

Customer Service Bulletin

NiteHawk Raptor II Belt Tensioner Mount Replacement

There have been several reports of customers experiencing problems with the pump belt tensioner (PM-1928) contacting the water pump on the truck's engine, rendering the truck temporarily undriveable. There is a replacement mounting bracket available from NiteHawk Sweepers that can immediately fix this issue. The steps for replacing the mounting bracket are outlined below.

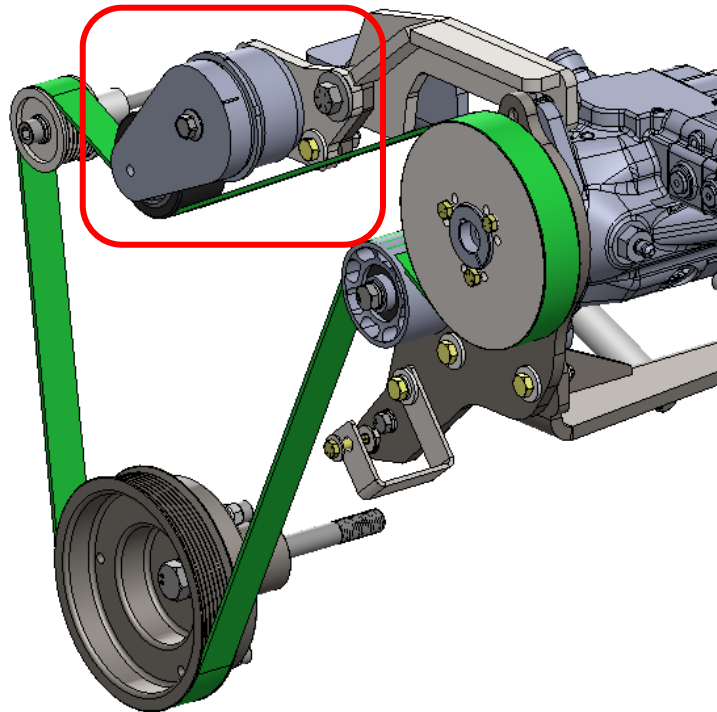
Tools Required:

- 2x ¾" Wrench
- 2x 9/16" Wrench
- 15mm Wrench

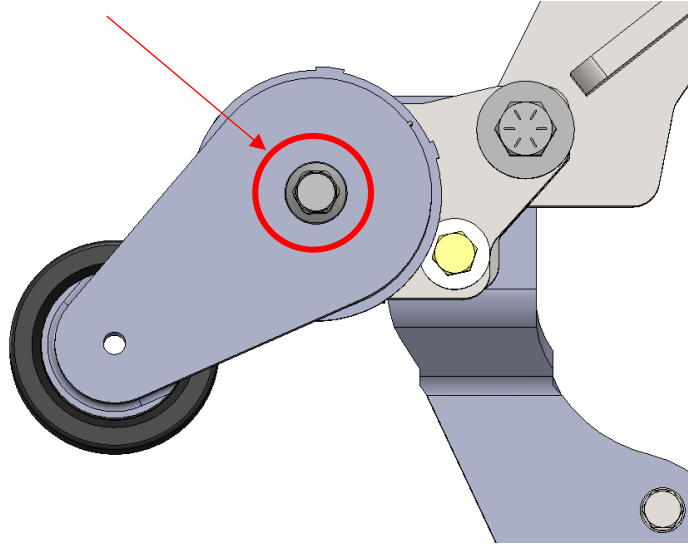
Time Estimated:

- 15 Minutes

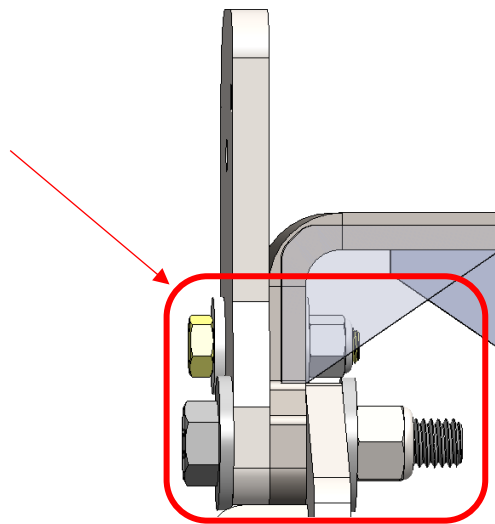
Step 1: Remove the Existing Plate



Lift the cab of the Raptor II and locate the belt tensioner, indicated above. Remove the belt and set aside for reuse later.

