

Lingenfelter 2010-2013 Camaro SS Shift Knob Boot Adapter Kit Installation Instructions



PN: L350191410

Parts List

LPE Shift Knob Boot Adapter Kit (PN: L350191410)

#	Description	Part number
1	Shift knob boot adapter (for 2010-2013 Camaro SS)	XX05158-0007
1	Zip-tie	23923-X
1	Instructions	N/A

Tools & Materials Required

- Metric calipers (or equivalent)
- 2.5mm Allen wrench (included in kit)
- Phillips head screwdriver
- small flat head screwdriver
- scissors
- knife (or equivalent)

Optional Items

#	Description	Part number
1	LPE Momo shift knob, black with black stitching	L350140000
1	LPE Momo shift knob, black with silver stitching	L350150000
1	LPE Momo shift knob, black with red stitching	L350160000



Thank you for purchasing the Lingenfelter Performance Engineering (LPE) 2010-2013 Camaro SS shift knob boot adapter kit. This LPE shift knob boot adapter kit is designed to take some of the slack out of the 2010-2013 Camaro SS shifter boot, greatly improving the fit and appearance of your aftermarket shift knob.

This manual describes the steps necessary to install the LPE shift knob boot adapter along with a LPE Momo shift knob. If you are installing this boot adapter with a different aftermarket shift knob, the required installation steps may vary. The LPE shift knob boot adapter has an internal thread of M22 x 1.0.

If you are installing a LPE Momo Shift knob, keep in mind that the shift pattern embossed on the shift knob is the V8 shift pattern and is not correct for V6 models.

Read the entire instruction manual before beginning installation. Some stock parts may be used in reassembly.

When referencing the side of the vehicle, the driver side of the vehicle is considered the left side and the passenger side of the vehicle is considered the right side of the vehicle.

Installation of the LPE boot adapter kit on a 2010-2013 Camaro SS with the LPE Momo shift knob



1. Before beginning installation, make sure to apply the emergency brake.



2. Gripping the shift knob above the chrome collar with both hands, pull upward to remove the shift knob.



3. Using a small flathead screwdriver, plastic pry tool, or your fingers, gently pry up on the end of the front floor console front cover. Work your way around the front cover until the front cover completely separates from the floor console, taking care not to damage the plastic console or the retaining tabs that hold it down.



4. Disconnect the electrical connector on the back of the front cover. The front floor console front cover can now be removed and set aside.



5. Using a #2 Phillips screwdriver, remove the four (4) shift boot mounting screws. The shift boot can now be removed.



6. Flip the shift boot inside-out. You will see a zip-tie that holds the shift boot to the chrome collar. Using a knife or equivalent, remove the zip-tie, taking special care not to damage the shift boot.



7. After flipping the shift boot back to its normal orientation, work the LPE shift boot collar into the shift boot as shown in the adjacent picture. The tapered end of the new collar should be pointing up.



8. Flip the shift boot inside out to expose the bottom of the new shift boot collar. Place the opening on the shift boot into the groove cut into the collar. Use the included zip-tie to secure the shift boot to the shift collar. You will want to get the zip-tie as tight as possible. Once the zip-tie is sufficiently tightened, snip off the excess length of zip-tie, taking care not to leave a sharp edge on the zip-tie that could damage the boot. Once this is complete, turn the shift boot back to it's normal orientation.



9. Select the rubber shift knob adapter with the largest inside diameter and install it onto the end of the shift lever.



10. Remove the black threaded ring that is screwed onto the end of the LPE shift knob.

NOTE: If you are installing the LPE shift knob boot adapter kit (as shown in this instruction manual), the black threaded ring will not be used during installation.



11. Place the LPE shift knob boot adapter onto the gear lever with the tapered end pointing up. Then push the shift knob onto the shift lever. The shift knob should bottom out on the shift lever when the shift knob is adequately pressed on.



12. Verify that the shift knob is properly aligned. Then, applying constant downward pressure on the shift knob, tighten the three (3) 5mm set screws in a uniform manner to secure and center the shift knob onto the gear lever.

NOTE: Make sure to maintain the proper shift knob alignment as you are tightening the set screws.



13. Screw the LPE shift knob boot adapter onto the shift knob. The tapered surface of the collar can be difficult to get ahold of, so it may be necessary to screw on the collar from the inside of the shift boot, as shown in the adjacent picture.



14. Orient the shift boot to its proper position. The shift boot can be rotated around the collar, even with the zip-tie already installed. Then using a Phillips head screwdriver, reinstall the four (4) shift boot mounting screws.



15. Reconnect the electrical connector on the back of the front floor console front cover.



16. Reinstall the front floor console front cover by placing the end with the gauges in first. As you lower the other end of the front cover into place, gently press down on the front cover to re-engage the retainer tabs.



Installation of the LPE shift knob kit and the LPE shift knob boot adapter kit is now complete.

For additional product installation information and technical support, contact LPE or your LPE products distributor. You can also find technical support and usage discussions regarding this product and many other LPE products in our Internet forums:

<http://www.lingenfelter.com/LPEforumfiles>

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