

Rebuilding Model T Rear-End Checklist

(This is to be used with MTFCA Front and Rear Axles guide book)

The Drive Shaft Assembly

1. (5171) **universal joint:** [] (2574) pin (always replace) [] rivets tight [] wear ok (0.010-0.020")
2. (2595B) **drive shaft:** [] surface (0.095-1.000") [] under sleeve surface (1.000") [] threads ok [] straight
3. (2589) **thrust bearing assembly:** (2591) steel races x2 [] ok, (2591B) bearing [] ok
4. (2596) **inner bearing sleeve** [] ok (1.248-1.250"), (2598B) woodruff key [] ok, (2598) nut [] ok
5. (2587) **pinion bearing** [] ok (0.560-0.562)
6. (2583/B) **drive shaft spool** [] ok (2.372-2.375), [] fit in assembly ok
7. (2581) **drive shaft bushing** [] brass and ok (.002-.003 side-to-side play, 0.002-.005 end play)
8. (2597B/2518) **ring gear and pinion** [] pinion ok, [] ring gear ok, [] proper engagement (see page 28)

The Differential Assembly

1. (2501/2) **right/left axle housing** [] ok, [] sleeve ok (2.210"), [] pin ok, [] housing straight (see page 27)
2. (2511) **inner seals** [] ok (modern recommended), (2510S) outer seal [] ok (modern recommended)
3. (2505) **axles** [] bearing surface ok (1.060-1.062"), [] gear shoulder diameter ok (1.806-1.807")
4. (2508) **roller bearings** [] ok (0.4800-0.500") [] cages tight
5. (2509/09B) **axle bearing sleeves** [] ok
6. (2524/26) **differential gears and spider** [] spider gear arm play ok (0.005-0.007")
7. (2528/2529) **thrust washer assembly** (2529) [] steel thrust washer ok (>0.090"), (2528) [] bronze & ok
8. (2512C) **left differential housing** [] axle bearing clearance ok (0.005-.0010"), (2531B) thrust washer pin ok []
[] chuck housing into a lathe and make sure the mounting surface for the ring gear has zero run-out
9. (2513C) **right differential housing** [] axle bearing clearance ok (0.005-.0010"), (2531B) thrust washer pin ok []
- (2506) [] axle shaft washer (two may be needed), (M600) [] 600W differential oil, [] new gaskets and shims if needed

