

SRM Mounting Instructions

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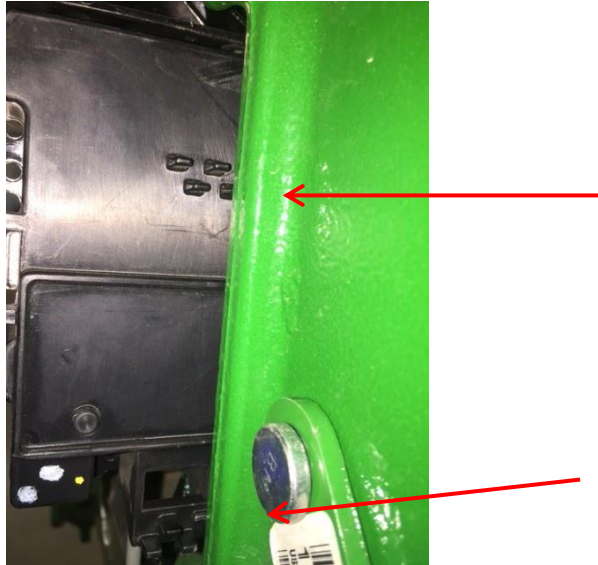
- * To prepare for installation ensure that there is an SRM and mounting hardware for each row.
- * This document uses SRM 1 and 2 style for the illustrations, installation processes are the same for SRM 3.
- * SRM's must be mounted Vertical with the pigtail tail wires either up or down. Follow the directions for the specific Planter & Row type to ensure the SRM is mounted correctly. The plug may be facing forward, left, right, or rearward. (As long as it stays 0, 90, 180, or 270 degrees from the bar)
- * If the recommended mounting location does not work, a 3/8" hole can be drilled in a spot where the SRM can be mounted Vertical.
- * To assist with the mounting of the SRM there are clocking tabs on the back that can be removed to ensure that the SRM is mounted vertical. Only remove tabs if needed.
- * When removing tabs make sure to get the tabs cut off as close as possible to the surface of the SRM. If they are sticking up this can create unnecessary pressure on the SRM which can damage internal components.
- * If installing vSet Select, mounting locations of SRM's will be different for some planters. See the vSet Select installation manual for SRM mounting locations.



John Deere Twin Row (kit 729396) SRM Installation

Step 1

Looking at the rear of the SRM- Cut half of the far right tabs (top and bottom) off the SRM. If the entire tab is cut off it is ok, but there is a possibility of movement from the SRM. When installing bolt, ensure bolt secures SRM straight up and down with 5 degrees.



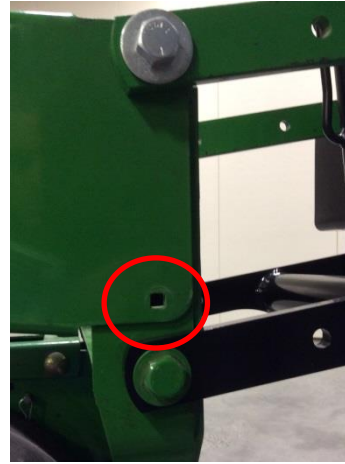
Step 2

Attach the SRM using a single M8 bolt and washer through the SRM bushing and threaded into the shank in a pre-existing tapped hole.

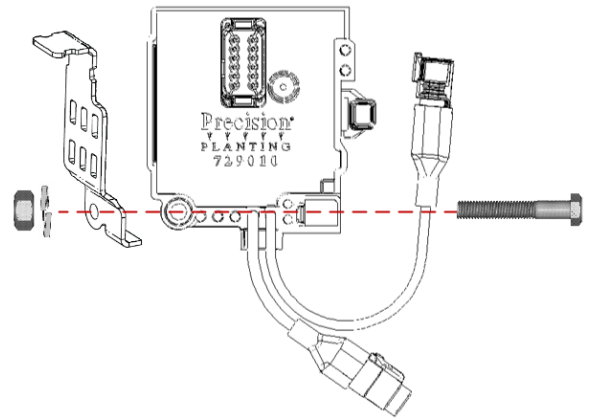


John Deere 7000 - SRM Installation

1. Remove the 9/16" bolt on the right hand row unit corner post.



2. Using the supplied carriage bolt, nut and lock washer, mount the SRM and Ladder on the inside of the right hand corner-post, using the same hole that the bolt was removed from in Step 1. Mount the SRM vertical, such that the harnesses are on the bottom.



