



SERVICE GUIDE

K76620 BED SENSOR UPDATE INSTRUCTIONS

K76620 Bed Sensor Update Installation

Below is an installation guide for installing the Updated Bed Sensor Kit on a Bale Titan RXR. With the bed down and the tractor and monitor shut off, complete the following steps:

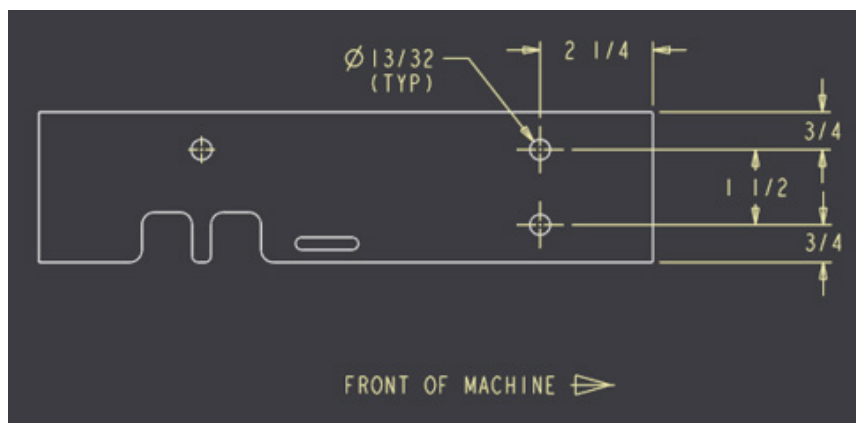
Step 1.

Remove old bed position sensor including the sensor K67298, bearing plate K69719, sensor backing plate K68646, magnetic head bolt K67331, and all related hardware.



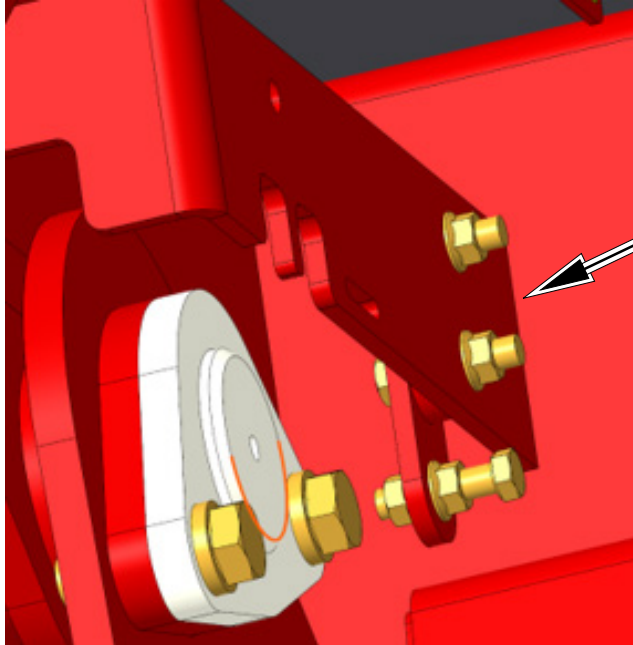
Step 2.

Using a drill with a $\frac{13}{32}$ (0.406" (10.3mm)) bit, drill 2 holes in the bed sensor guide plate of the bed weldment with the dimensions shown in the figure below. The holes should be 2-1/4 back from the next cross member of the bed. Plates K76496 or K76497 can be used as a drill guide if needed.



Step 3.

Install plates K76496 and K76497 to the inside of the bed sensor guide plate as shown in the figure below.

**Step 4.**

Install the magnetic head bolt K67331 into bearing plate K76597. Secure with nut W-514 as seen in the figure below. The shoulder on bearing plate K76597 should face towards nut W-514.



Step 5.

Apply Loctite onto the threads of the magnetic head bolt K67331 and into the threads of bed pin. Install the assembly and torque to a max torque of 3.75ft-lbs (5 Nm)

