

BendPak Technical Service Bulletin

Power Unit Solenoid Position Adjustment

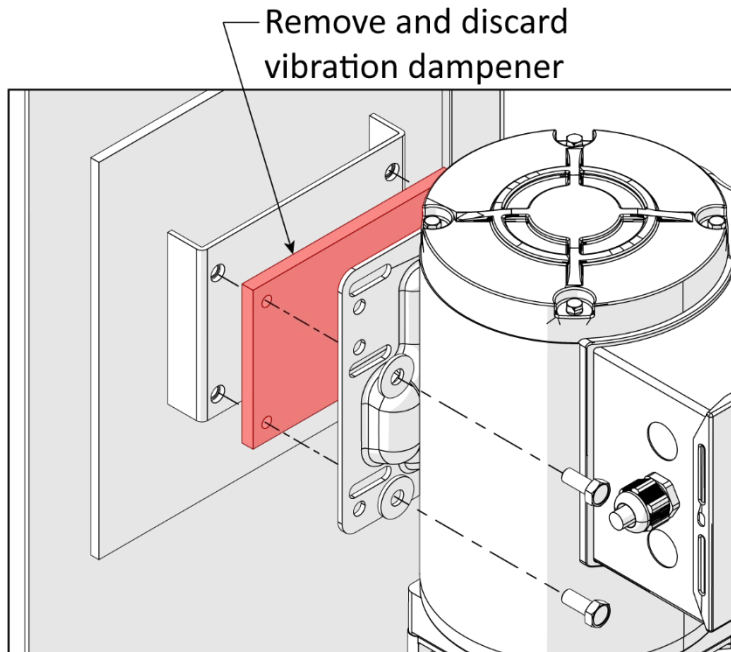
BendPak TSB 192-122025

This Technical Service Bulletin describes the field adjustment of the electrical connection positions on two solenoid valves incorporated in power unit 5585153. This power unit is commonly supplied with Autostacker and P9000 series lifts by BendPak Inc. The initial production run of this power unit included solenoid valves positioned in a manner that allows the control wiring to physically prevent the closure of the Lift console. The correction is a simple rotation of the valve's connector body and removal of the vibration dampener from the power unit mounting.

To Remove the Vibration Dampener and Rotate the Valve Connector

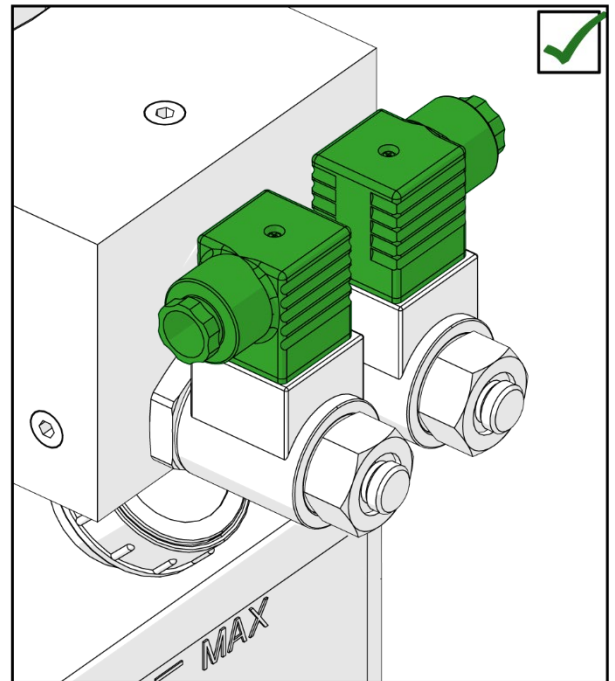
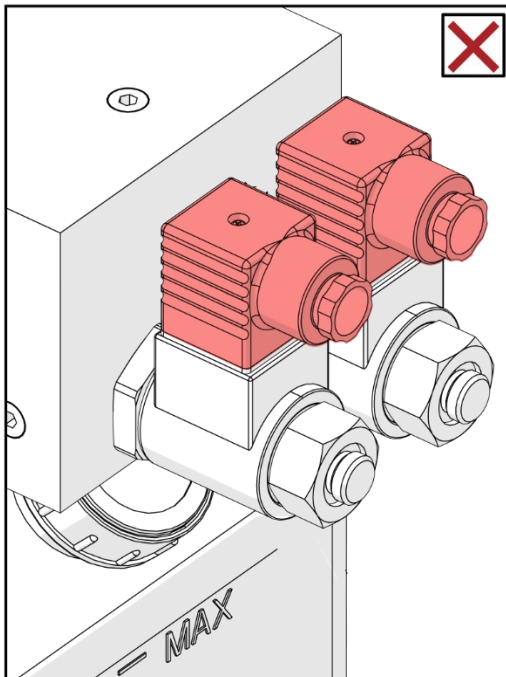
⚠ DANGER Before performing any maintenance on this Lift, verify it is completely disconnected from electrical power. This Lift uses electrical energy. If your organization has Lockout/Tagout policies, implement them before performing any maintenance. If you come into contact with high voltage, you could be injured or killed.