3. Plug the SRM Row Harness into the 12 pin connector on the SRM.

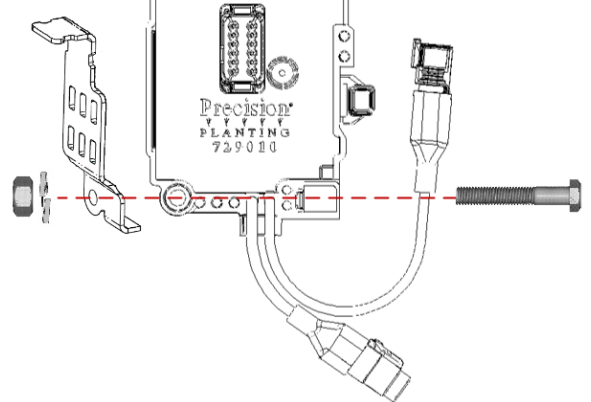


John Deere 7200/17XX Max Emerge, Max Emerge Plus, & XP – SRM Installation

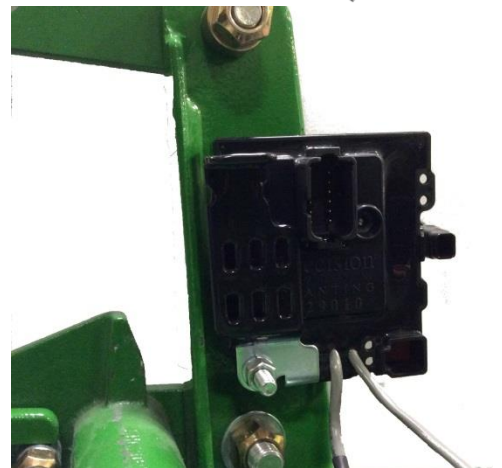
1. Remove 9/16" bolt on the right hand row unit corner-post.



2. Using the supplied carriage bolt, nut and lock washer, mount the SRM and Ladder on the inside of the right hand corner-post, using the same hole that the bolt was removed from in Step 1. Mount the SRM vertical, such that the harnesses are on the bottom.



3. Plug the SRM Row Harness (729021) into the 12 pin connector on the SRM.

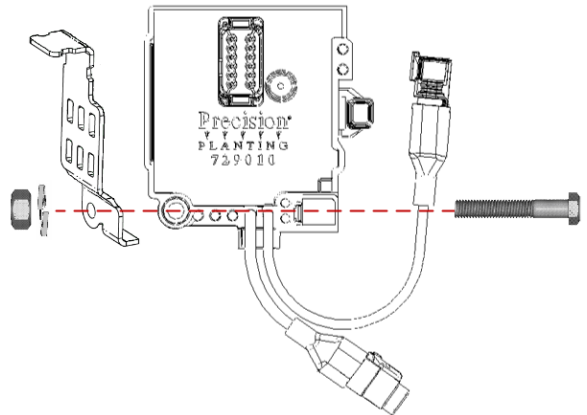


John Deere Max Emerge 5 – SRM Installation

1. Remove 9/16" bolt on the right hand row unit corner-post.



2. Using the supplied carriage bolt, nut and lock washer, mount the SRM and Ladder on the inside of the right hand corner-post with the SRM harnesses coming out of the bottom of the SRM. (vertical)

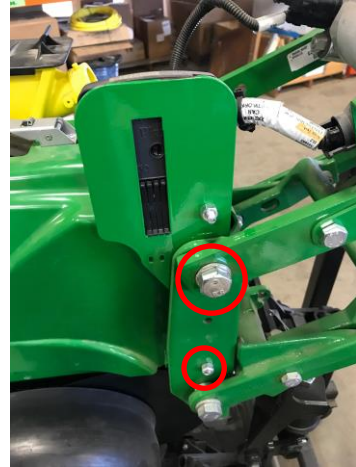


3. Plug the SRM Row Harness into the 12 pin connector on the SRM.

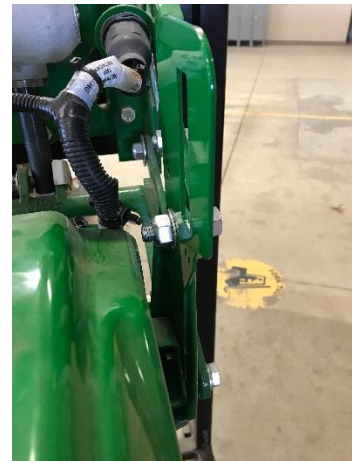


John Deere ExactEmerge – SRM Installation

1. Remove upper parallel arm bolt and lower bolt (1/2" wrench) from right hand corner of row unit.



2. Using the supplied bolt and nut, mount the SRM and Ladder on the inside of the right hand corner-post as illustrated.

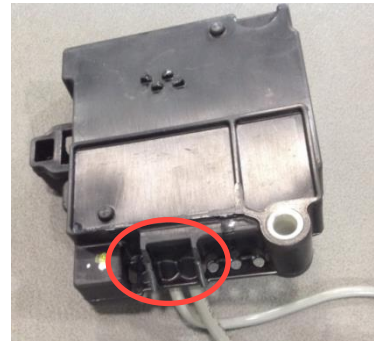


3. Use the supplied zip ties to secure the harnessing in such a way that the wires are not strained on the back of the connections.

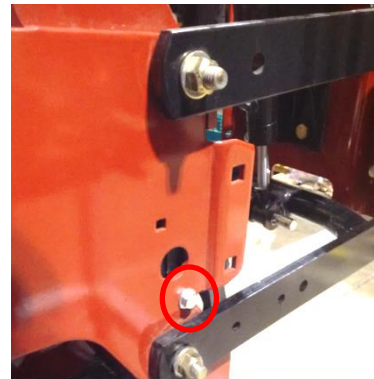


Case IH – SRM Installation Single Piece Row Units

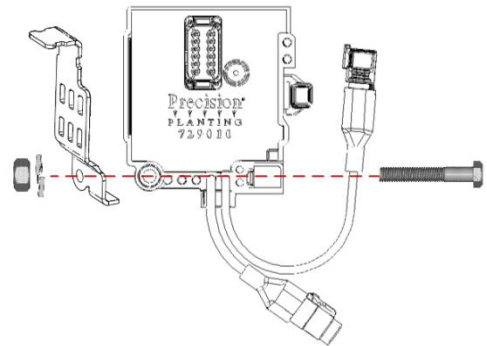
1. For single piece row units, modification to the SRM to allow proper seating against the row unit is necessary. Cut off the lower middle section of the SRM that contains the bottom tabs. This is necessary to allow for clearance of for the SRM and the row unit. Tabs on the top will most likely need to be cut off as well.



