



GENUINE PARTS

INSTALLATION INSTRUCTIONS

DESCRIPTION: REAR SPOILER KIT
APPLICATION: ALTIMA (2013)
PART NUMBER: 999J1 Uxxxx (xxxx designates model year and color)

KIT CONTENTS:

Item	Qty.	Part Description	Service Part Number
A	1	Spoiler Assembly	999J1 Uxxxx
B	1	Torsion Rod LH	999J1 U2TR1
C	1	Torsion Rod RH	999J1 U2TR0
D	2	M6 Nuts	
E	4	Plastic Clips	
F	1	Installation Instruction	
G	1	Drill Template	
H	2	Foam Protector Tape 50 X 50 (if required)	

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, and 14.5mm
- 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:

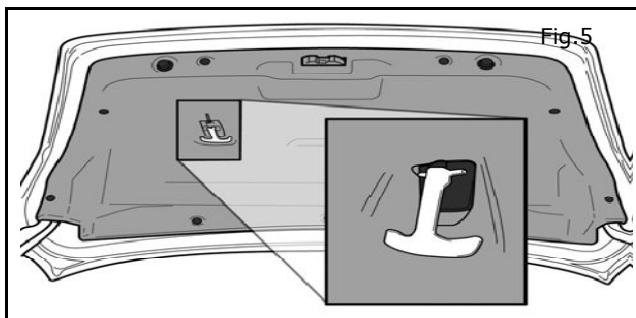
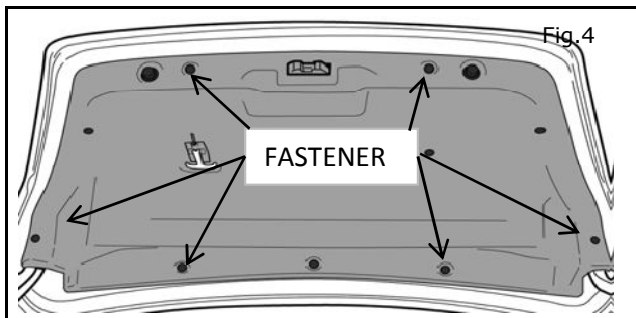
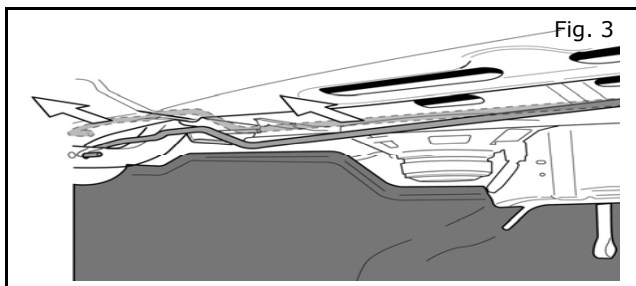
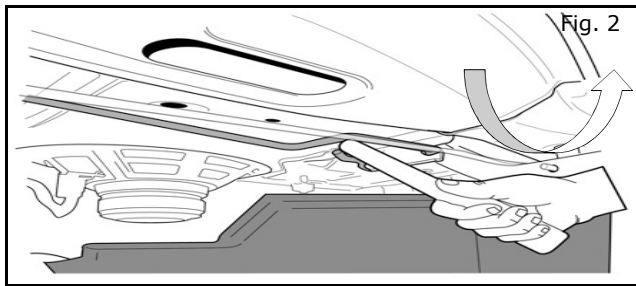
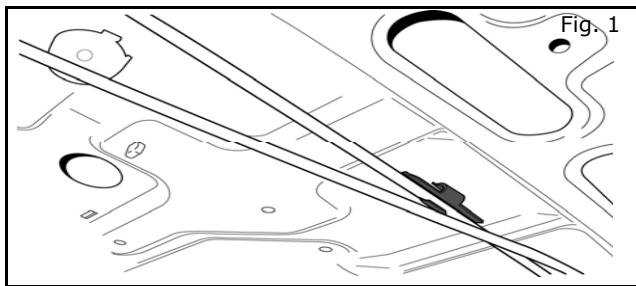
- Dealer Installation Recommended. Instructions may refer to Service Manual.
- Support the trunk lid when torsion bars are removed

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 (15lpg) applied with a dry, soft, clean rag to adhere spoiler tape.

INSTALLATION PROCEDURE:

- 1) Apply parking brake



- 2) Torsion bar replacement

- a) Fully open trunk lid. Support the trunk lid to prevent it from closing.



