

## **Installation Instructions for 555-30470 Cat Back 3" Exhaust System w/Turbo Muffler**

**Application: 1988-1993 GM Fullsize 1/2 & 3/4-Ton Pickups, All Wheelbases, 2WD & 4WD w/ 350 C.I.**

NOTE: For vehicles only with 3" exhaust at the converter.

The left tail pipe has 6 bends—the inlet is the long end

The right tail pipe has 5 bends—the inlet is the short end

The muffler outlets should both be parallel to the ground and run side by side

### **Kit Includes:**

- |                                 |                                    |
|---------------------------------|------------------------------------|
| 4) Fender Washers               | 1) Front Extension Pipe #1028350-3 |
| 6) 3" Clamp                     | 1) Left Tail Pipe #1028350-2       |
| 4) 5/16" Lock Washers           | 1) Right Tail Pipe #1028350-1      |
| 4) 5/16" x 1" Bolts             | 1) 6842 Muffler                    |
| 4) 5/16" Nuts                   | 2) Tail Pipe Extensions            |
| 4) THU900 (360 Swinger) BR91930 |                                    |

### **DANGER WARNING:**

Should the purchaser decide to install this exhaust product at home, be warned that pleasure car or light duty truck/van "bumper" jacks are intended for emergency use only. The use of frame contact jack stands in conjunction with a floor jack as main support is highly recommended to minimize accidental dropping of a vehicle while the installation proceeds. We recommend the use of a shop hoist if possible. Please use caution!

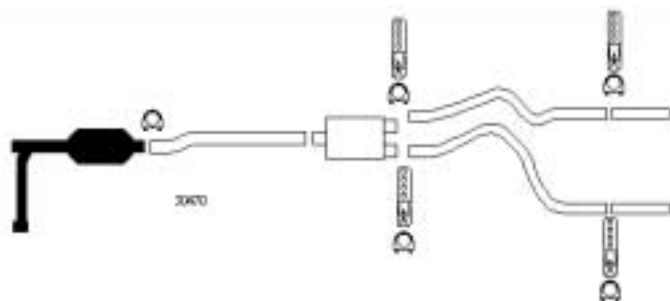
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**NOTE: Do not tighten any clamps or nuts and bolts until the last step! Before cutting any pipes it is a good idea to lay out all the included pipes along side the vehicle and get a good idea of how the pipes will hang on the vehicle. Please read the instructions fully and thoroughly before you begin.**

- 1.** Remove the spare tire from under the truck. Because of clearance problems, you will not be able to run this system with the spare tire in its original position. Therefore, it must be pulled permanently!
- 2.** Remove the exhaust system leaving only the original Y-pipe and catalytic converter on the truck.

NOTE: The extension pipe will fit the longer wheel base trucks without cutting. On all other vehicles the extension pipe will need to be cut from the 3" O.D. end (the end that is not expanded) as necessary. The s-portion of the front pipe should shift the exhaust towards the passenger side (see illustration).

- 3.** Slip the front pipe into place. With the tail pipes in the rear of the muffler, hold up the muffler and tail pipes in a position that clears all chassis components. Mark the front pipe. Make sure to account for at least 2" of the pipe to go into the muffler. Cut the front pipe.
- 4.** Use a 3" clamp to attach the extension pipe to the catalytic converter.
- 5.** Use a 3" clamp to attach the turbo muffler (#6842 or equivalent) to the extension pipe.
- 6.** Slip the right and left over-the-axle pipes into muffler.
- 7.** With the muffler and over-the-axle pipes in place, install the two THU900 hangers above the outlets of the muffler to the frame. NOTE: It may be necessary to drill 5/16" holes in the frame if there are no holes present. Use 5/16" x 1" bolts, nuts, lock washers, and fender washers to connect the hangers to the frame.
- 8.** Mount the muffler and tail pipes to the hangers using the 3" clamps (one for each outlet of the muffler).
- 9.** Install the 28" long 3" I.D./O.D. tail pipe extensions to the over-the-axle pipes.
- 10.** Locate mounting holes in the frame near the end of the over-the-axle sections of the tail pipes. If no mounting holes are present, drill a 5/16" hole in the frame for each tail pipe. Install the remaining THU900 hangers using the fender washers, nuts, bolts and lock washers. Clamp the hangers to the rear tail pipe extensions, connecting the two pipes and the hangers.
- 11.** Trim tail pipes to your desired lengths.
- 12.** Tighten all clamps and check for clearance of brake lines.