2. Remove 9/16" bolt on the right hand row unit corner-post.



3. Using the supplied standard bolt, nut and lock washer, mount the SRM and Ladder on the inside of the right hand corner-post with the SRM harnesses coming out of the bottom of the SRM. (vertical)

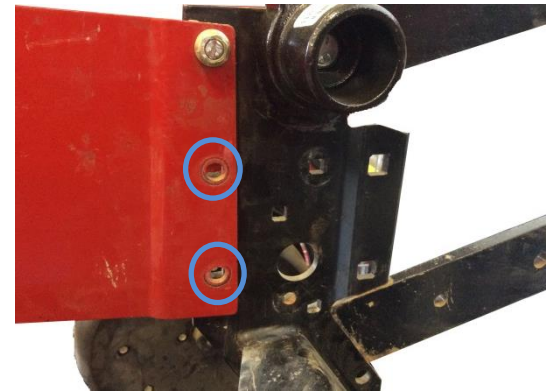


4. Plug the SRM Row Harness into the 12 pin connector on the SRM.

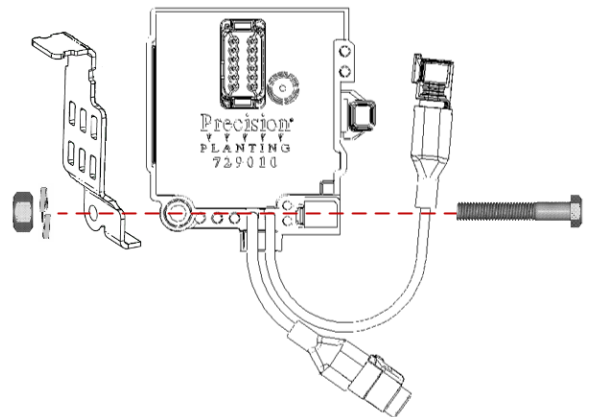


Case IH – SRM Installation Two Piece Row Units

1. On the left hand side of the row unit, remove the bottom two bolts where the side panels connect to the goal post.



2. Using the supplied standard bolt, nut and lock washer, mount the SRM and Ladder on the inside of the Left Hand Goal Post using the hole from the middle bolt removed in step 1. The pigtail harnesses coming out of the SRM will be pointed up. (vertical) The bottom bolt will be left out in order to have the necessary room to mount the SRM.



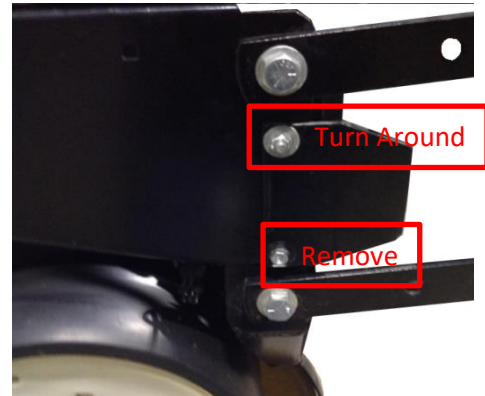
3. Plug the SRM Row Harness into the 12 pin connector on the SRM.



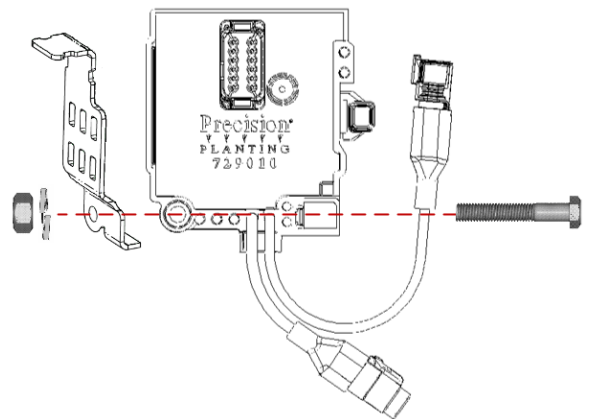
Kinze 2000/3000 Puller – SRM Installation With DeltaForce or AirForce (Down Bags only)

*For Puller row units, right/left directions are given when standing in *Back* of the row unit, looking forward.

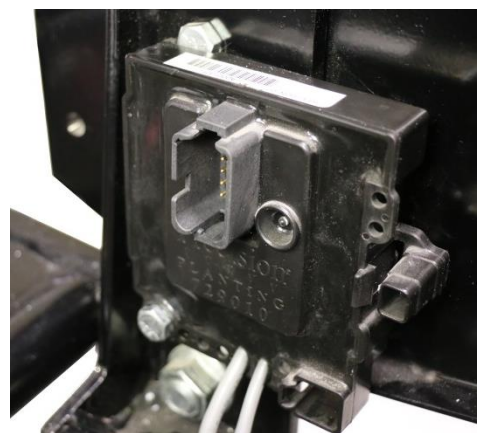
1. Remove the 9/16" bolt on the lower Right Hand Side of the Goal Post. Additionally, the upper 9/16" bolt needs to be turned around so that the bolt head is on the inside of the row unit and the nut on the outside.



