



## **STāSIS Cayenne 3.6 Installation Instructions**

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Document Prepared by:



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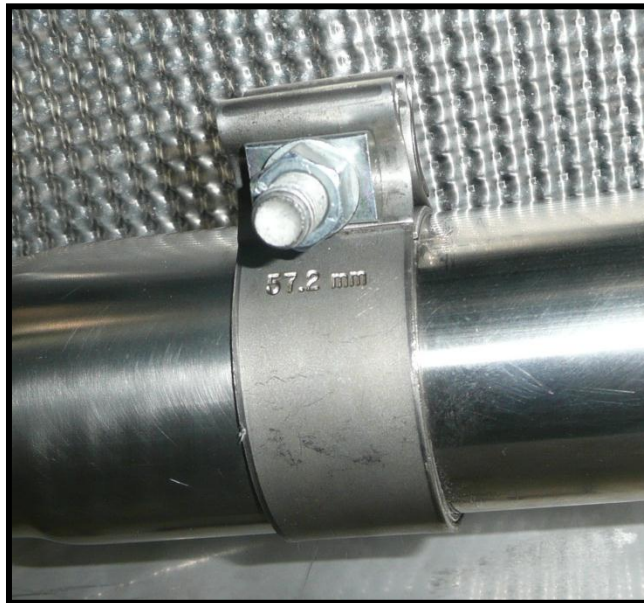
## Torque Specifications

Intermediate pipe exhaust hangar bolts (13mm)	17 lb.-ft.
Muffler exhaust hangar bolts (13mm)	17 lb.-ft.
Factory pinch clamp nuts (13mm)	17 lb.-ft.
Intermediate pipe 57.2mm clamp nuts (16mm)	49 lb.-ft.
V-band nuts (11mm)	11 lb.-ft.
Muffler connection pipe 57.2mm clamp nut (16mm)	49 lb.-ft.
SHCS for separation plate	47 lb.-ft.
SHCS for STaSIS Plate (6mm)	13 lb.-ft.
Tail Light cap nut (8mm)	31 lb.-in.
Tail Light retaining torx screw (T25)	53 lb.-in.
Wheel lug bolt (19mm)	118 lb.-ft.

## Exhaust Kit Installation

**Warning:** Ensure proper clamp placement! Align clamp to outer edge of pipe. If inboard, insufficient clamping force will result in exhaust alignment issues.

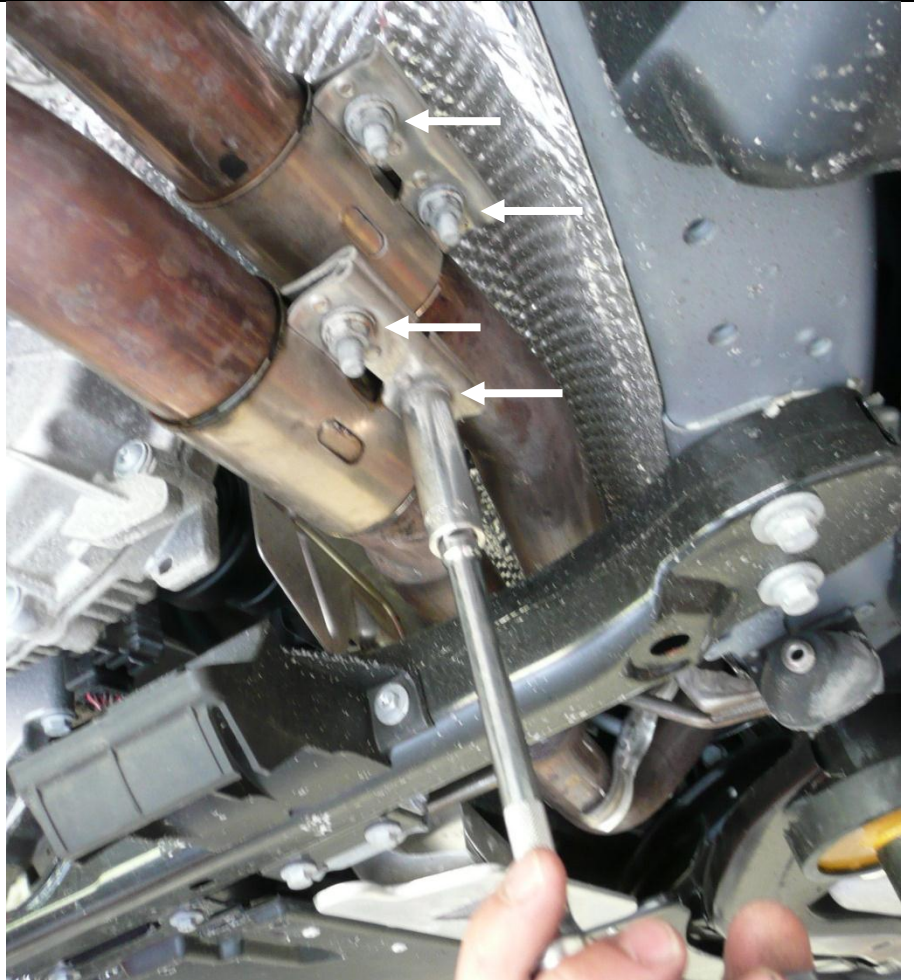
Proper clamp placement:



