



STOP---READ THIS FIRST

Toyota 2" Drop Spindles

2WD ONLY

ALWAYS USE PROPER TOOLS AND SAFETY PRECAUTIONS AFTER FOLLOWING REPAIR MANUAL INSTRUCTIONS TO REMOVE CALIPER AND ROTOR FOLLOW THESE STEPS:

1. USING A FLOOR JACK, RAISE THE TRUCK AND SUPPORT IT ON JACK STANDS. REMOVE THE WHEEL ASSEMBLY.
2. REMOVE BOTH BRAKE HOSE MOUNTING BOLTS FROM THE BACK AND TOP OF THE SPINDLE.
3. REMOVE THE CALIPER BOLTS, TAKE THE CALIPER LOOSE FROM SPINDLE AND MOVE IT OUT OF THE WAY (SUPPORT WITH A BUNGIE CORD OR WIRE SO THAT HOSE DOES NOT STRETCH.
4. REMOVE THE ROTOR FROM THE HUB ASSEMBLY.
5. DISCONNECT THE ABS SENSOR PLUG FOR THE HUB ASSEMBLY.
6. REMOVE THE ABS SENSOR FROM THE SPINDLE.
7. REMOVE THE HUB ASSEMBLY FROM THE SPINDLE.
8. DISCONNECT THE UPPER BALL JOINT, LOWER BALL JOINT & TIE ROD END.
9. REMOVE THE SPINDLE FROM THE TRUCK.
10. INSTALL THE HUB ASSEMBLY AND DUST SHIELD ON THE NEW SPINDLE.
USE ALL OF YOUR ORIGINAL HUB BOLTS. LOCKTITE AND TIGHTEN THE THREE BOLTS SECURELY.
(TIGHTEN TO MANUFACTURERS SPECIFICATIONS)
11. INSTALL THE UPPER BALL JOINT USING THE FACTORY NUT.
12. INSTALL THE LOWER BALL JOINTS INTO SPINDLE USING THE FACTORY NUT IF YOU ARE USING 20" OR LARGER WHEELS.
- 12A. IF USING SMALLER THAN 20" WHEELS, USE THE SUPPLIED NUTS WITH LOCK-TITE & MAKE SURE YOU TRIM THE EXCESS BALL JOINT THREADS (THE STUD SHOULD BE FLUSH WITH THE NUT). DOUBLE CHECK FOR WHEEL CLEARANCE TO BE SURE THE STUD DOESN'T HIT THE WHEEL.
13. TIGHTEN BOTH BALL JOINTS TO MANUFACTURERS SPECIFICATIONS.
14. INSTALL THE TIE ROD TO THE SPINDLE ARM AND TIGHTEN TO MANUFACTURERS SPECIFICATIONS.
15. INSTALL THE ABS SENSOR ONTO THE NEW McGAUGHY'S SPINDLE USING THE FACTORY BOLT.
16. INSTALL THE ROTOR ASSEMBLY.
17. INSTALL THE CALIPERS AND BOLTS USING LOCK-TITE TO TIGHTEN TO MANUFACTURES SPECIFICATIONS AND RE-INSTALL BOTH MOUNTING BRACKETS WITH FACTORY BOLTS.
18. PLUG THE ABS SENSOR BACK INTO THE FACTORY PLUG.
19. INSTALL THE WHEEL AND TIGHTEN THE RIM TO FACTORY SPECIFICATIONS. INSPECT RIM CLEARANCE TO ALL PARTS OF THE SPINDLE MAKING SURE THERE ISN'T ANYTHING RUBBING.
20. SPINDLES COME WITH A STEERING STOP (8mm HEX BOLT ON THE LOWER REAR OF SPINDLE). IF USING 20" OR LARGER WHEELS, YOU CAN REMOVE THE STEERING STOP. IF THE STEERING STOP IS REMOVED, SMALLER DIAMETER WHEELS WILL RUB THE LOWER A-FRAME.
21. REPEAT THE PROCEDURE FOR THE OTHER SIDE OF THE VEHICLE.
22. THE TRUCK WILL NOW NEED TO HAVE THE FRONT END ALIGNMENT CHECKED AND ADJUSTED.
23. AFTER 10 MILES RECHECK THE TIGHTNESS OF THE WHEEL LUG NUTS.

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