2. Using the supplied standard bolt, nut and lock washer, mount the SRM and Ladder on the inside of the right hand corner-post with the SRM harnesses coming out of the bottom of the SRM. (vertical)



3. Plug the SRM Row Harness into the 12 pin connector on the SRM.



Kinze 2000/3000 Puller – SRM Installation

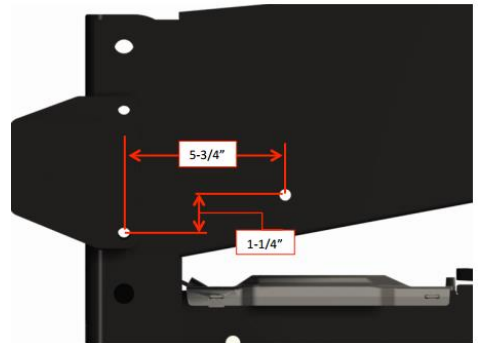
With vSet/vDrive, AirForce - Down & Lift, and No Chains (Insecticide)

*For Puller row units, right/left directions are given when standing in *Back* of the row unit, looking forward.

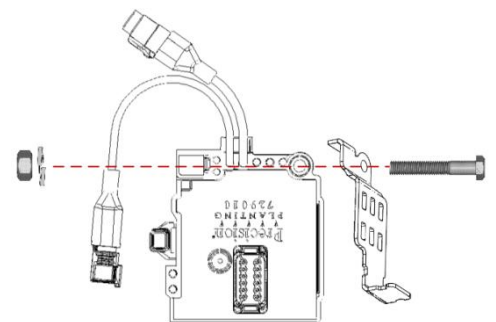
1. Remove the 9/16" bolt on the upper Left Hand Side of the Goal Post. Additionally, the lower 9/16" bolt needs to be turned around so that the bolt head is on the inside of the row unit and the nut on the outside.



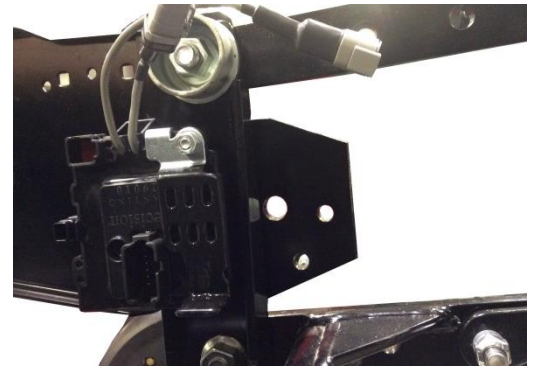
*If using SpeedTube in this scenario, a hole will need to be drilled on the Left Hand Side Panel 5-3/4" towards the rear and 1-1/4" upwards from the lower 9/16" bolt on the left.



2. Using the supplied standard bolt, nut and lock washer, mount the SRM and Ladder on the inside of the Left Hand Goal Post using the hole from the bolt removed in step 1. The pigtail harnesses coming out of the SRM will be pointed up. (vertical)



3. Plug the SRM Row Harness into the 12 pin connector on the SRM.



Kinze 3000 Puller – SRM Installation

With vSet *Classic*/vDrive, AirForce (Down & Lift), and Chains (Insecticide)

*For Puller row units, right/left directions are given when standing in *Back* of the row unit, looking forward.

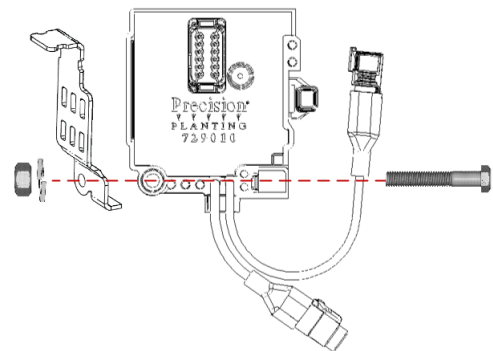
1. For vSet *Classic* meters, a 3/8" hole must be drilled on the lower right panel next to the goal posts to mount the SRM. Mark the hole to drill by holding the SRM as low and towards the front as possible while staying vertical on the right hand side panel.



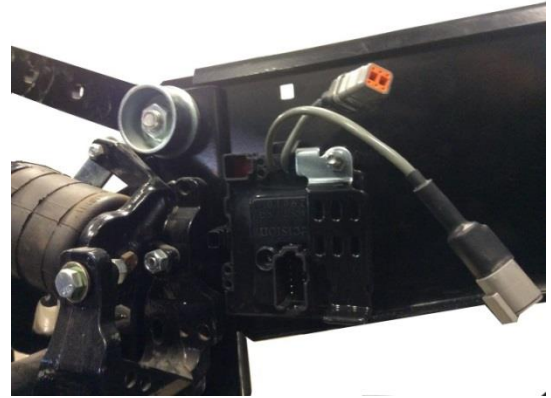
For vSet 2 meters, if Insecticide chains are being used along with AirForce lift bags there is not enough space to mount the SRM, a hole must be drilled on the extension side panels where the SRM can be mounted vertical and not interfere with the insecticide box/meter. A SRM Row Harness Extension may be needed.



