

QUICK REFERENCE

LEVELING SYSTEM IDENTIFICATION

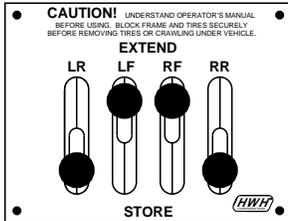
MOTORIZED VEHICLES

MANUAL LEVER CONTROLLED LEVELING SYSTEMS

100 SERIES - Single lever control for each jack

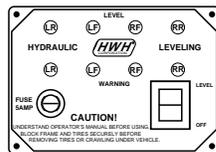
Single slot in the valve bezel plate for each lever

Indicator lights are on a plate mounted separate from the valve

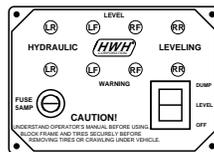


100 SERIES - USES SEPARATE LIGHT PANELS

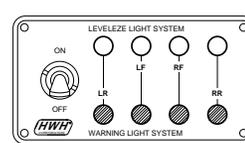
VARIATIONS OF SEPARATE INDICATOR LIGHT PANELS



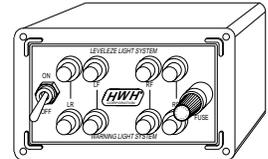
LIGHT PANEL NO DUMP



LIGHT PANEL WITH DUMP



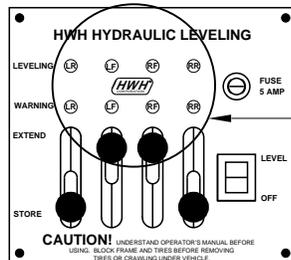
OLDER STYLE LIGHT PANELS



110 SERIES - Single lever control for each jack

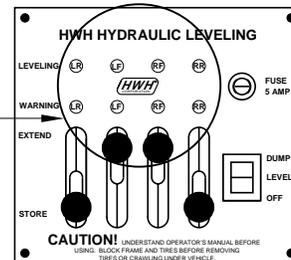
Single slot in the valve bezel plate for each lever

Indicator lights are part of the slotted bezel plate covering the valve



NO DUMP

110 SERIES - USE INTEGRATED LIGHT PANELS



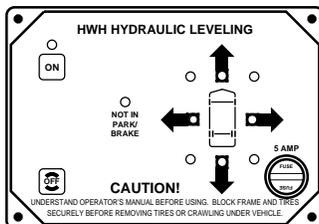
WITH DUMP

200 SERIES - Single joystick control for all four jacks

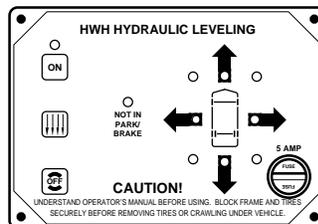
One front and one rear store lever

Valve bezel plate has a cross slot

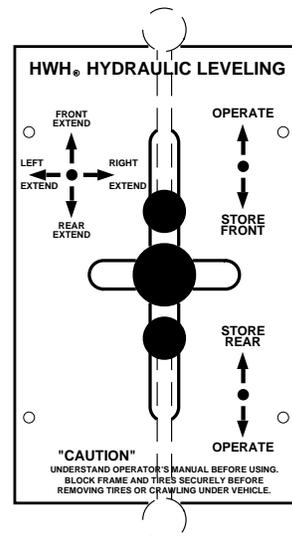
Indicator lights are on a plate mounted separate from the valve



LIGHT PANEL NO DUMP



LIGHT PANEL WITH DUMP

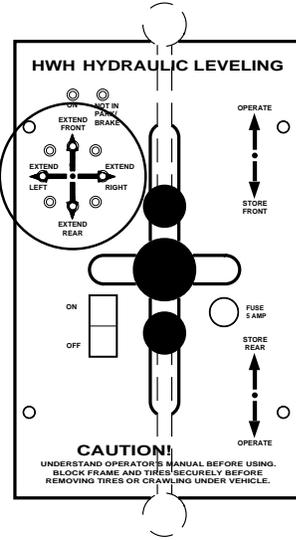


200 SERIES - USES SEPARATE LIGHT PANEL

QUICK REFERENCE LEVELING SYSTEM IDENTIFICATION MOTORIZED VEHICLES

MANUAL LEVER CONTROLLED LEVELING SYSTEMS (CONTINUED)