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## **Installation Instructions for 555-30473 Cat Back 2-3/4" Exhaust System w/Turbo Muffler**

**Application: 1999-2004 GM Fullsize 1/2 & 3/4-Ton Pickups, Std. Cab Short Bed,  
2WD & 4WD, 4.3L V6, 4.8L & 5.3L V8**

NOTE: For vehicles only with 2-3/4" flanged exhaust at the converter.

The left tail pipe has 6 bends—the inlet is the long end

The right tail pipe has 5 bends—the inlet is the short end

The muffler outlets should both be parallel to the ground and run side by side

### **Kit Includes:**

- |                       |                                    |                                 |
|-----------------------|------------------------------------|---------------------------------|
| 1) 5/16" Lock Washers | 1) Front Extension Pipe #1025755-1 | 1) Formed Flange                |
| 5) 3" Clamp           | 1) Left Tail Pipe #1028350-2       | 1) Middle 3" Hanger Clamp #2911 |
| 1) Fender Washers     | 1) Right Tail Pipe #1028350-1      | 1) Rear 3" Hanger Clamp #2912   |
| 1) 5/16" x 1" Bolts   | 1) #6842 Muffler                   | 1) 360 Swinger Hanger BR91930   |
| 1) 5/16" Nuts         | 2) Tail Pipe Extensions            | 1) Front 3" Hanger Clamp #2957  |

### **DANGER WARNING:**

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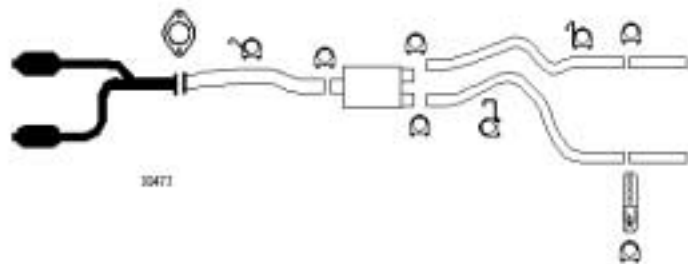
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**NOTE: Do not tighten any clamps or nuts and bolts until the last step! Before cutting any pipes it is a good idea to lay out all the included pipes along side the vehicle and get a good idea of how the pipes will hang on the vehicle. Please read the instructions fully and thoroughly before you begin.**

- 1.** Remove the spare tire from under the truck. Because of clearance problems, you will not be able to run this system with the spare tire in its original position. Therefore, it must be pulled permanently!
- 2.** Unbolt the original exhaust system after the flange behind the converter Y-pipe and save the nuts. Disconnect the factory hangers from the original system, leaving the rubber hanger mounts in place. Remove the original system from the vehicle.
- 3.** Slip the included formed flange on the front extension pipe (3" pipe with a ball flare on one end). The flat side of the formed flange goes towards the front of the vehicle. You may need to tap the flange on the ball joint with a hammer to install. Rotate the pipe to clear the cross member and install the original nuts loosely on the flange.
- 4.** Install the front 3" hanger clamp to the front O.E. rubber hanger mount. Clamp this hanger to the 3" front extension pipe.
- 5.** Use a 3" clamp to attach the turbo muffler (#6842 or equivalent) to the extension pipe.
- 6.** Install the left tail pipe (6 bends, the inlet is the long end) to the muffler using a 3" clamp. The left tail pipe goes between the spring and the shock. Install the middle 3" hanger clamp to the left tail pipe before the first bend in the pipe and connect to the O.E. rubber mount above.
- 7.** Install the left tail pipe extension to the left tail pipe. Locate or drill a 5/16" hole in the frame above the connecting point of the tail pipe and the tail pipe extension and install a BR91930 swinger hanger to the frame. Using the included hardware, bolt the swinger hanger to the frame and clamp to the connecting point of the tail pipe and the tail pipe extension using a 3" clamp.
- 8.** Install the right tail pipe (5 bends, the inlet is the short end) to the muffler using a 3" clamp. Install the rear 3" hanger clamp to the OE. rubber mount and clamp to the right tail pipe in the last bend.
- 9.** Install right tail pipe extension to the right tail pipe using a 3" clamp.
- 10.** Trim tail pipes to your desired lengths.
- 11.** Tighten all clamps, nuts and bolts, and check for clearance of brake and fuel lines, and chassis components.