### Instructions for Removal/Installation

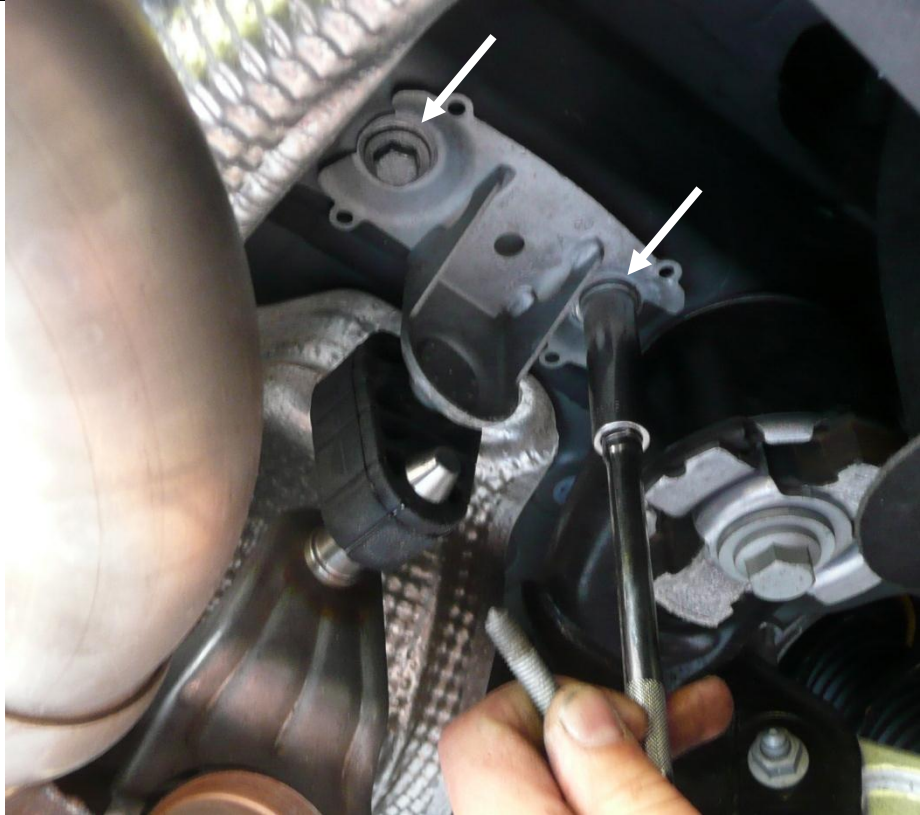
- |   |   |
|---|---|
| 1 | Before removing any parts, raise the vehicle up on a professional vehicle lift. A professional lift is recommended for proper installation. |
|---|---|

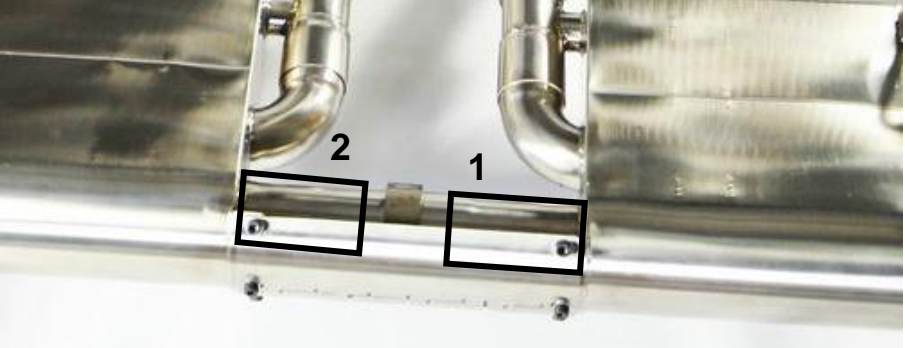


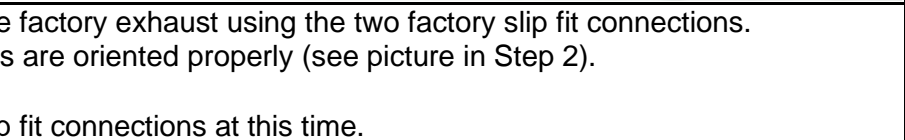
2 Loosen the (4) 13mm exhaust clamp nuts on the factory slip fit connections. Slide the clamps forward onto the pipes.



3 Remove the rubber exhaust hanger from the chassis by removing the 13mm retaining bolt (circle).



4	<p>Support the rear muffler with a transmission jack or equivalent.</p> <p><b>*NOTE:</b> The stock muffler section is one piece and very heavy. Three or more people will be needed to safely remove the section.</p>
5	<p>Remove the two rear exhaust hangars and brackets by removing the (4) 13mm bolts. Note the forward position of each bracket. Driver side bracket is not pictured</p> 
6	<p>Remove the one-piece factory cat back exhaust system. Remove the factory hangars and brackets from the system.</p> <p><b>*NOTE:</b> Take care not to tear the exhaust hangars during removal. Use lubrication before attempting to remove the hangars.</p> <p>Also remove the factory slip fit connections. The hangars, brackets and slip fit connections will be reused.</p>

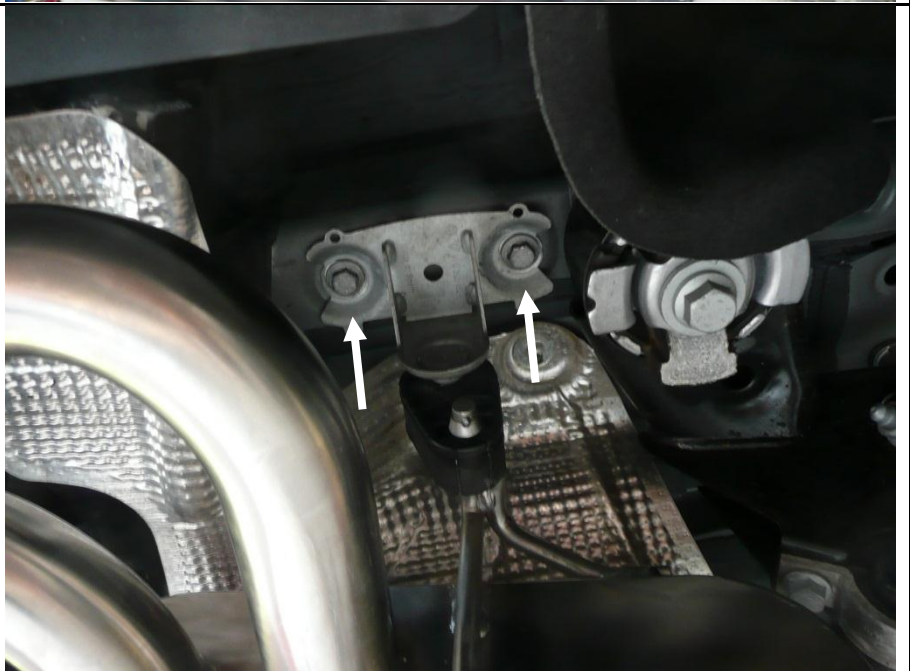
<p>7</p>	<p>Slide the supplied clamp onto the passenger muffler cross pipe. Connect the two mufflers together by sliding the passenger cross pipe (1) onto the driver side cross pipe (2). Position the outer edge of the clamp onto the outer edge of the cross pipe. Note the orientation of the clamp in the picture.</p> <p><b>*NOTE:</b> Do not tighten supplied clamp at this time.</p>	
<p>8</p>	<p>Connect the curved STāSIS nameplate to the two mufflers via the (6) supplied socket head cap screws (circles). Be sure to install the supplied washers/lock washers.</p> <p><b>*NOTE:</b> Do not tighten the socket head cap screws at this time.</p>	
<p>9</p>	<p>Install the two black factory muffler hangars onto the muffler studs (circles) with lubricant. Be sure that the brackets are installed in the correct orientation (noted during Step 5).</p>	
<p>10</p>	<p>Connect the mid-muffler to the factory exhaust using the two factory slip fit connections. Be sure the slip fit connections are oriented properly (see picture in Step 2).</p> <p><b>*NOTE:</b> Do not tighten the slip fit connections at this time.</p>	

