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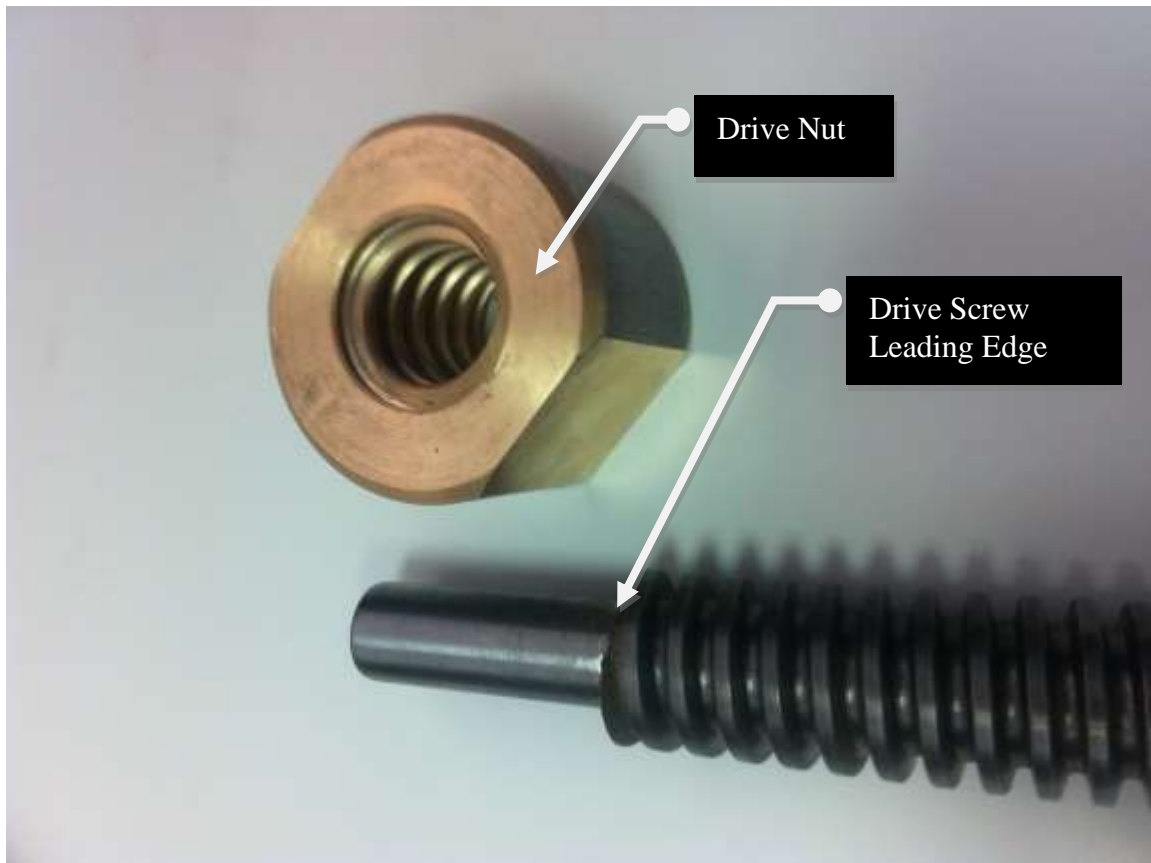


Replacing Drive Nuts on 550lb Capacity Trus-T-Lifts Additional Note on Backwards Compatibility

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Introduction:

RAM's Trus-T-Lift product is built on an ACME screw and nut drive system. The screw and nut, as shown in the image below, interface directly to hold any load being carried by the lift.



RAM is always improving our products and at one point the tolerances for the drive nuts were altered to improve the performance of our Trus-T-Lift product. This caused a small backwards compatibility concern that may cause new drive nuts to not fit properly when being installed during maintenance.

Affected Units:

This is only an issue when replacing worn out drive nuts with new drive nuts the first time.

Any Trus-T-Lift that was purchased before Feb 2012 may be affected.

Solution:

The fit of the new style of drive nuts has been altered slightly and in order to have them fit the original drive screws the leading edge needs to be filed down slightly with a fine grain metal file.

This only needs to be done on the initial lead edge of the drive screw and care should be taken to avoid damaging other threads.

Filing should be done gradually with intermittent checking of the fit progressively until smooth thread start is achieved.

Cleaning of both the screw and nuts prior to final assembly should be done with a clean rag and then grease re-applied as per RAM's other maintenance instructions/ manuals.

Note:

If smooth thread starting is not achieved easily there may be damage to the screw and you should contact RAM's technical support team immediately to discuss options on correcting any issue.

Failure to do so may result in significant safety concerns, injury or death due to faulty assembly.