

PERFORMANCE CHECK LIST

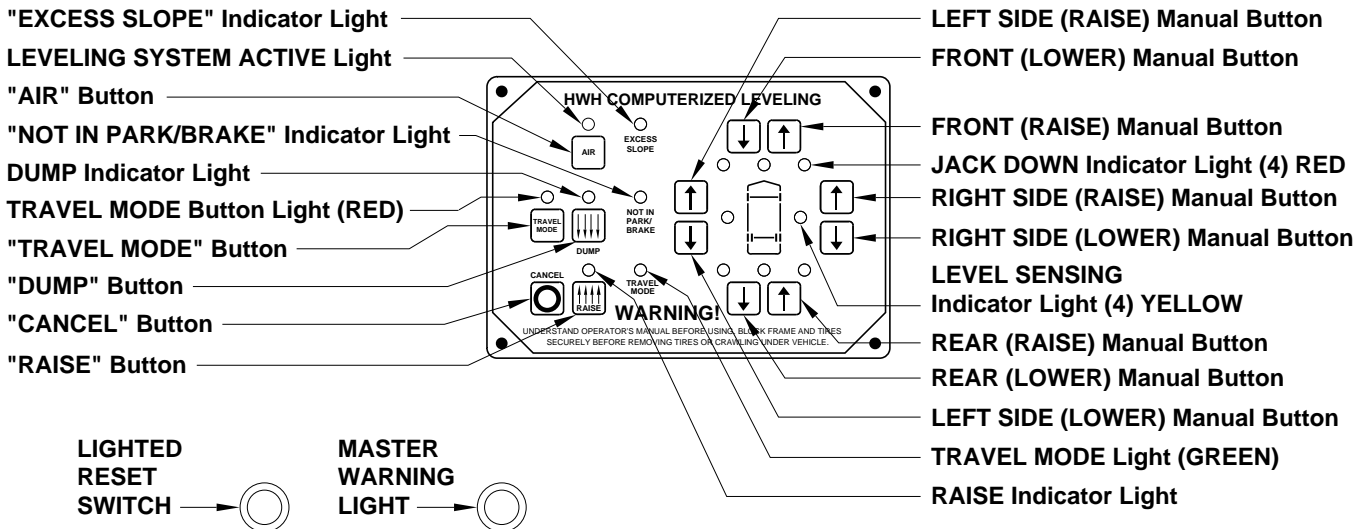
2000 SERIES, COMPUTER-CONTROLLED AIR LEVELING SYSTEM

SINGLE-STEP AIR LEVELING

MANUFACTURER _____ TYPE _____ DATE _____

VEHICLE ID# _____ INSPECTOR _____

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



NOTE: WHEN CHECKING THAT AIR BAGS ARE COMPLETELY DEFLATED OR INFLATED, IS CALLED FOR, VISUALLY, OR IF NECESSARY, PHYSICALLY CHECK THE AIR BAGS.

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. THE LEVELING SYSTEM ACTIVE LIGHT SHOULD START FLASHING. TURN IGNITION SWITCH OFF. LEVELING SYSTEM ACTIVE LIGHT SHOULD CONTINUE FLASHING. PUSH THE "CANCEL" BUTTON. THE LEVELING SYSTEM ACTIVE LIGHT SHOULD GO OUT. **[COMMENTS]**

2. "TRAVEL MODE" BUTTON CHECK:

WITH THE ENGINE RUNNING PUSH THE "TRAVEL MODE" BUTTON. THE "TRAVEL MODE" BUTTON. THE "TRAVEL MODE" BUTTON LIGHT (RED) SHOULD FLASH THREE TIMES AND 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 ON, RELEASE THE PARKING BRAKE. PUSH ANY UP ARROW BUTTON. THE NOT IN PARK/BRAKE INDICATOR LIGHT SHOULD BE ON WHILE PUSHING ANY UP ARROW BUTTON. RESET THE PARKING BRAKE. PUSH ANY UP ARROW BUTTON. THE "NOT IN PARK/BRAKE LIGHT SHOULD NOT BE ON. **WARNING: CHOCK THE WHEELS SO THE COACH CAN NOT ROLL WHEN THE PARK BRAKE IS RELEASED. [COMMENTS]**

4. MASTER WARNING LIGHT CHECK:

WITH THE IGNITION ON PUSH THE "AIR" BUTTON. THE LEVELING SYSTEM ACTIVE LIGHT WILL FLASH. THE MASTER WARNING LIGHT SHOULD BE ON. PUSH THE "CANCEL" BUTTON. 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 ON PUSH THE "AIR" BUTTON. THE LEVELING SYSTEM ACTIVE LIGHT WILL FLASH. 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 START FLASHING. PUSH THE CANCEL BUTTON. **[COMMENTS]**

6. (RIGHT SIDE) MANUAL SYSTEM OPERATION CHECK:

CHECK THAT ALL AIR BAGS ARE INFLATED. START THE ENGINE AND MAKE SURE THE PARK BRAKE IS SET. PUSH THE RIGHT SIDE DOWN ARROW (LOWER) MANUAL BUTTON. HOLD THE BUTTON UNTIL ALL AIR IS EXHAUSTED FROM THE RIGHT SIDE AIR BAGS INCLUDING THE RIGHT SIDE TAG AXLE AIR BAGS IF APPLICABLE. CHECK THAT ONLY THE RIGHT SIDE AIR BAGS ARE COMPLETELY DEFLATED. PUSH AND HOLD THE RIGHT SIDE UP ARROW (RAISE) MANUAL BUTTON UNTIL ALL RIGHT SIDE BAGS ARE INFLATED. CHECK THAT THE RIGHT SIDE BAGS HAVE INFLATED. **[COMMENTS]**

