

Lock-Right Model 1220

Chrysler Corp. 9-1/4-inch Axle

Welcome to the growing family of LOCK-RIGHT owners! Your new LOCK-RIGHT will give your vehicle *extreme* performance and we trust that you will be pleased with your purchase.

In 1984, Dodge changed the design of the 9-1/4-inch differential to one with a thicker C-Clip. Your new LOCK-RIGHT contains two hardened-steel shims that will allow it to fit either differential, which were both in use from 1984 through 1987. To determine which type you have, use the following procedure:

1. Place a shim (large washer) into the center of one of the couplers with a little grease to help hold it in.
2. Install the coupler with a thrust washer into the differential case.
3. Carefully push the axle shaft into the coupler splines, keeping the coupler seated.
4. Install the C-Clip and pull the axle out sharply to seat it in the pocket.

5. Insert the pinion shaft into the case. If it will insert past the axle shaft, your differential has the early C-Clips and the shims must be used. If the pinion shaft bumps into the end of the axle shaft, your differential has the later C-Clips and the shims will not be used.
6. Note: the differential housing on all late C-Clip axles has an "X" stamped at the 3 O'Clock position on the differential cover mounting surface.
7. As a final check, determine the axle shaft end play. With the pinion shaft in place, pull the axle shaft in and out; it should move only about .020-inch or so.

POWERTRAX[®]
Extreme Traction Systems