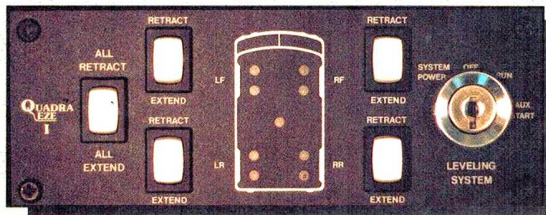


QUADRA

MFG INC.

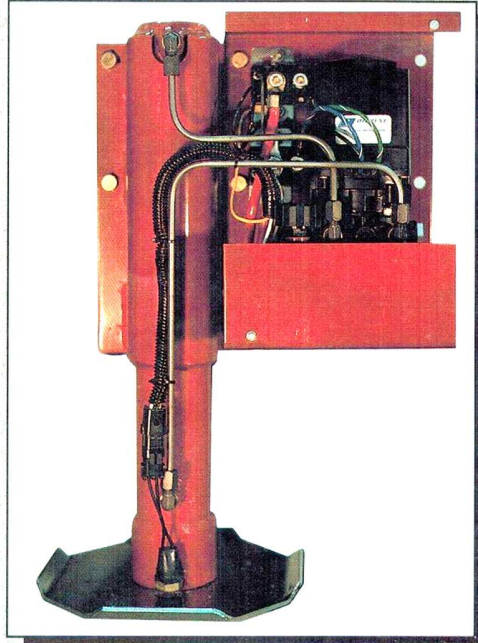
The new **QUADRA-EZE**® motorhome leveling system is the strongest, most reliable, most stable and safest available for today's RV owner.

It represents state-of-the-art engineering, easy to use electronic controls and the largest, most stable support foot compared to any other brand.



The **QUADRA-EZE**® leveling system features (4) modular self-contained hydraulic jacks, a complete ready-to-install wire harness and electronic dash mounted control panel. The control panel also features a safety ignition interlock system to prevent accidental drive-off while your jacks are in use.

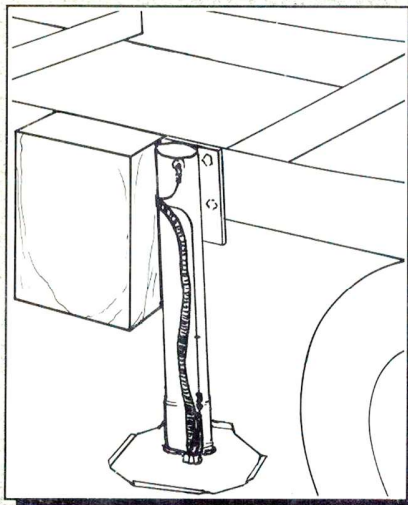
Give your motorhome a lift . . .
with a new **QUADRA-EZE**® leveling system.



Your motorhome choice represents the best investment in design engineering, value and quality.
A **QUADRA-EZE**® leveling system represents a natural addition.

A completely assembled wire harness featuring crimped and soldered connectors, frame rail clamps, wire bundle ties and a can of anti-corrosive spray is provided with each **QUADRA-EZE®** system. No special tools or welding is required on most installations.

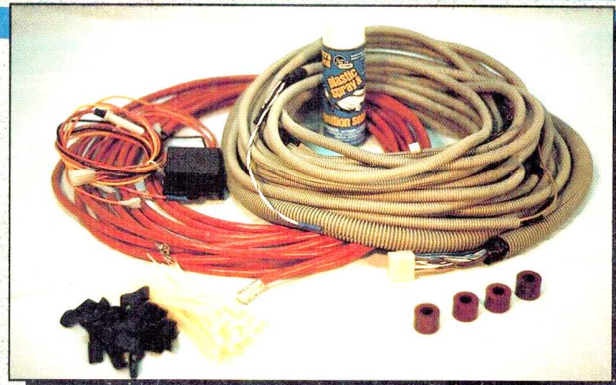
5-YEAR WARRANTY



With an 85.5 square inch steel support foot, your motorhome can be leveled and stable even in loose sand or wet soils.