2. Using the supplied standard bolt, nut and lock washer, mount the SRM and Ladder on the inside of the right hand panel using the hole drilled in step 1. The pigtail harnesses coming out of the SRM will be pointed down. (vertical)



3. Plug the SRM Row Harness into the 12 pin connector on the SRM.

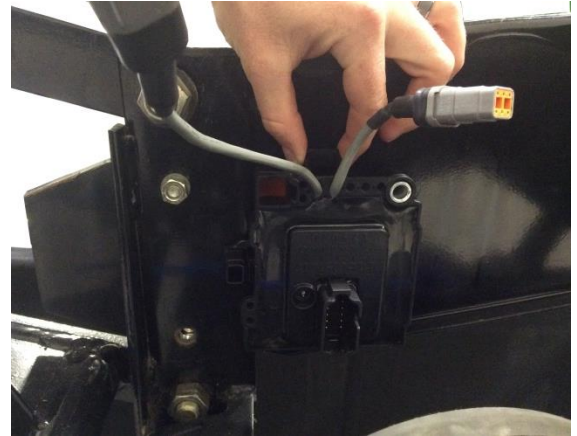


Kinze 2000 Puller – SRM Installation

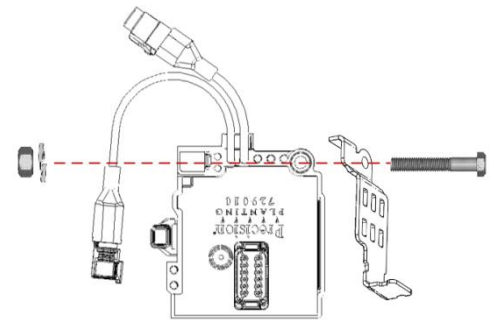
With vSet/vDrive, AirForce (Down & Lift), and Chains (Insecticide)

*For Puller row units, right/left directions are given when standing in *Back* of the row unit, looking forward.

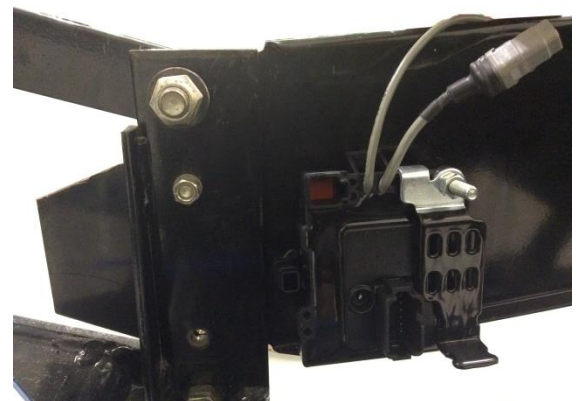
1. A 3/8" hole must be drilled on the lower right panel next to the goal posts to mount the SRM. Using the SRM as a guide, mark a place to drill so that the SRM is upside down (pigtail sticking up) and the SRM is as down and forward as possible on the right panel. Once the hole is marked, remove the SRM and Drill the hole



2. Using the supplied standard bolt, nut and lock washer, mount the SRM and Ladder on the inside of the right hand panel using the hole drilled in step 1. The pigtail harnesses coming out of the SRM will be pointed up. (vertical)



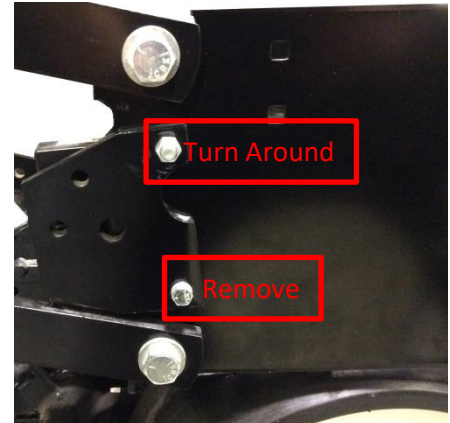
3. Plug the SRM Row Harness into the 12 pin connector on the SRM.



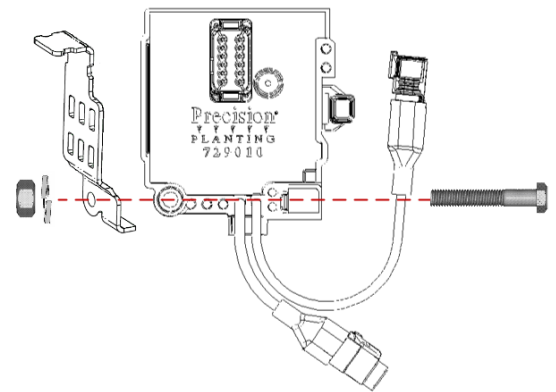
Kinze 2000/3000 Pusher – SRM Installation With DeltaForce or AirForce (Down bags only)

*For Pusher row units, right/left directions are given when standing in *Front* of the row unit, looking at it.

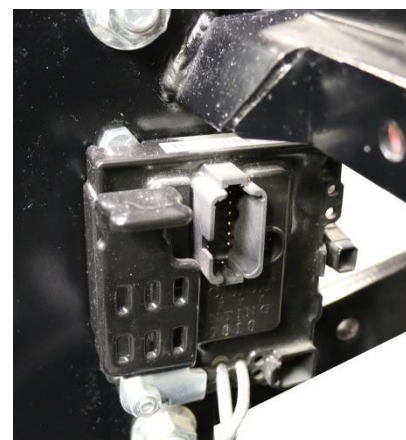
1. Remove the 9/16" bolt on the lower Left Hand Side of the Goal Post. Additionally, the upper 9/16" bolt needs to be turned around so that the bolt head is on the inside of the row unit and the nut on the outside.