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## **Installation Instructions for 555-30474 Cat Back 2-3/4" Exhaust System w/Turbo Muffler**

**Application: 1999-2004 GM Fullsize 1/2 & 3/4-Ton Pickups, Extended Cab Short Bed,  
2WD & 4WD w/ 4.8 & 5.3L**

NOTE: For vehicles only with 2-3/4" exhaust at the converter.

The left tail pipe has 6 bends—the inlet is the long end

The right tail pipe has 5 bends—the inlet is the short end

The muffler outlets should both be parallel to the ground and run side by side

### **Kit Includes:**

- |                                    |                         |                                 |
|------------------------------------|-------------------------|---------------------------------|
| 1) Front 3" Hanger Clamp #2944     | 5) 3" Clamp             | 1) 5/16" Lock Washer            |
| 1) Front Extension Pipe #1025750-1 | 1) Fender Washer        | 1) Formed Flange                |
| 1) Left Tail Pipe #1028350-2       | 1) 5/16" x 1" Bolt      | 1) Middle 3" Hanger Clamp #2911 |
| 1) Right Tail Pipe #1028350-1      | 1) #6842 Muffler        | 1) Rear 3" Hanger Clamp #2912   |
| 1) 5/16" Nut                       | 2) Tail Pipe Extensions | 1) 360 Swinger Hanger-BR91930   |

### **DANGER WARNING:**

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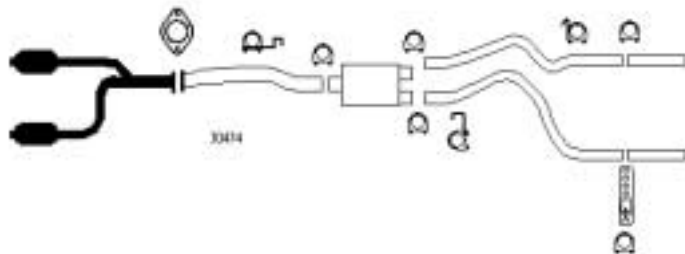
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**NOTE: Do not tighten any clamps or nuts and bolts until the last step! Before cutting any pipes it is a good idea to lay out all the included pipes along side the vehicle and get a good idea of how the pipes will hang on the vehicle. Please read the instructions fully and thoroughly before you begin.**

- 1.** Remove the spare tire from under the truck. Because of clearance problems, you will not be able to run this system with the spare tire in its original position. Therefore, it must be pulled permanently!
- 2.** Unbolt the original exhaust system after the flange behind the converter Y-pipe and save the nuts. Disconnect the factory hangers from the original system, leaving the rubber hanger mounts in place. Remove the original system from the vehicle.
- 3.** Slip the included formed flange on the front extension pipe (3" pipe with a ball flare on one end). The flat side of the formed flange goes towards the front of the vehicle. You may need to tap the flange on the ball joint with a hammer to install. Rotate the pipe to clear the cross member and install the original nuts loosely on the flange.
- 4.** Install the front 3" hanger clamp to the front O.E. rubber hanger mount. Clamp this hanger to the 3" front extension pipe.
- 5.** Use a 3" clamp to attach the turbo muffler (#6842 or equivalent) to the extension pipe.
- 6.** Install the left tail pipe (6 bends, the inlet is the long end) to the muffler using a 3" clamp. The left tail pipe goes between the spring and the shock. Install the middle 3" hanger clamp to the left tail pipe before the first bend in the pipe and connect to the O.E. rubber mount above.
- 7.** Install the left tail pipe extension to the left tail pipe. Locate or drill a 5/16" hole in the frame above the connecting point of the tail pipe and the tail pipe extension and install a swinger hanger to the frame. Using the included hardware, bolt the swinger hanger to the frame and clamp to the connecting point of the tail pipe and the tail pipe extension using a 3" clamp.
- 8.** Install the right tail pipe (5 bends, the inlet is the short end) to the muffler using a 3" clamp. Install the rear 3" hanger clamp to the O.E. rubber mount and clamp to the right tail pipe in the last bend.
- 9.** Install right tail pipe extension to the right tail pipe using a 3" clamp.
- 10.** Trim tail pipes to your desired lengths.
- 11.** Tighten all clamps, nuts and bolts, and check for clearance of brake and fuel lines, and chassis components.