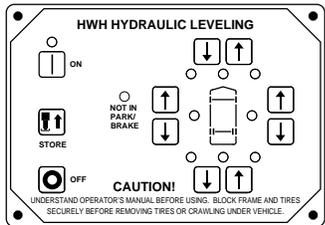
- 210/225 SERIES** - Single joystick control for all four jacks
- One front and one rear store lever
- Valve bezel plate has a cross slot
- Indicator lights are on the valve bezel plate
- 210 has mercury style level sensor
- 225 has electronic level sensor



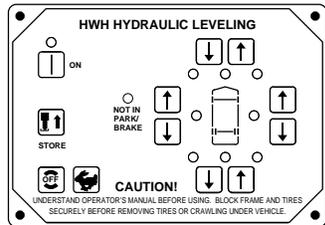
**210/225 SERIES - USE
INTEGRATED LIGHT PANEL**

MANUAL TOUCH PANEL CONTROLLED LEVELING SYSTEMS

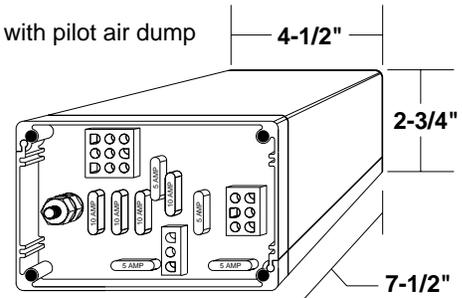
- 310 SERIES (1995 - 2003)** - Touch panel heading is "HWH HYDRAULIC LEVELING"
- Control Box is 2-3/4" x 4-1/4" x 7-1/2"
- Touch panel with a rabbit at the bottom is for vehicles with pilot air dump



TOUCH PANEL - NO DUMP



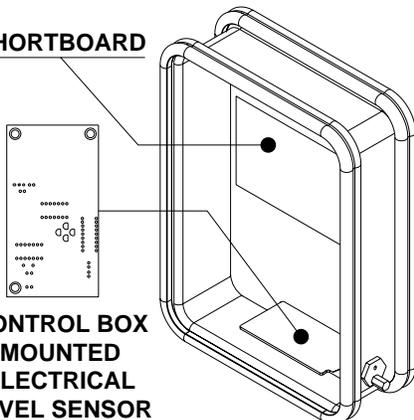
TOUCH PANEL - WITH DUMP



**310 SERIES
CONTROL BOX**

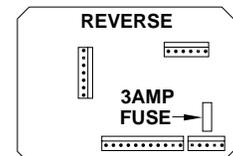
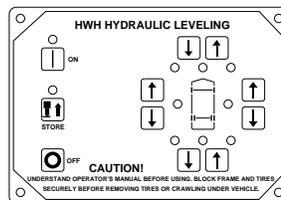
- 325 SHORTBOARD SERIES (2003 - 2004)** - Touch panel heading is "HWH HYDRAULIC LEVELING"
- Touch panel does NOT have "NOT IN PARK/BRAKE" indicator light
- Touch panel has four connectors and one 3 amp fuse on the back
- Control Box has 8" x 11" clear plastic cover

SHORTBOARD



**CONTROL BOX
MOUNTED
ELECTRICAL
LEVEL SENSOR**

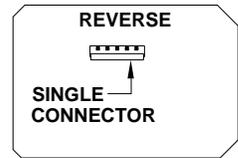
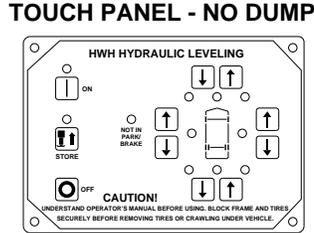
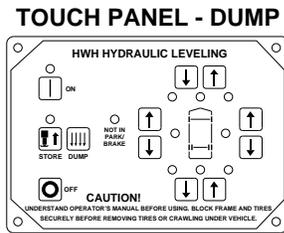
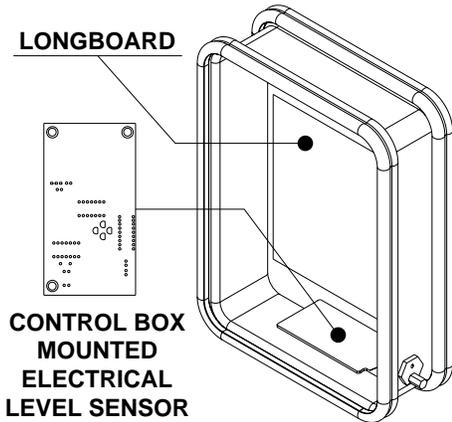
TOUCH PANEL - DUMP OR NO DUMP



