

Spohn Performance, Inc.

494 E Lincoln Ave Myerstown, PA 17067

1-888-365-6064 www.spohn.net

Part #C10-1400A – Level 5 - 1,400 HP Axles/CV Joints 2010+ Chevrolet Camaro

USE OF THIS PRODUCT IS ACCEPTANCE OF SELLER'S DISCLAIMER OF WARRANTY!

All axles covered under this warranty are for repair only. All returns must have a return authorization number. Axles returned without an RMA number will be refused. Please understand that axles cannot be returned for any reason unless it is within the warranty period.

These Level 5 axles are covered under warranty for **12 months from the purchase date**. The axles are covered for repair only. We will not be held responsible in any way for loss of time, loss of money or reimbursement for damage caused by the products.

Torn or ripped boots are not covered by warranty. Axle damage caused by torn or ripped boots will not be covered under warranty.

These are performance products and should be installed by certified professionals, we will not be held responsible for loss of money, time or inconvenience caused by the use of our products and by installing the unit you are agreeing to all of these terms and conditions and release Spohn Performance, Inc. and it's distributors of any and all liability.

Any and all warranty claims must be returned with a copy of the original invoice.

Product Returns: These Axle CV kits are a custom built item and may not be returned for any reason other than warranty repair as explained above.

Instructions follow on the next page. To see step by step installation pictures go to:

<http://www.spohn.net/2010camaroaxles>

Installation Instructions

Jack up the rear of the car and support with jack stands, block the front wheels.

1. Remove rear wheel with a 7/8" socket
2. Remove the axle to wheel nut with a 1.25" socket
3. Disconnect the brake line from the rear upper control arm with a 10mm wrench
4. Disconnect the ABS line from the inner rear spindle with a 10mm wrench
5. Disconnect the rear upper control arm from the rear spindle with a 18mm wrench
6. Disconnect the rear toe link from the rear spindle with a 18mm wrench
7. Disconnect the rear lower trailing arm from the rear spindle with a 18mm wrench
8. Disconnect the rear sway bar end link from the rear lower control arm. Remove the lower shock mounting bolt from the rear lower control arm with a 21mm wrench. Disconnect the rear lower control arm from the rear spindle with a 18mm wrench. Note on steps 6-8 you are only disconnecting the suspension pieces from the spindle end, do not disconnect the cradle mounted ends. There is no need to completely remove them and keeping the cradle mount ends in place will eliminate any alignment changes.
9. Pull the rear spindle off of the end of the axle and tie it up securely by wrapping a rope around the wheel studs and securing the other end of the rope to the vehicle.
10. Pull the axle out of the rear end
11. Generously grease the splines on the differential end stub end of the new axle
12. Hold the axle so the c-clip is facing DOWN on the differential mounted stub end
13. Gently slide the axle in to the differential (c-clip facing DOWN) until you hear and feel it bottom out. If you need to tap the axle in to the differential be sure to use a block of wood between the axle and the hammer so you do not mar the spindle stub's splines.
14. Generously grease the splines on the spindle end stub end of the new axle
15. Untie your spindle and slide it over the end of the axle
16. Install the rear upper control arm's mounting bolt in to the spindle mount hand tight only
17. Install the rear lower trailing arm's mounting bolt in to the spindle mount hand tight only
18. Install the rear lower control arm's mounting bolt in to the spindle mount hand tight only
19. Install the rear toe link's mounting bolt in to the spindle mount hand tight only
20. Install the rear lower shock mount bolt through the rear lower control arm hand tight only
21. Install the rear sway bar end link mounting bolt through the rear lower control arm's mount hand tight only
22. Now go back and tighten Steps 16-21 to the proper torque specifications (see below)
23. Reinstall and tighten the brake line to the rear upper control arm
24. Reinstall and tighten the ABS line to the rear spindle
25. Install the axle to wheel nut and torque to 199 ft./lbs. with a 1-5/16" socket. You will need to apply the hand brake before attempting to torque the nut. Do NOT re-use the stock axle to wheel nut. Use the axle to wheel nut that was supplied with your new axle.

Torque Specifications:

- Step 16 - Rear Upper Control Arm to Spindle Bolt: 44 ft./lbs.
- Step 17 - Rear Lower Trailing Arm to Spindle Bolt: 30 ft./lbs.
- Step 18 - Rear Lower Control Arm to Spindle Bolt: 35 ft./lbs.
- Step 19 - Rear Toe Link to Spindle Bolt: 103 ft./lbs.
- Step 20 - Rear Lower Shock Mounting Bolt: 59 ft./lbs.
- Step 21 - Rear Sway Bar End Link Mounting Bolt: 36 ft. lbs.

All bolts on the axles themselves are torqued to 57 ft./lbs.