11 Slide intermediate pipes into the mid-muffler section. Lubricate the exhaust stud and insert it into the black factory hangar. Note the orientation of the supplied clamps

**\*NOTE:** Do not tighten supplied clamps or allen bolts at this time.



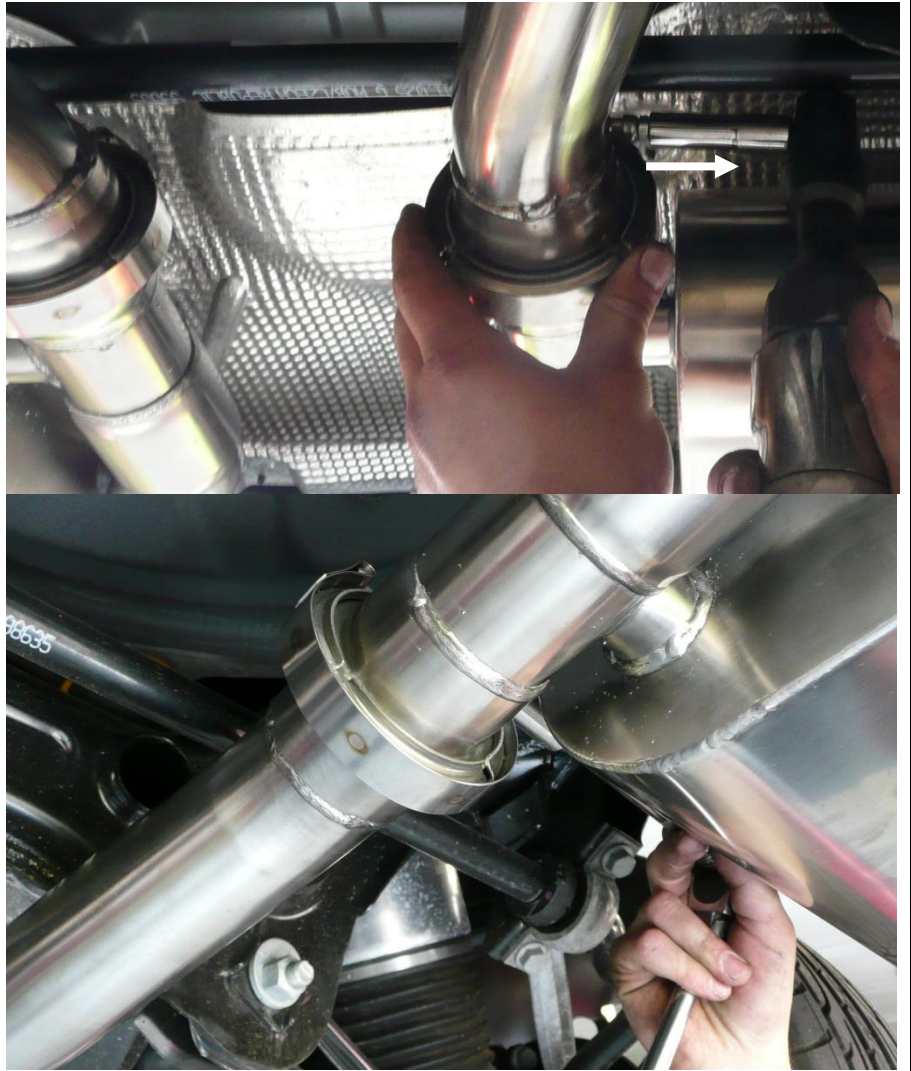
12 Install the muffler section by bolting the two factory muffler brackets back onto the vehicle with the (4) 13mm factory bolts. Ensure that the brackets are centered on the bolt heads. Torque factory bolts to 17 lb.-ft.



