

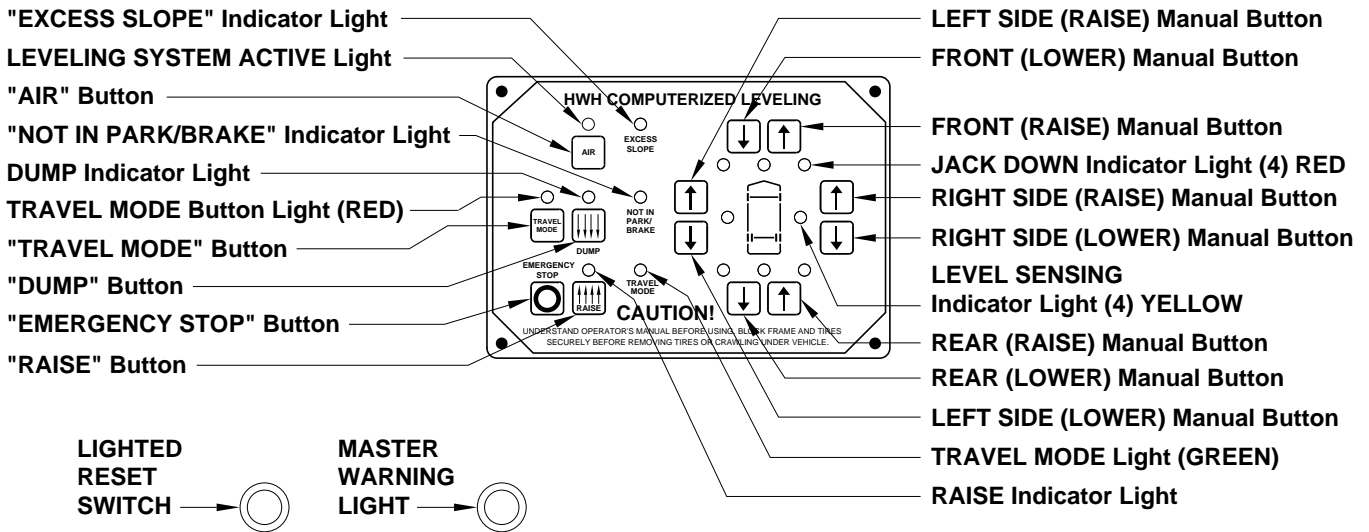
# FINAL CHECK OUT

## HWH COMPUTERIZED 2000 AIR LEVELING SYSTEM

MANUFACTURER \_\_\_\_\_ TYPE \_\_\_\_\_ DATE \_\_\_\_\_

VEHICLE ID# \_\_\_\_\_ INSPECTOR \_\_\_\_\_

**CAUTION:** DO NOT OPERATE THIS SYSTEM UNLESS FULLY INSTRUCTED ON SYSTEM SAFETY PROCEDURES.



**NOTE:** WHEN CALLED FOR, "VISUALLY" CHECK THAT AIR BAGS ARE COMPLETELY DEFLATED OR HAVE INFLATED.

OK      REWORK

**1. POWER CONNECTION:**

SET PARK BRAKE. WITH THE IGNITION SWITCH OFF, PRESS THE "AIR" BUTTON. NO LIGHTS ON THE PANEL SHOULD BE LIT. TURN IGNITION SWITCH ON, PRESS "AIR" BUTTON. LEVELING SYSTEM ACTIVE LIGHT SHOULD COME ON. TURN IGNITION SWITCH OFF. LEVELING SYSTEM ACTIVE LIGHT SHOULD REMAIN ON. [COMMENTS]



**2. "TRAVEL MODE" BUTTON CHECK:**

WITH THE ENGINE RUNNING AND THE LEVELING SYSTEM ACTIVE LIGHT ON PUSH THE "TRAVEL MODE" BUTTON. THE "TRAVEL MODE" BUTTON LIGHT (RED) SHOULD FLASH THREE TIMES AND GO OUT. THE LEVELING SYSTEM ACTIVE LIGHT SHOULD GO OUT. THE SUSPENSION SHOULD GO TO TRAVEL HEIGHT. CHECK THAT THERE ARE NO DEFLATED AIR BAGS. [COMMENTS]

**3. "NOT IN PARK/BRAKE" CHECK:**

WITH THE IGNITION AND THE LEVELING SYSTEM ACTIVE LIGHT ON, RELEASE THE PARKING BRAKE. THE LEVELING SYSTEM ACTIVE LIGHT SHOULD GO OUT. PUSH THE "AIR" BUTTON THE NOT IN PARK/BRAKE INDICATOR LIGHT SHOULD BE ON WHILE PUSHING THE "AIR" BUTTON. RESET THE PARKING BRAKE. PUSH THE "AIR" BUTTON. THE LEVELING SYSTEM ACTIVE LIGHT SHOULD COME ON, THE "NOT IN PARK/BRAKE LIGHT SHOULD NOT BE ON. [COMMENTS]