QUICK REFERENCE LEVELING SYSTEM IDENTIFICATION MOTORIZED VEHICLES

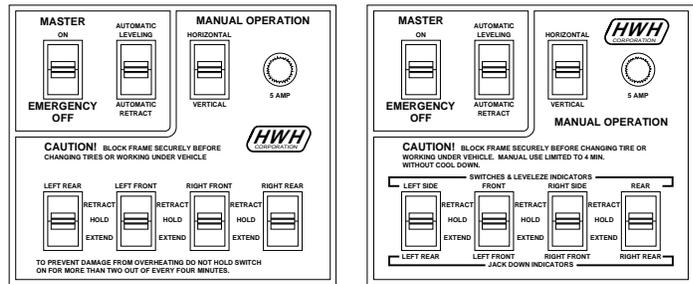
MANUAL TOUCH PANEL CONTROLLED LEVELING SYSTEMS (CONTINUED)

325 LONGBOARD SERIES (2003 - PRESENT) - Touch panel heading is "HWH HYDRAULIC LEVELING"
 Touch panel has a "NOT IN PARK/BRAKE" indicator light
 Touch panel has one five pin connector on the back
 Control Box has 8" x 11" clear plastic cover



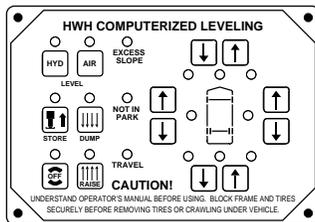
AUTOMATIC "COMPUTERIZED" LEVELING SYSTEMS

400 SERIES - Panel is equipped with paddle switches
 Panel is available in standard or BI-Axis
 Some panels may be labeled A&E
 400 Series looks like no other HWH system

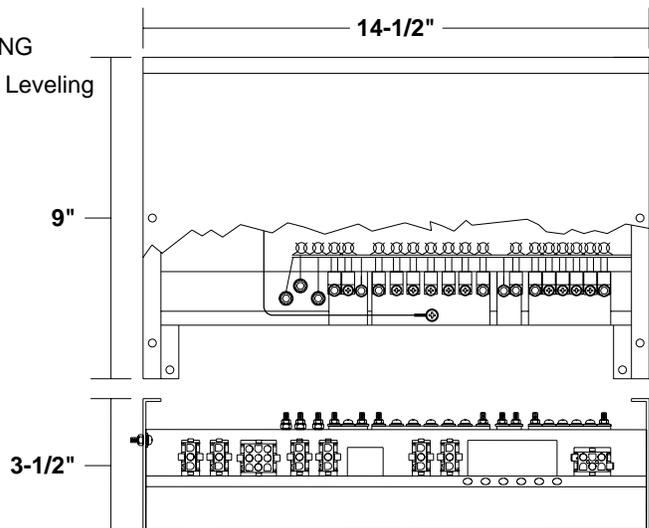
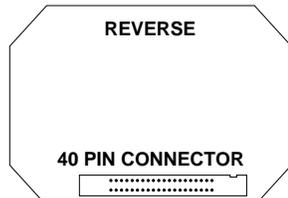


1985 - 1992

500 SERIES - Panel heading is HWH COMPUTERIZED LEVELING
 Used for Air Leveling or combination Air/Hydraulic Leveling
 Connecting cable between the control box and Touch Panel is a 2" wide, flat, 40 pin ribbon cable
 Control box is 3-1/2" x 9" x 14-1/2"



1988 - 1993



GLASS OR BLADE STYLE FUSES MAY BE FOUND IN A 500 SERIES CONTROL BOX

QUICK REFERENCE LEVELING SYSTEM IDENTIFICATION MOTORIZED VEHICLES

AUTOMATIC "COMPUTERIZED" LEVELING SYSTEMS (CONTINUED)

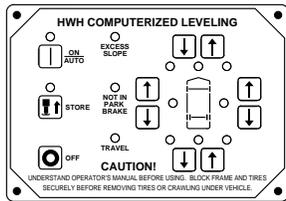
510 SERIES - Panel heading is HWH COMPUTERIZED LEVELING

Hydraulic leveling systems only

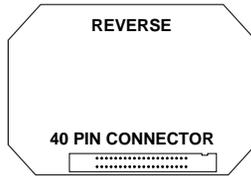
Control Box is 2-3/4" x 4-1/4" x 6-1/2"

