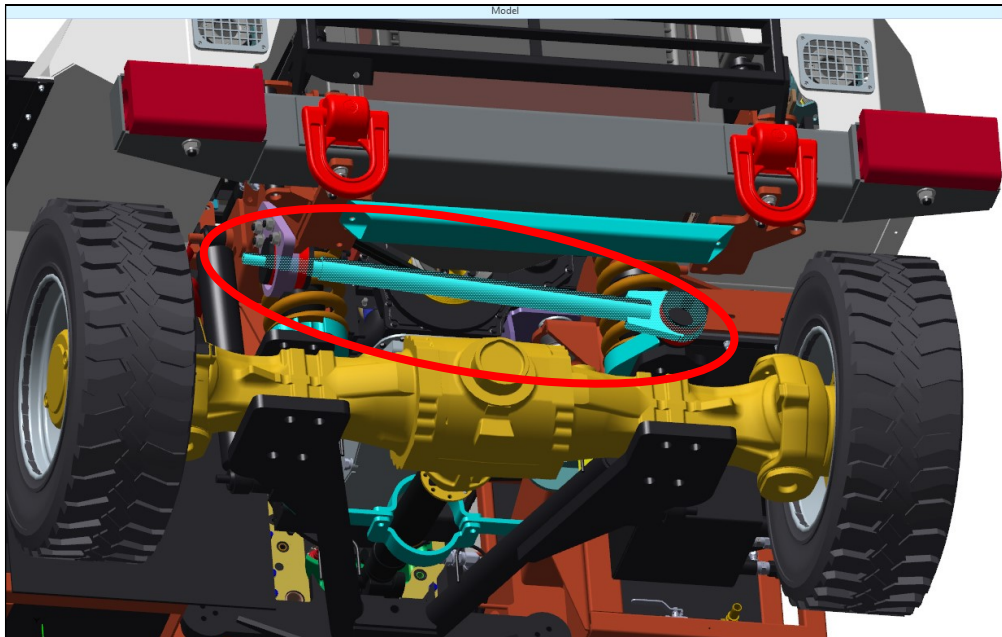




PRODUCT TECHNICAL BULLETIN 36366 TRANSVERSE ARM WELD FAILURE



Date: 26-08-2024
Issue: A
Prepared for: Industry

Applicable machines: MineCruiser Mk6, Mk7

Part numbers: 7-021387-700, 7-021376-700, MC01492, 7-045007-700, ND00986

Background:

The MineCruiser Mk7 and Mk6 are installed with solid axle suspension which consists of an A-frame, springs and transverse arms. Recently, cougar were notified of a failure of a transverse arm that resulted in the separation of the welded pin and tube assembly. The failure was identified during routine servicing.



Figure 1: Pin end showing failed weld and exposed internal rod



Figure 2: Open tube on opposing end hanging near front differential

Communication:

1. Cougar recommends inspection of front and rear transverse arm assemblies, with particular attention to the weld at the pin and tube connection. The joint should be cleaned and visually inspected for weld cracking or damage at the next available service opportunity.
2. As per the Mine cruiser maintenance schedule, visual inspection of suspension components should be done daily.
3. A more detailed inspection of this joint, as described above in point 1 is recommended monthly after initial inspection.
4. Repair is recommended by replacement



Figure 3: Cracked weld at pin/tube joint weld

Please distribute this bulletin to all relevant personnel

Cougar Mining Equipment Contacts in respect to this bulletin:

Operations Manager
Compliance and Business Improvement
Product Support QLD
Product Support NSW
Product Support south coast NSW
Spare Parts Manager

Garrad Latham 0407 272 296
Bill Davidson 0409562 385
Mick Ruhl 0428 561237
Josh Preece 0419880414
Cameron Pike 0428628944
Greg Davies 0422 025 295
greg.davies@cougar.com.au