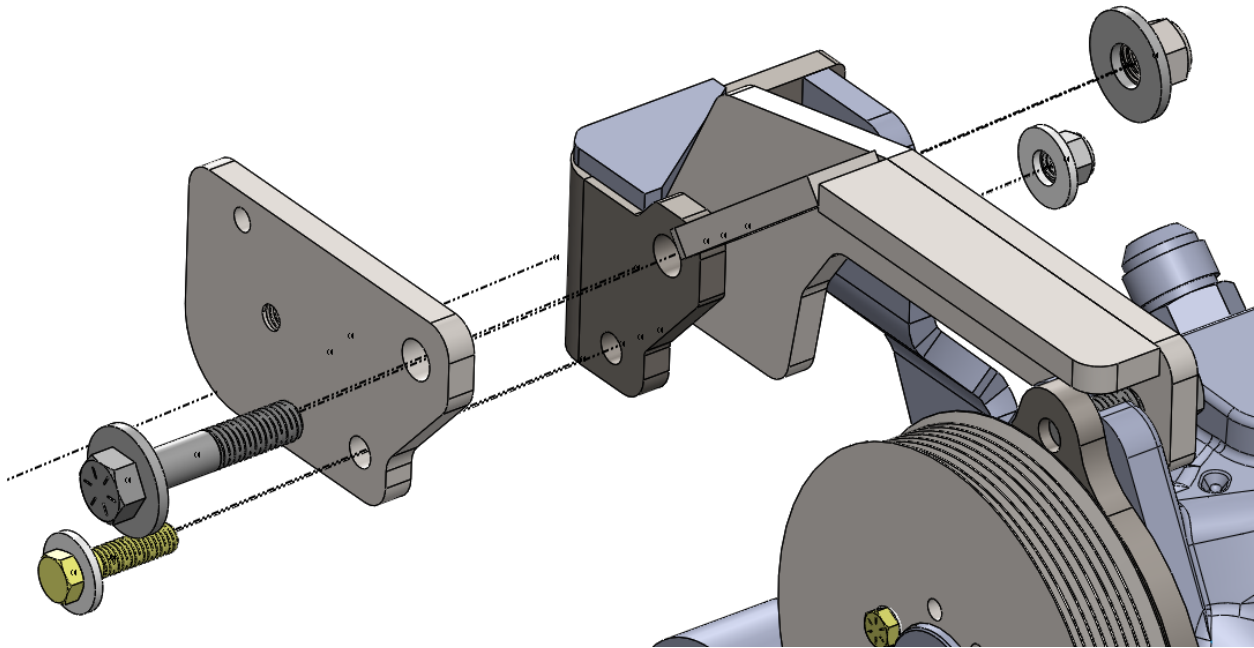


After the belt is removed, loosen the bolt in the center of the tensioner and fully remove the tensioner. Set aside to reinstall onto the new mounting plate.