Connecting cable between the Control Box and Touch Panel was a 2" wide, flat, 40 pin ribbon cable (early models) or a 3/8" wide flat 8 wire ribbon cable

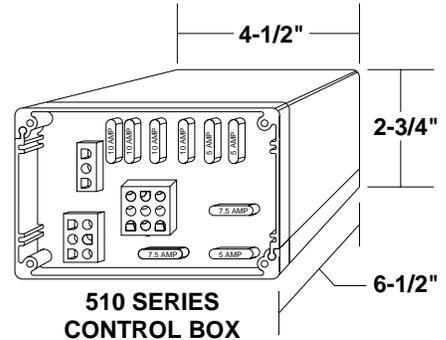
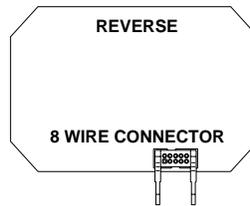
The hydraulic pump and manifold are separate units connected with a high pressure hose and return line



1990 1/2 - 1993



OR

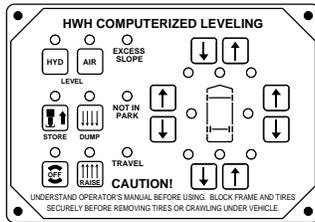


600 SERIES - Panel heading is HWH COMPUTERIZED LEVELING

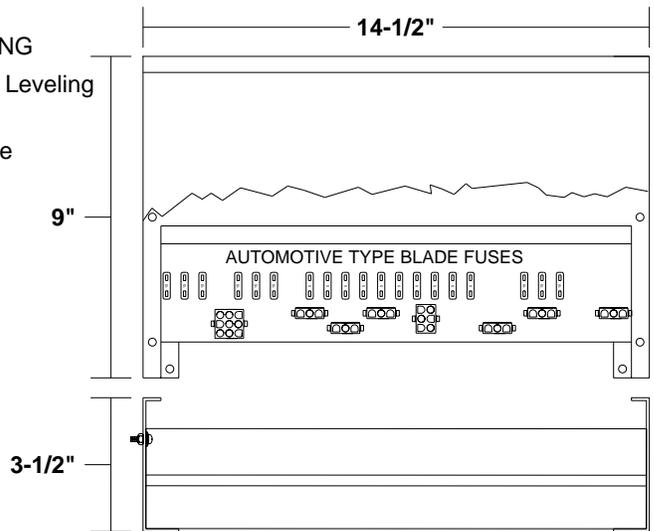
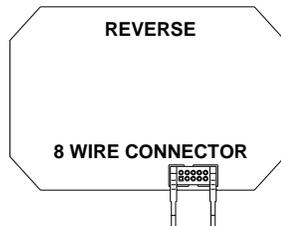
Used for Air Leveling or combination Air/Hydraulic Leveling

Connecting cable between the control box and Touch Panel is a 3/8" wide, flat, 8 wire ribbon cable

Control box is 3-1/2" x 9" x 14-1/2"



1988 - 1993



**ONLY BLADE STYLE FUSES WILL
BE FOUND IN A 600 SERIES CONTROL BOX**

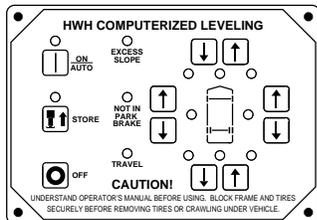
610 SERIES - Panel heading is HWH COMPUTERIZED LEVELING

Control Box is 2-3/4" x 4-1/2" x 6-1/2"

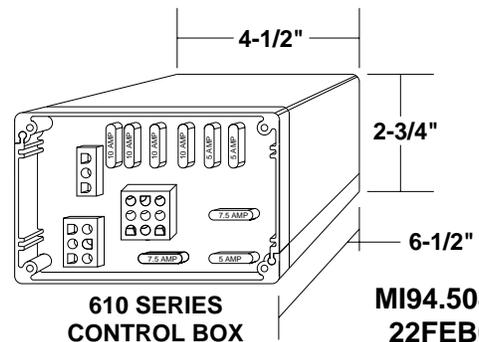
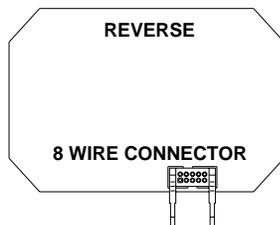
Connecting cable between the Control Box and Touch Panel is a 3/8" wide flat 8 wire ribbon cable

