



# GENUINE PARTS

## INSTALLATION INSTRUCTIONS

**DESCRIPTION:** REAR SPOILER KIT  
**APPLICATION:** SENTRA (2013)  
**PART NUMBER:** 999J1 Lxxxx (xxxx designates model year and color)

### KIT CONTENTS:

Item	Qty.	Part Description	Service Part Number
A	1	Spoiler Assembly	999J1 Lxxxx
B	1	Torsion Rod LH	999J1 LTR1
C	1	Torsion Rod RH	999J1 LTR0
D	2	M6 Nuts	
E	4	Plastic Clips	
F	1	Trunk Lid Seal	84830 3SG1A
G	1	Jumper Wire Harness	999J1 LZ0WH
H	1	Installation Instruction	
I	1	Drill Template	

### ADDITIONAL PARTS REQUIRED:

Please order below parts if they are not provided in the Spoiler Kit:

Item	Qty.	Part Description	Part Number
A	1	Trunk Lid Seal	84830 3SG1A
B	2	Trunk Lid Bumpers	84840 3SB0A

### TOOLS REQUIRED:

- 12" long 1" round dowel rod or similar
- Clean shop rags
- Phillips screw driver
- Masking tape
- Drop cloth
- Vacuum
- Hammer
- Center punch
- Tape measure
- Deburring tool
- Variable speed drill
- Drill bits: 1/8" or 3mm, 9/32" or 7mm, 11/32" or 9mm, 9/16" or 14mm
- Torque wrench
- Ratchet with extension
- 10mm deep socket
- Rust preventative (P/N 999MP-9G001P)
- Alcohol solution 90% or greater

### PRE-INSTALLATION WARNINGS, CAUTIONS, CRITICAL STEPS, and NOTES:

- Dealer Installation Recommended. Instructions may refer to Service Manual.
- Support the trunk lid when torsion bars are removed

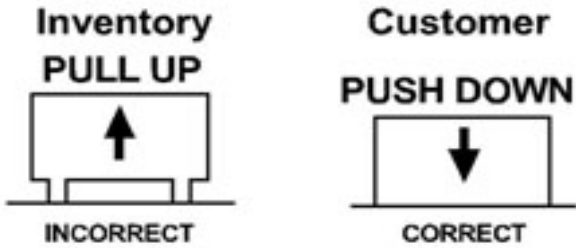
## ▲ WARNING

- Some plastic surfaces may become damaged by alcohol solution. Cover and protect taillight lenses. If alcohol does come into contact with the lens, immediately wash surface with water.
- Failure to clean mounting surface properly may cause tape to have poor adhesion to vehicle.
- If vehicle has been recently painted, allow paint to dry and age 24 hours before installing spoiler.
- Install spoiler when ambient temperature is above 15 C (60 F).
- Do not wash or expose vehicle to a wet environment for 24 hrs. after installing spoiler.
- Please use proper pressure of 103kpa (15psi) applied with a dry, soft, clean rag to adhere spoiler tape.

# INSTALLATION INSTRUCTIONS

## INSTALLATION PROCEDURE:

- 1) Apply parking brake
- 2) Confirm the vehicle is no longer in the default shipping state (Extended Storage Switch Pulled Up and BCM in Transit Mode). Failure to confirm the vehicle has been removed from this state will result in the loss of normal vehicle operation.
- 3a) Locate the Extended Storage Switch in the cabin fuse block. Once located, check that it is in the "Customer" position. See below for reference.



### 3b) To remove transit mode:

1. Remove fuse cover lid
2. Push down shorting pin
3. Ign On 2 times without turning vehicle on

### To return to transit mode:

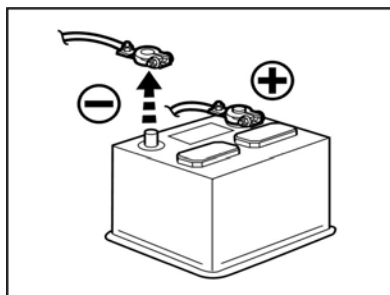
1. Ign Off
2. Remove fuse cover lid
3. Pull up shorting pin
4. Assemble fuse cover lid
5. Ign On 2 times without turning vehicle on
6. Confirm transit mode condition on meter

**NOTE: Typical vehicle condition shown here. Switch is easily identifiable by the permanent, push-pull fuse holder. Actual position on the fuse block may vary, vehicle to vehicle.**

