

# RUBBER SHEAR SPRING

## REPLACEMENT CRITERIA

### Rubber Shear Spring Inspection

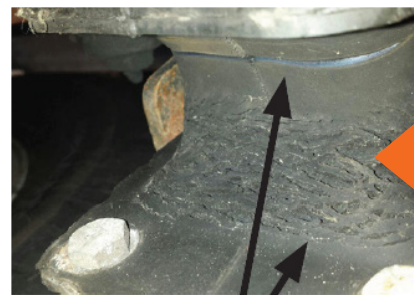
Rubber shear springs should be periodically inspected for any tears or cracks. It is recommended to inspect them during each oil change. If a rubber spring exhibits a 3" long and 3/4" deep crack or tear, the rubber shear spring should be replaced. This can be checked by using a flat tool such as a putty knife. The putty knife can be used to probe the rubber shear spring in the affected area. If the knife can be inserted 3/4" deep, by at least 3" long, the spring rate of the spring is affected and should be replaced.

#### THINGS TO CONSIDER:

- It is normal to see rubber spring weather-checking, which is small surface cracks in the rubber. Weather-checking or spider-webbing does not require a rubber spring to be replaced.
- Every unit has specific axle weight rating specifications. Overloading your unit past its axle weight rating can cause premature wear on your rubber shear springs.
- Shear springs do not need to be replaced until a tear goes all of the way across the body of the shear spring and works its way into the shear spring a minimum of 3/4". Please refer to the images to the right for replacement criteria. If your rubber shear springs are showing signs of significant wear, please contact the MORryde Parts Department at (574) 293-1581.



No signs of tearing. Springs **SHOULD NOT** be replaced



Initial signs of wearing. Springs **SHOULD NOT** be replaced.



1/4" deep tear. Inspect springs periodically for deeper tearing.



Tears exceed 3" long and 3/4" deep, springs **SHOULD** be replaced.



Above. Beyond. Always.

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