evenly distributed on all four jacks as possible. ***No one jack, especially when swingouts are used, will support the shifting weight of the camper if a disproportionate load is shifted onto it! Keep the load evenly distributed!***

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