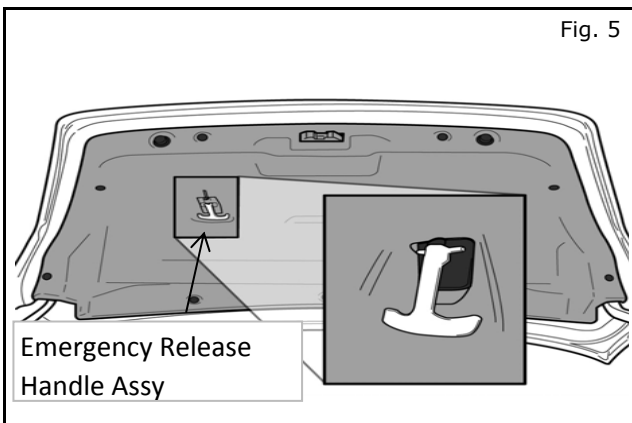
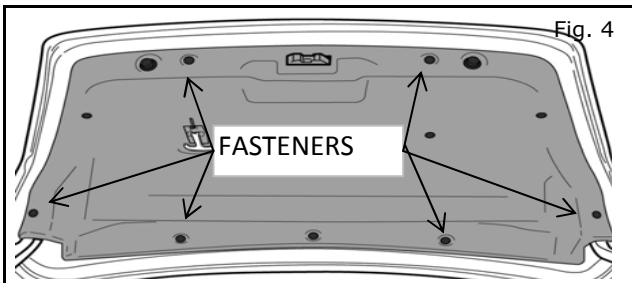
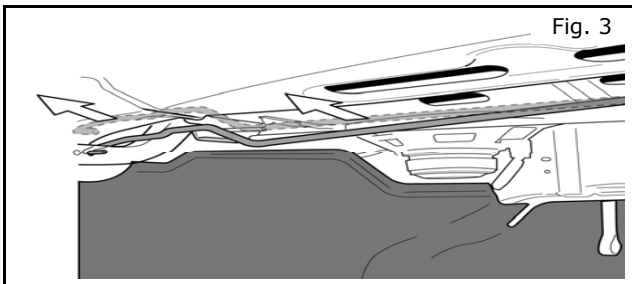
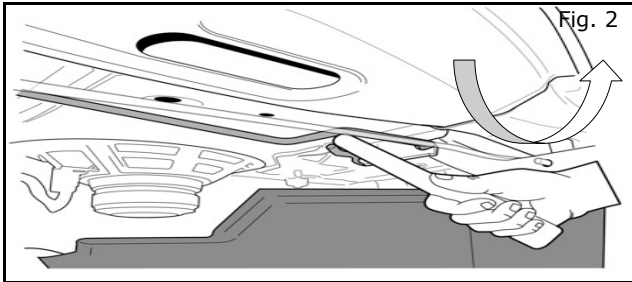
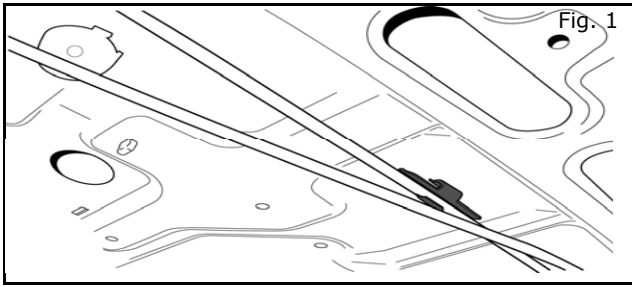
- 4) Record customer radio presets.

Preset	1	2	3	4	5	6

- 5) Put shift lever in "P" position for A/T and CVT or "1st" for M/T.
- 6) Turn ignition switch to "OFF" position.
- 7) Disconnect the negative battery terminal



## INSTALLATION PROCEDURE:



- 8) Torsion bar replacement
  - a) Fully open trunk lid. Support the trunk lid to prevent it from closing.

### **WARNING**

- **Warning 2** Trunk lid is heavy and will fall rapidly if not supported.