Available From:

QUADRA MANUFACTURING, INC.
69129 U.S. 131 South
P.O. Box 536
White Pigeon, Michigan 49099
1-800-212-9515



QUADRA-EZE® HYDRAULIC LEVELING SYSTEM FEATURES & INFORMATION

POWER UNITS:

- Four self-contained 12V DC Hydraulic Bi-Directional Pumps
- Weatherproof
- Uses Automatic Transmission Fluid (Dexron II) - This allows the system to operate at below 0°F Temperatures
- 2,500 PSI Maximum Pressure

CYLINDERS:

- **Model - QE-I**
- Medium Duty System has a lift capacity of 12,275 lbs. per cylinder, for a total system capacity capacity of 49,100 lbs.
- **Model - QE-II**
- Heavy Duty System has a lift capacity of 17,675 lbs. per cylinder, for a total system of 70,700 lbs.
- Maximum cylinder stroke is 15 inches
- NO FOLDING Jack leg

CONTROL PANEL:

- Easy to understand logic: ALL LIGHTS - GREEN - GO. One or more RED LIGHTS - Levelers are NOT fully retracted and unit cannot be started with ignition key due to ignition interlock with Auxiliary Start, which prevents DRIVE-OFF Damage.
- Weatherproof, easy to install wiring harness
- Automatic shut-off of power units, when Levelers fully retract

FOOT PADS:

- 10 Inch Hexagon shape
- Area of Foot Pad - 85.5 square inches
- NO SPRINGS attached to rust or break

EZE OF INSTALLATION:

- Bolts directly to frame, no welding required (most installations)
- NO hydraulic hoses to measure and crimp
- Unit comes complete - NO parts to source, including power cable



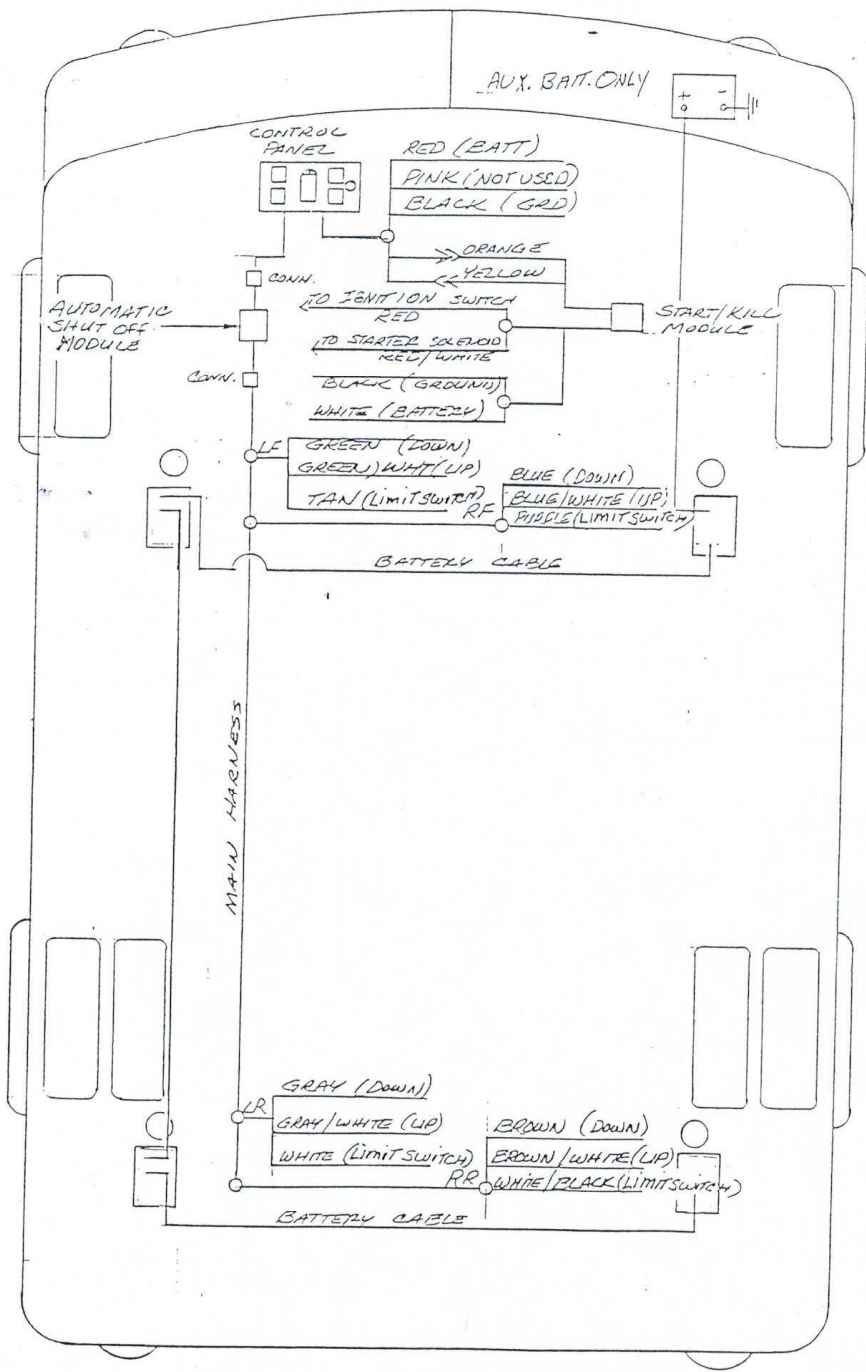
28830 Paul Drive • P.O. Box 1788 • Elkhart, IN 46515
Phone (219) 264-4433

