



# TIM'S TECH TIPS

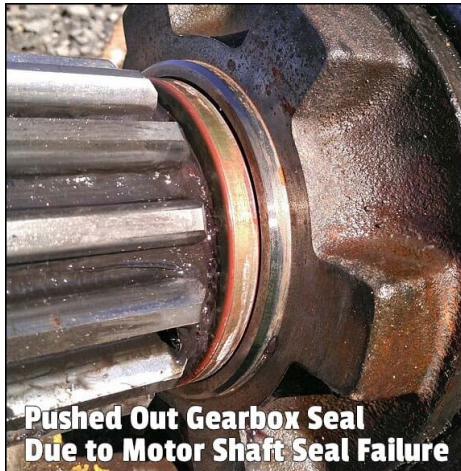


## Gearbox Reseal/Repair

Gearbox resealing and/or repair is not a common occurrence but does need to be done on occasion.

When a gearbox is pressurized by a blown motor shaft seal that pushes out the gearbox pinion seal, the gearbox needs to be resealed.

The typical cause for this is incorrect excavator case drain plumbing or when a rotate pressure line is connected to the case drain port. See the [\*\*Rotation Circuits Requiring a Case Drain Tech Tip\*\*](#) for proper installation.



Lack of routine gearbox oil changes and worn slewing ring gear teeth can also result in a gearbox needing repair or resealing. See the [\*\*Rotation Gearbox Maintenance Tech Tip\*\*](#) for recommendations.

If you have a gearbox failure, contact us for assistance diagnosing the cause. We can also advise on how to prevent a repeat failure.

Genesis uses and stocks parts for Eskridge 50L, 130L and 160L model gearboxes. See the links below for the Eskridge service manuals and part numbers and contact the **Genesis Parts Department** to order.

**Model 50L Service Manual**

**Model 130L Service Manual**

**Model 160L Service Manual**

---

A gearbox shouldn't need frequent repair, but if you have questions when it does, contact Tim at 218-349-5755, **[talseth@genesisattachments.com](mailto:talseth@genesisattachments.com)**, or Loren at 715-919-8316, **[llagesse@genesisattachments.com](mailto:llagesse@genesisattachments.com)**.

An **NPK** Company

1000 Genesis Drive, Superior, WI 54880 | 888-SHEAR-IT (743-2748) Tel: 715.395.5252 | [genesisattachments.com](http://genesisattachments.com)

© 2023 Genesis Attachments, LLC