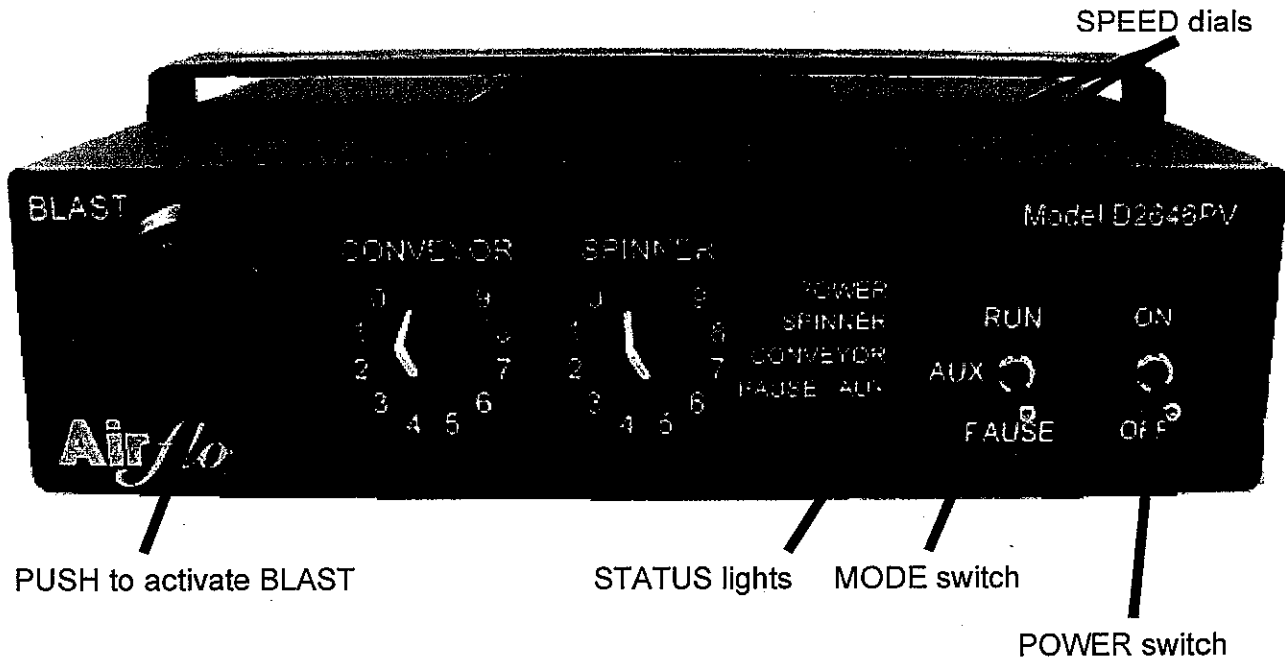


# Model D2646PV



STATUS LED Blink Codes	
Number of Blinks	Condition
SOLID	Ignition Off
2	Jam (high current)
3	Overheat
4	Battery voltage low
5	Battery voltage high

Compatibility Chart			
Buyers & SnowEx Models			
Buyers		SnowEx	
ATVS15	TGSUV1B	375	11875
TGSUVPROA	TG01	575	Vee-Pro
TGS01A	TGS01B	1075	V-Maxx
TGS05	TGS05A		
TGS05B			

The D2646PV is also compatible with many other competitor models. Please check our full comparison chart.

# Model D2646PV

## Normal Operation – Startup

1. Turn POWER switch ON.
2. Chose mode of operation: RUN or RUN/AUX
3. Set the SPEED DIALS to the desired speed settings.
4. To enable the unit for first time run condition, press the BLAST BUTTON.
  - This is a safety feature. It also clears the spinner motor of debris.

If you push BLAST while in PAUSE MODE, you may accidentally set the minimum running speeds.

## Normal Operation – Shutdown

1. Turn MODE SWITCH to PAUSE.
2. Turn POWER SWITCH to OFF to deactivate the unit.

### At Any Time You May:

- Vary the conveyor or spinner speeds using the dials.
- Press the BLAST BUTTON to deposit the maximum amount of material.
- Set the MODE SWITCH to PAUSE to pause the conveyor and spinner motors.
- Switch between RUN and RUN/AUX modes using the MODE switch.
- Calibrate the dials (set the minimum running speed).

