

WIRELESS REMOTE CAMPER JACK CONTROLLER

IMPORTANT PRECAUTIONS

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

NEVER lift beyond the **RED STOP LINE** on jacks! Jack damage and possible jack failure can result.

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 4 inches higher than rear.

DANGER: Keep camper level when raising or lowering (within 4-6 inches). Due to weight differences at each corner, jacks will not raise and lower at same speed. Stop frequently and check level of camper.

KEEP REMOTE UNIT DRY.

Do not leave outdoors when not in use.

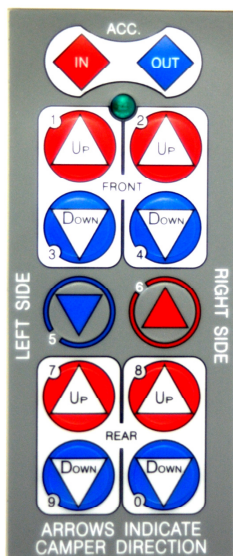
ALWAYS stow remote in a dry place when not in use.

STOP! RELEASE BUTTON WHEN JACKS MAKE A RATCHETING SOUND.

The jack is fully retracted and the motor override clutch has engaged. **When operating all 4 jacks at once**, stop at first sound of ratcheting, then individually retract each jack until it just begins to ratchet. Momentarily press the UP Button (1-2 seconds) to release tension on the jack. Ratcheting for more than 2-3 sec. has the same effect as an impact wrench and could **cause the jack to seize**. Prolonged ratcheting of the override clutch could result in jack or motor damage. If jack has seized in the retracted position due to prolonged ratcheting or infrequent use, disengage motor head, insert manual crank into crank socket and turn **COUNTER CLOCKWISE** to free jack.

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 "AUX IN" and "AUX OUT" buttons simultaneously to activate the receiver. *If the indicator light 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.* 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.). 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 of light oil placed 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 operation.**

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 4-6 inches. When running all four jacks, stop often to check level and ensure that all 4 jacks are on the ground.

SPECIAL SAFETY FEATURES

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.

CAUTION: Always stow the remote in a dry place when not in use.

RECEIVER STATUS INDICATOR

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

NO LIGHT = No power.

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.

QUICK REFERENCE

Read Instructions for more detail

AUXILIARY CONTROL

For room slide or other motorized auxiliary device

STATUS INDICATOR

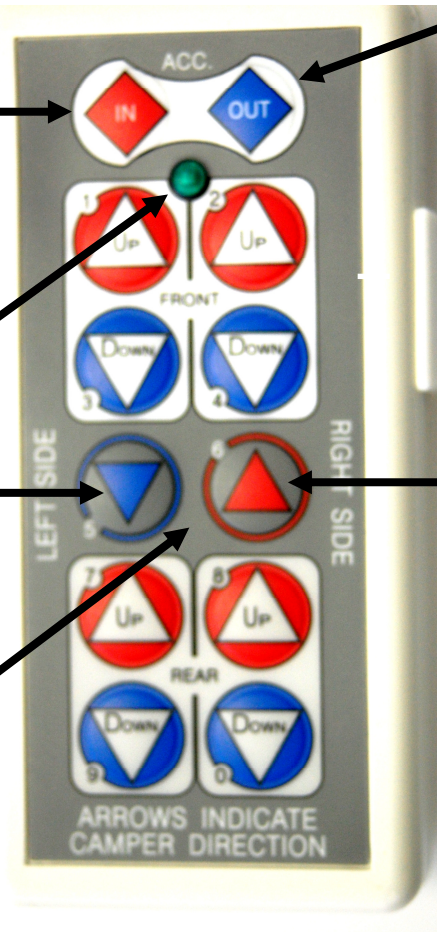
Green = Operational

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)

Troubleshooting Guide

Problem	Possible Cause	Correction
Remote will not turn on – no green light.	Dead or weak battery in remote unit.	Remove 6 screws from back of remote and replace AA battery.
	Defective remote	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 battery condition. Follow this procedure.

1. 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.

2. Insert hand crank into crank socket on jack and manually raise or lower jack.

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.

3. **ALWAYS** return the lever to the **UP** position when not hand cranking. This engages the motor head and locks the jack, preventing possible accidental extension.

HAPPIJAC TECHNICAL SUPPORT: 1 (800) 231-7440

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.
 - **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!*