



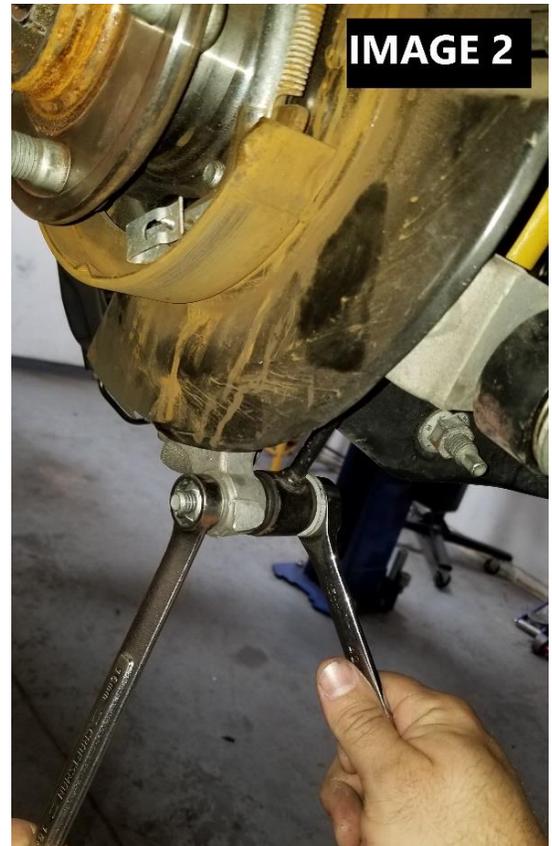
15" Conversion Spindle Installation Instructions

TOOLS REQUIRED:

- Hydraulic jack and jack stands
- Metric and standard socket and wrench set
- E14 Inverted Torx, T30 Torx bit
- Mallet
- Needlenose pliers
- Hub nut socket

INSTALLATION:

1. Lift the rear of the vehicle and safely support on jack stands. Remove both rear wheels.
2. Use an 18mm wrench to remove the brake caliper (**IMAGE 1**) and support it from the vehicle. Remove the pads and rotors
3. Use a 16mm and a 15mm wrench or socket to disconnect the sway bar end links from the spindle **IMAGE 2**

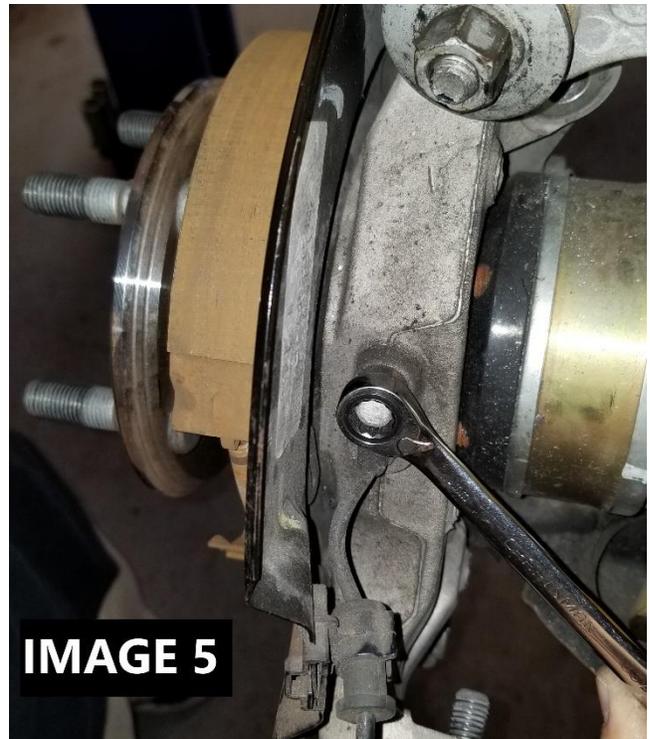


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4. Use a needlenose pliers to remove the clips holding the parking brake shoe assembly. There is one on the top and bottom, just behind the hub assembly **IMAGE 3**
5. Remove the parking brake shoes from the spindle
6. Remove the torx bolt from the parking brake cable and slide the cable out of the spindle **IMAGE 4**
7. Remove the bolt retaining the wheel speed sensor with an 8mm wrench and gently pull it from the spindle **IMAGE 5**