WARNING

- **Warning 1** 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.
- 3) 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 Phillips screwdriver. (Fig. 4) Unscrew center portion of fastener until outer portion will slide out of the hole in the trunk lid.
 - d) Unhook emergency trunk release from the black holder. (Fig. 5)
 - e) Lift top edge of liner over latch. Slide inner liner down and out from behind emergency trunk release and remove liner.

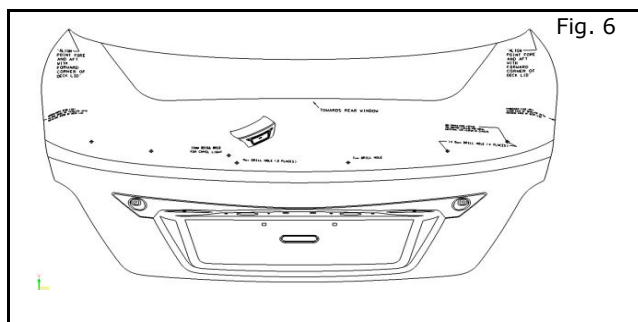


Fig. 6

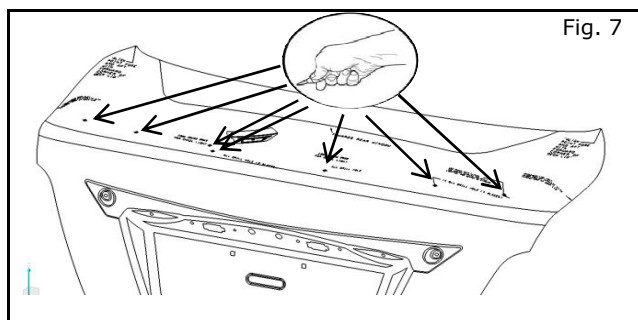


Fig. 7

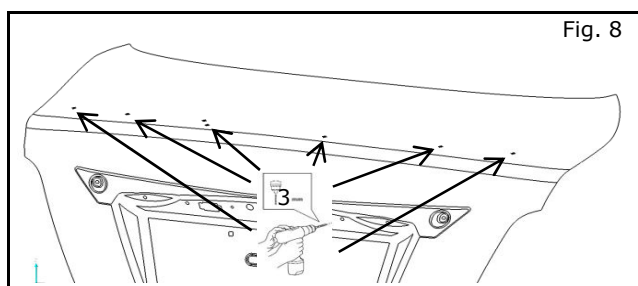


Fig. 8

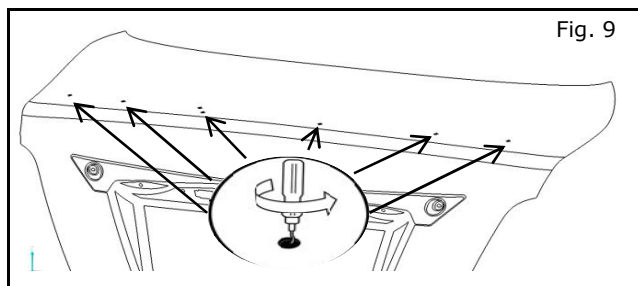


Fig. 9

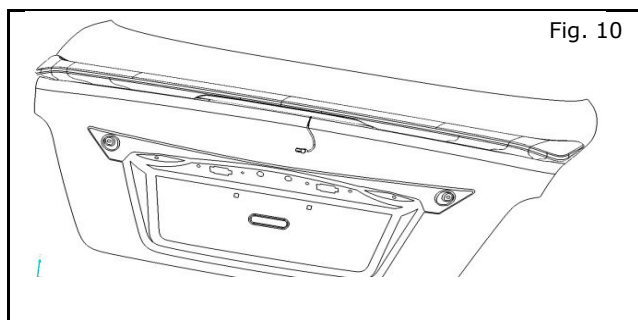


Fig. 10

- 4) Position drill template and drill holes
 - a) Use the instructions on the drill template to place it on the trunk lid. (Fig. 6)
 - 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. 7) 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. 8)
 - 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. 9)
 - e) Apply the rust preventative to the drilled holes.
- 5) Attach rear spoiler to the trunk lid
 - a) The surface of the trunk lid must be cleaned with alcohol solution 90% or greater 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. 10)