The warning switch harness at each jack has one plug only. It may be a one wire or two wire connector

The pump and manifold are one assembly



1992 - 1993



**610 SERIES
CONTROL BOX**

**MI94.5087
22FEB07**

QUICK REFERENCE

LEVELING SYSTEM IDENTIFICATION

MOTORIZED VEHICLES

AUTOMATIC "COMPUTERIZED" LEVELING SYSTEMS (CONTINUED)

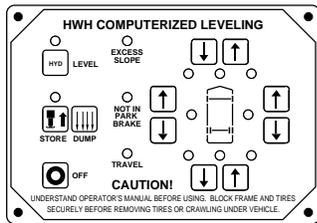
610 CENTRAL GROUND SERIES - Panel heading is HWH COMPUTERIZED LEVELING

Control Box is 2-3/4" x 4-1/2" x 7-1/2"

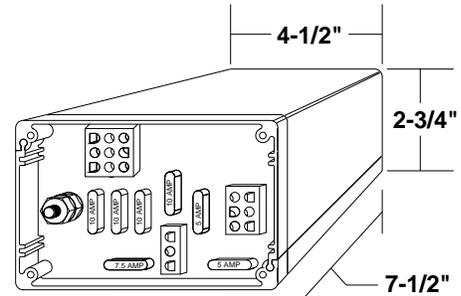
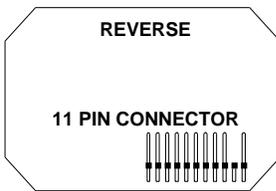
Connecting cable between the Control Box and Touch Panel is a 11 pin cable assembly

The warning switch harness at each jack has two plugs. One single wire and one two wire connector

The pump and manifold are one assembly



1993 - 2003



610 CENTRAL GROUND SERIES CONTROL BOX

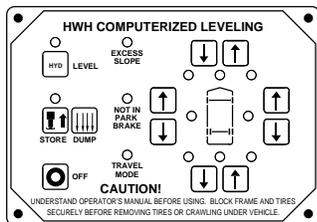
625 SERIES - Panel heading is HWH COMPUTERIZED LEVELING

Control Box has an 8" x 11" clear plastic cover and is mounted to the pump tray

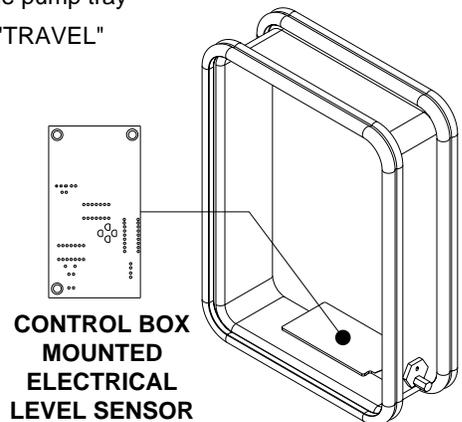
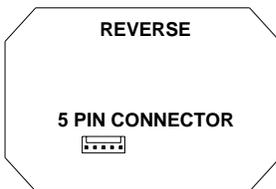
Lower middle green indicator light is labeled "TRAVEL MODE" not "TRAVEL"

The jack warning switch plugs are gray

Used for hydraulic leveling only



2003 - PRESENT



CONTROL BOX MOUNTED ELECTRICAL LEVEL SENSOR

625S SERIES - Panel heading is HWH COMPUTERIZED LEVELING

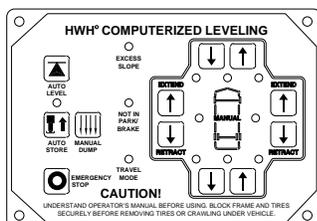
Control Box has an 8" x 11" clear plastic cover and is mounted to the pump tray

Lower middle green indicator light is labeled "TRAVEL MODE" not "TRAVEL"

