

**OBS Ford  
Leaf Spring  
Bushing Issue**



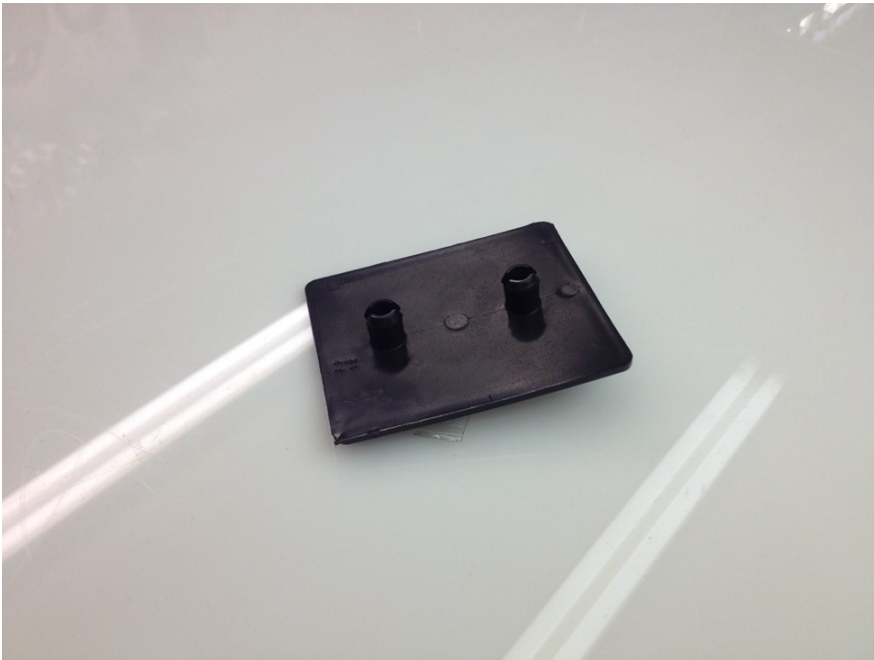
This shows a worn out spring bushing and no spring isolator causing the shackle to be too close to the military wrap on the leaf spring.



Backside of the Leaf spring where the isolator sticks through



Having a worn out bushing locates the bushing pin farther down in the leaf spring from years of vehicle weight and abuse. The isolator pins are still in the leaf spring but the pad itself is worn through. This will cause the military wrap of the leaf spring to sit much farther up into the shackle.



Spring isolators act as bearings and help dampen the springs themselves from noise and give the added 0.1" between the two packs



To disassemble the leaf spring, remove the center pin nut along with the center pin. Lubricating penetrant usually aids in the removal of these. Lastly the two leaves will come apart when the spring clamp (on the end) is spread apart with a hammer.



This is a correctly installed spring isolator and also better shows the spring clamp that needs to be spread for the separation of the leafs.



Here is the other spring isolator installed (two per leaf pack)



The leaf spring is now ready to be reassembled. Line up the leaves in the spring clamp, align the center pin hole (don't forget the thin plastic isolator here shown in the picture) and reinstall center pin/nut. We also offer this center pin isolator in stamped galvanized sheet metal.



Correctly re-assembled leaf spring with isolators



Military wrap side of the leaf spring with isolator installed.



With correctly installed isolators/ bushings, military wrap to shackle clearance is not an issue.

**After**

**Before**

