

Tech Bulletin: Kinze EdgeVac Conversions with SureStop

February 22, 2012



Problem: Kinze EdgeVac planters have 28 tooth sprockets on the meter drive. These planters with Surestop clutches installed will run into clearance issues when moving the meter drive disconnect forward into the finger meter position when converting to vSet. Kinze planters with finger meters have 19 tooth (smaller diameter) sprockets on the meter drive so there is no clearance issue there.

Solution: Growers/dealers installing vSet on an EdgeVac planter with Ag Leader's SureStop clutches installed will need to acquire the 19 tooth meter drive sprockets (GA10137) from Kinze for every row. They will also need to use different sprocket charts. The document # for these sprocket charts (all 10 are in one document) is 955242 and is located at <http://www.precisionplanting.com/Products/vSet/Tech-Support.aspx>.

Listed below are the population ranges available for these planters (30" Rows)

3200 (15 tooth contact wheel)	25,300— 75,000
3200 (19 tooth contact wheel)	32,034— 94,969
3500 (15 tooth contact wheel)	23,676— 70,194
3500 (19 tooth contact wheel)	29,990— 88,913
3600 (22 tooth contact wheel)	22,100— 72,800
3600 (28 tooth contact wheel)	28,100— 92,700
3700 (22 tooth contact wheel)	23,678— 70,200
3700 (28 tooth contact wheel)	29,990— 88,911
3800 (15 tooth contact wheel)	20,992— 58,313
3800 (19 tooth contact wheel)	26,591— 73,863

On 3600 and 3700 EdgeVacs, the grower can purchase the 15 tooth sprocket from us (part #730285) and reduce their populations down to:

3600	15,100— 49,600
3700	16,144— 47,864

Sprocket Charts for this option are also available (both in one document #955243) at the site listed above.