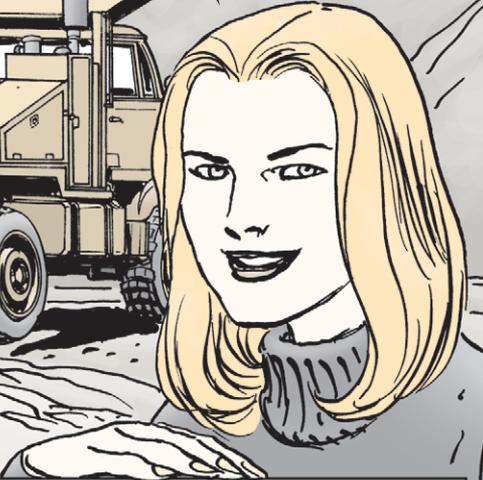


SEE...

SOME BASIC PM PLTS "SLIDE AND GLIDE" IN BACKHOE OPERATIONS.

KEEP THESE AREAS IN MIND SO YOUR EXCAVATOR ISN'T CRYING THE BACKHOE BLUES.



Backhoe

PM TIPS

Keep Bolts Torqued

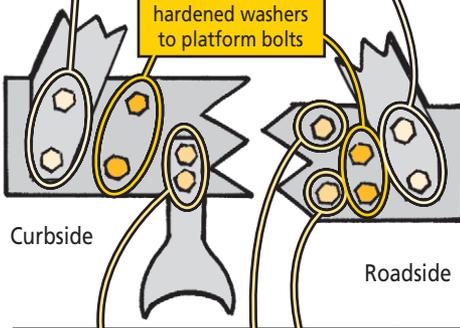
Wear and tear loosens the bolts on the rear fender bracket, sway bar and platform. Loose bolts chew into the vehicle's frame. Then the rear fenders and frame begin to fall apart during operations.

Before that happens, make sure all bolts are torqued properly. The fender bracket bolts should be torqued to 220 lb-ft. Add 16mm hardened washers, NSN 5310-01-305-2539, to the platform bolts and torque 'em to 220 lb-ft. Finally, add 14mm hardened washers to the sway bar bracket and torque the bolts to 150 lb-ft.

Order the 14mm washers on DD Form 1348-6 using CAGE code 64678 and PN 6819900440.

Torque fender bracket bolts to 210-230 lb-ft

Add 16mm hardened washers to platform bolts



Curbside

Roadside

Add 14mm hardened washers to sway bar brackets

Keep Fittings Lubed

One of the grease fittings missed is the one that lubes the backhoe's dipper pivot arm. That's because the fitting is out of sight, right under the bend (pivot) in the arm.

Without lube, the pivot arm's bearing can seize, causing the backhoe to bind. Not good!

So, keep the pivot arm lubed. During scheduled services, give the fitting four or five pumps of grease.

While you're at the back of the vehicle with grease gun in hand, a little lube goes a long way when it comes to the grease fitting for the backhoe's tilt cylinder.

This fitting is usually passed over because it's in the dark when the backhoe is in the transport position. With the backhoe up, the fitting is clear as day.

During scheduled services, pump four or five shots of grease in the cylinder. That way the backhoe will move smoothly back and forth.

Keep pivot arm lubed