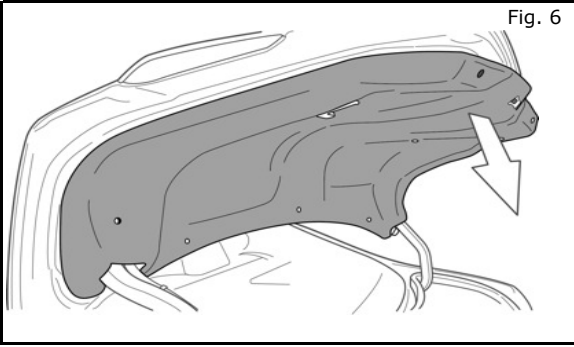
- b) Remove and retain center plastic protector (Fig. 1)
- c) Insert 12" long 1" round dowel rod on passenger side as shown in Fig 2. Pull up on dowel rod
- d) Pull up on dowel rod until torsion bar end clears bracket. Pull torsion bar rearward to release from bracket as shown in Fig 2.
- e) Push opposite end of torsion bar outward to remove from deck lid hinge hold. (Fig. 3)
- f) Repeat steps 2d and 2e for driver's side.
- g) To install new torsion bars, reverse steps 2d and 2e above for each torsion bar.
- h) Install center plastic protector removed in Step 2b (Fig 1)
- j) Open and close trunk lid to check the operation of the torsion bars. Ensure nothing is binding.

- 9) Inner liner removal (if equipped)

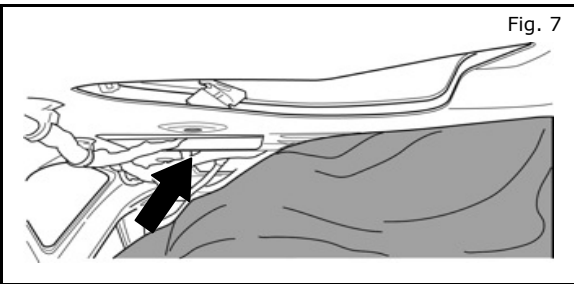
- a) Open trunk lid.
- b) Place drop cloth in trunk to cover the inside
- c) Remove and retain the fasteners with a flat blade screwdriver. (Fig. 4) Pry up the center portion of fastener until outer portion will slide out of the hole in the trunk lid.

- 10) Follow next steps carefully to remove the emergency release handle assy.

**INSTALLATION PROCEDURE:**



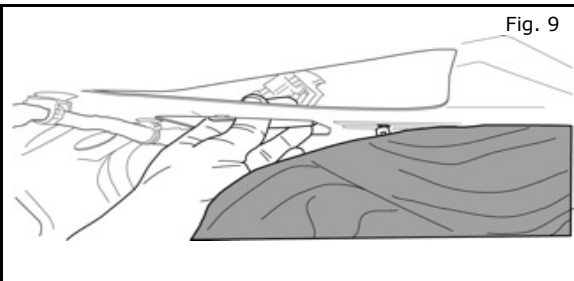
11) Carefully pull down liner.



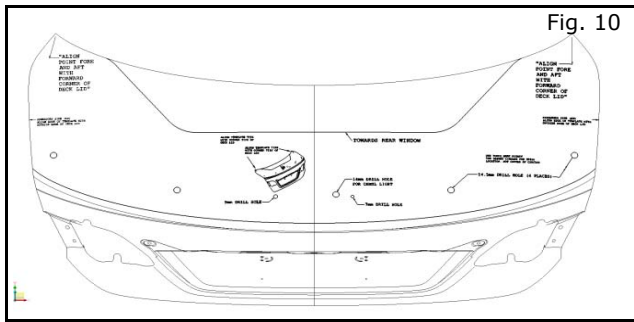
12) With liner pulled down, find access hole near emergency release handle.



13) Insert pliers into access hole.

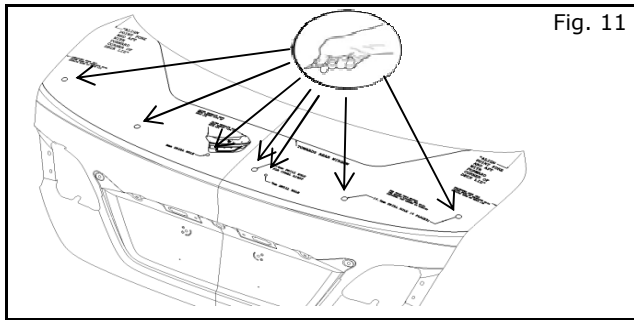


14) Using pliers release clips to detach emergency release handle assy.

