

## MANUAL LUBRICATION SYSTEM

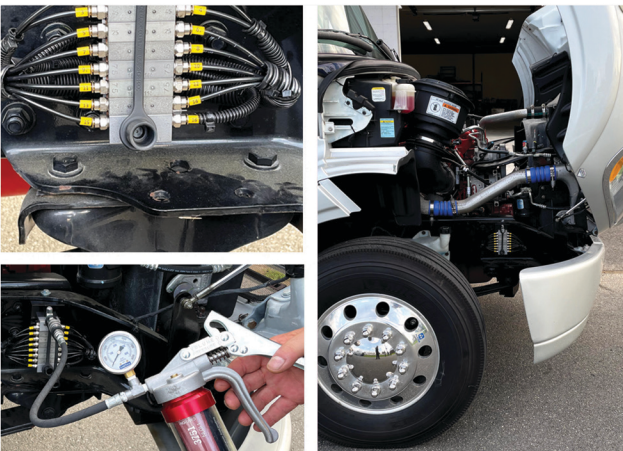


This application did not lend itself to the installation of an automatic lubrication system for a couple of reasons: The unit does not put the number of miles on it annually that a truck used for commercial purposes does, and the owner did not want to install the pump in one of the storage compartments.

So a manual lubrication system was installed. Here 16 lubrication points may be greased via a single point as seen with the grease gun attached to a divider valve through a QD connector.

The operator connects the gun to the divider valve and can confirm delivery by viewing the pin oscillating on the valve. A calculation determines the number of strokes required to meter lubricant to each point and the valve allocates larger volumes of lubricant to the kingpins (or spring hangers if so equipped) than the S camshafts or slack adjusters. Precise manual lubrication of the entire chassis without having to visit each point.

*This solution is an option for a lot of other applications, both mobile or industrial, and the best part is a pump may be added at a later date to fully automate the lubrication system if desired.*



## FOLLOWING POINTS GREASED THROUGH VALVE

Upper and Lower King Pins (4)  
S Camshaft Bushings (4)  
Slack Adjusters (4)  
Tie Rod Ends (2)  
Steering Linkage (2)

