



**Part# 1049703**

2003-2007 Turbo-Back 6.0L Ford Powerstroke  
F250/F350 2WD/4WD (Single System)  
(Off-road only for models equipped with Converter)  
**-- Not for Commercial Trucks --**

#### **Removal of Stock System:**

- 1.) Remove the nut from the band clamp in front of the muffler with a 15mm wrench or socket.
- 2.) Remove the rear exhaust from the rubber hangers. Remove the bottom shock bolt at the rear of the truck and separate the stock exhaust at the slip-joint at the muffler.
- 3.) Remove the muffler and tail pipe from under the truck. *Re-install the bottom shock bolt.*
- 4.) Remove the extension pipe from the catalytic converter using a 15mm deep socket on the band clamp on the outlet end of the converter.
- 5.) Remove the converter by disassembling the flange at the inlet using a 15mm wrench or socket.
- 6.) Remove the down-pipe. From under the hood, remove the band clamp with a 11mm at the turbo and cut the pipe in front of the transmission cross-member to remove.

(Note: The stock down-pipe can be removed in one piece by removing the transmission cross-member. It is recommended that this procedure be done only by qualified trained professionals using tools and equipment designed for safety to carry out this process.)

#### **Installation of BD Stainless Exhaust:**

- 1.) Install the new stainless down-pipe, flare-side to turbo using the stock band clamp. Do not fully tighten until all components are in place.
- 2.) Install the mid-pipe to the down-pipe using a 3 ½" clamp to secure the slip joint. Note: Do not tighten until all components are installed.

(Installation tip: Temporarily hang the muffler and tail pipe in place using the two OEM rubber hangers and measure to the down pipe to determine the length needed. The extension pipe supplied is pre-cut for the 172" wheelbase truck. All other wheelbases will need to cut the pipe to length).

- 3.) Install the extension pipe to the down pipe.
- 4.) Install the muffler over the extension. The "T" hanger-clamp is used at the rear of the muffler and installed into the OEM rubber hangers above.
- 5.) Install the tail pipe into the muffler and OEM rubber hanger.
- 6.) Install the 5" stainless steel tip to desired position.
- 7.) Install clamps around pipes where needed. Be sure that exhaust system is in place before tightening clamps. Starting at the down-pipe, tighten all connections to complete the installation.

BD recommends that exhaust systems be installed by a trained automotive technician. If these parts are installed by a do-it-yourself person, or end user, please take all necessary precautions to ensure a safe installation.

BD ENGINE BRAKE, INC.

Plant Address: A10-33733 King Rd, Abbotsford, BC, Canada V2S 7M9

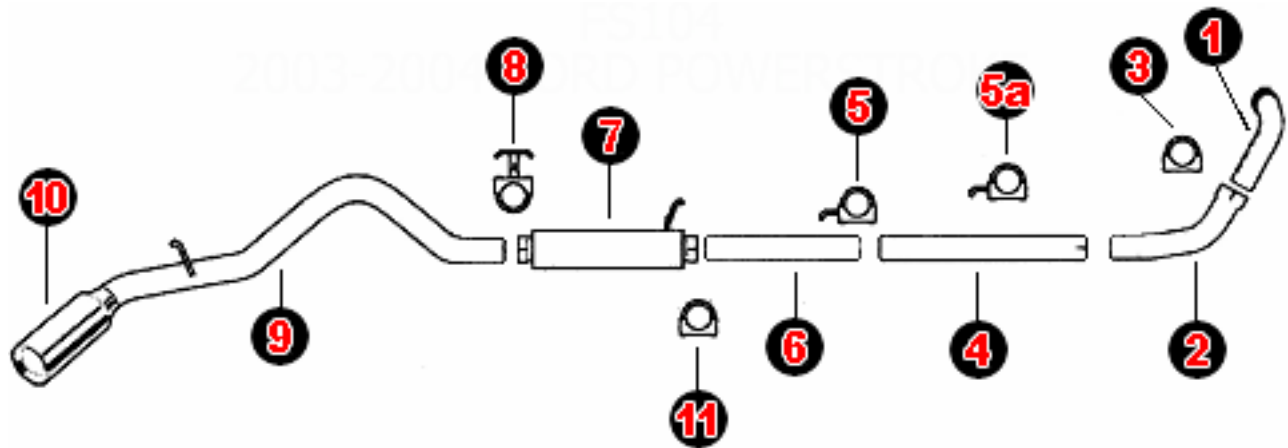
US Shipping Address: 88-446 Harrison St, Sumas, WA 98295 US Mailing Address: PO Box 231, Sumas, WA 98295

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Kit Contents:



1. Turbine Outlet Pipe [1]
2. Elbow Pipe [1]
3. 3 1/2" Exhaust Clamp [1]
4. 40 1/2" Intermediate Pipe [1]
5. 4" Exhaust Clamp w/ hook [2]
6. 33 15/16" Intermediate Pipe [1]
7. Muffler [1]
8. 4" Exhaust Clamp w/ hanger [1]
9. Tail Pipe [1]
10. Polished 5" Exhaust Tip [1]
11. 4" Exhaust Clamp [1]

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