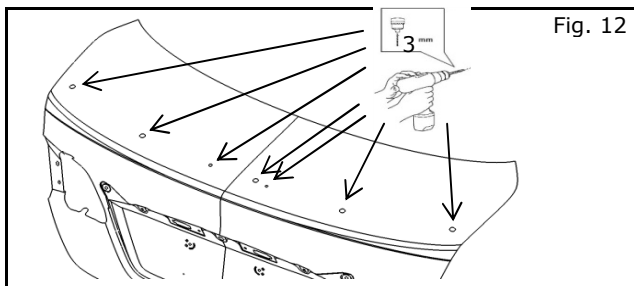


15) Position drill template and drill holes

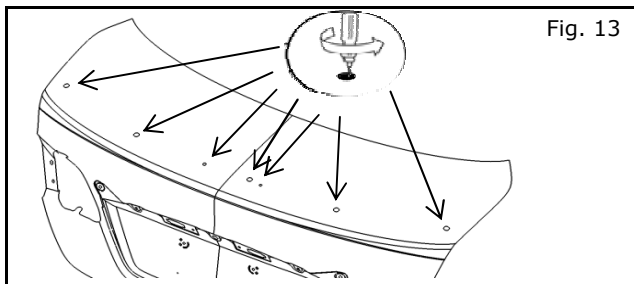
- a) Use the instructions on the drill template to place it on the trunk lid. (Fig. 10)
- b) Tape the template to the trunk lid by the tape marks on the template in sequential order.



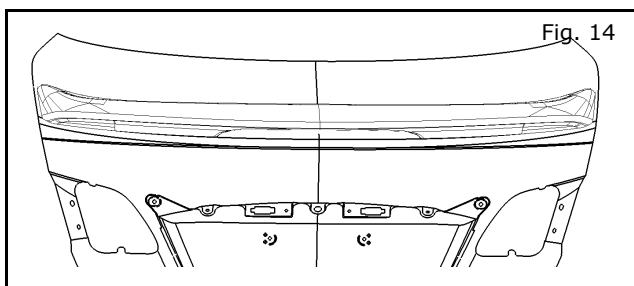
- c) Locate the punch marks in the center of the printed hole locations. (Fig. 11) A light, quick impact on the center punch is recommended to prevent a deep dent on the trunk lid. Seven (7) places total.
- d) Remove the drill template from the trunk lid.



- e) Drill 3mm (1/8") pilot holes at the seven (7) punch mark locations. (Fig. 12)
- f) Drill the holes to the final sizes as indicated on the drill template.



- g) De-burr the seven holes and remove the metal chips from the top and bottom of the trunk lid. (Fig. 13)
- e) Apply the rust preventative to the drilled holes.



16) Attach rear spoiler to the trunk lid

- a) The surface of the trunk lid must be cleaned with a 90% alcohol solution for proper adhesion
- b) the trunk temperature should be at least 60 F (15 C) for proper start-up adhesion of the tape. use a hot air blower if the temperature is below 60 F.
- c) Remove the stud covers and carefully place the spoiler on the deck lid. Confirm the gaps are equal on both sides of the spoiler and check for proper hole alignment. Remove the spoiler. (Fig. 14)