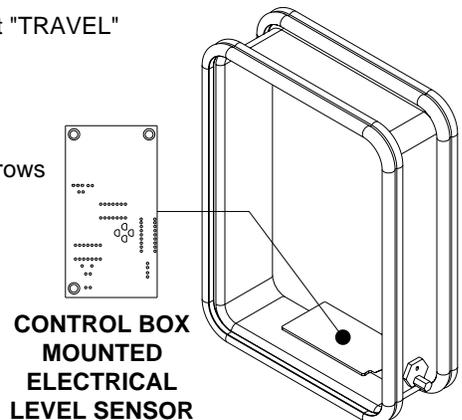
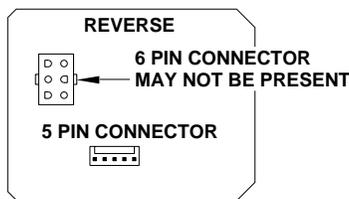
The jack warning switch plugs are gray

Used for hydraulic leveling only

Touch Panel has an outline around the manual UP and DOWN arrows



2006

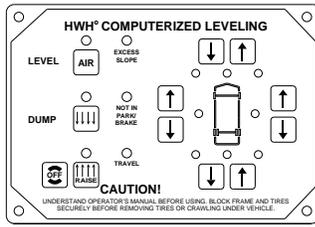


CONTROL BOX MOUNTED ELECTRICAL LEVEL SENSOR

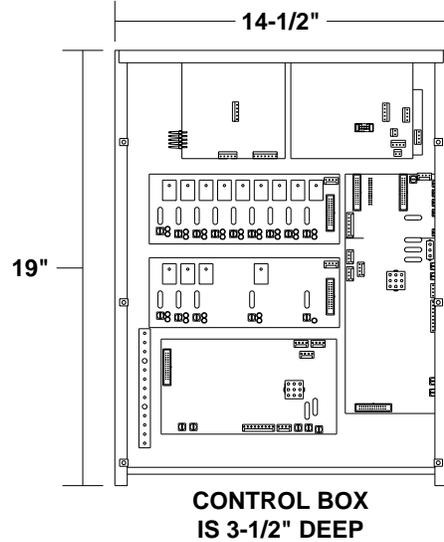
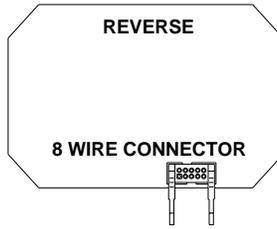
QUICK REFERENCE LEVELING SYSTEM IDENTIFICATION MOTORIZED VEHICLES

AUTOMATIC "COMPUTERIZED" LEVELING SYSTEMS (CONTINUED)

680 SERIES - Panel heading is HWH COMPUTERIZED LEVELING
 Used for Air Leveling or combination Air/Hydraulic Leveling
 Connecting cable between the control box and
 Touch Panel is a 2/8" wide, flat, 8 wire ribbon cable
 Control box is 3-1/2" x 14-1/2" x 19"



1997 - 2002



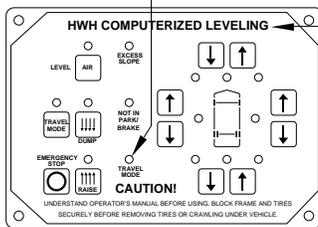
2000 SERIES - The 2000 series system is a CAN system
 Each system has a Central Control Module
 Most systems have more than one module
 The Modules can have 1, 2 or 3 rings
 The Modules have an 8" x 11" clear plastic cover

Use for Air Leveling or combination Air/Hydraulic Leveling

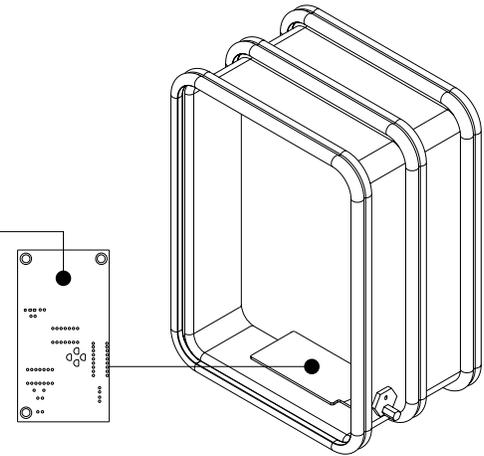
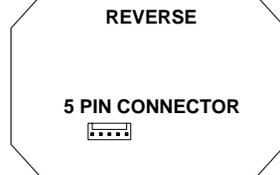
Control box mounted electrical level sensor
 Not all 2000 series modules will have a sensing unit.

Panel heading is HWH COMPUTERIZED LEVELING

The lower middle green indicator light is labeled
 "TRAVEL MODE" not "TRAVEL".



2001 - PRESENT



TWO RING MODULE