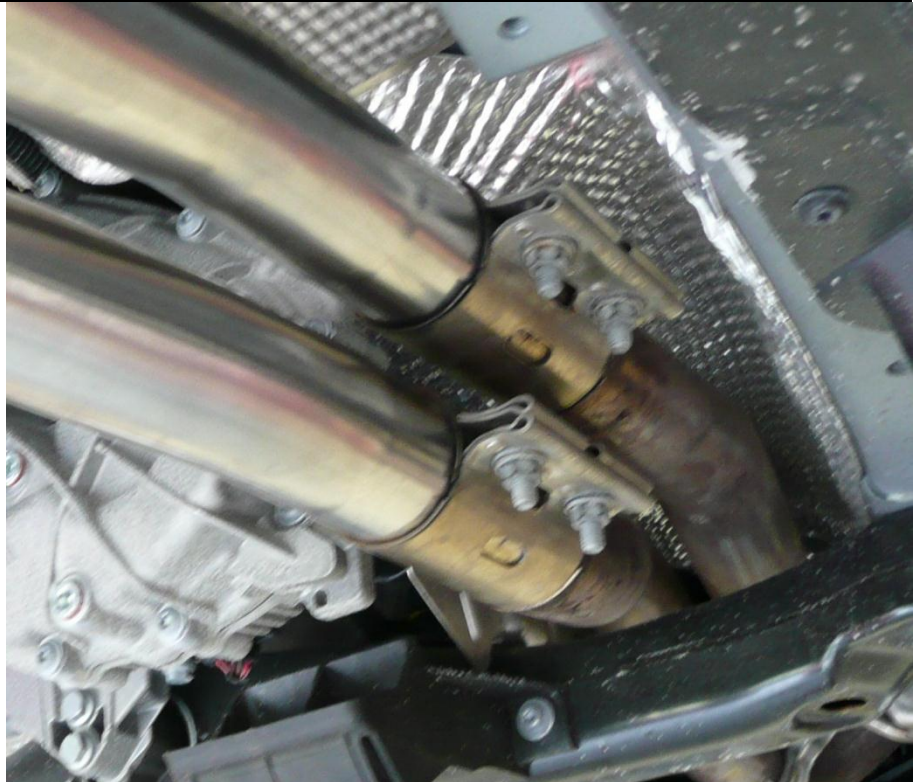
13 Install the two v-band clamps onto the mated v-band flanges. Tighten the clamps only enough to draw the flanges together.

Be sure that both intermediate pipes can rotate within the clamp.

Be sure that the v-band stud is pointing *outboard toward the wheel* (arrow) and is rotated to the top of the pipe.



14 Tighten the factory slip fit connections. Tighten the factory slip fit nuts to 17 lb.-ft.



15 Ensure that both the left and right tips are equally recessed into the valence. Note the tip position in the picture.

Once tips are correctly positioned, tighten the intermediate pipe clamps. Torque the intermediate pipe clamps to 49 lb.-ft. Do not tighten the v-band clamps at this point.

**\*NOTE:** Be sure that the clamps are aligned to the outer edge of the intermediate pipes. Otherwise, insufficient clamp force and exhaust slippage will result.

