

# 2016+ NISSAN TITAN XD INTERCOOLER PIPE AND BOOT KIT PARTS LIST AND INSTALLATION GUIDE



## PARTS INCLUDED

- 2PC** | ALUMINUM INTERCOOLER PIPES
- 4PC** | SILICONE BOOTS WITH DURACORE™ TECHNOLOGY
- 8PC** | CONSTANT-TENSION T-BOLT CLAMPS

## TOOLS NEEDED

- 10MM SOCKET
- 1/4" DRIVE EXTENSIONS
- 7/16" SOCKET
- 1/4" DRIVE RATCHET

**INSTALL TIME 1 HOUR**

**INSTALL DIFFICULTY**

## DISCLAIMER

- Raise vehicle only on jack stands or on a vehicle lift.
- Allow vehicle to cool completely prior to attempting installation.
- Do not run the engine or drive the vehicle while overheating; serious damage can occur.
- Please dispose of any liquids properly.
- Mishimoto is not responsible for any vehicle damage or personal injury due to installation errors, misuse, or removal of Mishimoto products.
- Mishimoto suggests that a trained professional install all Mishimoto products.

## CAUTION

Never work on the cooling system when it is hot. The coolant temperature in the radiator can be considerably higher than boiling, and the system may be under pressure. Opening a cooling system that is hot or under pressure can result in serious injury. Always wait until the system has cooled completely before servicing it in any way.

## INSTALL PROCEDURE

- 01.** Loosen the T-bolt clamp that secures the stock cold-side intercooler pipe to the intake manifold. Then pull the boot off the intake manifold. (1x 7/16" T-bolt clamp)



- 02.** Loosen the T-bolt clamp that secures the stock cold-side intercooler pipe to the intercooler. Then pull the boot off the intercooler. (1x 7/16" T-bolt clamp)
- 03.** Remove the cold-side intercooler pipe from the vehicle.
- 04.** Loosen the T-bolt clamp that secures the stock hot-side intercooler pipe to the turbocharger outlet. (1x 7/16" T-bolt clamp)



CONTINUED ON FOLLOWING PAGE

**01**

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05. Remove the power steering reservoir from its mount by lifting it upward. Move the reservoir out of the way so you can access the intercooler connection on the hot-side pipe.



06. Loosen the T-bolt clamp that secures the hot-side intercooler pipe to the intercooler. Disconnect the pipe from the turbocharger outlet first, then disconnect the pipe from the intercooler and remove the hot-side intercooler pipe from the vehicle. (1x 7/16" T-bolt clamp)

07. There are four intercooler boots included with your kit. Three of them are identical in height. Locate the short boot. It will be installed to the cold-side intercooler pipe, on the end with the boss shown here. This boss can be drilled and tapped to accommodate a sensor or water-injection nozzle.



08. Slip one of the provided T-bolt clamps over each end of the short boot and install it to the cold-side intercooler pipe. (2x 10mm T-bolt clamps)
09. The remaining intercooler boots are identical. Install one of the provided T-bolt clamps over each end of one of the boots, and install it to the other end of the cold-side intercooler pipe. (2x 10mm T-bolt clamps)

10. Repeat this process for the two boots on the hot-side pipe. (4x 10mm T-bolt clamps)
11. Install the cold-side intercooler pipe. The end with the boss will attach to the intake manifold. Lower the pipe into place and slip it over the intercooler outlet. Then slip the other end onto the intake manifold. Once the boots are fully seated on both connections, make sure the clamps are positioned over the bead roll and tighten them to secure the pipe.
12. Lower the hot-side pipe into place and slip it over the turbocharger outlet. Then slip the other end over the intercooler inlet. Once the boots are fully seated on both connections, make sure the clamps are positioned over the bead roll and tighten them to secure the pipe.
13. Reinstall the power steering reservoir by pushing it down into the mount until it clicks.

**Congrats! You just finished installing the 2016+ Nissan Titan XD Intercooler Pipe and Boot Kit.**



**02**