

# **304 Stainless Steel Cat-Back Exhaust Kit**

*2014-2018 GM 1500 Trucks*

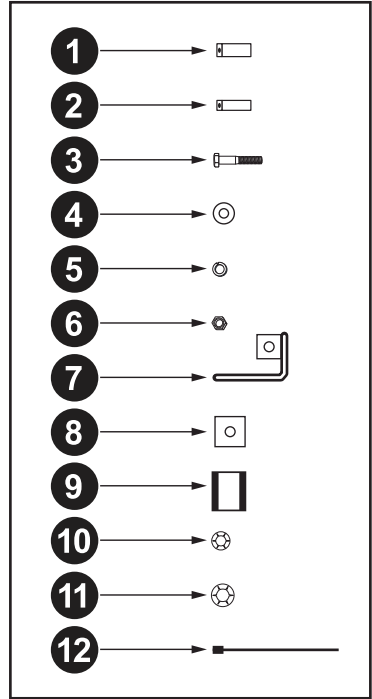
*(117040020, 117040030)*

## ***Installation Guide***



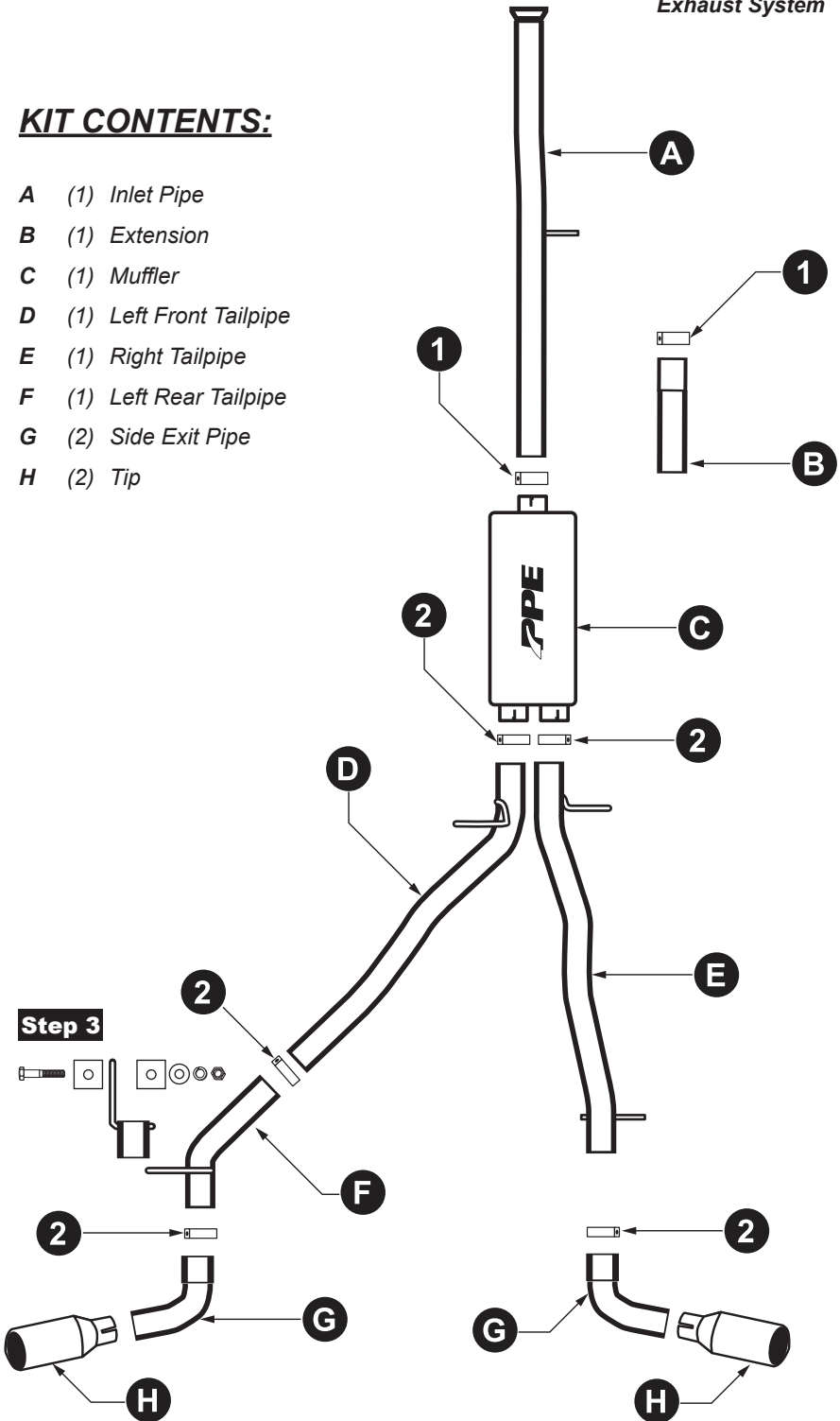
## **HARDWARE PACK:**

- 1** (2) 3.0" Stainless Band Clamp
- 2** (5) 2.5" Stainless Band Clamp
- 3** (1) 3/8" - 16 X 1-1/4" Bolt
- 4** (1) 3/8" Flat Washer
- 5** (1) 3/8" Lock Washer
- 6** (1) 3/8" - 16 Nut
- 7** (1) Left Frame Hanger
- 8** (2) Backing Plates
- 9** (1) Rubber Hanger (red)
- 10** (2) 7/16" Hanger Keeper
- 11** (5) 1/2" Hanger Keeper
- 12** (1) Cable Tie



**KIT CONTENTS:**

- A (1) Inlet Pipe
- B (1) Extension
- C (1) Muffler
- D (1) Left Front Tailpipe
- E (1) Right Tailpipe
- F (1) Left Rear Tailpipe
- G (2) Side Exit Pipe
- H (2) Tip





## **PREPARATION:**

- Step 1. Read and understand these instructions before beginning.
- Step 2. Use penetrating lubricant on stock clamps, isolators, and hangers.
- Step 3. Vehicle off. Exhaust cool. Elevate and secure vehicle.