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## **Installation Instructions for 555-30480 Cat Back 2-1/4" Exhaust System w/Turbo Muffler**

**Application: 1980-96 Ford Fullsize 1/2 & 3/4-Ton Pickups, All Wheelbases, 2WD & 4WD w/4.9, 5.0, 5.8L**

NOTE: For 6-cyl. vehicles with 2-1/4" exhaust at the converter and V-8 except 460 & 351 c.i. w/ 2-1/2" exhaust at the converter.

The left tail pipe has 6 bends—the inlet is the long end

The right tail pipe has 5 bends—the inlet is the short end

The muffler outlets should both be parallel to the ground and run side by side

### **Kit Includes:**

- |                       |                                    |
|-----------------------|------------------------------------|
| 1) 2-1/4" Clamp       | 1) Front Extension Pipe #1024455-3 |
| 5) 3" Clamp           | 1) Left Tail Pipe #1028350-2       |
| 4) Fender Washers     | 1) Right Tail Pipe #1028350-1      |
| 4) 5/16" x 1" Bolts   | 1) #6842 Muffler                   |
| 4) 5/16" Nuts         | 2) Tail Pipe Extensions            |
| 4) 5/16" Lock Washers | 4) THU900 360 Swinger Hangers      |

### **DANGER WARNING:**

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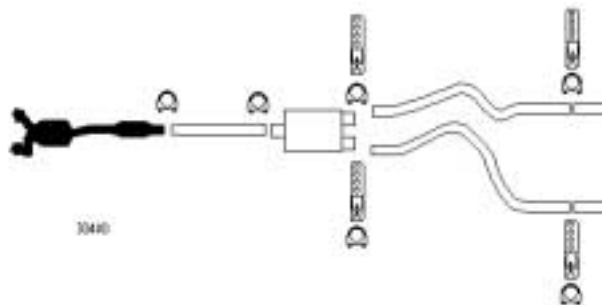
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**NOTE: Do not tighten any clamps or nuts and bolts until the last step! Before cutting any pipes it is a good idea to lay out all the included pipes along side the vehicle and get a good idea of how the pipes will hang on the vehicle. Please read the instructions fully and thoroughly before you begin.**

- 1.** Remove the spare tire from under the truck. Because of clearance problems, you will not be able to run this system with the spare tire in its original position. Therefore, it must be pulled permanently!
- 2.** Remove the exhaust system leaving only the original Y-pipe and catalytic converter on the truck.  
NOTE: The extension pipe will fit the 155" wheel base trucks without cutting. On all other vehicles the extension pipe will need to be cut from the 3" O.D. end (the end that is not shrunk) as necessary.
- 3.** Slip the front pipe into place. With the tail pipes in the rear of the muffler, hold up the muffler and tail pipes in a position that clears all chassis components. Mark the front pipe. Make sure to account for at least 2" of the pipe to go into the muffler. Cut the front pipe.
- 4.** Use a 2-1/4" clamp to attach the extension pipe to the catalytic converter.
- 5.** Use a 3" clamp to attach the turbo muffler (#6842 or equivalent) to the extension pipe.
- 6.** Slip the right and left over-the-axle pipes into muffler.
- 7.** With the muffler and over-the-axle pipes in place, install the two THU900 hangers above the outlets of the muffler to the frame. NOTE: It may be necessary to drill 5/16" holes in the frame if there are no holes present. Use 5/16" x 1" bolts, nuts, lock washers, and fender washers to connect the hangers to the frame.
- 8.** Mount the muffler and tail pipes to the hangers using the 3" clamps (one for each outlet of the muffler).
- 9.** Install the 28" long 3" I.D./O.D. tail pipe extensions to the over-the-axle pipes.
- 10.** Locate mounting holes in the frame near the end of the over-the-axle sections of the tail pipes. If no mounting holes are present, drill a 5/16" hole in the frame for each tail pipe. Install the remaining THU900 hangers using the fender washers, nuts, bolts and lock washers. Clamp the hangers to the rear tail pipe extensions, connecting the two pipes and the hangers.
- 11.** Trim tail pipes to your desired lengths.
- 12.** Tighten all clamps and check for clearance of brake lines and chassis components.



