



Model: 6027AC, 1035AC, 1235 AC, 1250AC Serial #: N/A	Jul. 27, 2017
Product Bulletin # TDS-172 Alert	



Guide Frame Wear Pads

Issue

On some guide runner assemblies, there is a wear pad made of UHMW mounted between the guide runners and the guide runner plate. This is intended to prevent metal to metal contact between the guide runner assembly and the guide track. Over time, the pads can become worn and as a result the pad may be weakened and develop cracks.

Affected Assemblies

The following guide frame assemblies may be affected. Please see the following sections for visual identification and confirmation.

Table 1: Affected Guide Frame Assemblies

AY13279	AY17379	AY20620
AY13630	AY17712	AY20986
AY13889	AY18272	AY21089
AY15421	AY18546	AY22672
AY17248	AY18931	AY22883

Visual Identification

Affected guide frame assemblies are easily identifiable by visual inspection. A wear pad will appear as a long white pad mounted between the guide runners and the guide runner plate. See Figure 1.



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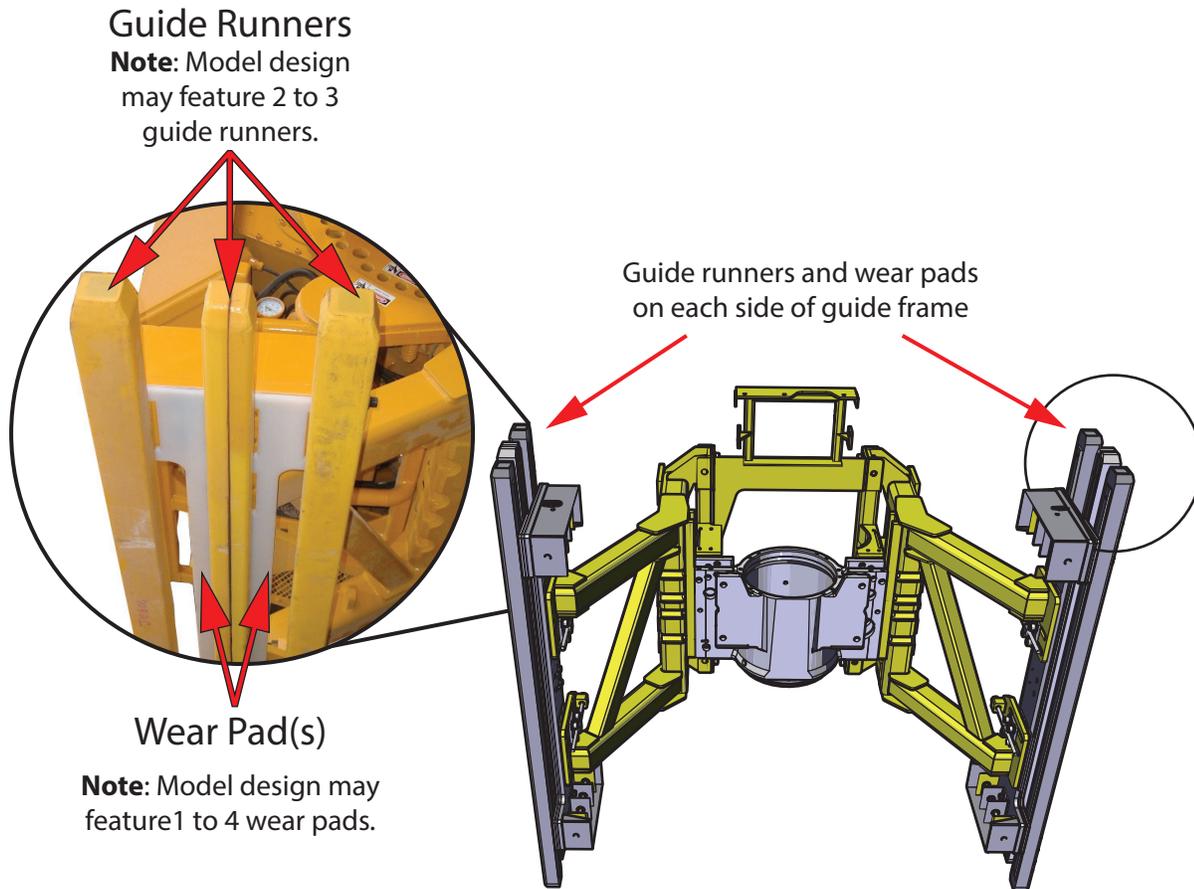


Figure 1: Location of Guide Frame Wear Pads for Batwing Style Guide Frames

Preventive Methods

The guide runner assemblies of the top drive should be shimmed to ensure there is a correct amount of clearance between the guide runner assembly components and the guide track flanges. The rig crew should check the clearance at several locations along the length of the guide track. At the narrowest location, wear pads should have a minimum clearance of 1/4-inch with the guide track flanges.

