

<b>Part Number:</b> 00016-34732-01 / 4.7L B-Cab Short Bed	00016-34732-02 / 5.7L B-Cab Short Bed
00016-34733-01 / 4.7L D-Cab Long Bed	00016-34733-02 / 5.7L D-Cab Long Bed
00016-34734-01 / 4.7L B-Cab Long Bed; D-Cab Short Bed & Crew Max	00016-34734-02 / 5.7L B-Cab Long Bed; D-Cab Short Bed & Crew Max



TOYOTA  
Southeast Toyota Distributors, LLC

## Kit Contents

Item #	Quantity Req'd.	Description
1	1	Left Front Pipe Assembly
2	1	Right Front Pipe Assembly
3	1	Muffler Assembly
4	1	Left Intermediate Pipe
5	1	L/H Tail Pipe Assembly
6	1	R/H Tail Pipe Assembly
7	5	2.25" Clamps
8	2	Hanger / Bracket Assembly
9	2	Rubber Isolator

Item #	Quantity Req'd.	Description
1		
2		
3		
4		
5		
6		
7		
8		

Item #	Quantity Req'd.	Description

Note: With TMS Hitch PT228-34073 Resin Bumper

<b>Safety Tools</b>	
Safety Glasses	
<b>Special Tools</b>	
<b>Installation Tools</b>	
3/8" Drive Ratchet	
3/8" Drive Extension (3 in.)	
Socket	12, 14,15, & 19mm
Pry Bar	
Screwdriver	
Torque Wrench	
<b>Special Chemicals</b>	
Silicone Spray Lubricant	


[illegible]


\_\_\_\_\_


Item #	Accessory	
1		
2		
3		


\*Mandatory


### Legend

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

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

 **CRITICAL PROCESS:** Proceed with caution to ensure a quality installation. These points will be audited on a completed vehicle installation

 **TOOLS & EQUIPMENT:** This calls out the specific tools and equipment required for this process

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

### **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.

Toyota Motor Company recommends that your Toyota dealer or professional after market parts installer, who has all the necessary equipment, tools and experienced personnel needed for proper installation, should perform the installation of this system. However, if you decide to perform the installation, we recommend someone should help you. Ensure the installer uses all under car safety precautions including eye protection.

***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 exhaust 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: Before removing the original exhaust system from your vehicle, please compare the parts you have received with the bill of materials provided on the next page to assure that you have all the parts necessary for the installation of your new Performance Exhaust System.***

## Original Exhaust System Removal

*Note: With a used vehicle, we suggest a penetrating spray lubricant to be applied liberally to all exhaust fasteners and allowing a significant period of time for the chemical to lubricate the threads before attempting to disassemble.*

1. For an easier time during the removal of your original exhaust system and the installation of your new performance exhaust, (Optional Step) remove the spare tire as recommended by your vehicles manual.
2. Unbolt the clamp shown in figure 1 located just behind the muffler assembly.
3. Lubricate all hangers and rubber isolators.
4. Using a muffler stand or an additional person to hold tail pipe assembly up in place, remove the hanger from the rubber isolator and remove the tail pipe assembly from the vehicle.
5. Unbolt the flanges shown in figure 2 located just after each catalytic converter. Place the hardware to the side for use during the installation of your new exhaust system.



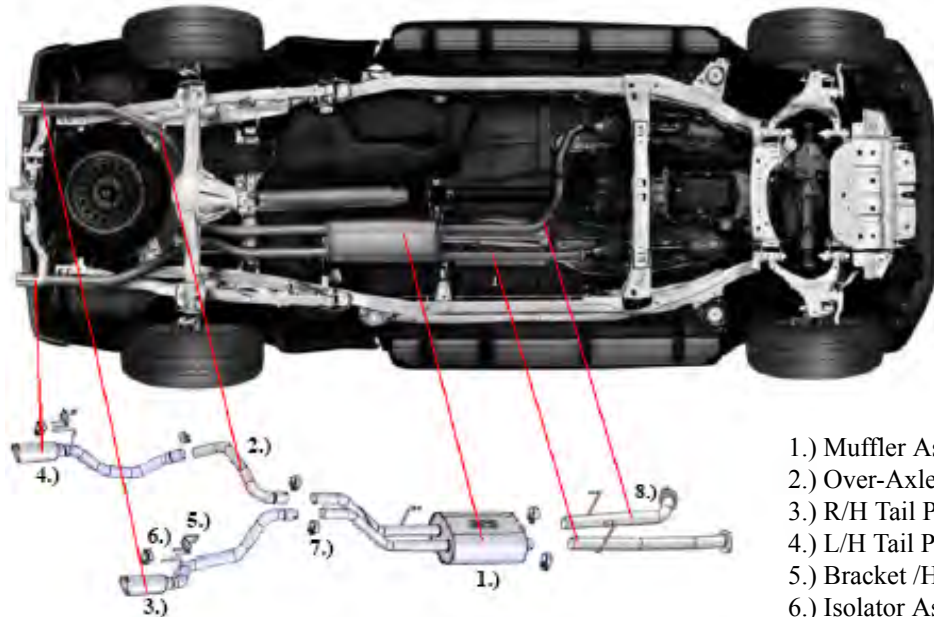
**Figure 1**



**Figure 2**

6. Using a muffler stand or an additional person to hold the muffler assembly up in place, remove the hangers from the rubber isolators and remove the muffler assembly from the vehicle.

### “ Illustration for Muffler Assembly Installation”



- 1.) Muffler Assembly
- 2.) Over-Axle Pipe Assembly
- 3.) R/H Tail Pipe Assembly
- 4.) L/H Tail Pipe Assembly
- 5.) Bracket /Hanger Assembly
- 6.) Isolator Assembly
- 7.) S/S Accuseal 2.25"Clamps
- 8.) Left & Right Front Pipe Assembly



Figure 5



Hanger clamps  
80ft. lbs

Figure 6

- 1.) Install front pipe assembly and muffler assembly, refer to illustration on page 3.
- 2.) Place a clamp over the expanded end of both left and right tail pipe assemblies and set them into position as shown in figure 7 making sure to install the hangers into the rubber isolators. **Do Not** tighten the clamps.
- 3.) Install hanger clamps (fig.6)



Figure 7

- 4.) Check your exhaust system for proper clearance under the vehicle and also for tip alignment.
- 5.) Once position has been determined to be correct, tighten the clamps to 35 ft. lbs.
- 6.) Tighten the flange hardware.
- 7.) Before starting your vehicle, make sure to check all wires, hoses, brake lines, body parts and tires for safe clearance from the exhaust system.
- 8.) Start vehicle and check for any leaks. If any leaks are found, determine cause (such as loose or incorrectly positioned clamp) and repair as necessary.



1. Check your exhaust system for proper clearance under the vehicle and also for tip alignment.



2. Once position has been determined to be correct, tighten the clamps to 35 ft. lbs.



3. Tighten the flange hardware and torque to 35 ft lbs.

Target 35ft. lbs. Range 26.25 min. ~ 52.5 max. (-25% / +50%)

Tighten hanger brackets to 80 ft. lbs.

Target 80 ft. lbs. Range 60 ft. lbs. min. ~ 120 ft.lbs.max. (-25% / +50%)

*Note: Ensure that all fasteners & clamps are properly tightened during the installation process only.*



4. Before starting your vehicle, make sure to check all wires, hoses, brake lines, body parts and tires for safe clearance from the exhaust system.



5. Start vehicle and check for any leaks. If any leaks are found, determine cause (such as loose or incorrectly positioned clamp) 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.*



Note: Range provided by QA