DATE: June 26, 2020

SUBJECT: Replacement of Axle Bearing Mounting Bolts.

MACHINE MODEL(S): Ride on Tie Plugger (RTP)

SERIAL NUMBER(S): ALL (S/N starting with 530001 and higher)

SUMMARY: The original bolts used to mount the axle bearings to the frame were 4” long. At this length, there was a potential of the bolts shearing off during certain activities. One example of this would be when loading machines on to scorpion cars.

OPERATIONAL IMPACT: Replacing the original 3/4”-10 x 4” Grade 5 axle bearing mounting bolts with 3/4”-10 X 3.5” Grade 8 bolts will help prevent the bolts from shearing off.

ACTION: Remove the existing 3/4”-10 x 4” Grade 5 axle bearing mounting bolts one at a time and replace them with 3/4”-10 X 3.5” Grade 8 bolts P/N 2776105 and torque them to approximately 380ft. lbs. There are two bolts per bearing and a total of eight bolts per machine, allow approximately one hour per machine for change out. See Figure 1.

WARRANTY: None
FIGURE 1

Lockwasher 3065922
Washer 3060488

WHEEL REMOVED FOR CLARITY

New 2776105 Bolt
3/4-10 x 3.5" Grade 8
Qty 4 per Axle, 8 per machine