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## **Installation Instructions for 555-30481 Cat Back 2-1/2" Exhaust System w/Turbo Muffler**

**Application: 1997-2003 Ford Fullsize 1/2 & 3/4-Ton Pickups, All Wheelbases,  
2WD & 4WDw/ 4.2, 4.6 & 5.4L, Except SD and Lightning**

NOTE: For 6-cyl. & V-8 vehicles with 2-1/2" exhaust at the converter. Does not fit Super Duty w/ 3" exhaust at the converter, Lightning, Diesel & V-10.

The left tail pipe has 6 bends—the inlet is the long end

The right tail pipe has 5 bends—the inlet is the short end

The muffler outlets should both be parallel to the ground and run side by side

### **Kit Includes:**

- |                     |                                         |                           |
|---------------------|-----------------------------------------|---------------------------|
| 1) 2-1/2" Clamp     | 1) Front Extension Pipe #1024555-3      | 4) 5/16" Lock Washers     |
| 5) 3" Clamps        | 1) Left Tail Pipe #1028350-2            | 4) Fender Washers         |
| 2) 5/16" Lag Screws | 1) Right Tail Pipe #1028350-1           | 2) BR3 (BR855) L Brackets |
| 4) 5/16" x 1" Bolts | 1) #6842 Muffler                        | 2) Tail Pipe Extensions   |
| 4) 5/16" Nuts       | 4) THU900 360 Swinger Hangers (BR91930) |                           |

### **DANGER WARNING:**

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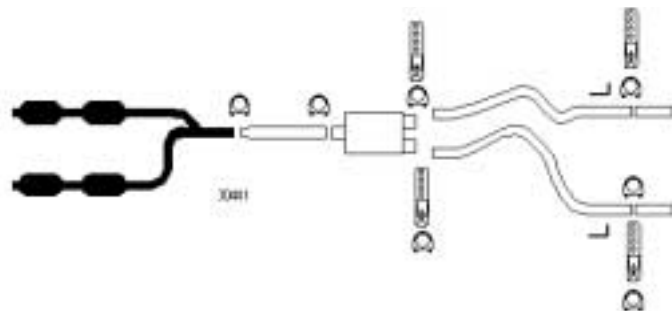
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- 1.** Remove the spare tire from under the truck. Because of clearance problems, you will not be able to run this system with the spare tire in its original position. Therefore, it must be pulled permanently!
- 2.** Remove the exhaust system leaving only the original Y-pipe and catalytic converter on the truck.

NOTE: The extension pipe will fit the longer wheel base trucks without cutting. On all other vehicles the extension pipe will need to be cut from the 3" O.D. end (the end that is not shrunk) as necessary.

- 3.** Slip the front pipe into place. With the tail pipes in the rear of the muffler, hold up the muffler and tail pipes in a position that clears all chassis components. Mark the front pipe. Make sure to account for at least 2" of the pipe to go into the muffler. Cut the front pipe.
- 4.** Use a 2-1/2" clamp to attach the extension pipe to the catalytic converter pipe.
- 5.** Use a 3" clamp to attach the turbo muffler (#6842 or equivalent) to the extension pipe.
- 6.** Slip the right and left over-the-axle pipes into muffler.
- 7.** With the muffler and over-the-axle pipes in place mount the L brackets (BR3) to the frame using the lag screws directly above the outlets of the muffler. Then install the two THU900 hangers to the L brackets and clamp the end of the hangers to the outlets of the muffler. NOTE: It may be necessary to drill 5/16" holes in the frame if there are no holes present. Use 5/16" x 1" bolts, nuts, lock washers, and fender washers to connect the hangers to the frame.
- 8.** Mount the muffler and tail pipes to the hangers using the 3" clamps (one for each outlet of the muffler).
- 9.** Install the 28" long 3" I.D./O.D. tail pipe extensions to the over-the-axle pipes.
- 10.** Locate mounting holes in the frame near the end of the over-the-axle sections of the tail pipes. If no mounting holes are present, drill a 5/16" hole in the frame for each tail pipe. Install the remaining THU900 hangers using the fender washers, nuts, bolts and lock washers. Clamp the hangers to the rear tail pipe extensions, connecting the two pipes and the hangers.
- 11.** Trim tail pipes to your desired lengths.
- 12.** Tighten all clamps and check for clearance of brake lines.