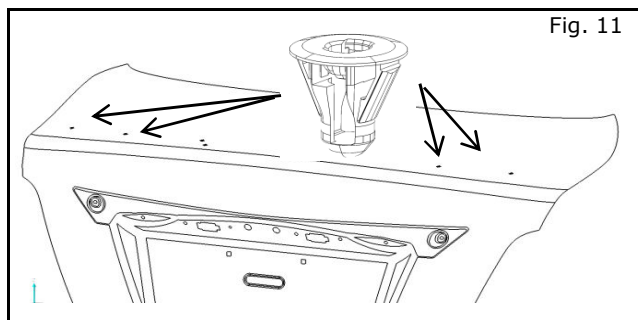


Fig. 11

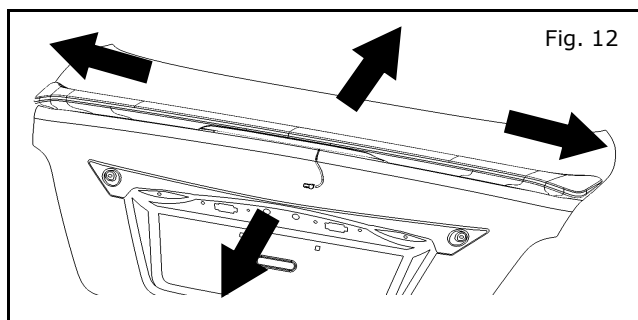


Fig. 12

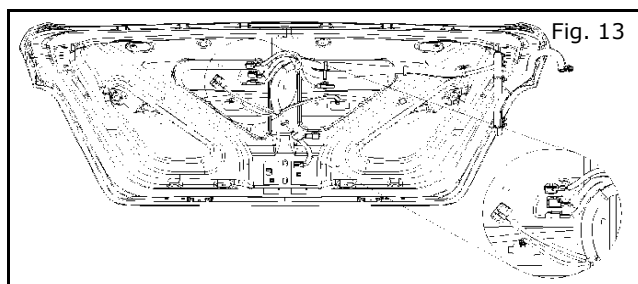


Fig. 13

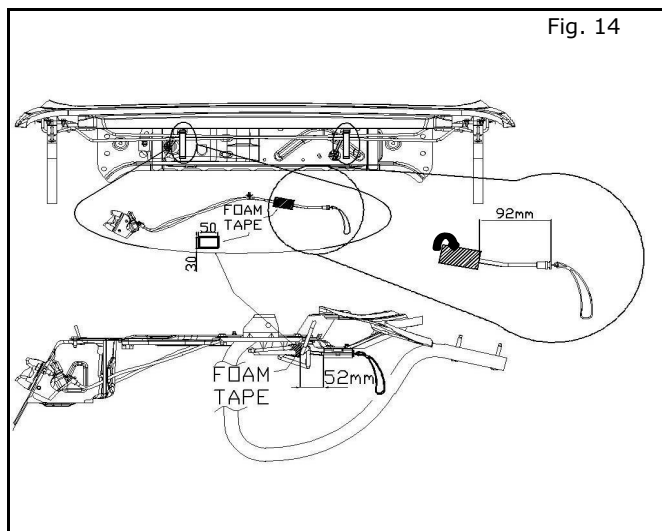


Fig. 14

(Step 5 Continued)

- d) Install the 4 plastic clips into the trunk lid in the 14.5 mm holes 4 places. (Fig 11)
- e) Remove the tape liners from the tape on the
- f) Insert the lamp harness through the 14mm hole. The sealing grommet on the harness must be sealed into the trunk lid hole. bottom side of the spoiler.
- g) Carefully place the spoiler on the trunk lid.
- h) Adjust the 4 sliding t studs to the plastic clips (if necessary)
- i) Before contacting the tape to the trunk 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. 12)
- 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.

6) Connect CHMSL and wiring harness

- a) Find the brown connector near the center hole (right of left side). (Fig. 13) Connect CHMSL harness connector to the vehicle harness.

7) Confirm spoiler gap (1mm \pm .8)

NOTE: If kit does not include 2 pieces of Foam Protector Tape, they are not required. Proceed to step 10.

- 8) Wrap 50X50 foam protector tape around rear seat latch release cable as shown in (Fig. 14). Starting 92mm from cable end or 52mm from cable holding bracket.

- 9) Repeat step 8 for other rear seat release cable.

- 10) Reinstall inner liner

ACCESSORY CHECK:

- ☐ 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.