

TUNDRA

2017 Dual Black Tip Performance Exhaust

Part Number: 00016-34172**Code: EX3000**

Conflicts

Standard Cab, D-Cab w 8' Bed

Kit Contents

Item #	Qty. Req'd.	Description
1	1	R/H tailpipe
2	1	L/H Tailpipe
3	1	Muffler assembly
4	1	Tailpipe Assembly
5		
6		
7		
8		

Color Applicability/Trim Level

[illegible]


Hardware Bag Contents


[illegible]


General Applicability

Crew Max, D-Cab w/Standard Bed


Legend


 **STOP:** A process to the vehicle may occur. Do not proceed until process has been complied with.

 **OPERATOR SAFETY:** Use caution to avoid risk of injury.

 **CAUTION:** A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.

 **TOOLS & EQUIPMENT:** Used in Figures calls out the specific tools and equipment recommended for this process.

 **REVISION MARK:** This mark highlights a change in installation with respect to previous issue.

 **SAFETY TORQUE:** This mark indicates that torque is related to safety.

Recommended Tools

Safety Tools	
Safety glasses	
Special Tools	
Exhaust Hanger Removal Tool	
Installation Tools	
3/8" drive ratchet	
3/8" drive extension	
15 mm Socket	
14 mm Socket	
12 mm Socket	
Torque Wrench	
Special Chemicals	
Soap And Water	

SPECIAL NOTE: Installation Sequences

After TMS and Safety mandated preparatory steps have been taken, the installation sequence is the suggested method for completing the accessory installation. In some instances the suggested sequence is written for one associate to install and in others the sequence is given as part of a team accessory installation. Unless otherwise stated in the document, the associates may perform the installation steps in any order to make the installation as efficient as possible while maintaining consistent quality.

This Toyota Performance Exhaust System has been designed for the Toyota Tundra equipped with the 5.7L & 4.7L V8 engine and automatic transmission.



Caution!!! Never work on a hot exhaust system. Serious injury in the form of burns can result. If the vehicle has been in use and the exhaust system is hot, allow vehicle to cool for at least 1 hour. Always wear eye protection when working under any vehicle.

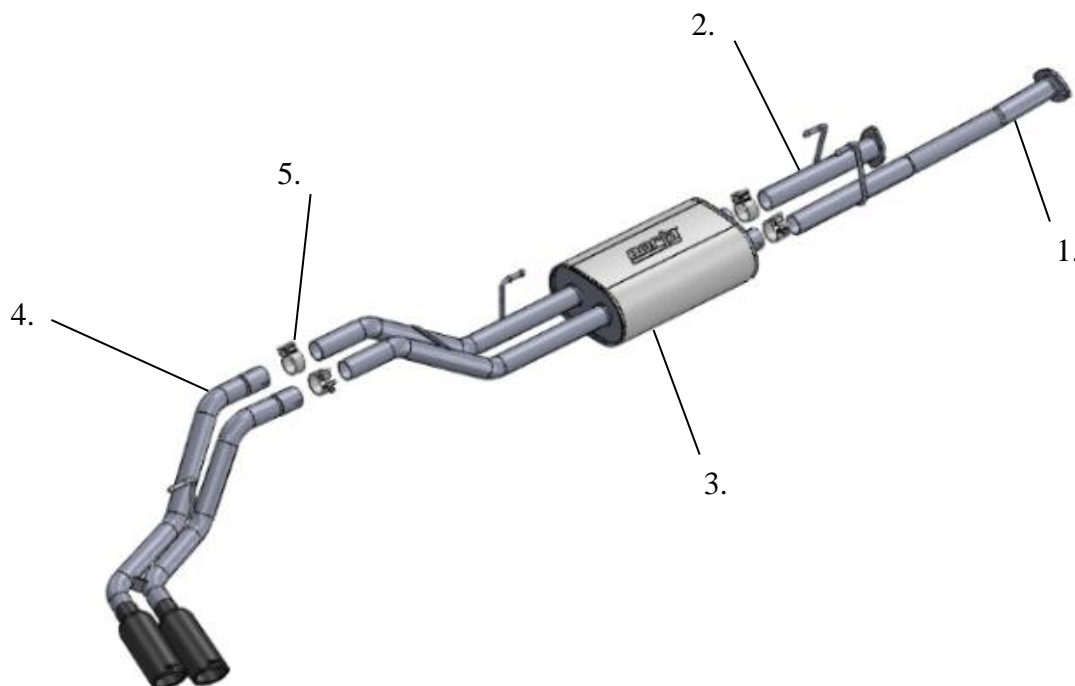
Note: It is our recommendation that you use a hoist or hydraulic lift to facilitate the installation of your new performance exhausts system.