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## **Installation Instructions for 555-30485 Cat Back 2-1/2" Exhaust System w/Turbo Muffler**

**Application: 1994-2001 Dodge Fullsize 1/2 & 3/4-Ton P.U. All Wheelbases, 2WD & 4WD, 3.9, 5.2 & 5.9L**

NOTE: For vehicles only with 2-1/2" exhaust at the converter.

The left tail pipe has 6 bends—the inlet is the long end

The right tail pipe has 5 bends—the inlet is the short end

The muffler outlets should both be parallel to the ground and run side by side

### **Kit Includes:**

- |                       |                                       |
|-----------------------|---------------------------------------|
| 1) 2.50" Clamp        | 1) Front Extension Pipe #1025500-3    |
| 5) 3" Clamp           | 1) Left Tail Pipe #1028350-2          |
| 4) 5/16" Lock Washers | 1) Right Tail Pipe #1028350-1         |
| 4) 5/16" x 1" Bolts   | 1) #6842 Muffler                      |
| 4) 5/16" Nuts         | 2) Tail Pipe Extensions               |
| 4) Fender Washers     | 4) THU900 360 Swinger Hangers-BR91930 |

### **DANGER WARNING:**

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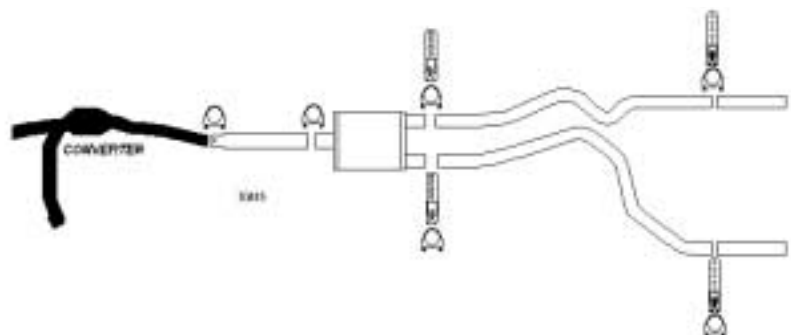
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- 1.** Remove the spare tire from under the truck. Because of clearance problems, you will not be able to run this system with the spare tire in its original position. Therefore, it must be pulled permanently!
- 2.** Remove the exhaust system leaving only the original Y-pipe and catalytic converter on the truck.

NOTE: The extension pipe will fit the longer wheel base trucks without cutting. On all other vehicles the extension pipe will need to be cut from the 3" O.D. end (the end that is not shrunk) as necessary.

- 3.** Slip the front pipe into place. With the tail pipes in the rear of the muffler, hold up the muffler and tail pipes in a position that clears all chassis components. Mark the front pipe. Make sure to account for at least 2" of the pipe to go into the muffler. Cut the front pipe.
- 4.** Use a 2-1/2" clamp to attach the extension pipe to the catalytic converter.
- 5.** Use a 3" clamp to attach the turbo muffler (#6842 or equivalent) to the extension pipe.
- 6.** Slip the right and left over-the-axle pipes into muffler.
- 7.** With the muffler and over-the-axle pipes in place, install the two THU900 hangers above the outlets of the muffler to the frame. NOTE: It may be necessary to drill 5/16" holes in the frame if there are no holes present. Use 5/16" x 1" bolts, nuts, lock washers, and fender washers to connect the hangers to the frame.
- 8.** Mount the muffler and tail pipes to the hangers using the 3" clamps (one for each outlet of the muffler).
- 9.** Install the 28" long 3" I.D./O.D. tail pipe extensions to the over-the-axle pipes.
- 10.** Locate mounting holes in the frame near the end of the over-the-axle sections of the tail pipes. If no mounting holes are present, drill a 5/16" hole in the frame for each tail pipe. Install the remaining THU900 hangers using the fender washers, nuts, bolts and lock washers. Clamp the hangers to the rear tail pipe extensions, connecting the two pipes and the hangers.
- 11.** Trim tail pipes to your desired lengths.
- 12.** Tighten all clamps, nuts and bolts, and check for clearance of brake lines and chassis components.