### Calibrate Dial (Set Minimum Running Speed)

1. Make sure MODE SWITCH is set to PAUSE.
2. Make sure the POWER SWITCH is set to ON.
3. Turn the SPEED DIALS to the desired minimum speed settings.
4. Press and hold the BLAST BUTTON for 3 seconds.
5. Release the BLAST BUTTON to lock in the desired minimum speed settings.
6. The PAUSE/AUX light will blink once to confirm the settings are locked in.

**Helpful hint:** Before setting the minimum running speed, run the unit as normal and vary the speed settings until the motors are just barely running. This should be your “level 1” speed setting.

The settings will remain programmed even if the power is removed.



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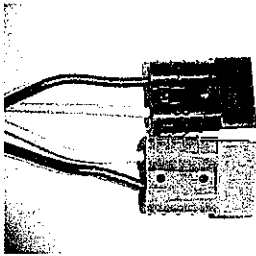
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## 2010/ 2011 Air-Flo Manufacturing PSV-L Electric Spreader Controller & Harness Setup

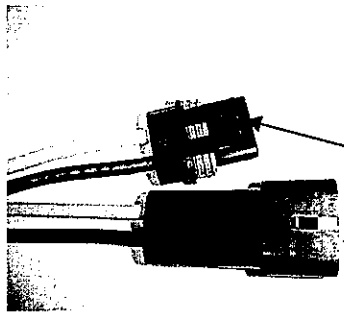
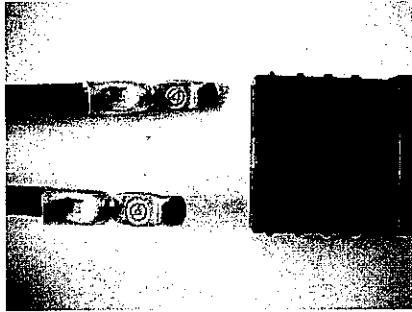
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- 1.) Locate the following items for your kit
  - a. Part # 13023-C- In Cab Controller
  - b. Part # 07231- Power Cable Assembly
  - c. Part#07232 – Motor Control Harness
  - d. Part #07195- Fuse block
  - e. Part #07194- Fuse
  - f. Part #07225- Blue Quick Disconnect
  - g. Part #07223- Red Quick Disconnect
  - h. Part # 07724-Green Quick Disconnect
- 2.)
  - a. Route your power cable and connect the (-) black wire to the battery (-) lead.
  - b. Mount the fuse block and attach the leads to the positive(+) battery terminal.
  - c. Slide the black and red wires with terminals into the plastic housing. It will “click” once it is seated. Note Black is (-) and Red is (+). Labeled on housing.
- 3.) Attach your in cab controller in a convenient location to operate.
- 4.) Attach the small red lead to a (+) keyed ignition power source.
- 5.) Route the motor control harness and connect the quick disconnects to the spinner and conveyor motors.
- 6.) Insert the yellow wire with contact into the positive side of the green connector.
- 7.) Insert the blue wire with contact into the negative side of the green connector.
- 8.) Insert the green wire with contact into the positive side of the blue connector.
- 9.) Insert the white wire with contact into the negative side of the blue connector.
- 10.) Connect all the quick disconnects to the matching quick disconnects from the in cab controller.

Your spreader is ready to operate. Refer to operating instructions.