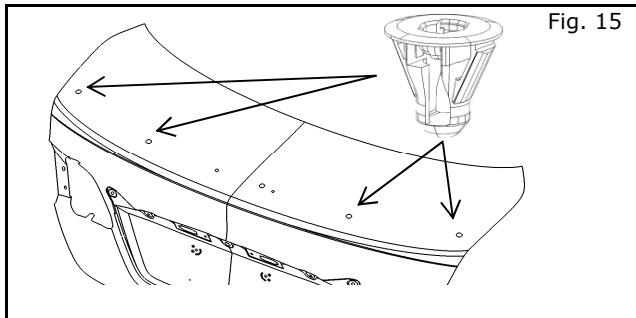


Fig. 15

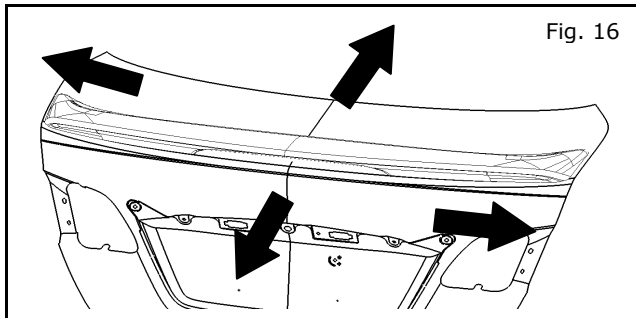


Fig. 16

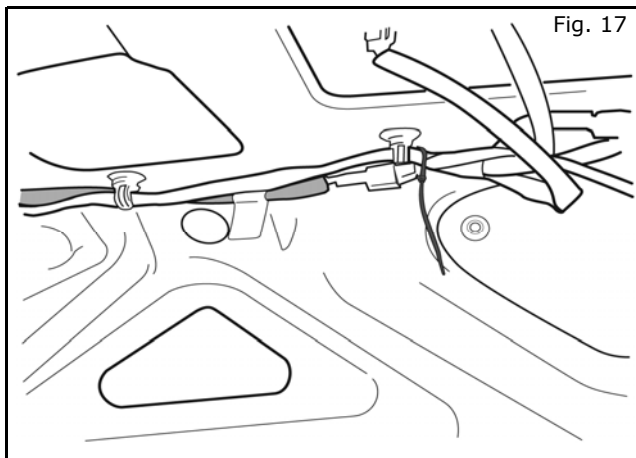


Fig. 17

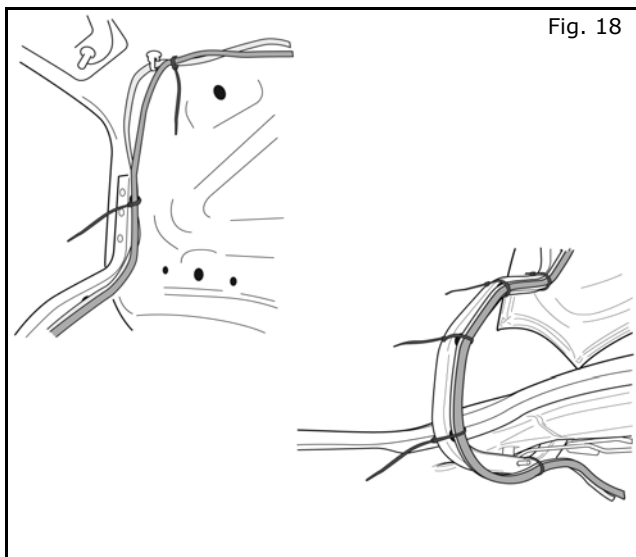


Fig. 18

CONTINUED

- d) Install the 4 plastic clips into the trunk lid in the 14.5 mm holes 4 places. (Fig 15)
- e) Remove the tape liners from the tape on the bottom side of the spoiler.
- f) Insert the lamp harness through the 14mm hole. The sealing grommet on the harness must be sealed into the trunk lid hole.
- g) Carefully place the spoiler on the trunk lid.
- h) Adjust the 4 sliding t studs to the plastic clips
- i) Before contacting the tape to the deck lid, verify that the spoiler is centered to the trunk lid.
- j) Using micro fiber cloth apply 15lbs of pressure on the spoiler to adhere the spoiler to the trunk lid. Pressure must be applied around entire perimeter of the spoiler. (Fig. 16)
- k) Open trunk and install 2 M6 nuts onto the studs with a 10mm socket tightened to 3.8 N-m (34 inch-lbs). Do not over torque the nuts.
- l) Pull the lamp harness, from the inside of the trunk compartment, Confirm that the grommet seal is seated in the hole.

17) Connect CHMSL and wiring harness

- a) Find the brown connector near the center hole (right of left side). (Fig 17) Connect CHMSL jumper harness.
- b) Wrap the connection with a foam pad.
- c) Route jumper harness with existing harness down the trunk hinge arm.
- d) Using small wire ties secure jumper harness to existing harness . (Fig 18)

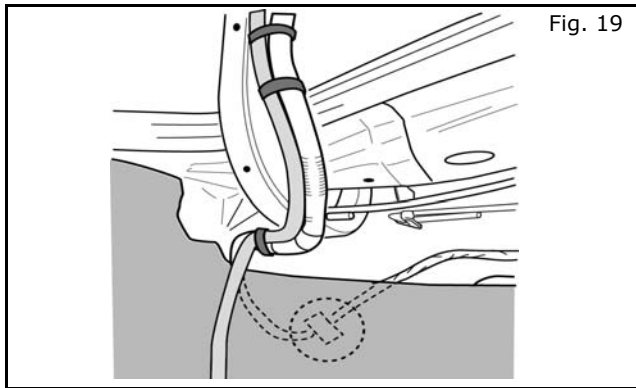


Fig. 19

18) Locate the large wire harness bundle behind the trunk trim under the driver side trunk hinge arm. Disconnect 20-way Inline Connector. (Fig. 19)

