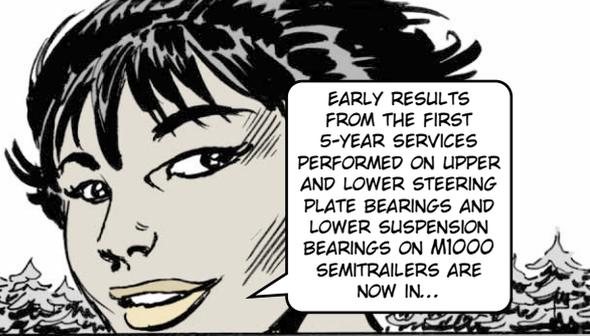


STEERING SYSTEM LUBRICATION

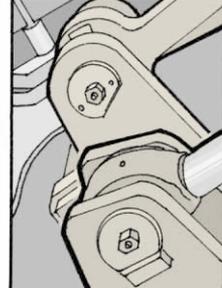
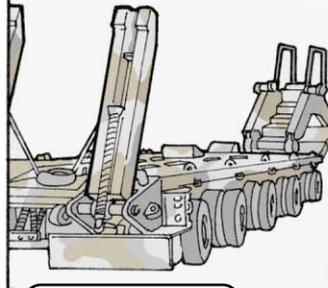


EARLY RESULTS FROM THE FIRST 5-YEAR SERVICES PERFORMED ON UPPER AND LOWER STEERING PLATE BEARINGS AND LOWER SUSPENSION BEARINGS ON M1000 SEMITRAILERS ARE NOW IN...

...AND THEY SHOW THAT THE TRAILERS **AREN'T** GETTING ENOUGH GREASE.

REPORTS SHOW THE LACK OF LUBRICATION **DAMAGES** PINS AND BUSHINGS USED IN THE STRUTS AND STEERING CYLINDERS **SO BADLY...**

...THAT DISASSEMBLY FOR THE SERVICE IS EXTREMELY **DIFFICULT** AND **TIME-CONSUMING.**



THAT TRANSLATES INTO **TWO** PROBLEMS FOR YOU WHO ARE FACING YOUR FIRST 5-YEAR SERVICES...

⊛ Lots more maintenance time than is necessary.



⊛ Even more expense than is necessary, since the pins range in price from about \$200 to more than \$1,000.



Lubing Right

Help out yourself and your unit by doing the lube job right, starting now. Chapter 3 of TM 9-2330-381-14 has the mandatory lube instructions for the M1000. Eyeball Page 3-11, Step 13, for the platform grease fittings vital to the pins and bushings. These fittings are lubed monthly **under normal conditions.**



HERE'S THE EXTRA LUBING INFO THAT YOU NEED TO KNOW...

- ⊛ Lubricate more often during constant use and **twice as often** in extreme dust and sand conditions.
- ⊛ Clean the grease fittings with dry cleaning solvent and dry them off before using the grease gun.

Bum Hardware Problem

The reports also note grease fittings that won't take grease because the bolt that holds the pins and bushings in place has worked loose.

Seems the pins separate from the bushings, which causes the pins and bushings to rub. Soon the grease holes don't line up right and grease can't get where it needs to be. A loose bolt can also cause the seal to malfunction, letting in dirt and dust.

A new bolt is available that will solve this problem. Make notes in TM 9-2330-381-24P and put these new bolts to work now:

NSN 5306-01-472-3328, which is Item 4, Fig 29; Item 6 in Fig 30; and Item 6 in Fig 32.

Part number SW32291-3, which is Item 19, Fig 30. Order it on DD Form 1348-6, using CAGE 98255 with RIC AKZ.

THE HEADSHED WILL ALSO MAKE ANOTHER TM CHANGE TO MAKE PULLING THE 5-YEAR SERVICE AS EASY AS POSSIBLE.

UNTIL THEY DO, ADD THIS NOTE TO STEP 1 IN PARA 3-2 ON PAGE 3-1 IN THE -14 TM...



TM 9-2330-381-14
 Page 3-1, para 3-2, step 1:

If a lubrication fitting will not accept grease, check to make sure that everything is properly tightened. If loose, tighten appropriate parts. If the lubrication fitting still will not accept grease, notify your supervisor.