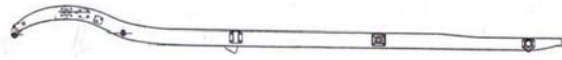


# ***From the Frame Up, LLC***



## **Tech Tips:**

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### **CH332 – Front Axle Cotter Installation**

The TC steering cotter pins are important for 2 reasons. First they secure the king pin and second; they provide a steering stop for the front wheels. This is another FTFU quality and originality item. The cotter pins have been made to replicate the original pattern cotters with a large head. The following instruction will help to ensure that their installation is done correctly.



1. Insert the kingpin and line up the flat on the king-pin with the cotter-pin hole.
2. Insert the cotter, head to the REAR, lightly tapping it in.
3. Remove cotter, but **DO NOT** hit the ¼" thread! Instead, use a screwdriver and twist between the large dome head and the axle eyelet.
4. Examine the flat on the cotter for markings where it made contact with the kingpin.
5. File the flat until the marks are gone. Then put the cotter pin back in and repeat the process until there is a 20-thou (0.5mm) gap between dome head and axle itself.
6. Only at this point, hammer the cotter pin fully home and put on the ¼" lock washer and nut. If you file off a bit too much, just back off the dome head before hammering home.
7. Again, never try to remove a cotter by hitting the ¼" end, even if you think it is not tight!

Safety Fast!

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