LINGENFELTER

PERFORMANCE ENGINEERING

Lingenfelter Signature Series 2010-2012 Camaro Rear Deck Spoiler

PN: L850151410

Lingenfelter Performance Engineering
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CAUTION
IT IS THE PURCHASER'S RESPONSIBILITY TO FOLLOW ALL INSTALLATION INSTRUCTION GUIDELINES AND SAFETY PROCEDURES SUPPLIED WITH THE PRODUCT AS IT IS RECEIVED BY THE PURCHASER TO DETERMINE THE COMPATIBILITY OF THE PRODUCT WITH THE VEHICLE OR THE DEVICE THE PURCHASER INTENDS TO INSTALL THIS PRODUCT ON.
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Parts List

L850151410 Rear Deck Spoiler

#	Description	Part number
1	LPE L28 Camaro rear deck spoiler	38-4-017
2	Small clear dome bumper	95495K373
6	Bolt Gasket	
1	Foam tape	06387
1	Adhesive tape	
1	Tube of blue loctite	12345382
6	M6 X 1mm stud	

Tools & Materials Required

- Drill
- 0.25” drill bit
- Ratchet
- Ratchet extension
- 7mm socket
- 10mm socket
- 13mm deep well socket
- Small flat head screwdriver
- Pry tool
- Cut-off tool
- Torx 20 socket
- Phillips head screwdriver
- Torque Wrench
- 3mm Allen wrench

Optional Items

#	Part number	Description
1	L850141410	Front Chin Spoiler
1	L850171410	Rocker Covers
1	L850161410	Rear Valance
1	L850131410	High Rise Ram Air Hood
1	L850181410	Grille with fiberglass insert
1	L850191410	Grille with CF insert
1	L850201410	Ram Air Hood with Window
1	92228475	Red “SS” OEM Replacement Badge
1	92228474	White “SS” OEM Replacement Badge
1	92228473	Red “RS” OEM Replacement Badge

Read the entire instruction manual before beginning installation. Some stock parts will 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.

Some installation pictures shown are with the body components unpainted. LPE recommends taking your vehicle to a professional painter to have your body components painted.

The LPE rear deck spoiler does not currently work on the convertible model.

The rear "SS" and/ or "RS" emblems on the rear deck will need to be removed in this installation and can not be re-used. You may purchase replacement emblems from GM with the part number listed in the optional items list.

This kit is for vehicles with an OEM rear Deck spoiler already installed on the vehicle.

1. Pop the trunk. Remove the trunk latch cover. Use a pry tool (or equivalent) if necessary but be careful to not deform the cover.

2. Using a pry tool (or equivalent), gently remove the twelve (12) pop rivets that secure the trunk deck carpet lining.

3. Avoid breaking the pop rivets as they will be re-used to secure the trunk deck carpet lining. If you need to replace any of these clips the part number is 11589289. Ensure the trunk release lever is unhooked.

4. Remove the carpet lining. Place the lining somewhere where it will not be damaged.

⚠CAUTION

5. Using a pry tool (or equivalent), remove the rubber seal caps on the underside of the trunk as shown. Be careful to not scratch the trunk deck.

6. Using a 10mm socket and ratchet, remove the six (6) nuts that secure the OEM rear spoiler. The spoiler may fall once all nuts are removed, have someone hold the spoiler in place while the last bolts are completely removed.

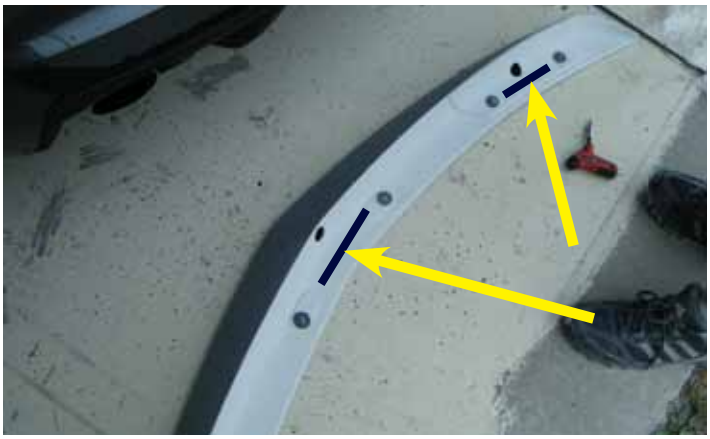
CAUTION: Take care when removing the nuts not to drop them down into the trunk deck. They are very difficult to retrieve if they are dropped.

7. Once all of the bolts are removed, carefully remove the OEM spoiler from the trunk.

8. Unscrew the height adjustment studs as far as possible on the LPE spoiler.

9. There are six (6) of these height adjustment studs. Be sure each height adjustment stud is out far enough that you can fully thread the mounting nuts onto the mounting studs after it is installed on the trunk deck but leave at least 3 (three) turns of thread engagement.

10. Install the six (6) rubber bolt gasket stickers (PN: 20733729) onto the mounting studs.



11. Be sure each gasket sticker is secure and in place. Also install the foam tape at this time where indicated.

12. Plug the locating hole indicated using the supplied plug/tape.

⚠CAUTION

13. If your vehicle has emblems in this area, they will interfere with the installation and must be removed. Using a heat gun and a plastic putty knife (or equivalent), carefully remove the emblem from the trunk deck.

CAUTION: Do not use too much heat or it could damage the paint. Be sure not to scratch the paint with the plastic putty knife (or equivalent).

14. Gently set the LPE spoiler in place making sure not to scratch the paint with the mounting studs.

15. Using a 10mm socket and ratchet, install the six (6) OEM M6 X 1mm stanless nuts after applying the loctite supplied in the kit. (PN: 1568 5170)

CAUTION: Be careful not to drop the nuts down into the trunk deck. The are very difficult to remove if dropped.

16. Using an allen wrench, adjust the six (6) mounting studs into the spoiler as far in as possible while still maintaining full thread engagement on the OEM M6 X 1mm stainless nuts. Torque these nuts to 53 in-lbs (6 N-m). If full thread engagement is not achieved, use a 3 mm allen wrench to un-thread the studs a bit to ensure full engagement on the nuts.

17. The two (2) bumpers that are included in the kit are used to prevent scratching due to overslam on the right and left sides of the quarter panel. Place these bumpers in the position shown. You may place these either on the underside of the spoiler or on the vehicle itself.

18. Re-install the rubber seals that you removed in step 5 by pushing the center of the seal inward until it snaps into place.

19. Re-install the carpet lining, trunk release lever and the latch guard.

20. If needed, the replacement emblem should be installed at this time. The installation of the LPE rear spoiler 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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