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## **Installation Instructions for 555-30486 Cat Back 2-1/2" Exhaust System w/Turbo Muffler**

**Application: 2002-2004 Dodge Fullsize 1/2-Ton P.U. All Wheelbases, 2WD & 4WD, 3.7L, 4.7L, & 2002 5.9L Gasoline Only**

NOTE: For vehicles only with 2-1/2" exhaust at the converter.

The left tail pipe has 6 bends—the inlet is the long end

The right tail pipe has 5 bends—the inlet is the short end

The muffler outlets should both be parallel to the ground and run side by side

### **Kit Includes:**

- |                            |                         |                                |
|----------------------------|-------------------------|--------------------------------|
| 1) 2-1/2" Clamp            | 1) Front Extension Pipe | 2) #33219 3/8" Fender Washers  |
| 4 3" Clamps                | 1) Left Tail Pipe       | 2) 360 Swinger Hanger #BR91930 |
| 2) 3/8" Lock Washers       | 1) Right Tail Pipe      | 1) Front 3" Hanger Clamp #2910 |
| 2) 3/8" x 3-1/2" Bolts     | 1) #6842 Muffler        | 1) Left 3" Hanger Clamp #2909  |
| 2) 3/8" Nuts               | 2) Tail Pipe Extensions | 1) Right 3" Hanger Clamp #2908 |
| 2) #33012 _" Large Washers |                         |                                |

### **DANGER WARNING:**

Should the purchaser decide to install this exhaust product at home, be warned that pleasure car or light duty truck/van "bumper" jacks are intended for emergency use only. The use of frame contact jack stands in conjunction with a floor jack as main support is highly recommended to minimize accidental dropping of a vehicle while the installation proceeds. We recommend the use of a shop hoist if possible. Please use caution!

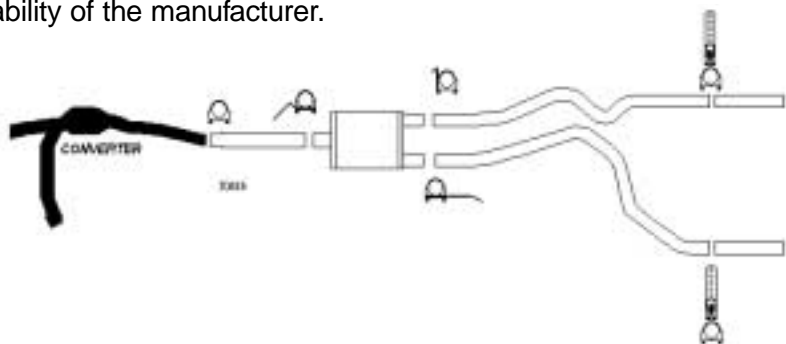
**Limitation of Liability—Disclaimers:** The regulation of emissions production, noise levels and safety standards is undertaken by the federal government, each of the fifty state legislatures, and by many local municipalities, towns and counties.

The manufacturer makes no warranties of merchantability, of fitness for a particular purpose, or that its products are approved for general use, or that its products comply with laws, regulations or ordinances in the states where they may be sold to the ultimate purchaser, the consumer.

The entire risk as to the conformity of this product in any such state and as to repair, should the product prove to be defective or non-conforming, is on the retail purchaser, the buyer, the ultimate consumer of such product and it is not upon the seller, distributor, or manufacturer.

In this connection, retail purchaser, the buyer, the ultimate consumer assumes the burden of the entire cost of any and all necessary service, alterations, and or repair.

The foregoing statement limits the liability of the manufacturer.