Taking all under car safety precautions, lift the vehicle using a hoist or hydraulic lift. Once this has been done, you may begin the removal of your old exhaust system from your vehicle.

Note:

Please compare the parts you have received with the bill of materials provided to assure that you have all the parts necessary for the installation of your new Performance Exhaust System.

Performance Cat-back Bill of Materials



1. R/H Tailpipe
2. L/H Tailpipe
3. Muffler assembly
4. Tailpipe Assembly
5. 2.25" clamp (qty. 4)

Original Exhaust System Removal

1. Lubricate all the hangers and rubber isolators.
2. Remove the tailpipe clamp shown in figure 1. Remove the hanger from the rubber isolator and set the tailpipe aside.
3. Unbolt the flanges behind catalytic converters as shown in figure 2. Save the bolts for reinstallation of your new exhaust. Remove the hangers from the rubber isolators and remove the muffler assembly. Ref. Figure 3 for the factory system.



Figure 1



Figure 2



Figure 3

Note: During installation of the new exhaust system, leave the protective cover on the exhaust tip to prevent damage.

Toyota Performance Exhaust System Installation

1. Using the original hardware, place the front pipes in position as shown in figure 4. hand tighten the hardware for now. Place a 2.25" clamp over each pipe. Ensure bolts are on passenger side of pipe and the nut is facing down when tightening.
2. Position the muffler assembly as shown in figure 5, sliding the expanded inlets over the front pipes. Ensure the clamps are on the passenger side and the nuts are facing down as shown in figure 6. Then work the rubber isolator over the hanger. Place a clamp over each of the muffler outlets, reference figure 5.
3. Slide the expanded end of the Tailpipe over each muffler outlet and set into place. Ensure the bolts are on passenger side of pipe and the nut is facing down when tightening as shown in figure 7



Figure 4



Figure 5



Figure 6



Figure 7



4. Place the hanger into the rubber isolator as shown in figure 8.
5. Adjust tips so they are in the approximate location as shown in figure 9& 10.
Keep tip positioned horizontally with 1-1/2" -2" clearance to bottom of bumper.