**4. MASTER WARNING LIGHT CHECK:**

WITH THE IGNITION AND THE LEVELING SYSTEM ACTIVE LIGHT ON, THE MASTER WARNING LIGHT SHOULD BE ON. THE MASTER WARNING LIGHT SHOULD BE ON ANY TIME THE "TRAVEL MODE" LIGHT IS OFF IF THE IGNITION IS ON. [COMMENTS]



**5. LIGHTED RESET SWITCH:**

WITH THE IGNITION AND THE LEVELING SYSTEM ACTIVE LIGHT ON PUSH THE LIGHTED RESET SWITCH. THE RESET SWITCH LIGHT SHOULD BE ON WHILE THE SWITCH IS BEING PUSHED. THE LEVELING SYSTEM ACTIVE LIGHT SHOULD GO OFF. RELEASE THE RESET SWITCH. PUSH THE "AIR" BUTTON. THE LEVELING SYSTEM ACTIVE LIGHT SHOULD COME ON. [COMMENTS]



**6. (RIGHT SIDE) MANUAL SYSTEM OPERATION AND AIR BAG PRESSURE SWITCH CHECK:**

CHECK THAT ALL AIR BAGS ARE INFLATED. WITH THE ENGINE RUNNING AND THE PARK BRAKE SET, PUSH THE AIR BUTTON ONE TIME. PUSH THE RIGHT SIDE DOWN ARROW (LOWER) MANUAL BUTTON. HOLD THE BUTTON UNTIL ALL AIR IS EXHAUSTED FROM THE RIGHT SIDE AIR BAGS. CHECK THAT ONLY THE RIGHT SIDE AIR BAGS ARE COMPLETELY DEFLATED. PUSH THE FRONT DOWN ARROW (LOWER) MANUAL BUTTON. NOTHING SHOULD HAPPEN. PUSH THE REAR DOWN ARROW (LOWER) MANUAL BUTTON. NOTHING SHOULD HAPPEN. PUSH AND HOLD THE RIGHT SIDE UP ARROW (RAISE) MANUAL BUTTON UNTIL ALL RIGHT SIDE BAGS ARE INFLATED. [COMMENTS]



**7. (LEFT SIDE) MANUAL SYSTEM OPERATION AND AIR BAG PRESSURE SWITCH CHECK:**

CHECK THAT ALL AIR BAGS ARE INFLATED. WITH THE ENGINE RUNNING AND THE PARK BRAKE SET, PUSH THE AIR BUTTON ONE TIME. PUSH THE LEFT SIDE DOWN ARROW (LOWER) MANUAL BUTTON. HOLD THE BUTTON UNTIL ALL AIR IS EXHAUSTED FROM THE LEFT SIDE AIR BAGS. CHECK THAT ONLY THE LEFT SIDE AIR BAGS ARE COMPLETELY DEFLATED. PUSH THE FRONT DOWN ARROW (LOWER) MANUAL BUTTON. NOTHING SHOULD HAPPEN. PUSH THE REAR DOWN ARROW (LOWER) MANUAL BUTTON. NOTHING SHOULD HAPPEN. PUSH AND HOLD THE LEFT SIDE UP ARROW (RAISE) MANUAL BUTTON UNTIL ALL LEFT SIDE BAGS ARE INFLATED. [COMMENTS]

**8. FRONT, REAR AND DUMP BUTTON MANUAL SYSTEM OPERATION CHECK:**

WITH THE ENGINE RUNNING AND THE PARK BRAKE SET, PUSH AND HOLD THE "DUMP" BUTTON UNTIL ALL OF THE AIR IS EXHAUSTED FROM THE SUSPENSION. CHECK THAT ALL AIR BAGS ARE COMPLETELY DEFLATED. PUSH AND HOLD THE FRONT UP ARROW (RAISE) MANUAL BUTTON. ONLY THE FRONT AIR BAGS SHOULD INFLATE. PUSH AND HOLD THE REAR UP ARROW (RAISE) MANUAL BUTTON. ALL THE REAR AIR BAGS SHOULD INFLATE. [COMMENTS]



**9. "RAISE" BUTTON CHECK:**

WITH THE ENGINE RUNNING AND THE PARK BRAKE SET, PUSH AND HOLD THE "DUMP" BUTTON UNTIL ALL OF THE AIR IS EXHAUSTED FROM THE SUSPENSION. CHECK THAT ALL AIR BAGS ARE COMPLETELY DEFLATED. PUSH AND HOLD THE "RAISE" BUTTON FOR 10 SECONDS. CHECK THAT ALL AIR BAGS HAVE INFLATED. [COMMENTS]



