

# A Photo Guide to Changing a Model T Tire

by  
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1. Set up a working surface approximately 30 inches above the floor. Replacing a Model T tire tube or changing a Model T tire is best accomplished with the aid of a helper (a two person job).

This procedure describes changing a tire without the use of a Flap.



## **2. Assemble the proper tire changing tools:**

Rubber Lube (yellow liquid) with can and paint brush (available from auto parts stores)

Baby powder

Air pressure gauge

Air chuck

Needle nose pliers

Rubber tipped air nozzle

Hose clamp with proper size nut driver

Tire stem tool

A variety of tire irons

A high quality tire iron of the type used in this procedure may be obtained from

Paul "Bud" Jonas, 1722 W. State St., Belding, MI 48809 tel 616-794-0433

Air compressor

Before beginning this procedure, ensure that approved safety glasses are worn during the entire process.



3. Remove Schrader Valve from tube stem with special tool to let out any existing air in tube.



4. Break loose upper clincher bead and pry out with tire iron.





5. Flip tire and rim over and break loose clincher bead.



6. Pry out upper clincher bead using tire irons. Remove clincher rim from tire assembly. Clincher rim is now ready for cleaning and painting if desired. If tire is going to be reused, check inner surface of tire for nails or other objects that might puncture new tube.



7. Check to insure tube stem will fit thru clincher rim hole. Drill out and deburr if necessary. In addition, check entire perimeter of rim for any burrs or sharp edges. Remove by filing or grinding until smooth.



8. Apply baby powder to tube.





9. Spread baby powder out over surface of tube.



10. Install powered tube inside of tire.



11. Inflate tube using rubber tipped air nozzle. Schrader valve removed.



12. Coat the clincher bead with rubber lube.





13. Coat clincher rim with rubber lube on surface shown.



14. Set tire and tube assembly on rim with tube stem directly above hole in rim. Work lower clincher bead into rim as shown.





15. Lower bead is now inside of clincher rim. Lift upper bead and work stem thru hole in clincher rim using needle nose pliers.



16. Tube stem inserted thru clincher rim hole. Using tire stem tool pull stem out thru hole and install hose clamp as shown.



17. Install upper bead into the clincher rim.



18. Inflate tube with rubber tipped air nozzle and remove hose clamp. Bounce tire on ground surface. Inflate tire gradually until full pressure is achieved. Check tire integrity continuously during inflation process.





19. Repeat the bounce approximately every 30 degrees around the tire circumference.



20/ Reinstall Schrader valve. And carefully inflate. Check integrity of tire and clincher rim during inflation. Final air pressure 55 to 60 psi. Tire assembly is ready for installation on the Model T.