



Instructional Addendum for Retrofitting Class A Leveling system to Upgraded Sensor Technology System

Jacks

- Remove all four jacks and replace them with new jacks W/sensor technology. Be sure to note position of jack brackets and jack when reinstalling. See Installation manual MPD 66552 (Pgs. 3, 4)

Additional Wiring

- An additional wire harness will need to be added. This is provided in the wire harness kit. It will be routed from each jack back to the control board.
- If the board is located on the Passenger side the rear driver side jack harness will be routed from the Rear D/S jack across the frame above the rear axle and vice versa if it is on the Driver side of the coach.
- It will then route with the passenger Side jack along the frame rail over the rear axle and down to the bottom of the basement storage compartments.
- Tie wrap the wires to support rail under storage boxes every 12 inches. These wires will come up through the basement near the control board. This will differ depending on the manufacturer of the unit.
- Do the same with the front jack harness. Be sure on both front and rear that the proper harness is routed to the proper jack position. (Harnesses are labeled).
 - This procedure will be reversed if the board is located on the passenger's side.

Remove old control board

- Locate the position of the old control board
- Disconnect all the wires and label each wire position. (front driver jack, front passenger Etc.)
- When removing positive battery cable from board be sure to tape off the end to avoid it grounding out.
- Remove old board. Discard brackets.

Installing new control board

- Locate the dip switches on control board and see Installation manual for position setting. (Page 5-7 of MPD66552)
- Secure new control board in the same place as old board, but without brackets.
- Make sure that label is facing down and arrow on label is pointing toward the front of the unit. (See MPD 66552 Page 7).

Connecting Pig tails to existing wire harnesses

- Locate the pig tails in wire harness kit and identify each pig tail for each existing harness. All pig tails are marked with their function. Be sure when connecting the jack pig tails that each position is correct and that the polarity is correct. See Installation manual.(Page 9-11 MPD 66552)
- Plug in all the pig tails and battery cables making sure to plug the proper jack into the proper position on board and the positive and negative to the proper position. The 6 pin square connector will be plugged in last after next step.

Installing Key Pad

- Locate where the key pad is at and remove four mounting screws.
- Cut off old connector and connect the key pad pig tail located in wire harness kit.
- Reinstall key pad.

Programming

- See installation manual for programming procedure. (Page 13-17MPD 66552)