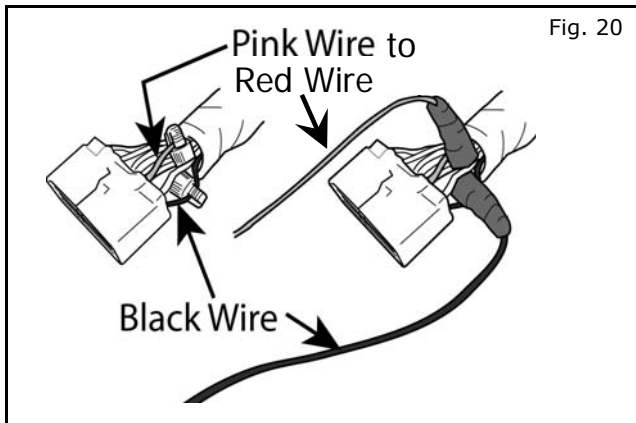


Fig. 20

19) Connect jumper harness to wire harness bundle using posi-tap connectors.

- Carefully cut harness protector to expose wires for posi-tap if necessary.
- Attach the red wire from spoiler harness to the pink wire of the 20-way Inline Connector. (Fig. 20, 21 & 22)
- Attach the black wire from spoiler harness to the black wire of the 20-way Inline Connector. (Fig. 20, 21 & 22)
- Secure posi-tap connectors using electrical tape. (Fig. 22)
- Reconnect 20-way Inline Connector

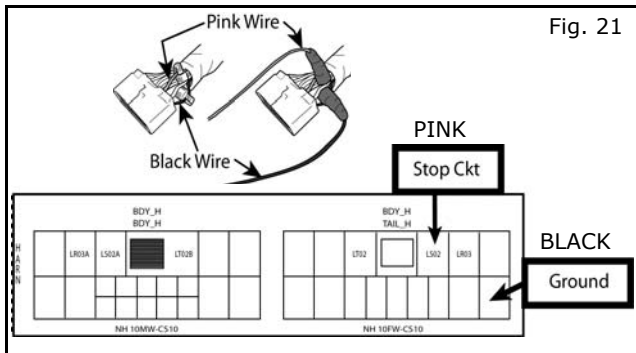


Fig. 21

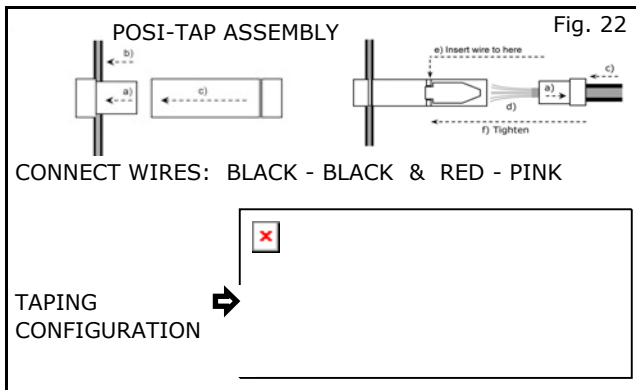
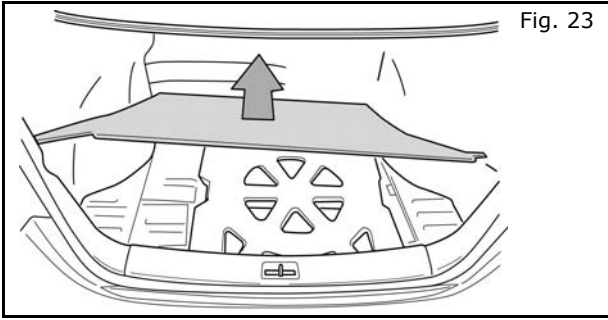
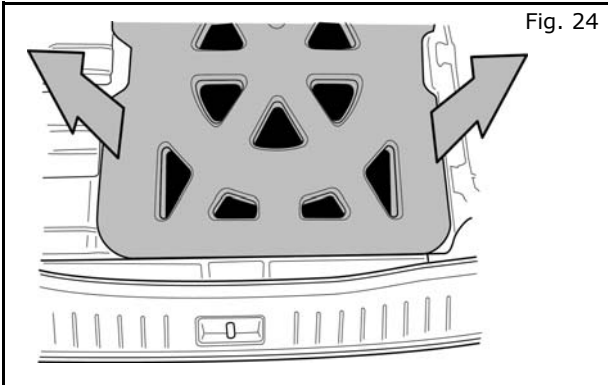