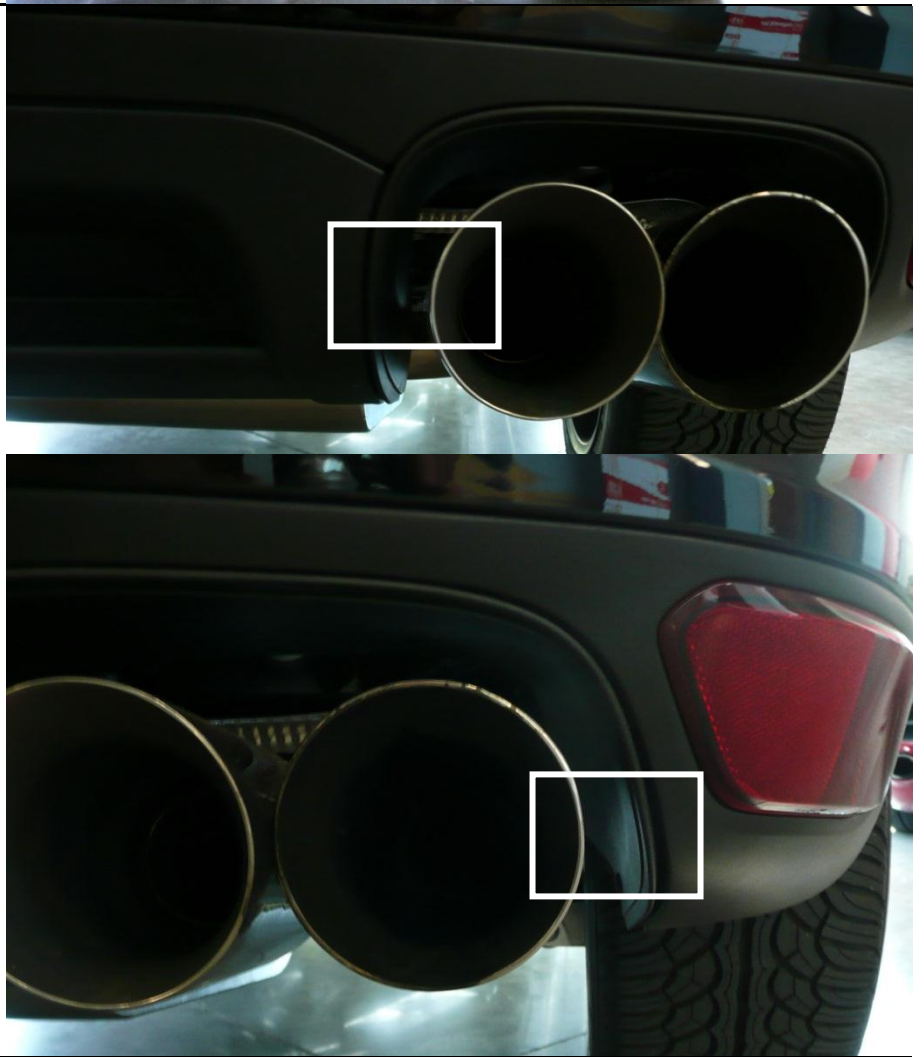


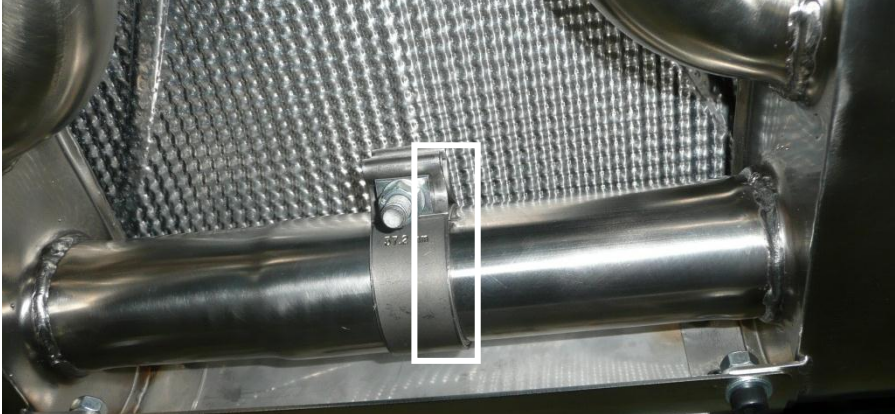
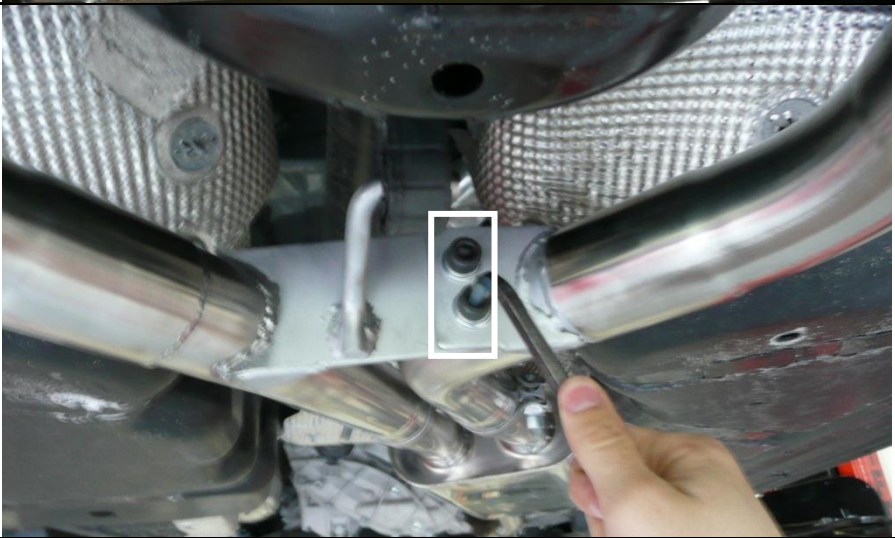

16 Ensure that the tops of both tips are evenly spaced from the bottom of the valence. Note the tip positions in the picture. Once the tips are correctly positioned, tighten the v-band clamps to 11 lb.-ft.



17 Center the tips within the valance by spreading/compressing the two separate mufflers. Both tips should have even space to the left and right.

Tighten the two socket head cap screws on the intermediate pipe flange.



18	<p>Once the tips are correctly positioned, tighten the cross pipe clamp, ensuring that the outer edge of the clamp is aligned to the edge of the pipe (rectangle). Torque the cross pipe clamp nut to 49 lb.-ft.</p>	
19	<p>Tighten the two socket head cap screws on the intermediate pipe flange (rectangle). Torque the socket head cap screws to 47 lb.-ft.</p>	
20	<p>Tighten the STāSIS nameplate to the mufflers with the six socket head cap screws provided. Be sure to tighten each bolt with the two flat washers and one lock washer provided. Note the order of the washers. Torque the socket head cap screws to 13 lb.-ft.</p>	
21	<p>Wipe off all installation and shipping particles, fingerprints and residues from the exhaust system with streak free glass cleaner and a microfiber towel. If any particles or residues remain when the exhaust is first heated, the blemishes may become permanent.</p>	

22	Test drive and check for rattles. Re-adjust as necessary to provide proper clearance of exhaust piping.
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## Exhaust Post Installation Checklist

### Exhaust

<input type="radio"/>	Ensure the exhaust tips on both sides protrude from the bumper evenly and are not touching any body panels.
<input type="radio"/>	Apply anti seize to all assembly bolts to allow for ease of removal.

## Tail Light Removal/Installation

### Instructions for Removal/Installation

- 1 Open the rear tail gate and remove the black trim pieces (driver side pictured) by pushing the trim piece towards the front of the vehicle with a plastic trim removal tool.


