

# The F-100 Steering Box

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Instructions provided by Rand Gross

Special tool produced by Bryan Thompson

The F-100 steering box has become a popular addition to a Model A Ford. The boxes were originally in 1956 Ford pickups. They make for much better steering of the Model A as long as they are adjusted correctly to minimize play in the steering wheel. Most people do not know how to adjust them correctly.

Randy Gross produces F-100 steering boxes modified to install in a Model A. He has also provided the Model A kingdom with the proper procedure to make the adjustment. Bryan Thompson has produced a nifty off-set screwdriver tool to make the task easy.

## Ford F100 Steering Box Adjustment Procedure

1. Get front wheels perfectly straight
2. Remove drag link from Pitman arm (let it hang down if necessary)
3. Center the steering wheel – absolute center (turn lock to lock, count turns and mark with masking tape if needed), turn back halfway – about 2 5/8 turns. Double check.
4. Push Pitman arm front to rear – notice the slack
5. Locate adjusting screw – engine side of box, near engine
6. Loosen adjusting screw jam nut (3/4 inch wrench) while holding adjusting screw in exact position with offset screwdriver
7. Turn adjusting screw 1/8 turn clock wise
8. Check Pitman arm again for slack
9. If no slack go to 13
10. If slack turn adjusting screw another 1/16 turn clock wise
11. Check Pitman arm again for slack
12. Repeat 10 and 11 if needed
13. Put small dab of Permatex Form-A-Gasket #2 (non-hardening) behind jam nut
14. Tighten jam nut while holding adjusting screw in exact position with offset screwdriver
15. Align drag link to Pitman arm and reattach

Randy Gross' adjustment procedure





**Bryan Thompson's off-set screwdriver tool used in steps 6, 7, 10, and 14.**