

## Raise/Lower Valve

### with Reset To Ride (RTR) Function

BPW Transpec offers the option of an airbag suspension Raise/Lower Valve that is able to automatically reset the suspension to ride height.

So, in the event the driver does not position the Raise/Lower Valve back to the ride height setting before driving the vehicle, this RTR Raise/Lower Valve can prevent costly damage to the vehicle and the suspension.

Available for either EBS equipped vehicle or non-EBS vehicles, the Raise/Lower Valve allows manual adjustment of the chassis height on a stationary trailer. This is done by pushing the handle in and turning it left to Lower the chassis or turning the handle to the right to Raise the chassis. The valve incorporates a 'dead man function' so simply release the handle when the vehicle is at the desired height and the valve will maintain that height. Then when the handle is pulled out the suspension returns to the normal ride height position.

On EBS equipped vehicles the Reset-to-Ride Valve will ensure that the air suspension is returned to its correct ride height as soon as the vehicle exceeds a preset speed which is normally programmed to be 15 km/h. When the Raise/Lower valve option is requested with BPW EBS, Reset to Ride is supplied as standard.

On non-EBS equipped vehicles a signal from the brake lights disengages the valve the first time the brakes are applied. A small inverter is supplied to effectively make a 'multi-volt' system.

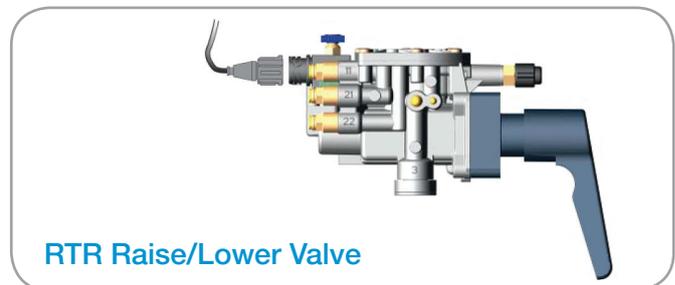
With this system the operator never has to worry about driving with the trailer suspension in the fully-pumped or fully dumped position. As soon as the valve receives the required signal from either the EBS or the brake lights the Raise/Lower valve will reset the suspension to ride height to avoid possible suspension damage.



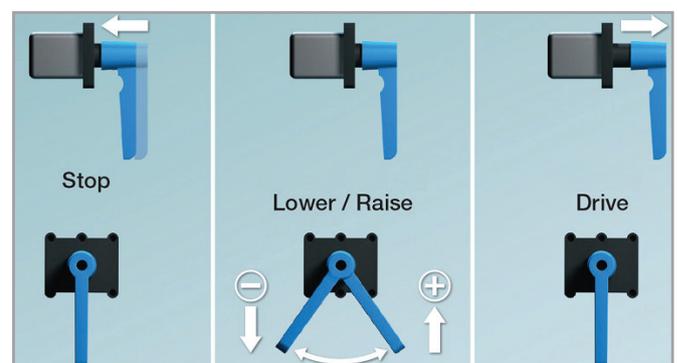
RTR Raise/Lower Valve

- ⊙ Automatically resets the Raise/Lower Valve to the drive position when a signal is received.
- ⊙ Easy to use handle to Raise and Lower the suspension as required.
- ⊙ Manual adjustment of trailer chassis height for easier loading and unloading of the trailer.

**This system is available as an option on BPW Airbag Suspensions.**



RTR Raise/Lower Valve



#### Operating Instructions

*\*Through the inverter that is supplied as standard with non-EBS installations.*

#### RTR Raise/Lower Valve Specifications

Maximum Operating Pressure	13 bar
Minimum Nominal Reset Pressure	3.5 bar (in suspension air tank)
Operating Temperature Range	- 40°C to + 80°C
Electrical Power Consumption	5W
Operating Voltage*	10V to 28V, AC or DC

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