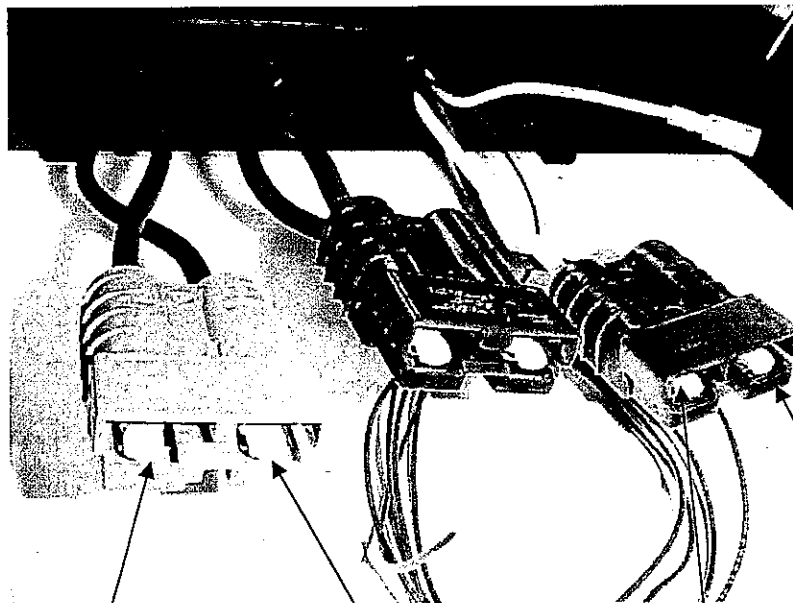


**Harness End at Controller**



**Spinner Harness**

**Conveyor Harness**



**Green Wire(+)**

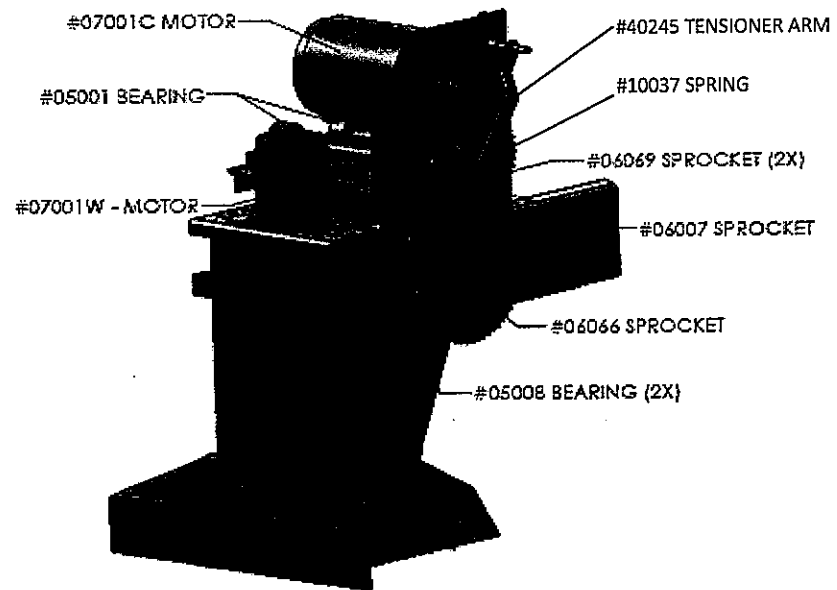
**White Wire(-)**

**Yellow(+)**

**Blue(-)**

Parts for units not shown:

40217	Drag Chain	PSV-6.5L
40218	Drag Chain	PSV-6.5E
40237	Chain Shield	PSV-8L
40239	Inverted "V"	PSV-6.5L
40240	Inverted "V"	PSV-6.5E
40242	Inverted "V"	PSV-6.5L
40241	6" Extension	PSV-6.5
40148	6" Extension	PSV-8
40243	Chain Shield	PSV-6.5L
40242	Electric Jack	PSV-Electric
	Shaft Assembly	
	32 + 9 Tooth Sprocket	
40244	Tensioner Arm Spring (#10033 same spring)	
40245	Tensioner Arm	
40249	PSV-Electric Motor Cover-Conveyor	
40250	PSV-Electric Spinner Motor Cover	
40251	PSV-Electric Chain Protector	





## **#40175X - PSV -8L- CONTROL KIT**

- (1) 13023C - IN-CAB CONTROL
- (1) 40168X - VEHICLE SIDE POWER HARNESS
- (1) 40208X - SPREADER SIDE POWER HARNESS
  - (1) 01410 - BOLT KIT
  - (1) 07195 - FUSE HOLDER
  - (1) 07194 - 150 AMP FUSE
  - (1) 07224 - GREEN END
  - (1) 07225 - BLUE END
- (4) 07206 - 3/8-NON-INSULATED RING TERMINAL