



12v Electric On/Off valve with built in adjustable regulator

0-125 PSI PN: 50009-125

0-150 PSI PN: 50009-150

Liability Waiver for Electric On/Off CO2 Valve when used with AIR LAUNCHER CHUTES.

Traditionally, pneumatic parachute deployment systems required a manual 3/2 toggle valve that had to be disarmed before repacking the parachute. Forgetting to turn this pneumatic valve back to the armed position could lead to the parachute not deploying properly.

Our electric valve automates this process by linking to your ignition switch or EFI system to handle the venting so the manual valve can be left in the armed position all the time or it can be completely removed as the Lowdoller valve vents to atmosphere through the small regulator bypass vent hole. By doing so, **this reduces human error and makes deployment more reliable. This improves safety and ensures your parachute is always ready when you need it.**

By using this product, the customer acknowledges that in the extremely unlikely event of a 12VDC power loss or coil failure while this valve is the sole air source for parachute deployment, the parachute may not deploy as intended. The customer assumes responsibility for ensuring the vehicle's electrical stability and releases Lowdoller Motorsports from liability related to this rare scenario.

Installation Instructions for the Electric On/Off CO2 Valve

1. Attach the Regulator Adapter: Securely fasten the provided adapter onto the regulator to ensure a tight fit.
2. Mount the Regulator on the CO2 Bottle: Tighten the regulator onto your CO2 bottle, ensuring it's secure.
3. Connect the Electrical Wiring: The valve comes with a Deutsch DTM 2-pin connector. For basic setups, connect it to an ignition switched 12v circuit so it powers on and off with the car.
4. For advanced setups using standalone EFI systems configure an output to trigger the solenoid valve. Valves can be switched with positive voltage or by ground. **This is where you need to think through different scenarios before making conditional triggers.** *We recommend something simple like battery voltage above a given threshold. This basically means anytime the ECU is powered up it will turn the CO2 on.