



Installation Update Lock-Right Model #1810 Manual Addendum #1000-760

The model 1810 Lock-Right for the Ford 9-inch [differential](#) has been on the market for about five years. In that time many thousands have been sold, and the Lock-Right is successfully being used world-wide.

During recent months, problems with fitting some of the internal differential parts have occurred. This has lead to the conclusion that some parts in the field may be either of very early Ford manufacture (late 1950's) or made by aftermarket sources.

The thickness of the combination of only the side gear and Lock-Right driver (no thrust washer installed), with the teeth meshed, should be 1.165-inch minimum! If this measurement is under 1.165-inch, the Lock-Right will not operate properly, and the drivers and pins may become damaged.

Be sure to check this measurement with a micrometer or dial caliper before installation. If these instruments are not available, the combination may be placed on a table top and measured with a ruler. the combination should measure slightly less than 1-3/16 (1.188-inch). If this measurement is less than the minimum 1.165-inch, the gears are incompatible with your new Lock-right and the correct ones must be obtained before installation.

Note: For reference--we have found two different designs of incompatible side gears. One side gear and driver combination measures 1.107-inch thick, and the other combination measures 1.140-inch thick. Neither one will operate properly, as detailed above.

Also note: Check the side gear thrust washers, which must be placed under the side gears during the installation. They should be about 0.030-inch thick and be free from cracking and/or galling.