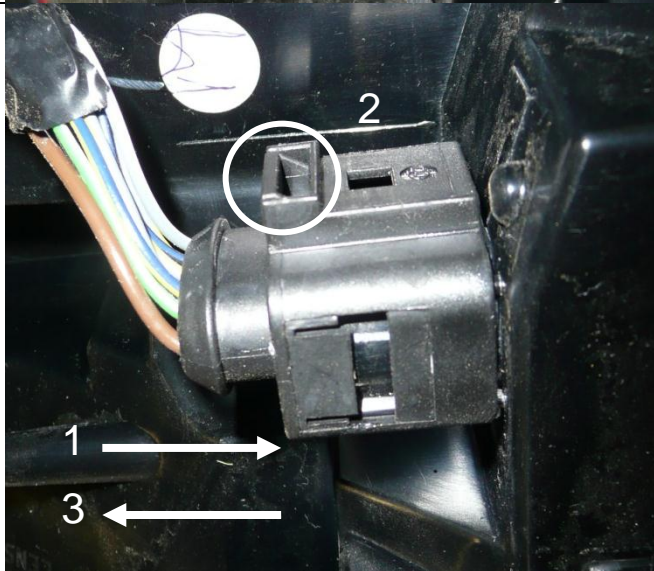



2 Remove the (4) T25 torx screws (circles), (driver side only pictured).

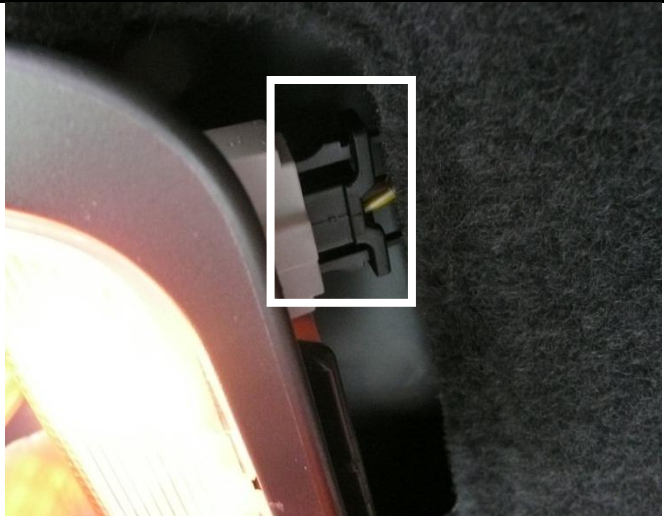


3 Using your hand, pull each outer tail light *directly* back (in direction of arrow 1), to free the ball-socket connection at the front of the tail light (pictured). It is best to use a firm jolt directly rearward with your hand, in order to free the connector. Use caution during removal, as the wiring connectors are still attached to the light housings.



	
<p>4 Disconnect the electrical connector from the tail light housing by pushing in on the connector (arrow 1), pulling back on the tab (circle 2) and then pulling back on the entire connector while keeping pressure on the tab (arrow 3).</p>	
<p>5 Remove both outer tail light housings and set them aside.</p>	
<p>6 Remove the two T20 torx bolts (circles) from the driver side light trim piece on the tail gate.</p>	

7 Gently pry the gate light and trim piece from the tail gate panel. Disconnect the gate light connector (rectangle) and remove the light and trim piece.








8 Using a plastic trim removal tool, gently pry the passenger side tail gate switch out of the trim panel and disconnect it.



9 Remove the single T20 screw that is recessed behind the passenger side lamp trim (circle).



10	Remove the passenger side lamp trim. Disconnect the lamp connector (circle).	
11	Unlatch the center panel on the gate trim and remove the (2) T20 screws behind the Velcro straps (circles).	
12	Grasp the plastic gate (rectangle) trim at the top and pull directly downward, in order to free the trim clips.	
13	Continue to pry downward on the gate trim, to free the rest of the trim clips and remove the gate trim.	

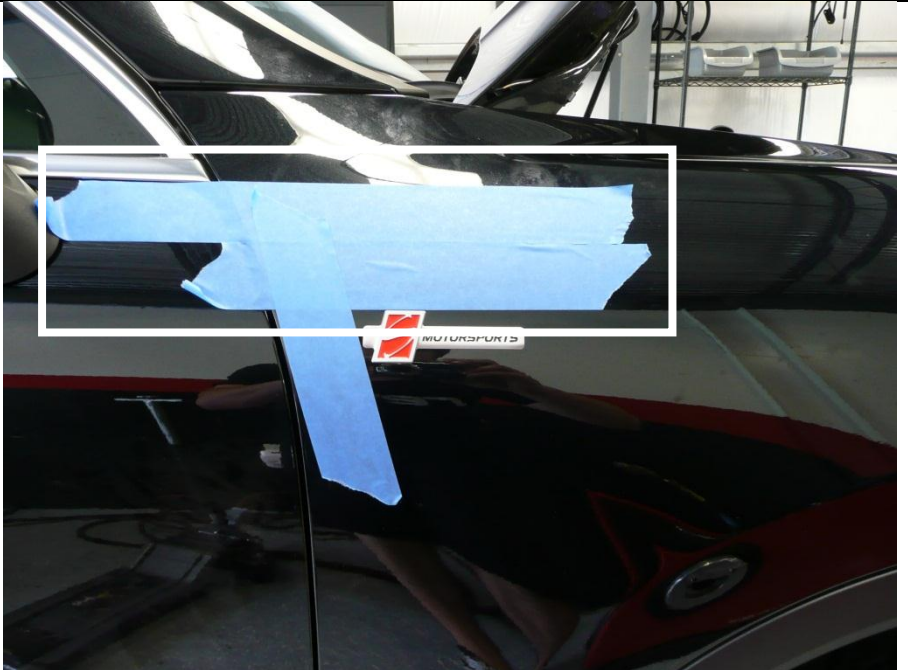
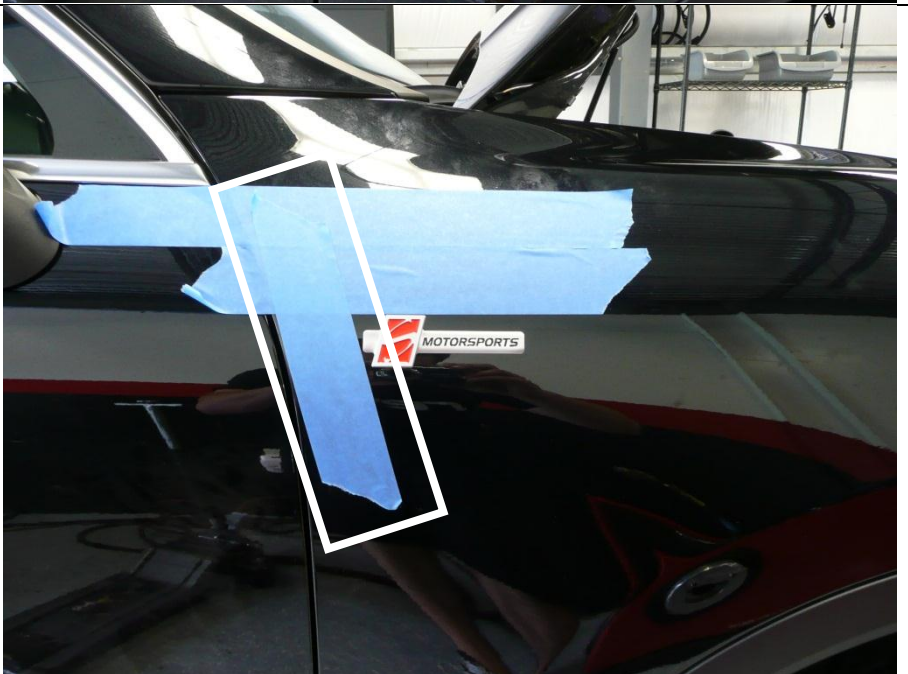
14	Remove the (4) 8mm nuts retaining the inner tail lights to the tail gate (circles). Driver's side pictured.	
15	Carefully lift the inner tail light housing out of the tail gate. Be sure not to scratch the tail gate with the tail light studs.	
16	Disconnect the electrical connector from the tail light housing by pushing in on the connector, pulling back on the tab and then pulling back on the entire connector.	
17	Install the new tail lights by following the removal instructions in reverse order. See torque specification table for appropriate fastener for torque specifications  <b>NOTE:</b> Be sure that the inner tail lights function <i>before</i> reinstalling the tail gate trim.	


