



T.I.P. Troubleshooting Information on Power Gear

INSTALLATION OF "B" CONTROL KIT PART NUMBERS 500659S & 500660S

CAUTION NOTES:

1. Do not "plug in" any connector to the electronic control panel while "power" is on. Turn key to "off" position.
2. Do not allow the electronic control panel to touch any metal or screws during insertion into dashboard mounting zone. Circuit board contact with metal may result in failure of the electronic control panel.
3. Disconnect the pump harness from the chassis harness prior to installation of the 'B' control.

REPLACEMENT FOR TOUCH PAD (PART# 500148 OR 500105) AND CONTROL BOX (PART# 500149 OR 500106)!

REMOVAL -

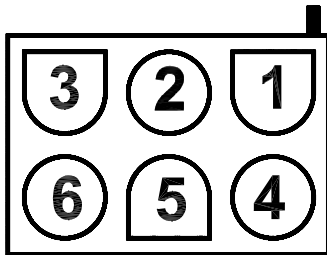
- 1) REMOVE THE FOUR SCREWS ON THE TOUCH PAD.
- 2) GENTLY MANEUVER THE TOUCH PAD OUT OF THE DASH, BEING CAREFUL NOT TO PULL EXCESSIVELY ON THE WIRING.
- 3) REMOVE THE THREE-PIN CONNECTOR FROM THE BACK OF THE TOUCH PAD.
- 4) LOCATE THE CONTROL BOX. THE CONTROL BOX SHOULD BE LOCATED APPROXIMATELY ½ WAY BACK IN A STORAGE COMPARTMENT ON THE CEILING.
- 5) REMOVE THE PROTECTIVE COVER AND YOU WILL SEE THE CONTROL BOX ATTACHED TO THE CEILING. REMOVE THE FOUR SCREWS HOLDING THE CONTROL BOX TO THE CEILING
- 6) DISCONNECT THE HARNESES FROM THE OLD CONTROL BOX.
- 7) NOTE - THE TWO-PIN HARNESS MAY OR MAY NOT BE REMOVED FROM THE COACH, WHEREAS IT WILL NOT BE NEEDED.

INSTALLATION OF THE CONTROL KIT PART NUMBERS 500617 & 500618 -

- 1) RUN THE NEW WIRING HARNESS, P/N 5017-351, FROM THE OPENING IN THE DASH TO THE CONTROL BOX. CAREFULLY ATTACH THE WIRE HARNESS, ENSURING THAT THE PINS ARE NOT BENT DURING INSTALLATION.
- 2) INSTALL THE NEW CONTROL BOX, HOOKING UP THE APPROPRIATE CONNECTORS TO THEIR RESPECTIVE RECEPTACLES. THE CONTROL BOX HAS AN ARROW THAT SHOULD BE POINTED TO THE FRONT WHEN MOUNTED. **(THE CONTROL BOX IS SENSITIVE TO DIRECTION). THE CONTROL BOX MUST BE ATTACHED TO THE STORAGE COMPARTMENT CEILING.**
- 3) REINSTALL THE CONTROL BOX PROTECTIVE COVER.
- 4) INSTALL THE NEW TOUCH PAD IN THE DASH.

- 5) **NOTE – PRE 1997, PIN THREE OF THE SIX PIN CONNECTOR NEEDS TO BE REMOVED WITH AN EXTRACTION TOOL AND PUT IN PIN ONE OF THE EIGHT PIN CONNECTOR. IF PIN THREE OF THE SIX PIN CONNECTOR IS NOT LONG ENOUGH TO RUN, THEN PUT IN A JUMPER WIRE FROM PIN ONE OF THE EIGHT PIN CONNECTOR TO CHASSIS GROUND.**