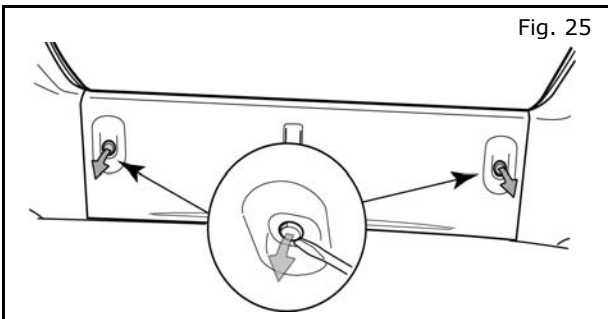
Fig. 22



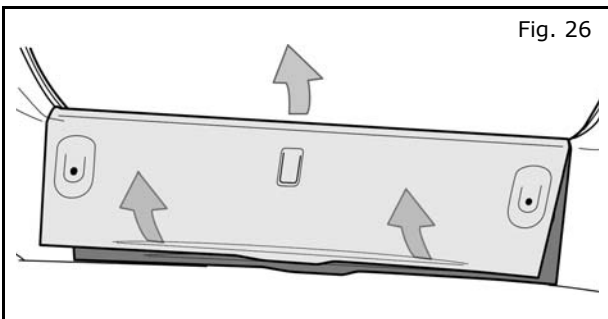
20) Remove the trunk floor liner. (Fig. 23)



21) Remove the foam spare tire cover / floor support. (Fig. 24)

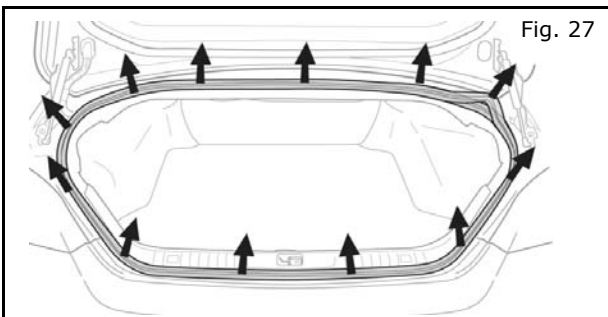


22) Remove the two clips securing the trunk latch trim. (Fig. 25)



23) Pull the trunk latch trim from the bottom to release the two clips that secure it to the rear wall of the trunk. (Fig 26)

24) Lift the trunk latch trim upward to release two remaining clips that secure it to the top of the rear trunk wall. (Fig 26)



25) Remove the trunk lid seal by pulling up on the seal as shown. (Fig. 27)



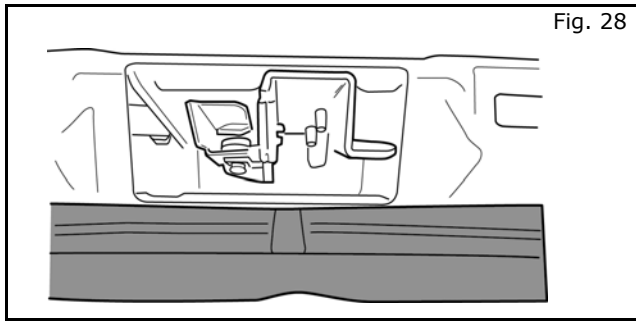


Fig. 28

26) Remove new seal from bag. Locate the white plastic inserts located on the seal. Do not remove them from seal. Additionally locate the seam between the inserts and line it up with the center trunk latch. (Fig. 28)

