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SPRING CHANGE PROCEDURE FOR EY-CAM (.750" ID)

How to change a spring with the Large Eyelet

The .750" ID Mono ball is used on several chassis to mount a damper. This spring change procedure is a guide to assist you in installing or changing springs.

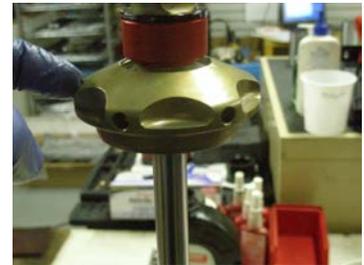
Step 1

Turn the rebound knob to full soft. (Please note your setting from your last set down sheet). Clockwise stiffens; counter clockwise softens damping.



Step 2

Loosen the spring retainer. Use a 1/4" pin tool to turn the spring retainer. This step is usually done in the car prior to shock removal.



Step 3

Loosen the spring 7/8" jam nut. Continue to loosen by hand until it reaches the chrome portion of the shaft.



Step 4

Remove the eyelet assembly. Install Spring



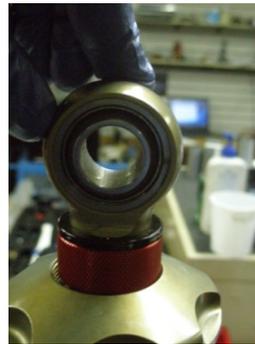
Step 5

Important! Make sure Spring Retainer pins do not fall out.



Step 6

Install eyelet. By Hand bottom the eyelet out on the shaft threads. *Important!* Loosen 1/4 of a turn so that eyelet is not bottomed out. Use grease or antiseize on threads.



Step 7

Torque Jam Nut to 40-45 Ft Lbs.



Step 8

Install spring retainer. Antiseize on the threads. Do not over-tighten. Just snug is acceptable.



Reset the Rebound adjustment -

The Rebound adjuster (REB) is located on top of the shock shaft inside of the eyelet. It affects the entire range of rebound damping and has a range of 4 full revolutions or 48 “clicks” (REB=-24). The rebound adjuster does “**click**” please keep track of your adjustments by the amount of “clicks”. To adjust the shock, turn the “Red Knob” adjuster 3 clicks at a time. (counter clockwise softens; clockwise stiffens).



When installing the shock on the car for the first time, the REB adjuster should be set at minus 24 clicks, from "Full Stiff". This is a good place to start, "mid range".

REB =-24

BASELINE ADJUSTMENT PROCEDURE

REB - Turn the REB adjuster "red knob" **clockwise** until it stops. This is the "0" position. From this position turn the rebound adjuster counter clockwise 24 clicks, or counter clockwise to your setting. The Rebound is now set.

(NOTE: the rebound adjuster opens or closes a needle and seat assembly, this restricts the flow of fluid in small increments. Each click will have an effect on the handling characteristics so do not adjust more than 6 clicks at a time).