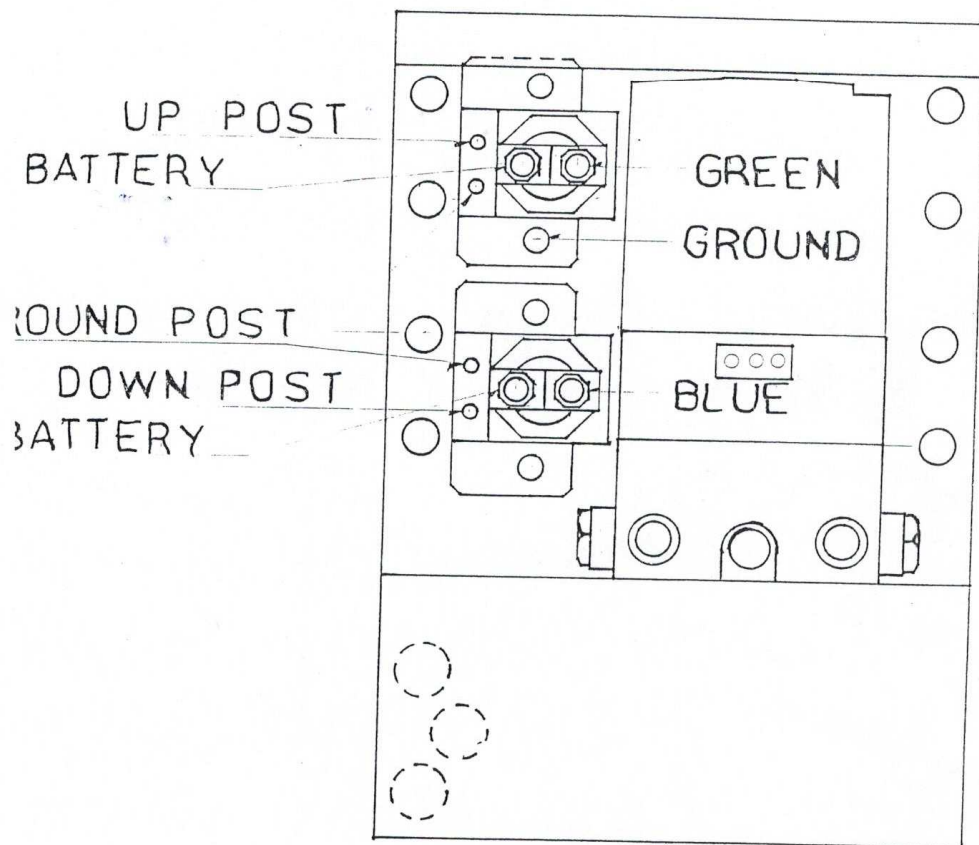
WIRING

Cut wire from ignition switch to starter relay or solenoid and attach to red wire with blue connector coming out of starter lockout box, attach other end going to starter to red-white stripe wire coming out of starter lockout box.