2. Using the supplied standard bolt, nut and lock washer, mount the SRM and Ladder on the inside of the left hand goal post with the harnesses coming out of the bottom of the SRM. (vertical)



3. Plug the SRM Row Harness into the 12 pin connector on the SRM.

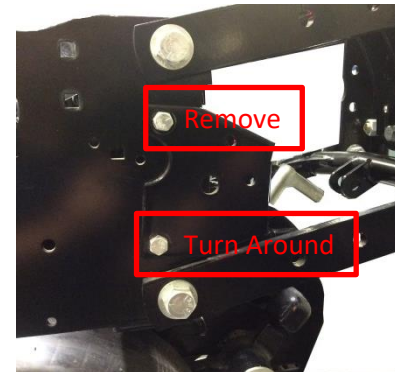


Kinze 2000/3000 Pusher – SRM Installation

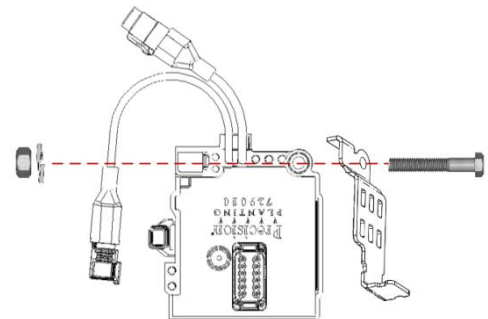
With vSet/vDrive, AirForce - Down & Lift

*For Pusher row units, right/left directions are given when standing in *Front* of the row unit, looking at it.

1. Remove the 9/16" bolt on the upper Right Hand Side of the Goal Post. Additionally, the lower 9/16" bolt needs to be turned around so that the bolt head is on the inside of the row unit and the nut on the outside.



2. Using the supplied standard bolt, nut and lock washer, mount the SRM and Ladder on the inside of the right hand goal post using the hole from the bolt removed in step 1. The pigtail harnesses coming out of the SRM will be pointed up. (vertical)



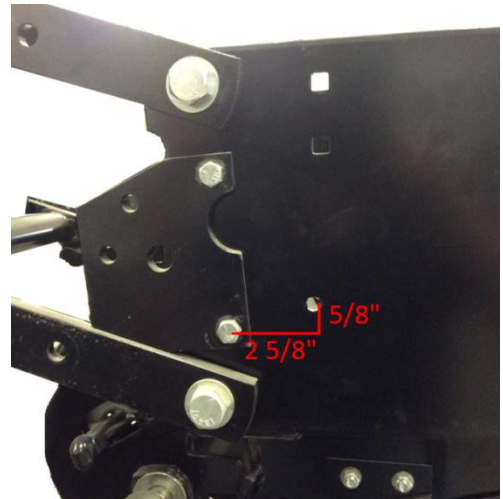
3. Plug the SRM Row Harness into the 12 pin connector on the SRM.



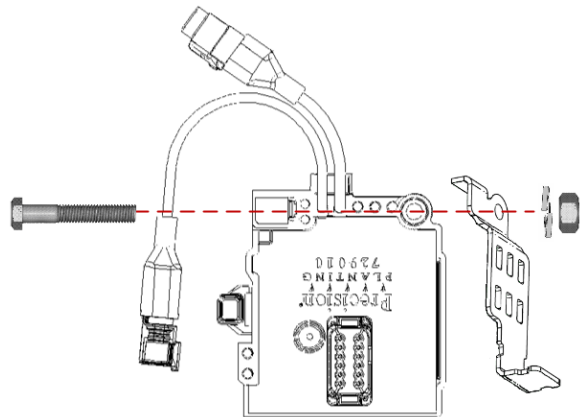
Kinze 2000/3000 Pusher – SRM Installation With vSet/vDrive, AirForce (Down & Lift), and Chains (Insecticide)

*For Pusher row units, right/left directions are given when standing in *Front* of the row unit, looking at it.

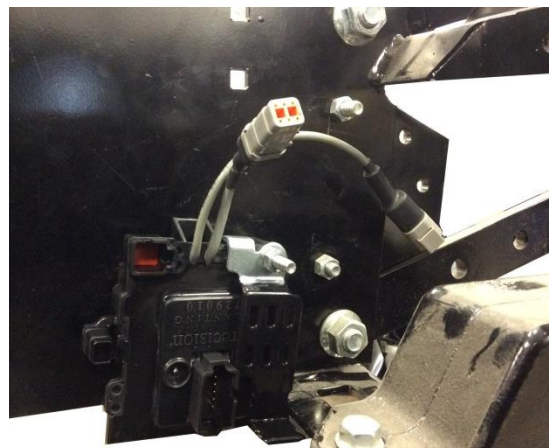
1. A 3/8" hole must be drilled on the lower left panel next to the goal posts to mount the SRM. The hole will be drilled 5/8" up and 2 5/8" over from the original mounting location. If necessary a whole can be drilled in a different location – if doing this ensure there is clearance so that the SRM can be mounted vertical.



2. Using the supplied standard bolt, nut and lock washer, mount the SRM and Ladder on the inside of the left hand panel using the hole drilled in step 1. The pigtail harnesses coming out of the SRM will be pointed up. (vertical)



3. Plug the SRM Row Harness into the 12 pin connector on the SRM.



Kinze 4900 – SRM Installation With vDrive & DeltaForce

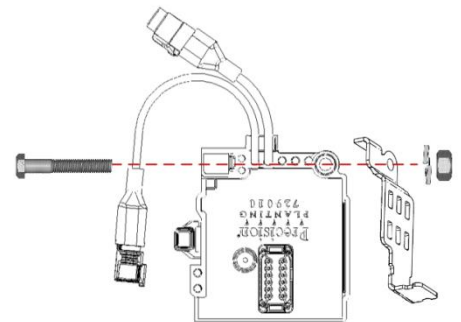
1. Using a 3/8" Drill bit drill out the hole (noted in the picture to the right) on the left hand panel.



