



Taking The Shakes Out Of Your Fog Lamps

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Do your fog lamps shake as you are driving? Are they loose when you touch them? Chances are very good the tension springs are worn out and need replacement. And the needed parts are available at your local Ford Dealership.

The Marchal Fog Lamps were designed to pivot in an attempt to minimize damage when they come in contact with a high curb or other obstruction. The tension springs were designed to bring the light back into position. If the mounting bracket was stretched beyond the intended movement, the springs will stretch and, as a result, become loose and shake when the car is in motion.

But this can be fixed!

First order of business is to grab a 13mm socket, extension, and ratchet and remove the fog lamp from the bumper. The bolts are on either side of the fog lamp bracket. Once removed, disconnect the plug and put the assembly, face down, on a bench or work surface.



The large nut in the center is the adjustment nut. By loosening this nut, you can aim the fog light. Grab a 15mm socket or wrench and remove this nut. The tension springs are behind the light and the light must be removed to get to them.

With the light unit out of the way, we can now replace the springs. Part number E6LY-15A261-A is a single spring available at the dealership and cost about \$7 each. One fog lamp requires two springs.

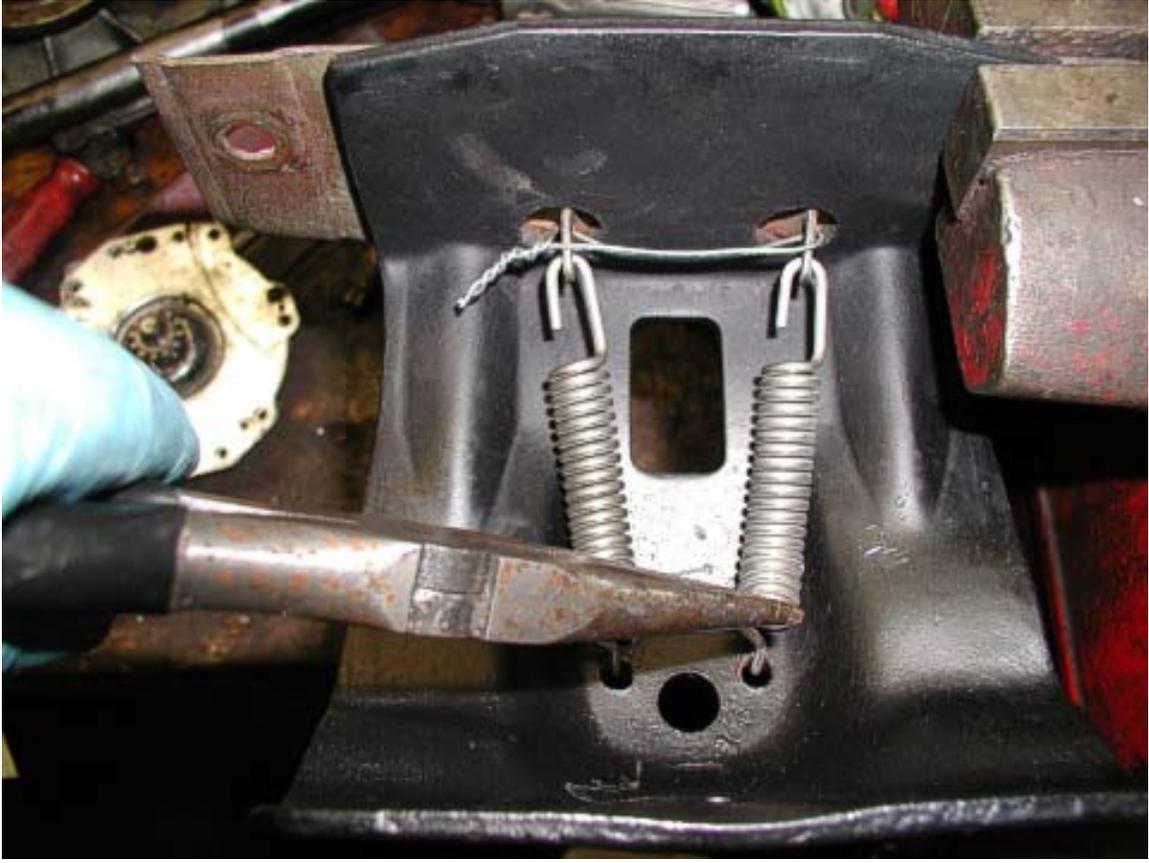


With a pair of needle nose pliers, grab the short end of the spring and pull out of the retaining hole. Pay attention to the position in which they were, the new springs must go back in the same position. Both springs can be removed at the same time and the bracket disassembled for detailing.





Put the bracket assembly in a vise and secure it. The new springs will be MUCH tighter than the old springs. Insert the long end in the pivot mount, hold the short end with a pair of needle nose pliers and stretch so the small end fits thru the retaining hole. A small punch may help push the spring through the hole.



A side-by-side comparison shows how the ends of the old spring were stretched out. My right side fog lamp was extremely loose and would shake when driving the car.



With the springs replaced, reattach the light assembly; leaving the 15mm adjustment nut somewhat loose, we will aim the light later. Reinstall the bracket assembly to the front bumper. I aimed my light at a garage door. Once the light is aimed, tighten the 15mm adjustment nut.



The fog lamp is now noticeable tighter and will no longer shake when driving the car. This took less than an hour.