



MOR/ryde International, Inc.

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# Rubber Shear Spring Replacement Criteria

## Rubber Shear Spring Inspection (inspect at each oil change)

The rubber springs should be periodically inspected for any tears or cracks. 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. *Note: It is normal to see rubber spring weather checking, which is small surface cracks in the rubber. Weather checking does not require a rubber spring to be replaced.*

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 inches. Below are sample pictures along with our Inspection Numbering System for your review.



Condition 0



Condition 1



Condition 2

## MOR/ryde Rubber Shear Spring Inspection Numbering System

Spring Condition	Description	Action Required
0	No visible signs of tearing	None
1	Initial signs of tearing. 0” to 1” wide, no more than 1/4” deep	None
2	Tear 1” to 3” wide across the shear spring, 1/4” deep	None
3	Tear 3” wide, all of the way across the spring 1/4” to 1/2” deep	Schedule for replacement
4	Tear all of the way across the shear spring, 3/4” or more deep	Replace shear spring