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Tekonsha brake controllers have distinct troubleshooting procedures due to variations in their circuitry and mounting requirements. Key differences include pendulum activation in the Voyager model, which is sensitive to the mounting angle, and self-adjusting activation sensors in the Prodigy, allowing for more flexibility in installation positioning. Additionally, unique features like boost function on the Prodigy necessitate separate troubleshooting steps. To begin troubleshooting, ensure the controller is level side to side and back to front and properly aligned with the direction of travel. Next, verify that all connections are secure, including the trailer's electrical connector being fully seated in the tow vehicle's receptacle and free from corrosion. Check for power supply and proper grounding on the controller. Then, operate the manual slide knob and adjust the braking power as necessary to achieve a green light. If issues persist, check for shorts or reversed wiring, which may require replacement of the controller. If problems continue after adjusting the braking power, recheck all connections and verify the proper installation angle of the brake controller, noting specific tolerance ranges. Before anything else, ensure there's proper grounding. Check the display reading; if it says "o.L", the controller is overloaded electrically while in use. Look out for any faulty or shorted wires connected to the trailer's brake actuator. If the display shows "S.H", the controller detects a short in the brake wire, so check that the blue brake wire from the controller isn't touching the ground and the trailer's brake signal wire isn't grounded either. A blank display means there's no power to the controller, so verify that the connector is fully seated between the tow vehicle and the trailer. Also, ensure the trailer's electrical connector wires aren't corroded and the brake signal wire isn't broken or disconnected. If the display reads "n.c.", the controller isn't connected to the trailer, so check if the trailer's electrical connector is properly seated in the tow vehicle's receptacle. If the display flashes "0.0", the controller is set to zero power; adjust the braking power using the thumb wheel on the controller according to your preference for braking power. However, if the display reads "P.L", there's an issue with power supply to the controller when you apply the brake pedal, so check the blue brake wire connection and ensure the trailer's brake signal wire is properly connected to the brake actuator magnets. Lastly, if the display shows "E.P", it means your brake controller is faulty and needs replacement. Prodigy Brake Controller Error Codes Living the RV lifestyle? Don't hit the road with a recreational vehicle or trailer without a proper brake controller - it's that crucial for safety. The device helps you brake efficiently and safely by controlling the weight of your trailer, which can affect your car's momentum and inertia. Without one, you might not be as safe as you think while driving with a trailer attached. Fortunately, there are handy troubleshooting tips to help you fix issues plaguing your Prodigy brake controller. Here are some common error codes users encounter along with reasons why fixing them is necessary. When dealing with trailer connections, having a reliable brake controller can make all the difference. Prodigy's brake controller stands out for its efficiency and display feature, allowing you to monitor the trailer's status remotely. However, errors like Error Code 09 may arise, indicating issues with the batteries or connection. To resolve the 09 error code, which signifies dying batteries or a malfunctioning connection, the first step is to verify that all connections are secure and there are no obstacles blocking them. Using a voltmeter can help determine if the problem lies with the batteries or elsewhere. Cleaning off dirt and mud from the brake controller and terminals is also crucial. If the issue persists, it may be necessary to replace the battery or explore other possibilities. Factors such as wear and tear on the controller while driving can contribute to faulty connections. If subsequent attempts to fix the connection fail, it's likely that the problem lies within the battery itself. is an overload detected by controller due to wiring issue on brake controller the controller shuts down as it cannot function properly because of this overload what causes this overload wiring damage on brake controller causes this issue if these wirings get damaged they will become overloaded quickly and the oL code will be flashing on your device check connection on device often to avoid this error before you even encounter this code take a deep look at wiring during every trip to ensure everything looks clean, untangled, and in proper order To address mounting difficulties, refer to the included handbook which features a user-friendly tutorial that can guide both beginners and experienced users through the setup process with ease. Tekonsha offers additional support options, including a phone helpline and online assistance system, designed to aid in controller installation. These resources are particularly valuable for those seeking straightforward instructions, as they can help ensure proper installation and avoid potential issues.

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