1. Remove the power unit from its mounting (four M8 hex bolts and flat washers).



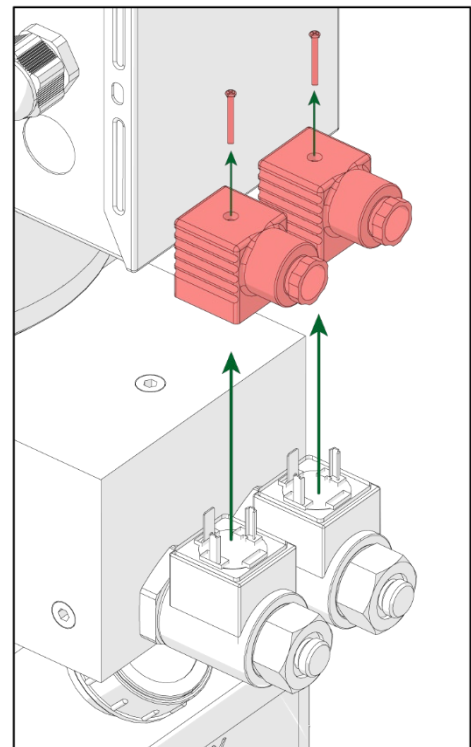
2. Remove and discard the vibration dampener.
3. Return the power unit to its mounting and secure it using the four M8 hex bolts and flat washers removed previously.

4. Locate the lift cylinder solenoid electrical connectors on the power unit. The connectors highlighted below display the connectors in their ***incorrect and correct positions***.