2. Clip all tabs on the back of the SRM. This is needed to keep the SRM lying flat on the side panel.



3. Using the supplied standard bolt, nut and lock washer, mount the SRM and Ladder on the inside of the left hand panel using the hole drilled in step 1. The pigtail harnesses coming out of the SRM will be pointed up. (vertical)



4. Create a "loop" with the SRM row and ziptie harness to ladder clip. Route harness up the left hand upper parallel arm.



Kinze 4900 – SRM Installation

With DeltaForce & Kinze Electric Drive or Kinze Vacuum Meter

1. Remove nuts & bolt from right hand side lower parallel arm. Place bolt in secure location, this will be reused.
2. Orientate the SRM Bracket in the mount so the stud (bolt) is towards the bottom. (Bracket is included in the Kinze 4900 Row Unit Mount Kit for DeltaForce – 729395.)



3. Re-Install lower parallel arm bolt. The SRM mount be on the outside of the lower parallel arm.



4. Do the same process for right hand side Upper Parallel arm. The SRM bracket will sit between the Bolt head and the parallel arms. Refer to image Below



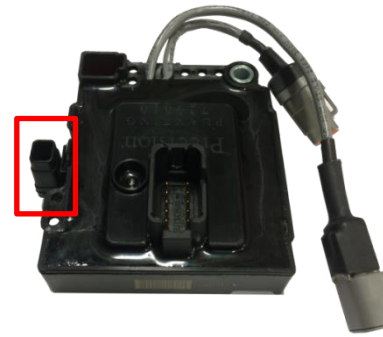
5. Using the Stud on the SRM Bracket install the SRM.

6. Install nut on SRM bracket stud and tighten

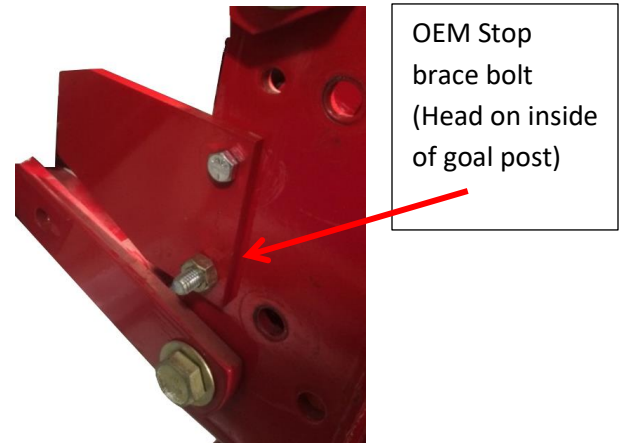


White 8000 – SRM Installation

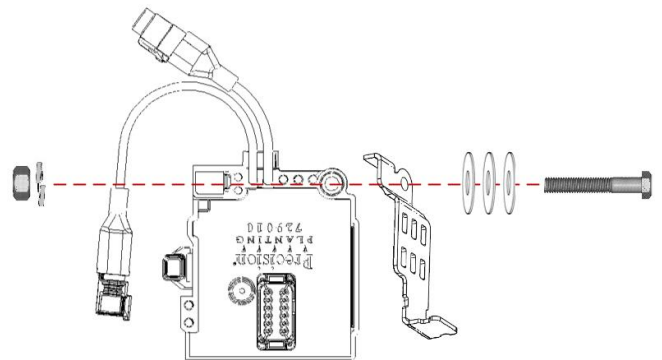
1. Adaptations to the SRM (SRM 1 and 2 only) must take place. Cut the AUX plug from the side of the SRM.



2. SRM will be mounted upside down on the LEFT hand side of the goal post. In order to keep the SRM square and plumb the lower bolt must have the head of the bolt inside the goal post. See below (view from outside of the goalpost)



3. Use washers to create a bushing to space the SRM away from the goal post the same distance as the bottom stop brace bolt head. If distance is greater than the bolt that comes with SRM, then a different bolt may be used.

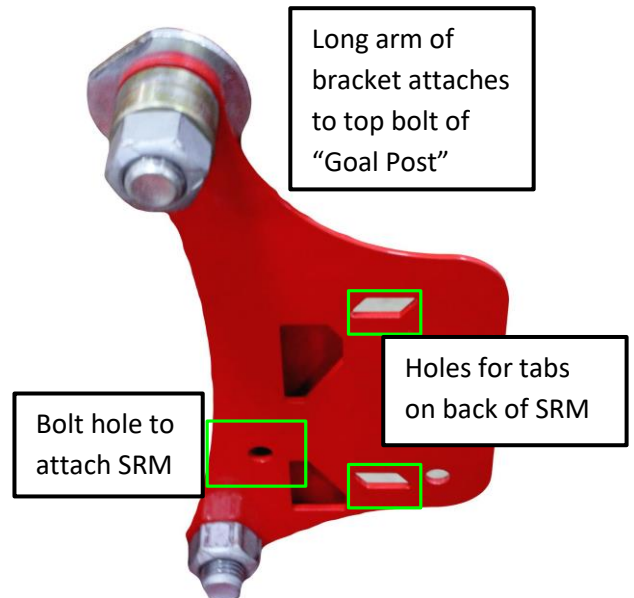


4. Install SRM upside down (wires on top). Attach SRM zip tie bracket, lock washer, and nut.
5. Plug the SRM Row Harness into the 12 pin connector on the SRM.



