LINGENFELTER

PERFORMANCE ENGINEERING

Lingenfelter Signature Series 2010-2012 Camaro SS Front Chin Spoiler

PN: L850141410

Lingenfelter Performance Engineering
1557 Winchester Road
Decatur, IN 46733
(260) 724-2552
(260) 724-0422 fax
www.lingenfelter.com

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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

L850141410 Front Chin Spoiler

#	Description	Part number
1	LPE L28 front splitter	38-4-011
1	Front splitter support bracket	XX03933-0001
6	M6 X 1 nuts	44185
1	M6 X 1 nut with 16mm washer	MP50

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

Optional Tools

#	Part number	Description
1		Install Templates

Optional Items

#	Part number	Description
1	L850161410	Rear Valance
1	L850171410	Rocker Covers
1	L850151410	Rear Deck Spoiler
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

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.

1. Place the passenger side and driver side bolt template into position. The optional installation templates will line up with the curvature of the bottom of the body as indicated.

NOTE: These illustrations are shown with the bumper off of the vehicle for reference purposes only. This install is to be done with bumper still installed on the vehicle. This template is not included in the kit but it gives you a good idea of the positioning of the holes that need to be drilled.

2. Drill out the holes using a drill and a 0.25” drill bit. Using LPE chin spoiler is very helpful when locating where the drill holes need to be located in order to mount the chin spoiler.

3. Install the chin spoiler using the supplied M6 x 1 mm nuts. There are six (6) mounting bolts built into the chin spoiler that the nuts will install onto.

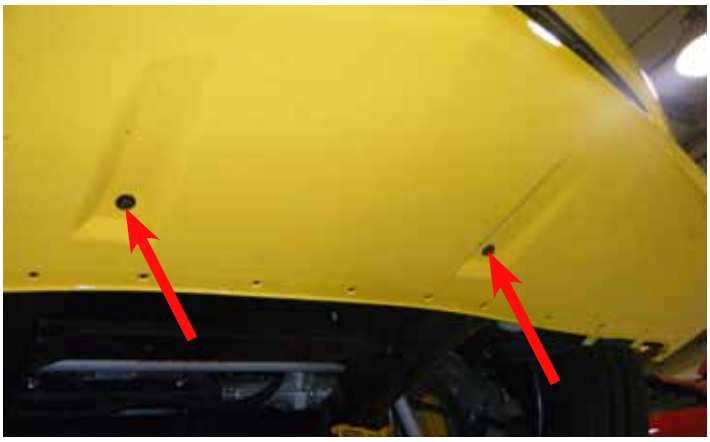
4. You will need to peel back the wheel well lining in order to reach the 10 mm nuts which will need to be tightened evenly. There are six (6), three (3) on each side of the bumper.

WARNING: Do not overtighten the nuts on the front chin spoiler bolts.

⚠CAUTION

5. This picture illustrates the front chin spoiler installed on the front fascia. The contact points of the chin spoiler shown should be flush with the front fascia.

6. This is the front chin spoiler support bracket. This will be mounted under the chin spoiler to give extra support to the front spoiler.



7. The two (2) bolts shown in this illustration are where the two (2) holes on the chin spoiler support bracket are mounted in the next step. Remove these bolts with a 10 mm socket and ratchet.

8. Place the chin spoiler support bracket under the middle of the vehicle in the position shown. The two (2) bolt holes spaced 17 inches apart under the front of the Camaro from which you removed the 10 mm bolts is where the spoiler bracket will bolt to the car.

9. Start the driver side 10 mm bolt by hand in the location shown.

10. Start the passenger side 10 mm bolt by hand.

11. Insert the lower support bolt on the front splitter in the slot on the splitter bracket. Using a 10 mm socket and ratchet, torque the two (2) bolts to 62 in-lb (7 N-m) as well as the M6 X 1mm nut with a 16mm washer (PN:MP50)

12. The installation of your chin spoiler is now complete.

⚠CAUTION

NOTE: Due to the lower ride height of your 2010-2012 Camaro, be careful with clearance issues to ensure no damage is caused to the front valance.

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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