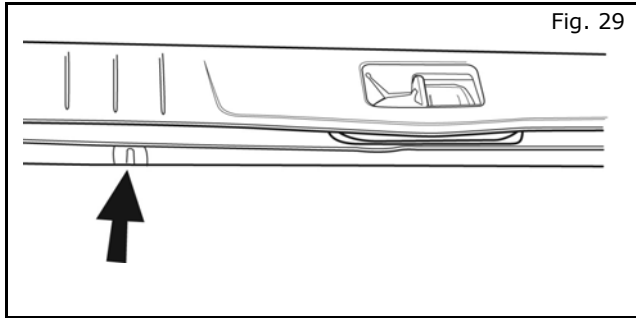


Fig. 29

27) Align the plastic tabs with the drip vents located on the vehicle. (Fig. 29)

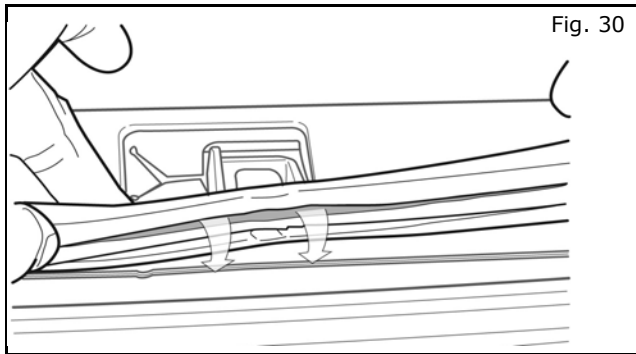
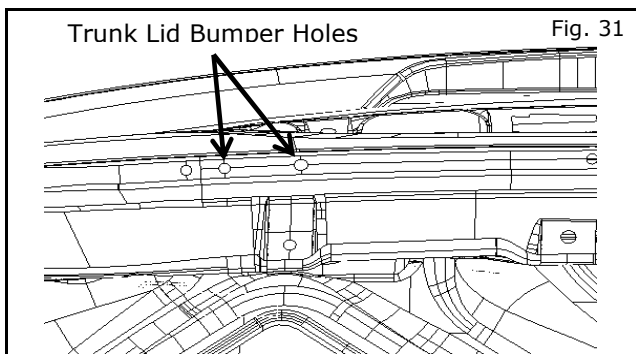


Fig. 30

28) Install new seal making sure to fully engage the seal on the vehicle.

**Note: The seal has two grooves. Use the most rigid groove, this is the top groove. (Fig. 30)**



Trunk Lid Bumper Holes

Fig. 31

29) Install one trunk lid bumper using the holes on the bottom of the trunk lid as shown. Press bumper into trunk lid until rubber posts fully engage. (Fig. 31 & 32)

30) Repeat installation for the second trunk lid bumper on opposite side of trunk lid.

31) Confirm gap to trunk lid around the perimeter of the spoiler ( $1\text{mm} \pm 0.8$ )

32) Re-install inner trunk liner, emergency release handle, and floor components.

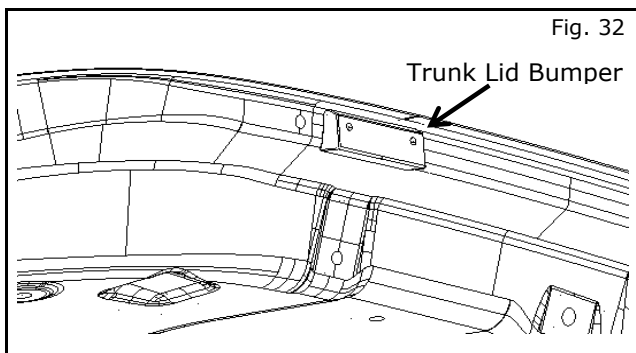


Fig. 32

Trunk Lid Bumper

**NOTE: If this vehicle will be returned to a dealer lot or showroom for an extended period of time, be sure the extended storage switch is placed in the "inventory" position. Refer to the Extended Storage Switch verbiage at the beginning of the INSTALLATION PROCEDURE section.**

**FINAL INSPECTION:**

- Did you put pressure around perimeter of spoiler for good tape adhesion?
- Is the gap around the spoiler uniform and less than 1mm?
- Check all **torque** values. (Reference related steps and figures)
- Verify all wiring is secure and not exposed.
- Trim all excess cable ties flush.
- Turn ignition switch to "**ON**" position.
- Confirm accessory main features and functions including all of its controls, opening and closing mechanism. Verify that you can open the trunk with the emergency trunk release.
- Verify CHMSL brake light (vehicle as applicable and spoiler) work correctly.
- Start engine and verify that there are no new Diagnostic Trouble Codes.