Figure 8



Figure 9

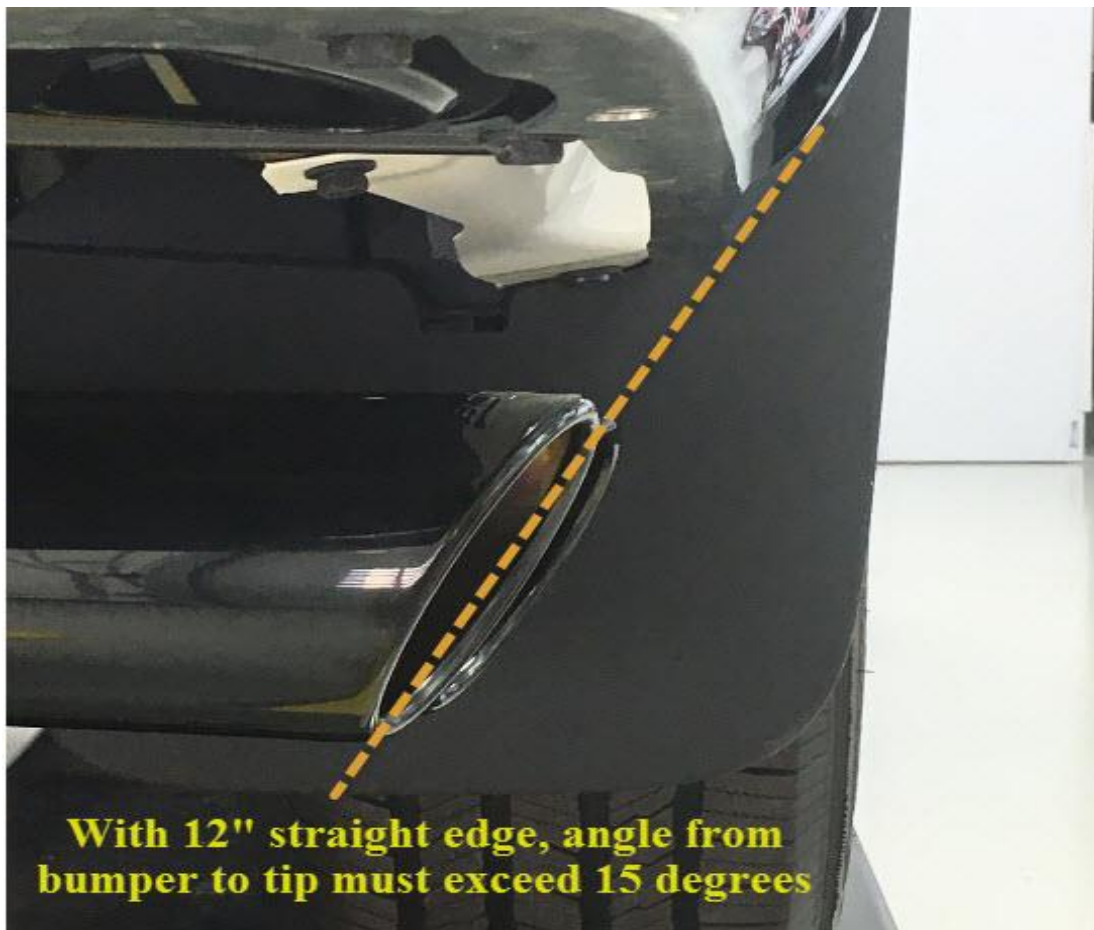


Figure 10



6. Check that all hangers are in the rubber isolators, then tighten flanges and clamps from the front backwards, keeping the muffler horizontal and the tips in position. Tighten the front pipe flange bolts and clamps to 35 ft-lbs.



7. Observe the system as you work back for clearance and fit, adjusting at the slip joints.



8. Before starting your vehicle, make sure to check all wires, hoses, brake lines, body parts and tires for safe clearance from the exhaust system.
9. Start vehicle and check for any leaks. If any leaks are found, determine the cause (such as loose hardware) and repair as necessary.



Note: When you first start your vehicle after the installation of your new Performance Exhaust System, there may be some smoke and fumes coming from the system. This is a protective oil based coating used in the manufacturing of mandrel bent performance exhaust tubing. This is not a problem and will disappear within a very short period of time after the exhaust has reached normal operating temperatures.



FIG 1

Dual Exhaust Torque Procedure

- 1) Install exhaust per install document.
- 2) Scan identifiers in the following order. Visually confirm correct entries in controller and flashing red light turns on.

- a) VIN Number
- b) Part Number

Note: If an incorrect barcode is scanned, complete the scan procedure then repeat until correct identifiers have been received.

- 3) Use Atlas Copco ST Wrench shown in **FIG 1** to torque fastener.
- 4) Torque fasteners in order as shown in **FIG 2**.
- 5) Once job is complete verify on controller.

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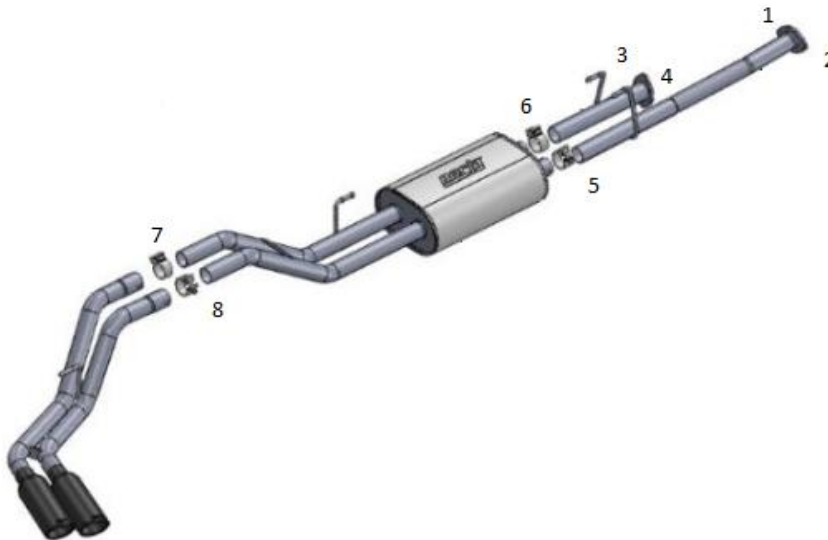


FIG 2