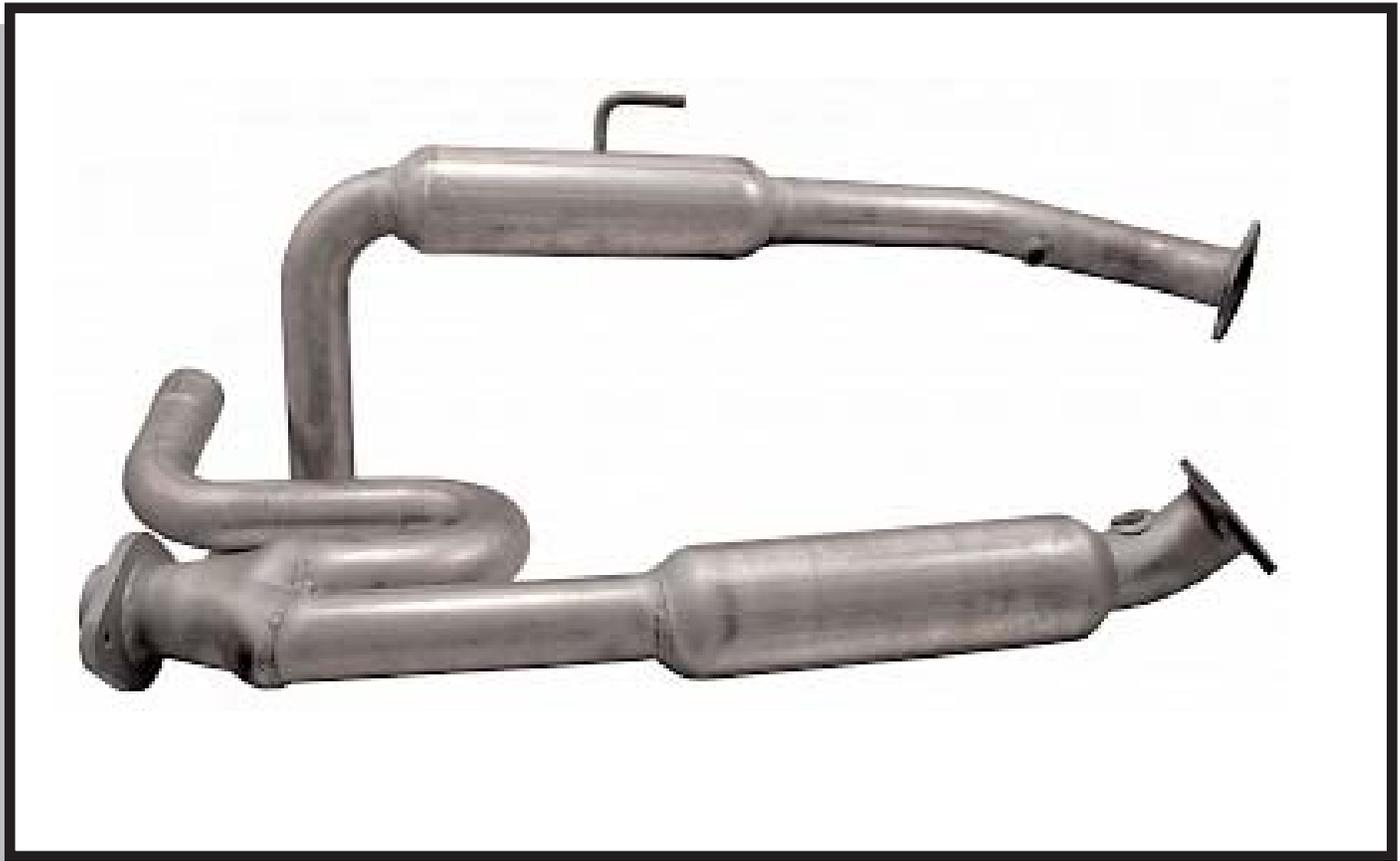


TOYOTA, FJ CRUISER / 4RUNNER
2007-2016



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) | 07-38-HPC225BP | Muffler Clamp, 2-1/4", Zinc | 2 |
| 6) | 01-53100125035-27 | M10-1.25X35 Flange Nuts | 8 |
| 7) | 01-7410125 | M10-1.25 Flange bolts | 8 |

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4.0L V6 PERFORMANCE MID-PIPES

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TOOLS REQUIRED

| Ref. | Description | Ref. | Description |
|------|---------------------|------|---|
| 1) | 3/8" Drive Ratchet | 5) | 14mm Socket |
| 2) | Assorted Extensions | 6) | Crescent Wrench |
| 3) | 14mm wrench | 7) | 7/8" or 22mm wrench or o2 sensor socket |
| 4) | 12mm wrench | 8) | WD40 or Equivlant |

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 both flanged connections connecting the main y-pipe assembly and remove the y-pipe
- 4) Unplug O2 sensors from the wiring harness.

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- 5) Unbolt and remove the connector pipes from the manifolds.
- 6) Carefully remove the O2 sensors from the factory headpipes.
- 7) Then carefully thread the O2 sensors into the Y-pipe.
- 8) Install the Y-pipe assembly up into the vehicle, then slide the driver side assembly into the rubber hanger and into main assembly.
- 9) Place your factory crush gaskets (inspect and replace if necessary) between the manifold flanges and the y-pipe inlets. Loosely bolt the full assembly to the manifolds using the stock hardware.
- 10) Using the factory hardware, attach the Y-pipe to the stock exhaust system. Leave the connection loose at this time.
- 11) Once you are satisfied with the positioning, tighten the connections at manifold first then tighten the hardware throughout the exhaust system.
- 12) Tighten down the supplied muffler clamp(s) where the all assemblies connect.
- 13) Plug O2 sensors back into the wiring harness. *(Note: The passenger side harness may have to be unclipped from the bracket on the transmission.)*
- 14) 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.