White - battery
Black - ground
Orange - orange
Yellow - yellow
Red with fuse - to battery hot
Pink - not used

Battery cable must run from auxiliary battery to levelers. Install battery cable through snap in grommets then install through holes in pump-tank module. Run cable from battery to right front leveler, then from right front to left front, from left front to left rear, and from left rear to right rear. Secure all wires and cables with wire ties provided, being careful of sharp edges, hot, or moving parts.





PUMP WIRING

OPERATION

The QUADRA-EZE Leveling System is to be operated by its own control panel. When you are parked and shut down (with the parking brake set), you are ready to level.

Always visually check your parking spot for foreign objects. (rocks etc.)

Insert the system key and turn to "System Power". You may extend or retract all levelers or any individual one by selecting the labeled switch or switches.

EXTENDING:

It is best to run the levelers down to contact at each corner. Then level side to side and then end to end, using the appropriate switches.

NOTE: The green lights will go to red when the levelers are extended.

This indicates extension and also that the starter circuit on your vehicle has been locked out and the ignition switch will not be operable.

RETRACTING:

To retract all levelers press "all retract". They will retract and automatically shut down when fully retracted. The red lights will go to green to indicate travel position. It is normal that individual levelers travel at different speeds, so shut down will be at different times.

ALWAYS DO A VISUAL INSPECTION BEFORE TRAVELING.....

STARTER LOCK-OUT:

The QUADRA-EZE system features a safety starter lock-out. When you extend any leveler the starter circuit of the vehicle is locked out of operation.

- (Note: 1. Turn vehicle ignition to run position.
2. Use the "aux. start" position on the system control panel to start engine.

The purpose of this device is to stop anyone from driving off and causing damage.

To use QUADRA-EZE as an ANTI-THEFT system...
Extend any leveler till the light changes from green to red. Turn off the system and pull the key. Since the starter circuit is now locked out, you have an effective anti-theft device.

CAUTION

KEEP THE HYDRAULIC SYSTEM FREE FROM DIRT

KEEP ALL WIRES AWAY FROM ENGINE, MUFFLERS, EXHAUST SYSTEM, AND MOVING PARTS

Secure all wires with wire ties (provided), especially the heavy duty battery cable where it goes over any drive line parts.

WARNING: Keep the power and battery cables away from sharp edges which could cause direct shorts if cut through insulating cover.

DO NOT USE LEVELER SYSTEM TO CHANGE TIRES OR TO WORK UNDER THE VEHICLE. Always use proper jacks and supports designed for these special purposes.

TROUBLE SHOOTING

If the system does not operate:

1. Check the 6 amp. fuse - replace if blown.
2. Check batteries - if you have a dead battery, simply use jumper cables or replacement battery and retract the levelers in the normal manner. This will enable you to move your vehicle to a repair facility for electrical system repairs, if necessary.

PREVENTATIVE MAINTENANCE

Check oil level (with levelers totally retracted)

Check system for leaks - repair immediately

Check all electrical connections

Batteries MUST BE in good condition and fully charged

Clean off mud, ice snow, etc. from levelers

Check limit switch:

Foot pad must depress ball in limit switch

To check out switch-extend leveler, depress ball, light on control panel should switch between red and green

If necessary, simply bend bracket to contact location.

If levelers are removed & reinstalled, fill lower port of cylinder with 26 oz. of Dextron II ATF before replacing. This will help eliminate air from system

IF YOU HAVE ANY QUESTIONS - CALL - 1-800-752-9815

QUADRA EZE1 15-PIN CONNECTION

(AS IF LOOKING DIRECTLY INTO THE PLUG)