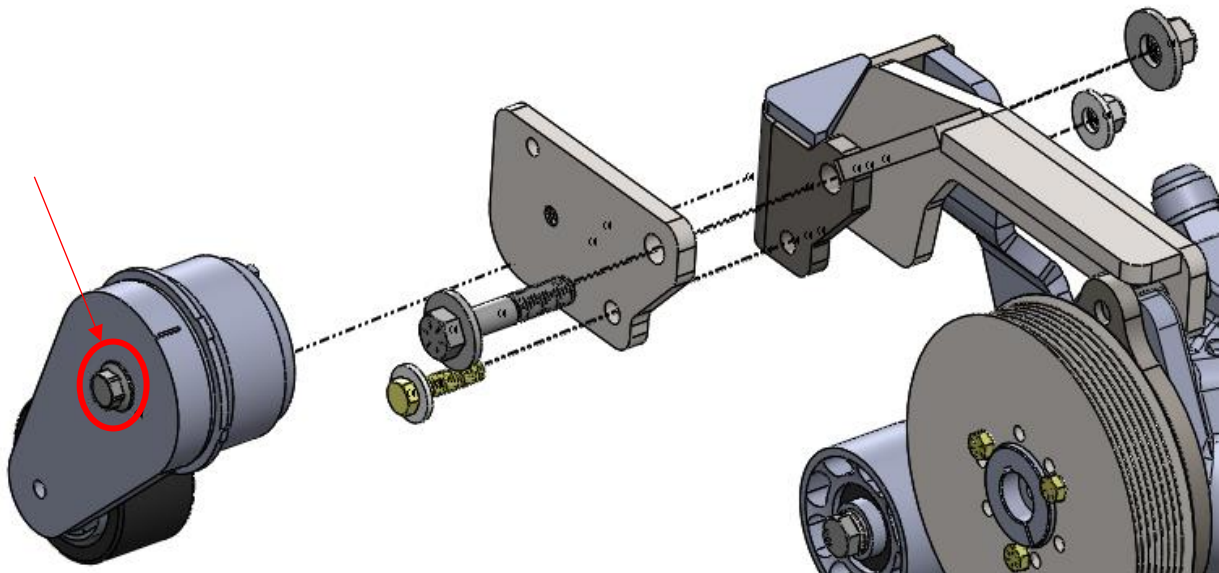


Remove the top mounting bolt using the $\frac{3}{4}$ " wrenches. Remove the bottom mounting bolt using the $\frac{9}{16}$ " wrenches. Set the hardware aside for reuse when installing the replacement plate.

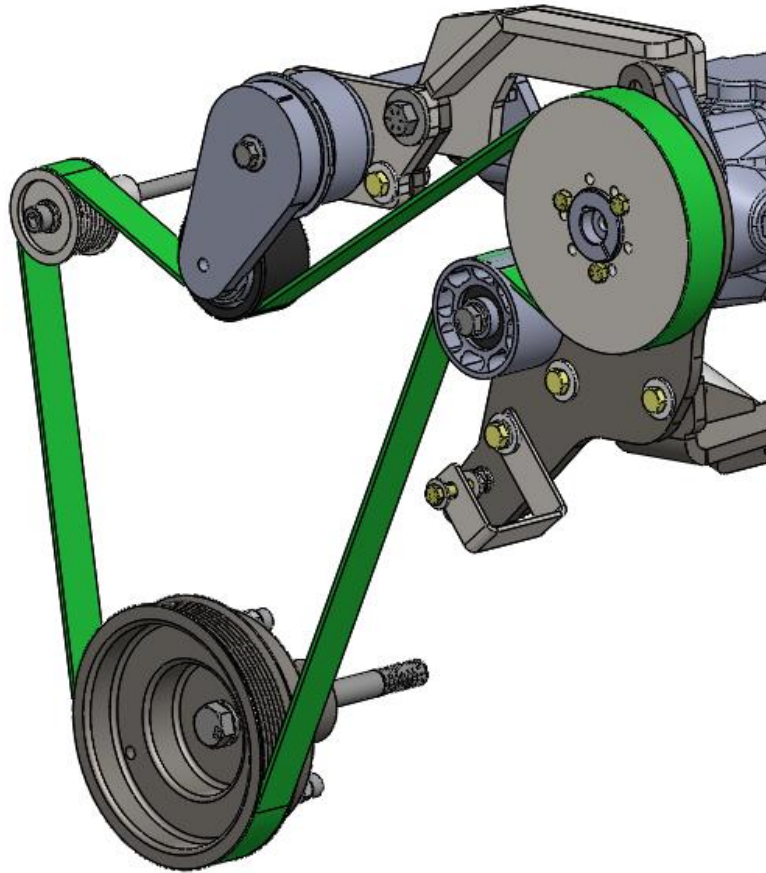
Step 2: Install the Replacement Plate



Install the new mounting plate. Reuse the hardware that was removed earlier, replacing as necessary if any wear is seen.



After the mounting plate is installed, reattach the belt tensioner using the center bolt and a 15mm wrench.



Reinstall the belt as shown above. Ensure that the full width of the belt is contacting each pulley, and that all bolts are tight. Lower the cab. The installation is now complete.