



Spindle Removal & Install

Tool's Required

1. Pillar Disc Spindle Press Tool
2. Porta-power
3. 1-1/8" wrench
4. 3/4" wrench
5. 15/16" wrench
6. Torque wrench
7. Bushing driver
8. Reamer
9. Rag
10. Pliers
11. Grease Gun



1. Remove the cotter pin from the castle nut



2. Remove the castle nut



3. Remove the carriage bolt



4. Loosen the clamp bolt

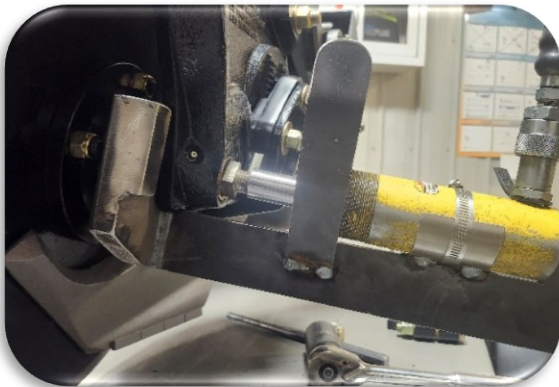
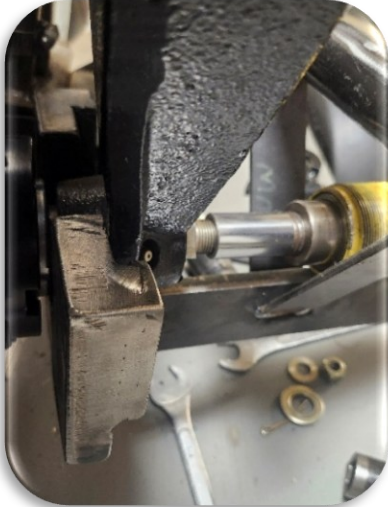


5. Remove the depth indicator



6.If necessary, use a Porta-power to press the spindle out of the assembly

DO NOT DAMAGE SPINDLE THREADS!



8.Remove the steel bushing and any debris



9. Install the new bushing using a bushing driver



7.Remove the cleaner wheel and disc/
hub assembly



10. Use a reamer to size for proper fit



11. Remove any debris



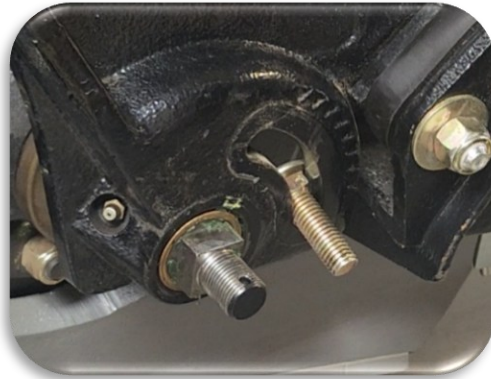
12. Install the disc & spindle assembly



13. Ensure the spindle is correctly positioned as shown before proceeding



14. Install the carriage bolt



15. Re-install the depth indicator



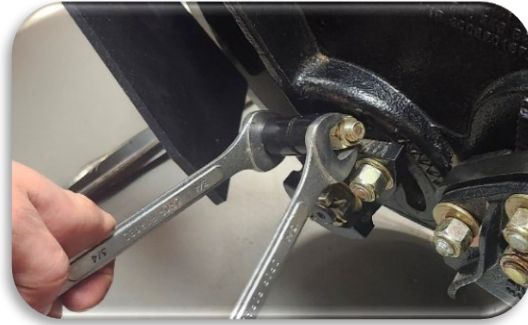
16. Install washers and nuts on each bolt and tighten finger-tight



17. Set the depth indicator to the second- highest position



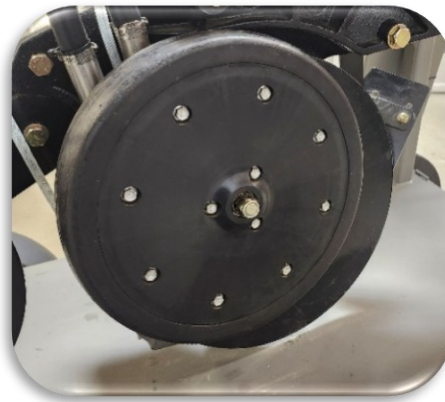
20. Tighten the clamp bolt



18. Torque the carriage bolt to **70ft-lb.**



21. Install the cleaner wheel and tighten the retaining nut



19. Tighten the castle nut, install the cotter pin, and bend the ends



22. If equipped apply grease generously to the zerk fitting