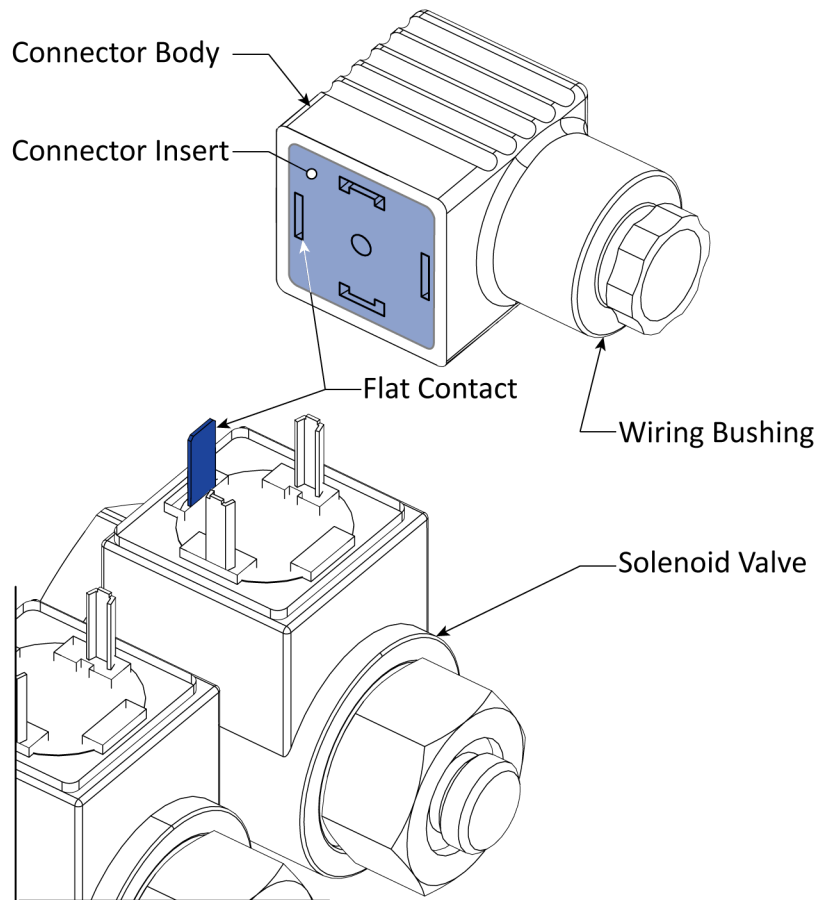


Wiring omitted for clarity.

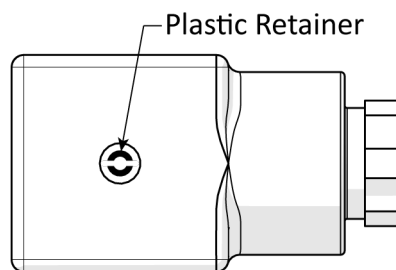
5. Locate and remove the Phillips retaining screw in the center of each connector's top face. Place the retaining screws in a safe place to prevent loss.
6. Remove the connectors from the solenoid valves.



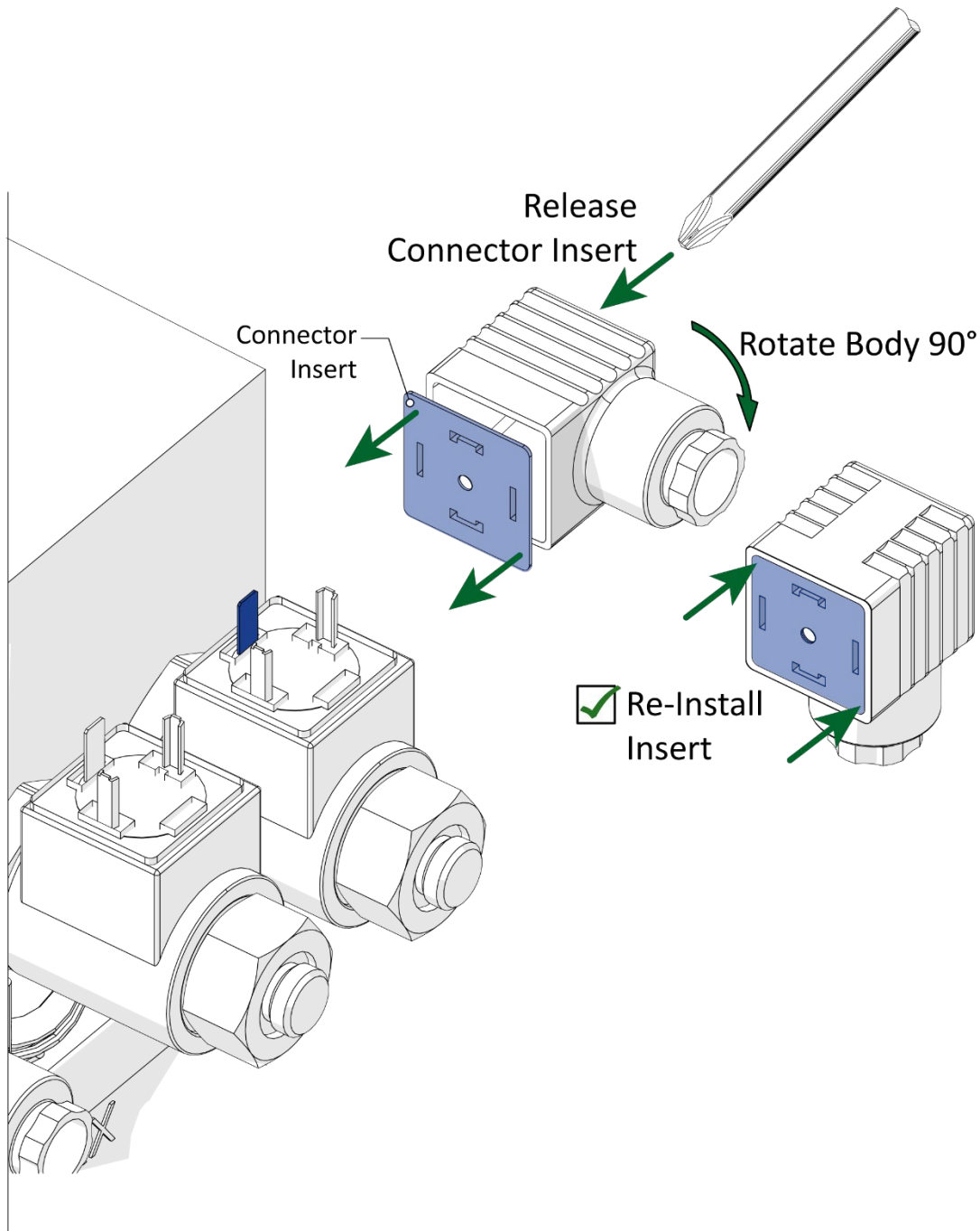
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7. Turn the connector over and examine the connector insert. Note the position of the flat contact in relation to the connector body and the wiring bushing.