## **DISASSEMBLY:**

- Step 1. Remove factory exhaust system by removing factory clamps and factory hangers from isolators. Cutting the factory exhaust pipe at the muffler to divide the assembly can help with removal.
- Step 2. Remove factory clamp from pipe inlet and retain for reuse.

## **ASSEMBLY:**

**PREP.** Remove nuts from PPE Clamps **(1, 2)** and apply anti-seize to bolts and nuts.

**NOTE.** Properly seat Clamps fully on all junctions so your exhaust fits securely.

- Step 1. Place factory clamp retained from **Disassembly Step 2** onto Inlet Pipe **(A)**. Connect Inlet Pipe to catalytic converter. Install hanger to factory isolator.

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**NOTE.** Complete this step only if your vehicle is a Crew Cab model with a 6'.5" bed. The Extension **(B)** will not be used on Double Cab or 5.5' Crew Cab models.

Place 3" Clamp **(1)** onto Extension **(B)** inlet then connect to Inlet Pipe **(A)**.

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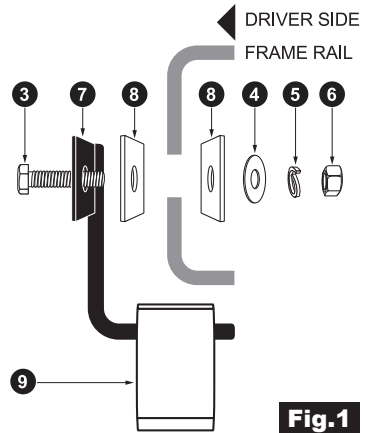
- Step 2. Place 3" Clamp **(1)** on to Muffler **(C)** inlet then connect Muffler to Inlet Pipe **(A)** or Extension **(B)** depending on your model. Tighten front Clamp **(1)** snug for now to allow for later adjustment. Place 2.5" Clamps **(2)** onto Muffler outlets.

- Step 4. Route Right Tailpipe **(E)** over rear axle then connect it to passenger side Muffler outlet **(C)**. Insert both hangers into the isolators to complete connection. Tighten front Clamp snug for now to allow for later adjustment.

- Step 5. Route Left Front Tailpipe **(D)** over rear axle then connect it to passenger side Muffler outlet **(C)**. Insert hanger into isolator to complete connection. Tighten front Clamp snug for now to allow for later adjustment.

- Step 3. Locate the following parts:
- (3)** (1) 3/8 - 16 X 1-1/4" Bolt
  - (4)** (1) 3/8" Flat Washer
  - (5)** (1) 3/8" Lock Washer
  - (6)** (1) 3/8" - 16 Nut
  - (7)** (1) Left Frame Hanger
  - (8)** (2) Backing Plates
  - (9)** (1) Rubber Isolator (red)

Assemble as shown (**Fig. 1**)  
with driver side frame rail  
(oblong hole located behind tire)  
between Backing Plates **(8)**



- Step 6. Place one 2.5" Clamp **(2)** onto Left Rear Tailpipe **(F)** then connect Rear Tailpipe to Left Front Tailpipe **(D)**. Tighten Clamp snug for now to allow for later adjustment. Use Cable Tie **(12)** to secure vent hose and brake lines away from exhaust components.
- Step 7. Place 2.5" Clamp **(2)** onto Side Exit Pipe **(G)** then connect it to the Left Rear Tailpipe **(F)**. Tighten front Clamp snug for now to allow for later adjustment.
- Step 8. Place 2.5" Clamp **(2)** onto Side Exit Pipe **(G)** then connect it to the Right Rear Tailpipe **(E)**. Tighten front Clamp snug for now to allow for later adjustment.
- Step 9. Place one Tip **(H)** onto each of the two Side Exit Pipes **(G)** Adjust to level Tips. Tighten snug for now to allow for later adjustment.
- Step 10. Beginning at the front of the Inlet Pipe **(A)** and working towards the Exit Pipes **(G)**, adjust each of the exhaust components to achieve a secure fit. Maintain a minimum 1/2" clearance around all components of the exhaust system for suspension travel and vibration.
- Step 11. Install the 7/16" **(10)** and 1/2" **(11)** Hanger Keepers onto the ends of each hanger to prevent components from slipping out of their mounts.
- Recheck to ensure the hangers and isolators are secure. Recheck that pipes and clamps are properly secure.

This completes the installation.



## **DISCLAIMER OF LIABILITY**

Performance products can increase horsepower above and beyond factory specifications. Additional horsepower creates more stress on the drive-train components, which could result in drive-train failure.

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