

TOYOTA, TACOMA, 3.5L  
2016-20

## PARTS INCLUDED

Ref.	Part Number	Description	Qty
1)		Main Y-pipe Assembly	1
2)		Driver side Resonator Assembly	1
3)		Driver side intermediate pipe	1
4)		Passenger resonator Assembly	1
5)		Band Clamp, 2 1/4"	2
6)		M10- 1.25 X 35 Flange bolts	8
7)		M10- 1.25 Flange Nuts	8

89229

"OFF-ROAD" Y-PIPE ASSEMBLY

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**TOOLS REQUIRED**

Ref. Description	Ref. Description
1) 3/8" Drive Ratchet	5) 7/8" or 22mm Wrench or O2 Sensor Socket
2) Assorted Extensions	6) Crescent Wrench
3) 12mm, 14mm Socket	7) WD40 or Equivlant
4) 10mm, 14mm Wrench	

**INSTALLATION INSTRUCTIONS**

**BEFORE STARTING:**

- 1) Gather all appropriate tools and secure a clean work space.
- 2) Read instruction sheet completely. If you have any questions, call our tech. department at (951)739-5900.
- 3) Do not cut or modify parts unless instructed to do so.
- 4) Always disconnect the battery when working on your vehicle to avoid any potential problems.
- 5) Your vehicle should be raised to ease installation. A hoist is ideal, however, installation can be accomplished using a floor jack and jack stands. **CAUTION:** Never work on a vehicle that is supported by a bumper jack only.
- 6) Although muffler clamps are provided, they are only intended to temporarily hold the system together until it can be fully welded.

**REMOVAL / ASSEMBLY:**

- 1) Starting at the rear of exhaust, spray WD40 or equivalent lubricant on the rubber hangers to allow easy removal of all hanger rods.
- 2) Unbolt the factory y-pipe just in front of the exhaust system. Slide the exhaust system back and out of the way.
- 3) Unbolt the flanged connections connecting the main y-pipe assembly and remove the y-pipe.
- 4) Unplug both O2 sensors from the wiring harness.

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- 5) Unbolt and remove the connector pipes from the manifolds. Save all gaskets as they will be reused with your new system.
- 7) Carefully remove the O2 sensors from the factory headpipes.
- 8) Then carefully thread the O2 sensors into the Y-pipe.
- 9) Install the Y-pipe assembly up into the vehicle, then slide the driver side assembly into the rubber hanger and into main assembly.
- 10) Loosely bolt the full assembly to the manifolds using the supplied hardware and factory crush gaskets.  
*NOTE: If your crush gaskets are worn, they should be replaced and are a stocked item at most Toyota dealerships.*
- 11) Using the factory hardware and donut gasket, attach the Y-pipe to the stock exhaust system. Leave the connection loose at this time.
- 12) Once you are satisfied with the positioning, tighten the connections at manifold first then tighten the hardware at the exhaust system.
- 13) Tighten down the supplied muffler clamp where the two assemblies connect.
- 14) Plug both O2 sensors back into the wiring harness. *(Note: The passenger side harness may have to be unclipped from the bracket on the transmission.)*
- 15) Reconnect battery and start vehicle, checking for any exhaust leaks or rattles - adjust system as necessary. After several days driving time, recheck all bolts tightness.