

### V3018 Voltage Reduction Kit

The Voltage Reduction Kit should be used to reduce drive forces when using piston style 1"/1.25" MAV's or NoHBP or 1.5" MAV's in combination with piston selected for the drive option in the 215.XX software.

#### Installation:

- Using the VR board as a template, drill two 7/64" pilot holes in the drive bracket.
- Tap holes in the drive bracket and mount using the components shown in the table.

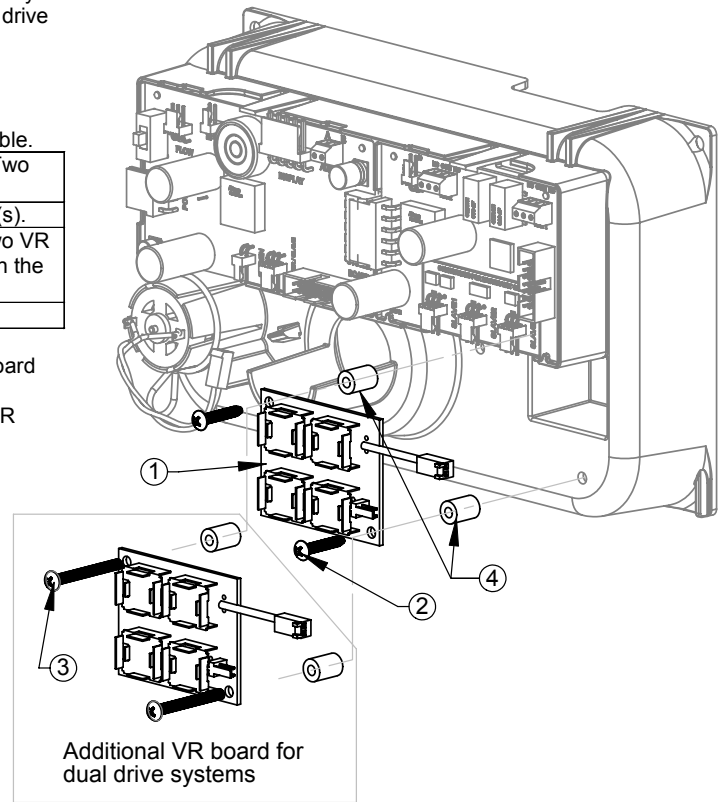
	One VR Board when using One MAV/NoHBP	Two VR Boards when using Two MAV/NoHBP's
Tap Holes	Use the 3/4" thread cutting screw(s).	Use the 3/4" thread cutting screw(s).
Spacers	Use two spacers between VR Board and drive bracket.	Use two spacers between the two VR boards and two spacers between the VR Board and drive bracket.
Screws	Use two 3/4" thread cutting screws.	Use two 1-1/4" screws.

- Discard unused screws.
- Plug the 2 wire lead(s) of the VR Board(s) to the 2 pin connector on the valve board and/or the system board.
- Plug the 2 wire lead of the MAV/NoHBP motor(s) to the 2 pin connector of the VR Board(s).

Drawing No.	Order No.	Description	Quantity
1	V3821	2H / 3 Drive Voltage Reduction (VR) Board	1
2	V3822	6-32 x 3/4 Self Tapping Screw	2
3	V3823	6-32 x 1 1/4 Phillips Pan Head Screw	2
4	V3824	5/16 x 7/16 Spacer	2

Form No: V3215-14

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	One VR Board when using One MAV/NoHBP	Two VR Boards when using Two MAV/NoHBP's
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Spacers	Use two spacers between VR Board and drive bracket.	Use two spacers between the two VR boards and two spacers between the VR Board and drive bracket.
Screws	Use two 3/4" thread cutting screws.	Use two 1-1/4" screws.

- Discard unused screws.
- Plug the 2 wire lead(s) of the VR Board(s) to the 2 pin connector on the valve board and/or the system board.
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