## Tail Light Post Installation Checklist

<input type="radio"/>	Using the PIWIS tool, change the vehicle market to the appropriate market for vehicle use.
<input type="radio"/>	Ensure that the tail lights function correctly (running lights, brake lights, turn signals).

## Side Badge Installation

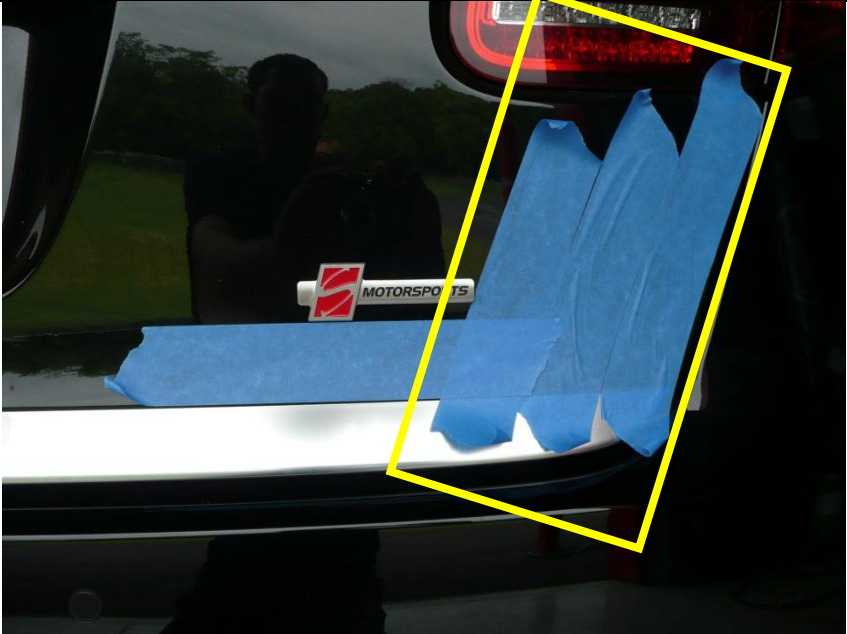
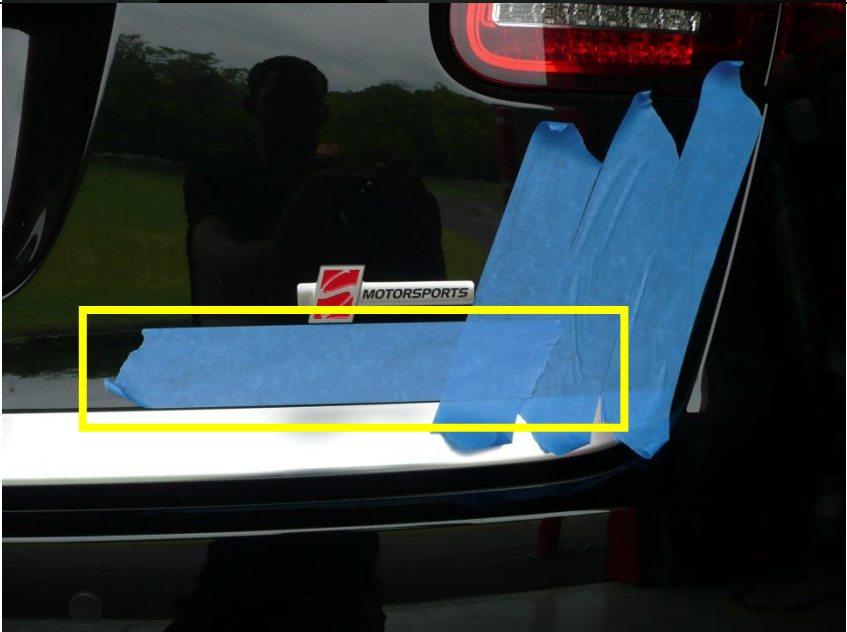
### Instructions for Side Badge Installation

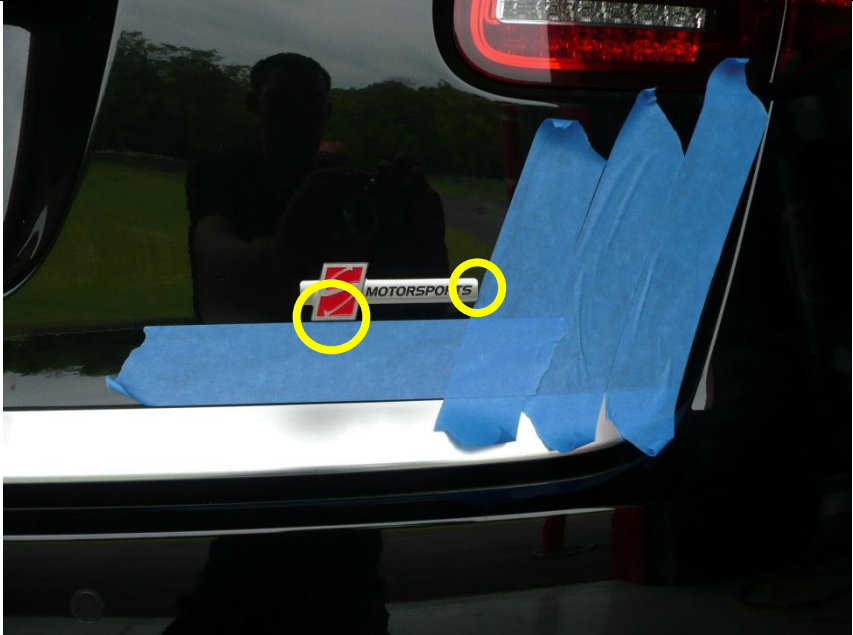
1	Wash and dry both the driver and passenger side front fenders to prevent any paint scratches from occurring during installation.	
2	Apply two 14" strips of 2" wide blue tape to the fender, parallel to the ground. Use the silver door trim as a straight edge. See picture at right for reference.	
3	Apply one 14" strip of 2" wide blue tape to the fender, using the gap between the fender and the door as a guide. Note the angle of application of the tape in highlighted area of the picture.	