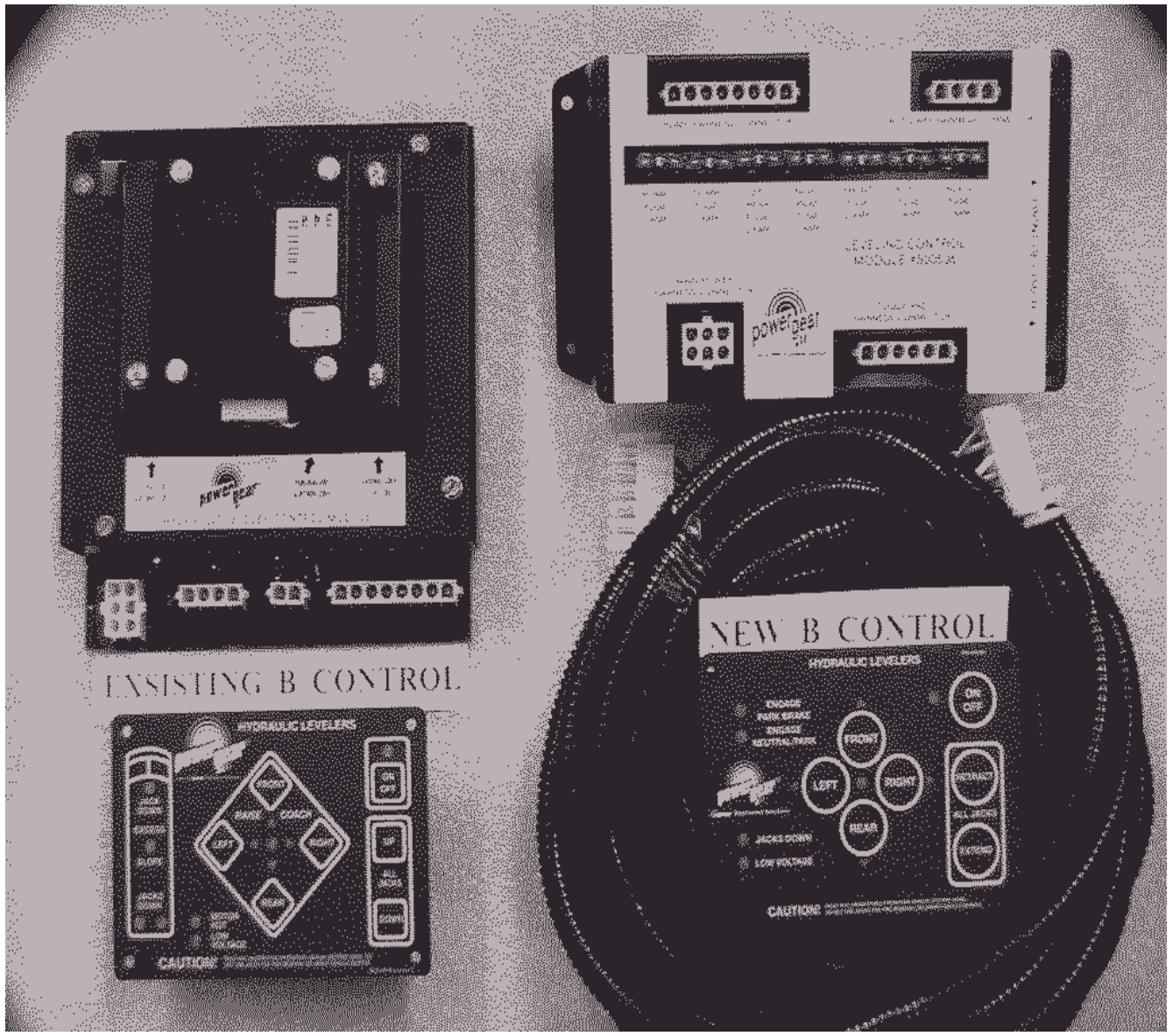
VIEW OF HARNESS CONNECTOR



CALIBRATION SEQUENCE FOR NEW CONTROLS

To calibrate the 500535 touch pad used with Control Boxes 500536 or 500645 and 500548 or 500647 is as follows:

- 1) Have the coach running or have the ignition switch in the on position.
- 2) Then get a carpenter's level or the like, and place on a level surface in the coach, e.g. the table. Then extend the jacks manually and get the coach level according to the carpenter's level.
- 3) Next, turn the touch pad off on the leveling system.
- 4) **Simultaneously HOLD DOWN THE JACKS EXTEND AND JACKS RETRACT BUTTON ON THE TOUCH PAD FOR AT LEAST 5 SECONDS. Touch pad LED's will all light for five seconds. This is to indicate that autozeroing is in process.**
- 5) Once the center LED's turn off again, this indicates that the Leveling System has been self-calibrated.
- 6) After the center LED's have turned off, shut off ignition. Then restart the coach.
- 7) Now test the leveling system for level position.





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