8. Turn the connector to view the top side where the Phillips retaining screw had been removed and the plastic retainer will be visible in the opening. To rotate the connector body 90° in relation to the flat contact the insert must be released from the connector body.

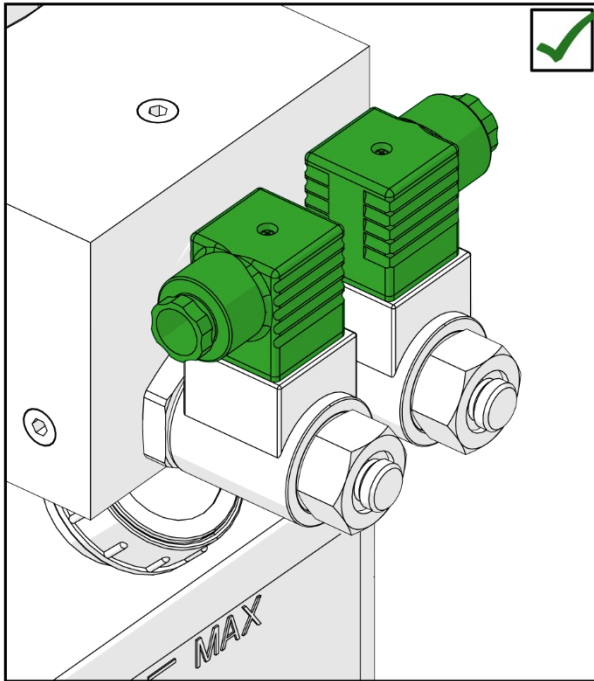


9. Use a small screwdriver to carefully push on the plastic retainer and release the connector insert. Refer to the figure below.
10. Rotate the connector body 90° *without rotating the connector insert*.
11. Re-install the insert back into the connector body as shown below. The insert should snap into place when a small amount of pressure is applied by hand. The wiring bushing should now be 90° from its previous position.



12. Repeat steps 9 through 11 on the remaining solenoid connector ***but rotate the connector body 90° in the opposite direction.***

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13. Plug the connectors back into the solenoid valves and secure with the screws removed in step 6.
 14. When complete, the solenoid wiring bushings should face away from each other as shown below.



15. Apply power to the Lift and power unit, then test for function.

If you experience difficulties with your Autostacker Parking Lift, technical support and service is available from your dealer, on the Web at bendpak.com/support, by email at support@bendpak.com, or by phone at **(800) 253-2363**, follow the prompts to reach service. Online chat is also available at www.bendpak.com