4	<p>Remove the tape from the adhesive on the motorsports badge and <i>lightly</i> tack it to the fender. The badge text should be parallel with the ground. Be sure to place the badge at the edges of the blue tape guide. See highlighted areas (circles) in picture for reference.</p>	
5	<p>With the badge <i>lightly</i> tacked, step back 4-5 feet and ensure that the badge text is parallel to the ground.</p>	
6	<p>If the position of the badge is satisfactory, apply medium pressure to the face of the badge to bond it to the fender. Remove the tape after the badge has been secured to the fender.</p>	

## Rear Badge Installation



### Instructions for Rear Badge Installation

1	Wash and dry the rear of the vehicle to prevent any paint scratches from occurring during installation.	
2	Apply (3) 10" strips of 2" wide blue tape to the tail gate, using the gap between the rear quarter panel and the tail gate as a guide. Note the angle of application of the tape in highlighted area of the picture.	
3	Apply one 14" strip of 2" wide blue tape to the tail gate, just touching the silver gate sill. Note the highlighted area of the picture as reference.	

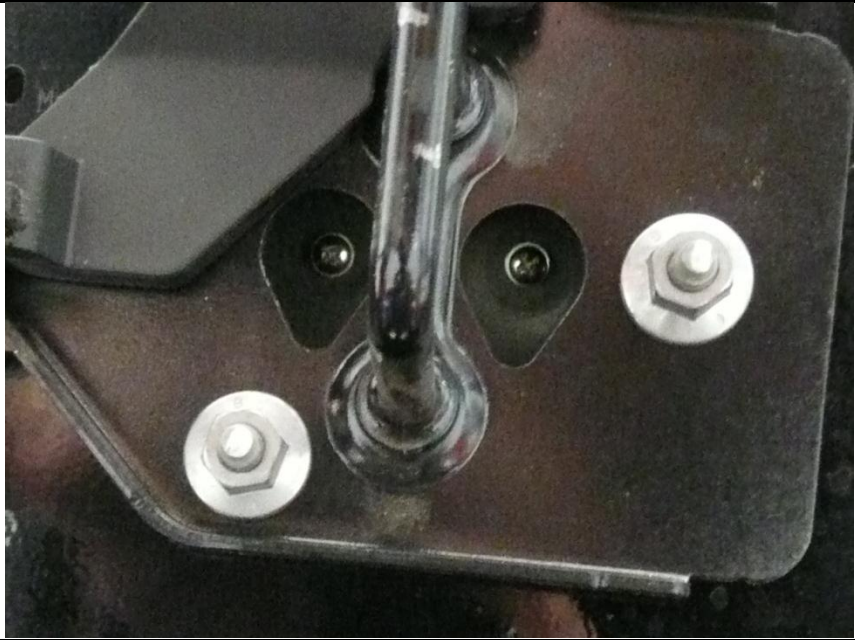
4	<p>Remove the tape from the adhesive on the motorsports badge and <i>lightly</i> tack it to the tail gate. The badge text should be parallel with the ground. Be sure to place the badge at the edges of the blue tape guide. See highlighted areas (circles) in picture for reference.</p>	
5	<p>With the badge <i>lightly</i> tacked, step back 4-5 feet and ensure that the badge text is parallel to the ground.</p>	
6	<p>If the position of the badge is satisfactory, apply medium pressure to the face of the badge to bond it to the tail gate. Remove the tape after the badge has been secured to the tail gate.</p>	

# Hood Badge Installation

## Instructions for Hood Badge Installation

1	Open the hood and remove the 8mm cap nuts (circle) retaining the Porsche crest to the hood.	
2	Lower the hood and carefully remove the Porsche crest from the hood.	
3	Carefully lay the crest of the "S" hood badge into the crest of the hood.	
4	While holding the "S" hood badge down, raise the hood and align the screw holes of the badge with the holes in the hood.	

5 Screw both machine screws into the hood badge. Be sure to include the washers on the screws



### Badge Post Installation Checklist

- |                       |   |
|-----------------------|---|
| <input type="radio"/> | Check hood badge to ensure it is flush with hood.             |
| <input type="radio"/> | Check that side/rear badges are fully adhered to body panels. |

## Wheel Installation

### Instructions for Removal/Installation

1	Before removing any parts, place the vehicle on a professional vehicle lift.
2	Locate the wheel lock key in the spare tire storage compartment and set it aside.
3	Using an impact gun, remove the (16) wheel lug bolts and the (4) wheel lock bolts with the lock key. Set the four wheels aside.
4	Fit the new wheels to the vehicle, one corner at a time.  <b>NOTE:</b> Be sure that the wheel will rotate in the specified direction for the tire tread (found on the tire sidewall). Do not fully torque the wheel bolts at this time, but ensure that they are tight enough to completely seat the inner wheel face against the vehicle hub.
5	Lower the vehicle down and torque the wheel lug bolts to 118 lb.-ft.  <b>NOTE:</b> Be sure to torque the lug bolts in a star pattern.

### Wheel Post Installation Checklist

<input type="radio"/>	Verify that wheel/tire will rotate in the specified tread pattern direction.
<input type="radio"/>	Verify all wheel bolts are torqued to specification.