**10. "TRAVEL MODE" LIGHT (GREEN) CHECK:**

CHECK THAT ALL AIR BAGS ARE INFLATED. WITH THE ENGINE RUNNING AND THE PARK BRAKE SET, CHECK THAT THE COACH AIR PRESSURE GAUGES REGISTER AT LEAST 100 P.S.I. PUSH AND HOLD THE "DUMP" BUTTON UNTIL ALL AIR IS EXHAUSTED FROM THE SUSPENSION. CHECK THAT ALL AIR BAGS ARE COMPLETELY DEFLATED. THE "TRAVEL MODE" LIGHT (GREEN) SHOULD BE OFF. PUSH THE "TRAVEL MODE" BUTTON. THE "TRAVEL MODE" BUTTON LIGHT (RED) SHOULD FLASH THREE TIMES. ALL AIR BAGS SHOULD RE-INFLATE. THE VEHICLE SUSPENSION SHOULD RETURN TO RIDE HEIGHT. THE "TRAVEL MODE" LIGHT (GREEN) SHOULD BE ON. [COMMENTS]



**11. SYSTEM AIR PRESSURE SWITCH CHECK:**

WITH THE ENGINE RUNNING AND THE PARK BRAKE SET, MAKE SURE THE SYSTEM AIR IS TO FULL PRESSURE, AT LEAST 120 P.S.I. PUSH THE "TRAVEL MODE" BUTTON AND MAKE SURE THE "TRAVEL MODE" LIGHT (GREEN) IS ON. PUMP THE BRAKE PEDAL UNTIL THE SYSTEM AIR PRESSURE IS BELLOW 75 P.S.I. THE "TRAVEL MODE" LIGHT (GREEN) SHOULD GO OUT AND THE "MASTER WARNING" LIGHT SHOULD COME ON. ALLOW AIR PRESSURE TO BUILD TO ABOVE 90 P.S.I. THE "MASTER WARNING" LIGHT SHOULD GO OUT. THE "TRAVEL MODE" LIGHT (GREEN) SHOULD COME ON. [COMMENTS]



**12. SENSING UNIT CHECK:**

USE THE MANUAL UP AND DOWN ARROWS TO LEVEL THE COACH USING A TWO FOOT LEVEL IN THE MIDDLE OF THE COACH FLOOR. WITH THE SYSTEM ON CHECK THAT NO YELLOW LEVEL SENSING LIGHTS ARE ON. ADJUST AS NECESSARY.

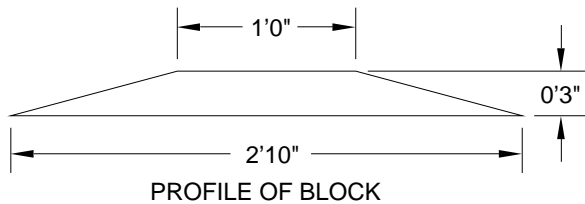
**13. AUTOMATIC AIR LEVELING CHECK:**

DRIVE FORWARD UNTIL THE PASSENGER SIDE FRONT TIRE IS ATOP RAMP 1 AS SHOWN IN THE DIAGRAM BELLOW. ONLY ONE WHEEL SHOULD BE RAMPED AT A TIME. DO THE FOLLOWING TEST WITH THE ENGINE RUNNING AND THE PARK BRAKE SET. PUSH THE "AIR" BUTTON TWO TIMES TO START AUTOMATIC LEVELING. THE SYSTEM ACTIVE LIGHT WILL FLASH DURING AUTO LEVELING. AS THE LAST YELLOW LEVEL LIGHT GOES OUT THE SYSTEM ACTIVE LIGHT WILL PULSATE DIMLY. WHEN LEVEL IS ACHIEVED AT RAMP 1 PULL FORWARD AND REPEAT THE AUTO AIR LEVELING PROCEDURES WITH ONE WHEEL ONLY ATOP EACH OF THE RAMPS 2 (DRIVER SIDE FRONT), 3 (PASSENGER SIDE REAR), AND 4 (DRIVER SIDE REAR). ALLOW COACH TO RETURN TO CORRECT RIDE HEIGHT BEFORE EACH LEVELING PROCEDURE. **[COMMENTS]**



**14. TAG DUMP CHECK (IF APPLICABLE):**

WITH THE ENGINE RUNNING, THE PARK BRAKE SET AND THE COACH AT RIDE HEIGHT, PUT THE TAG DUMP (LIFT) SWITCH IN THE DUMP (LIFT) POSITION. CHECK THAT ONLY THE TAG AIR BAGS ARE DEFLATED. PUT THE TAG DUMP (LIFT) SWITCH IN THE TRAVEL POSITION. THE TAG AIR BAGS SHOULD RE-INFLATE.

**NOTE: THE FOLLOWING DIAGRAM MAY NOT WORK FOR ALL COACHES. MOVE RAMP LOCATIONS AS NECESSARY TO ACCOMMODATE COACHES WITH DIFFERENT WHEEL BASES.**