Step 6

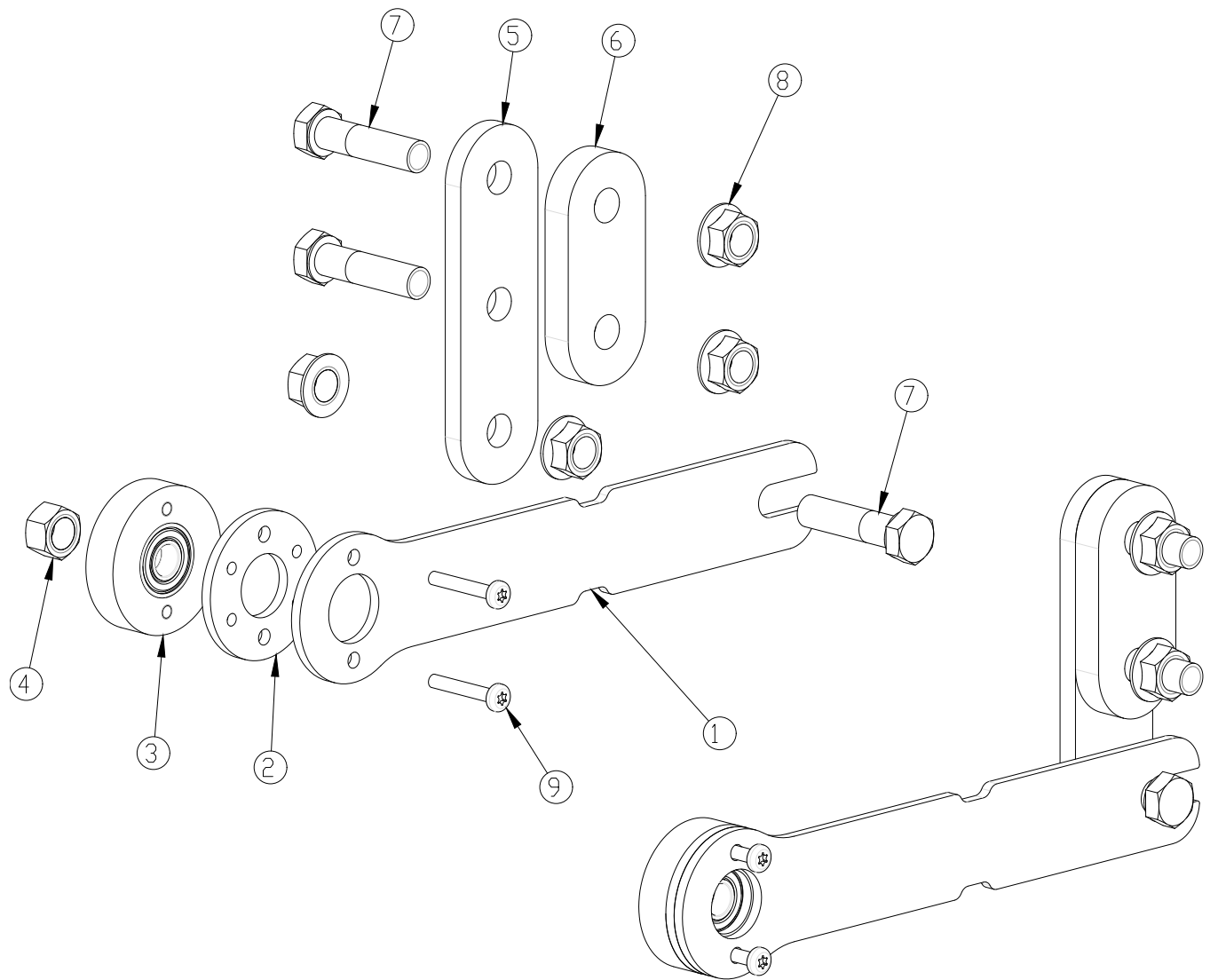
Install Plates K75919 and K74391 along with the sensor K67298 over the bearing plate K76597. Hook the front of plate K74391 onto bolt W-477 installed in Step 3 as seen in the photo below. Oreintate the sensor with the wiring towards the front of the machine and the grey novotechnik decal facing outward. Secure all three pieces with machine screws K72059.

Step 7

Plug in the bed sensor if it was disconnected. Start machine and recalibrate all positions related to the bed prior to use.



K76620 Bed Sensor Update Kit



Item	Part No.	Description	Qty
1	K74391	Plate - Sensor Bracket	1
2	K75919	Plate - Sensor Spacer	1
3	K76597	Bearing Plate	1
4	W-514	Regular Hex Nut.....	1
5	K76497	Plate - Strap	1
6	K76496	Plate - Sensor Arm Spacer	1
7	W-477	Hex Head Capscrew	3
8	D-5279	Flange Lock Nut.....	4
9	K72059	Machine Screw #8 x 1Lg.....	2
	K76620	Kit - Bed Sensor Update - (Includes All Above Items)	



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