White 9000 - SRM Installation with vDrive

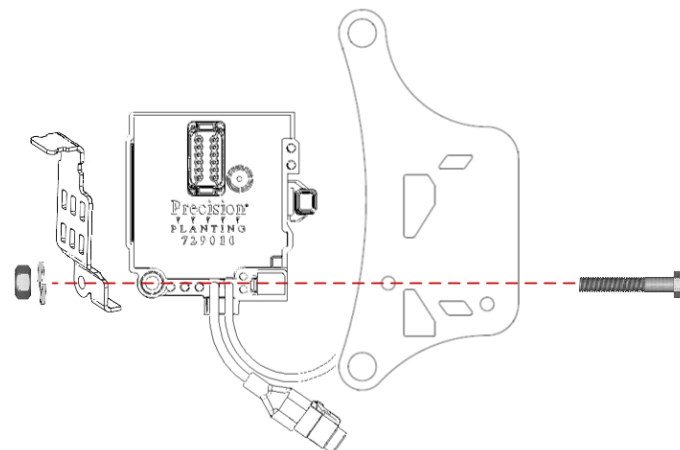
1. Install the SRM on the White 9000 bracket (included with the White 9000 Load Sensor). The SRM must be attached to the bracket before installation to the "Goal Post" for adequate clearance. The long arm of SRM bracket will attach to top bolt of goal post with the bracket towards the rear. Attach the SRM so the tabs on back of SRM go into the designed slots. Then attach the ziptie brackets along with the bolt from the SRM base kit.



2. Remove the nuts and bushings on the RIGHT hand side of the "Goal Post". The small washer should remain on the bolt. These parts will be re-used except for the largest washer with a flat side. The small washer will be located in between the goal post and the SRM bracket.



3. Install the SRM and SRM bracket by placing the lower hold of the SRM bracket onto the bottom goal post bolt, then install the top bolt. The SRM should be vertical with the wires coming out the bottom.



4. Place the bushings and nuts back on the bolts that were removed in step 2, and then tighten.
5. The SRM Row Unit Harness will follow along the right hand side Parallel arms. Plug the SRM Row Harness into the 12 pin connector on the SRM.



White 9000 – SRM Installation with Ground or Cable Drive

*Note – for 1.6 bu Hoppers, see the next page for additional instructions

1. Install the SRM on the White 9000 bracket (included with both the White 9000 Load Sensor & Minihopper Kit.). The SRM must be attached to the bracket before installation to the “Goal Post” for adequate clearance. The long arm of SRM bracket will attach to top bolt of goal post with the bracket towards the rear. Attach the SRM so the tabs on back of SRM go into the designed slots. Then attach the ziptie brackets along with the bolt from the SRM base kit.

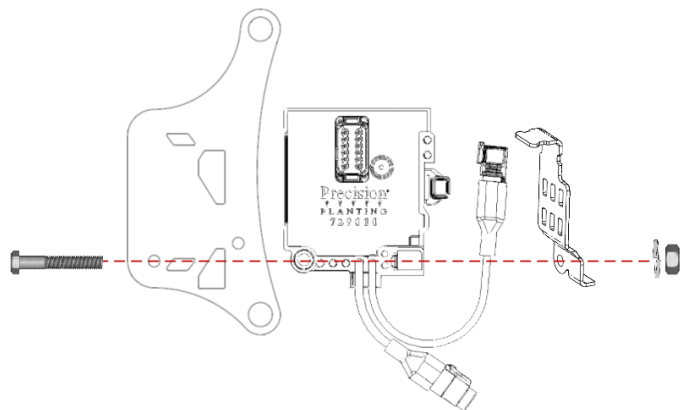
Long arm of bracket attaches to top bolt of “Goal Post”

Holes for tabs on back of SRM

Bolt hole to attach SRM

2. Remove the nuts and bushing on the LEFT hand side of the “Goal Post”. The small washer should remain on the bolt. These parts will be re-used except for the largest washer with a flat side.

3. Install the SRM and SRM bracket by placing the lower hold of the SRM bracket onto the bottom goal post bolt, then install the top bolt. The SRM should be vertical with the wires coming out the bottom.



4. Place the bushings and nuts back on the bolts that were removed in step 2, and then tighten.
5. The SRM Row Unit Harness will follow along the left hand side Parallel arms. Plug the SRM Row Harness into the 12 pin connector on the SRM.



White 9000 – SRM Installation with Ground or Cable Drive Additional Instructions for 1.6 bu Hopper

1. Remove Eyelet from the left hand side for Hopper Box.



2. Loosen lower bolt on Goal Post so approximately 1/8" is still visible behind the nut. DO NOT REMOVE



3. Install lower hole on the SRM bracket onto the lower Goal Post Bolt. This hole on the SRM bracket does not use the nut for security. It is used to keep the SRM plumb.



Front View



Rear View

4. Place Eyelet for Hopper box back on Goal Post Bolt. Install top SRM bracket hole onto the bolt with the Hopper eyelet.



5. Tighten nuts: Top hole of SRM bracket should sit between the hopper eyelet and the nut. Bottom hole of bracket should sit OUTSIDE nut.