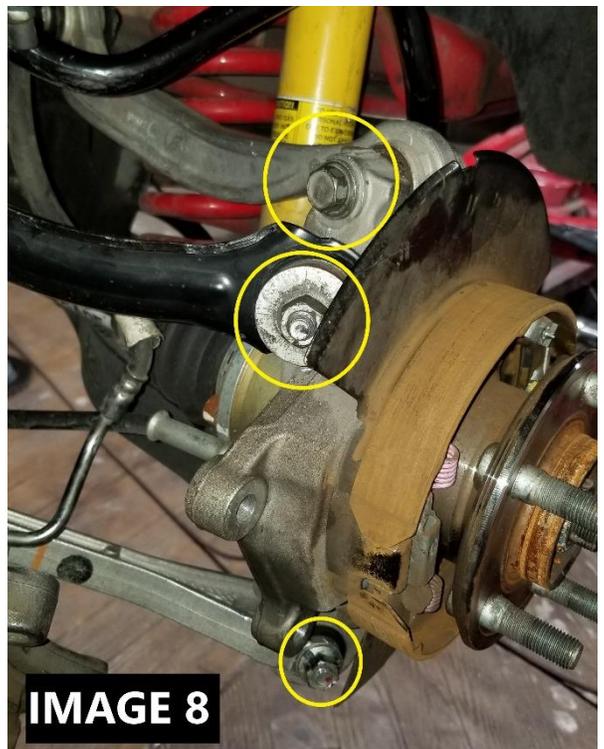
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8. Use an impact to remove the hub nut from the axle stub and drive the axle out of the hub assembly with a mallet **IMAGE 6**
9. Use a pair of 18mm wrenches to unbolt the spindle from the lower control arm and lower trailing arm **IMAGE 7**
10. Disconnect the bolts holding the control arms, trailing arms and toe rods so the spindle may be removed. **IMAGE 8**



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11. Remove the four E14 bolts from the back of the spindle holding the hub retainer. Removing this will allow you to take the hub bearing from the old spindle and transfer it to the new spindle **IMAGE 9**
12. Transfer the parking brake shoe damper and dust shield from the old spindle to the new one. **IMAGE 10, 11**
13. Insert the axle stub into the hub assembly and torque the hub nut to factory specifications



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14. Attach the new spindle to the lower control arms and begin reconnecting the trailing arms, control arms and toe rods. Assemble hand tight before final tightening

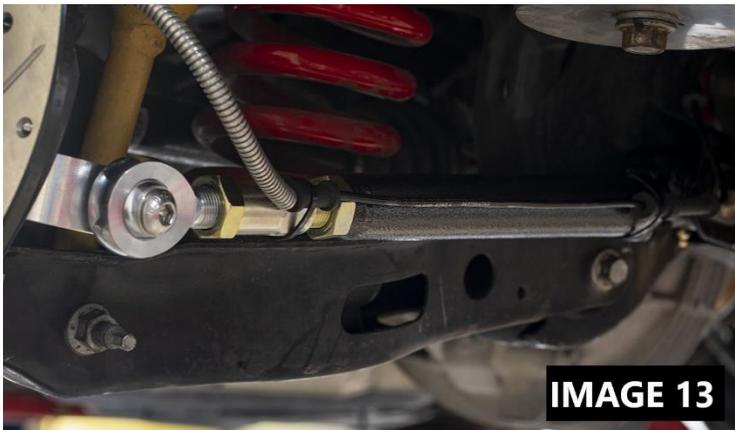
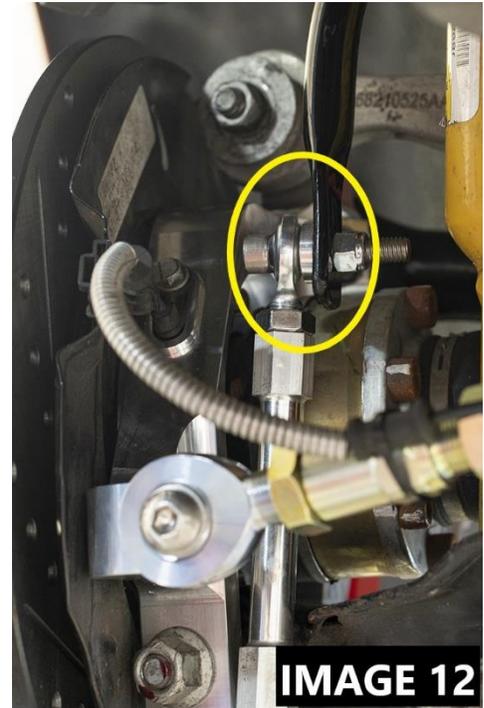
15. The adjustable length sway bar endlink will be necessary for this installation as the mounting point is now much shorter on the spindle. Be sure to install it with the spacer between the rod end and the sway bar **IMAGE 12**

16. Reattach wheel speed sensor and use zip ties to fasten the wire to the Toe Rod **IMAGE 13**

17. Slide the parking brake cable through the spindle and reassemble the parking brake shoes in reverse order from how they were taken apart

18. Slide the rotor onto the wheelstuds and attach the brake caliper using factory hardware. If you are using the Wilwood calipers for 15" conversion, attach the caliper adapter bracket as shown in **IMAGE 14**

19. Put the wheels back on and lower the car



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