



# 84-0178 Tow Bar Latch Handle Repair Kit Installation Instructions

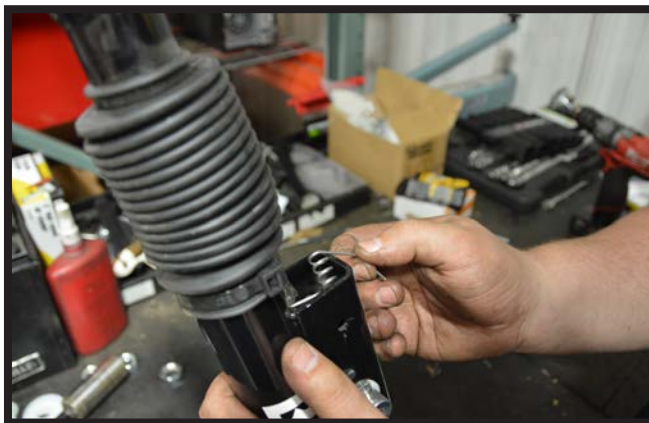
\*\*\*To install this kit you will need to use the spring tool (84-0180) which can be purchased from Blue Ox.\*\*\*



1. Using a flat head screw driver remove the end caps from both sides of the latch housing.



2. Using a roll pin punch, remove the pin from the latch assembly.



3. Remove the spring from the latch assembly.

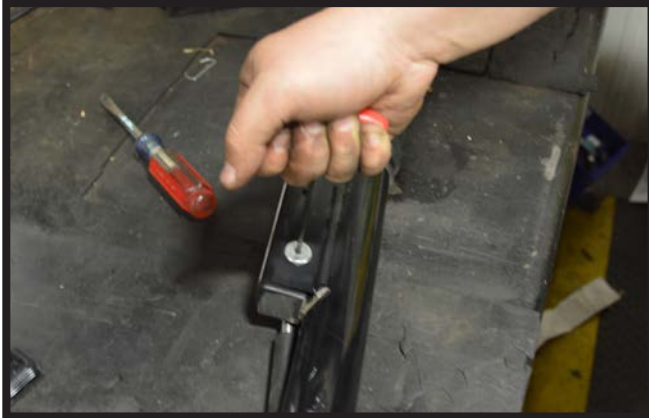


4. Using a blow torch heat set screw to loosen Loctite® Red.



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5. Using an 3/16" Allen wrench remove set screw from latch assembly.



6. Using a flat head screw driver remove the inner release pin.



7. Remove the old latch handle and inner washers.



8. Install new handle assembly with the wide washer on the inside and the narrow washer on the outside.

**Note:** Make suer that the wide washer is on the handle side of the hole (Inset).



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9. Thread new inner release pin from the bottom side of latch housing through hole in latch handle.



10. To install new spring you will need to use the spring tool (84-0180), which can be purchased from Blue Ox.



11. Place spring into tool so that the 90 degree angle on the spring is pointed down.



12. Pull the handle back all the way and the spring is pulled completely into tool.

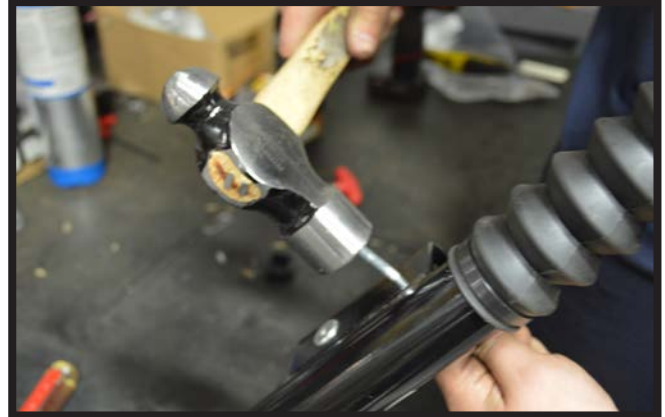


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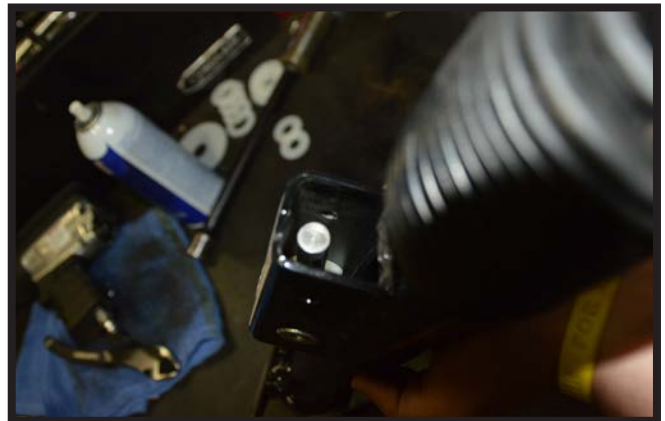
13. Place the spring and tool into the top of the latch assembly.



14. Hammer new spring pin into latch assembly, holding new spring into place. Release handle on spring tool and remove from latch assembly.



15. Apply Loctite® Red to new set screw. Insert new set screw using 3/16" Allen wrench to hold release handle in place. Do not tighten fully.

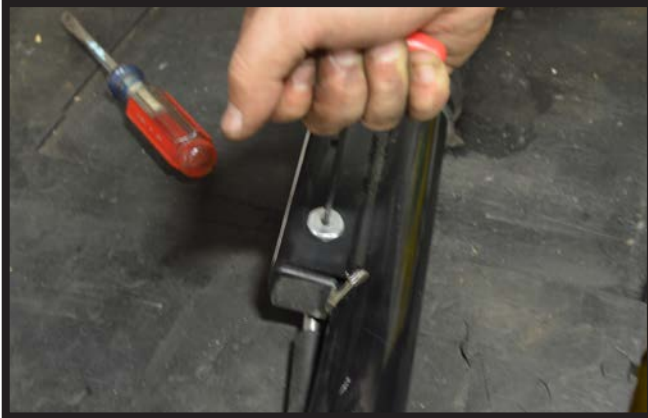


16. To test new latch assembly extend leg and lock into place. Turn lock pin till tight and then turn pin back 1-1/2 turns to get the proper adjustment.



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17. Using a 3/16" Allen wrench tighten set screw fully.



18. Reinstall end caps.

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