7. (LEFT SIDE) MANUAL SYSTEM OPERATION:

CHECK THAT ALL AIR BAGS ARE INFLATED. START THE ENGINE AND MAKE SURE THE PARK BRAKE IS SET. PUSH THE LEFT SIDE DOWN ARROW (LOWER) MANUAL BUTTON. HOLD THE BUTTON UNTIL ALL AIR IS EXHAUSTED FROM THE LEFT SIDE AIR BAGS INCLUDING THE LEFT SIDE TAG AXLE AIR BAGS IF APPLICABLE. CHECK THAT ONLY THE LEFT SIDE AIR BAGS ARE COMPLETELY DEFLATED. PUSH AND HOLD THE LEFT SIDE UP ARROW (RAISE) MANUAL BUTTON UNTIL ALL LEFT SIDE BAGS ARE INFLATED. CHECK THAT THE LEFT SIDE BAGS HAVE INFLATED. **[COMMENTS]**

8. (FRONT END) MANUAL SYSTEM OPERATION:

CHECK THAT ALL AIR BAGS ARE INFLATED. START THE ENGINE AND MAKE SURE THE PARK BRAKE IS SET. PUSH THE FRONT END DOWN ARROW (LOWER) MANUAL BUTTON. HOLD THE BUTTON UNTIL ALL AIR IS EXHAUSTED FROM THE FRONT END AIR BAGS. CHECK THAT ONLY THE FRONT END AIR BAGS ARE COMPLETELY DEFLATED. PUSH AND HOLD THE FRONT END UP ARROW (RAISE) MANUAL BUTTON UNTIL ALL FRONT END BAGS ARE INFLATED. CHECK THAT THE FRONT END BAGS HAVE INFLATED. **[COMMENTS]**

9. (REAR) MANUAL SYSTEM OPERATION:

CHECK THAT ALL AIR BAGS ARE INFLATED. START THE ENGINE AND MAKE SURE THE PARK BRAKE IS SET. PUSH THE REAR DOWN ARROW (LOWER) MANUAL BUTTON. HOLD THE BUTTON UNTIL ALL AIR IS EXHAUSTED FROM ALL REAR AIR BAGS INCLUDING TAG AXLE AIR BAGS IF APPLICABLE. CHECK THAT ONLY THE REAR AIR BAGS ARE COMPLETELY DEFLATED. PUSH AND HOLD THE REAR UP ARROW (RAISE) MANUAL BUTTON UNTIL ALL REAR BAGS ARE INFLATED. CHECK THAT THE REAR BAGS HAVE INFLATED. **[COMMENTS]**

10. "DUMP" BUTTON OPERATION CHECK:

WITH THE ENGINE RUNNING AND THE PARK BRAKE SET, PUSH THE "DUMP" BUTTON. ALL OF THE AIR SHOULD EXHAUST FROM THE SUSPENSION AIR BAGS. CHECK THAT ALL AIR BAGS ARE COMPLETELY DEFLATED. PUSH 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]**

11. "RAISE" BUTTON CHECK:

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

12. "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 THE "DUMP" BUTTON. WAIT UNTIL ALL AIR IS EXHAUSTED FROM THE SUSPENSION. CHECK THAT ALL AIR BAGS ARE COMPLETELY DEFLATED. AFTER APPROXIMATELY 2 MINUTES, 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]**

13. 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 BELOW 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]**

14. SENSING UNIT CHECK:

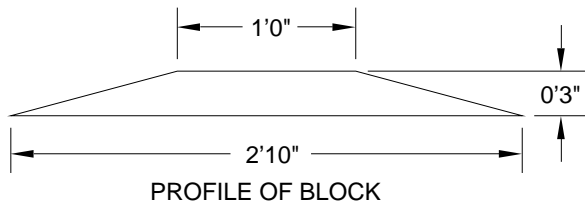
USE THE MANUAL UP AND DOWN ARROWS TO LEVEL THE COACH. MAKE THE TRIM LINE OF THE COACH LEVEL OR USE A CIRCULAR BUBBLE LEVEL PLACED IN CLOSE PROXIMITY TO THE LEVEL SENSING UNIT. WITH THE IGNITION ON AND THE PARK BRAKE SET CHECK THAT NO YELLOW LEVEL SENSING LIGHTS ARE ON. ADJUST AS NECESSARY. **[COMMENTS]**

15. 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 ONE TIME 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). CHECK LEVEL ACCURACY AFTER EACH LEVELING PROCEDURE. ALLOW COACH TO RETURN TO CORRECT RIDE HEIGHT BEFORE EACH LEVELING PROCEDURE. **NOTE: LEVELING TOLERANCE IS 3" ABOVE OR BELOW THE COACH TRIM LINE END TO END AND 3/4" ABOVE OR BELOW THE TRIM LINE SIDE TO SIDE OR AT LEAST 1/2 OF THE BUBBLE MUST BE INSIDE THE BULLS EYE. [COMMENTS]**

16. 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. **[COMMENTS]**



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

