

Technical Advisory- Minute Man XD head Swivel nut or Kingpin system

This advisory is to explain or to make our customers aware of wear items on a Minute Man XD head and their locations. We at Minute Man feel educating our customers about their equipment is very important to avoid costly repairs in the future during its use.

The first wear point is in the main head pin or swivelnut thrust washer. There is a thrust washer both top and bottom between the head and the inner extension to create a bearing surface.

This bearing prevents steel on steel wear causing damage to the head plates or extension plates, and increased longevity of the head and inner extension.



Along with the thrust washers, there is a Teflon fiberglass sleeve inside the center of the inner extension that supports the center pivot kingpin or swivel nut. If the thrust washers were to wear out and not be replaced within a reasonable amount of time, this would cause the pin to put excessive pressure on the bushing inside of the inner extension, causing wear. This will permanently cause the bushing to deform.



To identify a problem a customer can extend his/her lift out to a ready to tow position with the in/out cylinder fully extended and if a gap in between the head plates and the inner extension (ram) plates exist; the center bolt may need to be tightened or the thrust washer will need to be replaced due to wear.