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Inspection

- Wear pads should be checked periodically for cracks, excessive wear, and other signs of damage. Check to ensure pads are not loose and are properly secured. At a minimum, inspect the guide runners during a rig move or every 30 days.
- If minor cracks are found, pads should be replaced during the next rig move or at the earliest opportunity. Inspect pads more frequently and monitor the progression of cracks until pads are replaced.
- If pads show more than 10% wear, replace pads during the next rig move or at the earliest opportunity. **Note:** The original thickness can be measured by referring to the outside of the wear pads that does not contact the torque guide. See Figure 2. Inspect pads more frequently and monitor the progression of cracks until pads are replaced. Check guide runner assembly and the guide track for proper clearance. Re-shim guide runner assembly if necessary.
- If pads show more than 25% wear, are loose, or large cracks are found, the rig crew should take immediate action to ensure the wear pads are unable to become detached and fall. Worn pads should be replaced at the earliest opportunity.



Figure 2: Measure Wear Pad in these Two Places

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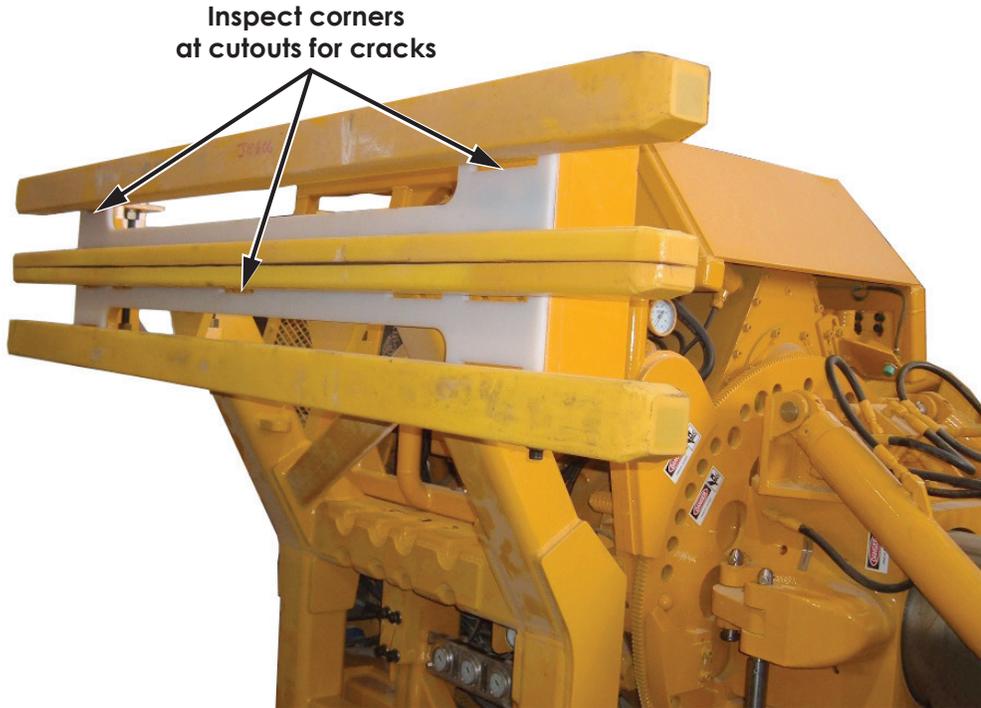


Figure 3: Inspect Corners at Cutouts for Cracks

Recommendation

If pads show wear that exceed the limits mentioned under "Inspection" on page 3, replacement is strongly recommended. Specific wear pad Canrig part numbers are rig-dependent and can be found in Section 6A of an updated parts manual for the top drive. Contact RIGLINE 24/7™ Support for assistance when ordering parts or to help identify anything that is unclear or not contained in the parts manual.