

Introduction

The RSD-SVH Solenoid Valve Module enables air operated equipment, such as the tank valve and PTO actuator, to be remotely operated by the RSD transmitter. The RSD-SVH is installed inline with the tank valve actuator air line. Applying 12 volts to the RSD-SVH control cable will activate an internal 3-way solenoid valve, allowing supply air to pass through to the valve actuator, opening the tank valve. When 12 volts is removed from the control cable, the internal solenoid will close-off the supply air and vent the air from the actuator, allowing the tank valve to close.

Similarly, the RSD-SVH can be installed inline with an air-operated PTO actuator. The RSD transmitter will either apply power to the RSD-SVH, allowing air to the actuator and engaging the PTO; or remove power from the RSD-SVH to vent air from the actuator, disengaging the PTO.

WARNING!

Disconnect the positive (+) cable from the truck battery prior to installing any electronic device.

Failure to do so could result in injury or death.

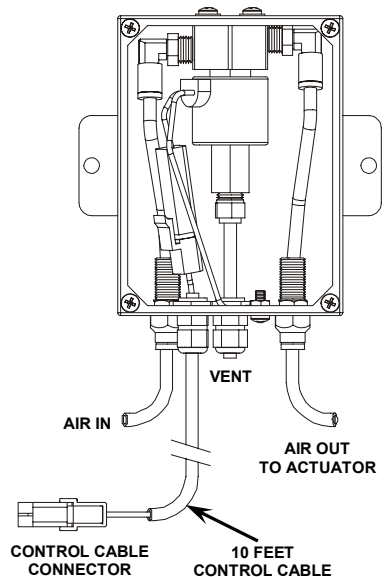
WARNING!

All wiring must comply with local codes and regulations and be done by a certified installer.

Extremely dangerous currents can be developed if not installed properly.

Installation Considerations

- Locate the RSD-SVH unit in a convenient location that will provide a mounting location and easy access to the air actuator line that will be controlled.
- Make sure the RSD-SVH control cable will reach the RSD receiver before mounting the RSD-SVH.
- Make sure all wires are routed away from moving parts to prevent excessive wear or damage to the wiring during operation.
- The RSD-SVH enclosure **MUST** be grounded to the chassis. (Check resistance between aluminum housing and ground after installation to verify a good ground connection.)
- It will be necessary to drill an 11/16" diameter hole through the truck cab to allow the Control Cable Connector to reach the RSD receiver. The Control Cable Connector may be wired to operate a PTO or an air actuator.



Tank Valve Operation

To verify operation when installed for tank valve control;

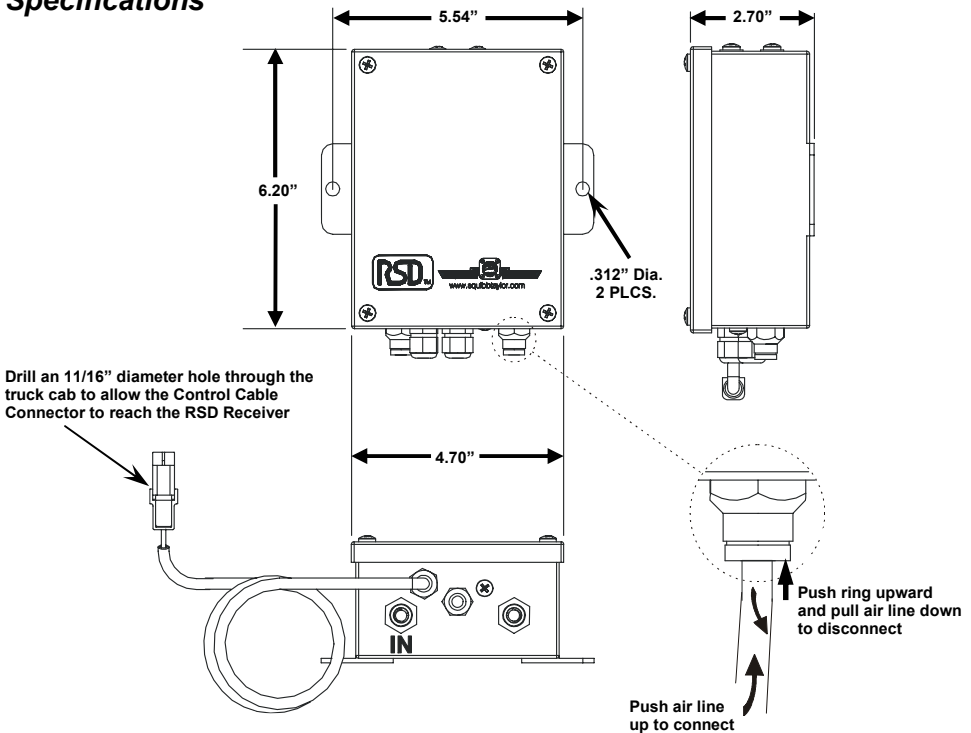
1. Arm the RSD receiver. The RSD receiver RED status light should be on solid.
2. For RSD-R2 receivers and RSD-R6 receivers configured for normal tank valve control, power will be applied to the RSD-SVH while the receiver is armed and not in shutdown (status light on solid). Use the normal manual tank valve controls to open the tank valve. If your system is using the RSD-R6 in the PTO-Delay mode, the RSD transmitter PTO button will be used to remotely open and close the tank valve. Refer to the RSD-R6 instruction manual for details.
3. Pressing the shutdown button on the receiver will remove power from the RSD-SVH and vent the air from the tank valve actuator to close the valve.

PTO Operation

To verify operation when installed for PTO control;

1. Arm the RSD receiver. The RSD receiver RED status light should be on solid.
2. Press the PTO button on the 6-channel transmitter. The RSD-SVH will energize, allowing air to operate the PTO actuator, engaging the PTO.
3. Pressing the PTO transmitter button again will toggle the PTO channel to remove power from the RSD-SVH, venting air from the PTO actuator, disengaging the PTO.

Specifications



Warranty

Squibb-Taylor warrants the product identified herein to be free from defects in material and workmanship under normal use and service for **two years** from the date of purchase.

The owner's responsibility is for normal maintenance and any servicer's travel and labor charges.

This warranty applies only when the product is used for consumer use within the United States and Canada and is installed and used in accordance with all applicable national, state, and local codes, regulations, and laws.

This warranty shall not apply if the product has been subjected to unreasonable use, negligence, accident in transit, alteration, improper installation or misapplication.

Squibb-Taylor shall not be liable for any default or delay in performance under this warranty caused by any contingency beyond its control including without limitation to war, government restrictions or restraint, strikes, fire, flood, or a shortage or reduced supply of raw material.

There are no expressed warranties other than set forth above. All implied warranties, including the implied warranties of merchantability and fitness for a particular purpose, are limited to the duration of the expressed warranties set forth above. Liability for consequential damages under this warranty is excluded to the extent exclusion is permitted by law. This warning gives you certain rights and you may have other rights which vary from state to state.

While this information is presented in good faith and believed to be accurate, the manufacturer does not guarantee satisfactory results from reliance upon such information. Nothing contained herein is to be construed as a warranty or guarantee, expressed or implied, regarding the performance, merchantability, fitness or any other matter with respect to the products, nor as a recommendation to use any product or process in conflict with any patent. The manufacturer reserves the right, without notice, to alter or improve the designs or specifications of the products described herein.



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