

**advanced FLOW engineering**

**Instruction Manual** P/N: 46-20289-B

---

Make: **Nissan** Model: **Titan XD** Year: **2016-2017** Engine: **V8-5.0L (td) Cummins**



- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect the negative battery terminal before proceeding.
- Retain factory parts for future use.

Label	Qty.	Description	Part Number
A	1	Tube, Cold Side	05-60732B
B	1	Coupling, Silicone Elbow	05-60432
C	1	Coupling, Silicone Reducer Elbow	05-60175
D	2	Clamp, Spring Loaded T-Bolt: 2.85"	05-60039
E	2	Clamp, Spring Loaded T-Bolt: 3.25"	05-50530
F	1	Plug, Hex Hd Socket: 1/8"	03-50029

Tools Needed: 3/16" Allen wrench, thread sealant, 11mm deep socket, extension and ratchet.

Note: Legal in California for use on race vehicles only. The use of this device on vehicles used on public streets or highways is strictly prohibited in California and others states that have adopted California emission regulations.





Figure A

**Refer to Figure A for Steps 1-3**

Step 1: Park vehicle on level ground and engage the parking brake.

Step 2: Disconnect the negative battery cable from both batteries.

Step 3: Open the hood and locate the cold side intercooler tube, it will be on the passenger side of the vehicle.



**Refer to Figure B for Steps 4-9**

- Step 4: Loosen the clamps securing the tube onto the engine inlet and the intercooler using a 11mm socket.
- Step 5: Remove the intercooler tube from the vehicle.
- Step 6: Now you can start the assembly of the aFe intercooler tube.
- Step 7: If you are not using any aftermarket sensors, install the 1/8" plug into the aFe intercooler tube using a 3/16" Allen wrench.
- NOTE: Be sure to use thread sealant on the plug to prevent any leaking.**
- Step 8: Install the shorter angled coupling onto the top of the intercooler tube along with one of the larger clamps supplied, do not tighten at this time.
- Step 9: Install the longer angled coupling onto bottom end of the intercooler along with one of the larger clamps supplied.

**Figure C****Refer to Figure C for Steps 10-13**

- Step 10: Place the smaller remaining clamps onto the engine inlet and the intercooler outlet tube on the intercooler.
- Step 11: Install the cold side tube into the vehicle, first connect the bottom angled coupling to the intercooler then connect the top coupling onto the engine inlet.
- Step 12: Adjust couplings and tube so that everything is mated properly and the tube is not touching anything.
- Step 13: Tighten all four of the clamps using a 11mm socket. Install is now complete!



**SCORCHER GT Module**



P/N: 77-46101

**Momentum HD Intake**



P/N: 50-76105 (P10R)  
51-76105 (PDS)

**Dynamic Air Scoop**



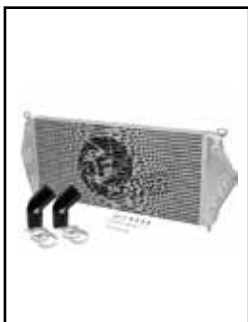
P/N: 54-76105-S

**OE Replacement Filter**



P/N: 30-10269 (P5R)  
31-10269 (PDS)

**Intrcooler**



P/N: 46-20281

**Cold-Side Intrcooler Tube**



P/N: 46-20288-B

**Rear Differential Cover**



P/N: 46-70362 (Blk./Mach.)  
46-70360 (RAW)

**DPF-Back Exhaust**



P/N: 49-06112-B (Blk Tip)  
49-06112-P (Pol Tip)

Rely only on high-grade performance engine parts on our virtual shelves.