



PART # 33002
2" DROP SPINDLES
for 1999-06 GM 1500

2000C Spindles - Must use 16" or larger wheels



- If you are the installer only, and not the owner of the vehicle, please make sure the owner of the vehicle gets these instructions. They contain very important information about the kit, maintenance, and warranty.
- Before moving forward with installation, please layout all parts from boxes and ensure everything is present. If any parts are missing, please contact McGaughy's Suspension immediately at 559-226-8196.
- If you alter the finish of any of the provided components, like zinc plating, chroming, or powder-coating, which can cause damage to the strength and structure of the metal, any warranties will be null and void.
- If any components are ground on or modified in any way, then no returns or exchanges will be accepted and any warranties will be null and void.
- Spindles are shipped with protective coating on surface. This allows them to be delivered to you without rust. We recommend you clean and paint the parts before you install, to protect against any future rust. Remember, spindles are bare metal, and will rust without paint.



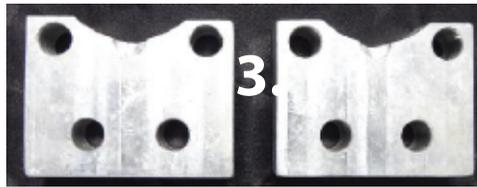
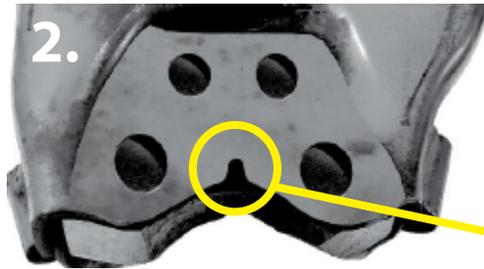
McGAUGHY'S
S U S P E N S I O N P A R T S

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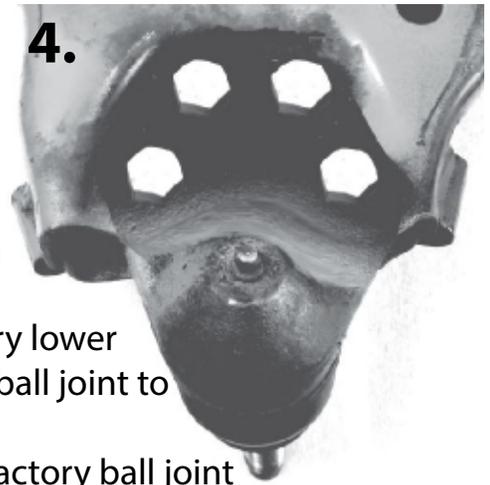
WARRANTY INFORMATION

- McGaughy's warrants all **McGaughy's** products against manufacturer's defects in materials or workmanship for a period of **ONE-YEAR** from the date of original purchase. All McGaughy's spindles carry a **LIFETIME** warranty against manufacturer's defects.
- Warranty will not extend to any product or part there in, that has been improperly installed, abused, or neglected
- McGaughy's will not warranty any product(s) that were modified in any way. Check fit all products prior to custom painting, powder-coating, or any form of fabrication (sanding, drilling, painting, chroming, etc).
- There are **NO WARRANTIES** neither expressed nor implied for powder-coating on any McGaughy's products.
- McGaughy's is not responsible for damages and/or warranty of other vehicle parts (factory or aftermarket) related or non-related to the install of McGaughy's component(s).
- Warranty is limited to the repair or replacement (of McGaughy's product only), at McGaughy's discretion. And only after inspection of the defective part, once returned to McGaughy's with proof of purchase, date of purchase, and all shipping costs prepaid.
- Any cost of labor, freight, incidental or consequential damages are expressly excluded from warranty.

1. Remove tie rod nut.
2. Remove ABS wire.
3. Remove all brake lines and wires from spindle. **DO NOT DISCONNECT BRAKE HOSE FROM CALIPER.**
4. Remove caliper bolts. Secure caliper with bungee or wire. Be sure to not stretch any wires or hoses.
5. Remove rotor and remove hub assembly.
6. Compress coil spring using proper spring compressor and remove.
7. Remove upper ball joint nut.
8. Remove lower ball joint nut.
9. Remove factory spindle from vehicle.



MUST NOTCH HERE



10. The lower ball joint will need to be relocated to the top of the lower control arm. We provide a spacer to fill the gap left when you remove the factory lower ball joint.
11. Drill out the four rivets that hold the lower ball joint in the factory lower control arm. You will need to grind a small notch on the top for the ball joint to fit. (pics 1-2)
12. Install provided spacer plate into lower control arm, where the factory ball joint was. Round part will face out. Now place the factory lower ball joint on top of the lower control arm and install using the supplied hardware. (pics 3-4)
13. Install the provided M12 stud into the new drop spindle using the top hole. Be sure to use loctite and torque to 75 lbs.
14. Install the hub assembly onto the drop spindle using the provide top M12 bolt and two factory bolts for the lowers. Be sure to loctite the factory bolts too.
15. Re-install the coils into the factory location and install the new drop spindles onto the upper and lower ball joints. Torque to factory specs.
16. Re-install the outer tie rod end into the drop spindle. Torque to factory specs.
17. Please note, you may need to cut the excess threads on the lower ball joint. This depends on the wheels you are running. Be sure to check before installing your wheels.
18. Re-install rotors and clipers. Be sure to use loctite on the hardware. Torque to factory specs.
19. Slide rubber brake hose through the factory mounting brackets so that when they are bolted to the drop spindle, there is no stretching or binding. Then bolt the bracket to the drop spindle using loctite. Be sure to turn the spindle fully to make sure nothing is rubbing, stretched, or pinched.
20. Now re-install the wheel and torque to factory specs. Repeat this process on the opposite side.

VEHICLE MUST BE ALIGNED BEFORE DRIVING. RETORQUE LUG NUTS AFTER 10 MILES.