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**NOTE: Do not tighten any clamps or nuts and bolts until the last step! Before cutting any pipes it is a good idea to lay out all the included pipes along side the vehicle and get a good idea of how the pipes will hang on the vehicle. Please read the instructions fully and thoroughly before you begin.**

- 1.** Remove the spare tire from under the truck. Because of clearance problems, you will not be able to run this system with the spare tire in its original position. Therefore, it must be pulled permanently!
- 2.** Remove the exhaust system at the clamp behind the converter leaving only the original Y-pipe and catalytic converter on the truck.
- 3.** The 52" extension pipe will fit the 160.5" wheel base trucks (quad cab long box) without cutting. On the quad cab short box and regular cab long box (140.5" wheelbase) the extension pipe will need to be cut from the 3" O.D. end (the end that is not shrunk). Cut to 33" on these vehicles, and for regular cab short box (120.5" wheelbase) cut to 13".
- 4.** Use a 2-1/2" clamp to attach the extension pipe to the catalytic converter.
- 5.** Install the muffler to the extension pipe using the front 3" hanger clamp to attach the turbo muffler (#6842 or equivalent) to the extension pipe. Install the wire portion of the front 3" hanger clamp to the O.E. rubber mount along side the exhaust system.
- 6.** Install the right tail pipe to the muffler. Use the right 3" hanger clamp to connect the muffler and the right tail pipe. Install the wire portion of the right 3" hanger clamp to the O.E. rubber mount above the exhaust system.
- 7.** Install the left tail pipe to the muffler. It is routed between the shock and where the spare tire would be. Use the left 3" hanger clamp to connect the muffler and the left tail pipe. Install the wire portion of the left 3" hanger clamp to the O.E. rubber mount above the exhaust system.
- 8.** Install the 3" I.D./O.D. tail pipe extensions to the tail pipes.
- 9.** Locate mounting holes in the frame near the end of the over-the-axle sections of the tail pipes. There are two, large, 1"-wide holes that will suffice. If no mounting holes are present, drill a 3/8" hole in the frame for each tail pipe. Install the BR91930 hangers using the large washers and fender washers (install the smaller fender washer to the bolt first, then the larger washer), nuts, bolts and lock washers. Clamp the hangers to the tail pipes where they connect to the tail pipe extensions, connecting the two pipes and the hangers using 3" clamps. You may need to bend the hangers at 90-degree angles for proper fit.
- 10.** Trim tail pipes to your desired lengths.
- 11.** Tighten all clamps, nuts and bolts, and check for clearance of brake lines and chassis components.



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# **Installation Instructions for 555-30487 Cat Back 3" Exhaust System w/Turbo Muffler**

**Application: 2003 Dodge Fullsize 1/2-Ton P.U. All Wheelbases, 2WD & 4WD, 5.7L Hemi Only**

NOTE: For vehicles only with 3" exhaust at the converter.

The left tail pipe has 6 bends—the inlet is the long end

The right tail pipe has 4 bends—the inlet is the short end

The muffler outlets should both be parallel to the ground and run side by side

## **Kit Includes:**

- |                              |                         |                                |
|------------------------------|-------------------------|--------------------------------|
| 5) 3" Clamps                 | 1) Left Tail Pipe       | 2) #33219 3/8" Fender Washers  |
| 2) 3/8" Lock Washers         | 1) Right Tail Pipe      | 2) 360 Swinger Hangers BR91930 |
| 2) 3/8" x 3-1/2" Bolts       | 1) #6842 Muffler        | 1) Left 3" Hanger Clamp #2909  |
| 2) 3/8" Nuts                 | 2) Tail Pipe Extensions | 1) Right 3" Hanger Clamp #2908 |
| 2) #33012 1/2" Large Washers | 1) Front Extension Pipe |                                |

## **DANGER WARNING:**

Should the purchaser decide to install this exhaust product at home, be warned that pleasure car or light duty truck/van "bumper" jacks are intended for emergency use only. The use of frame contact jack stands in conjunction with a floor jack as main support is highly recommended to minimize accidental dropping of a vehicle while the installation proceeds. We recommend the use of a shop hoist if possible. Please use caution!

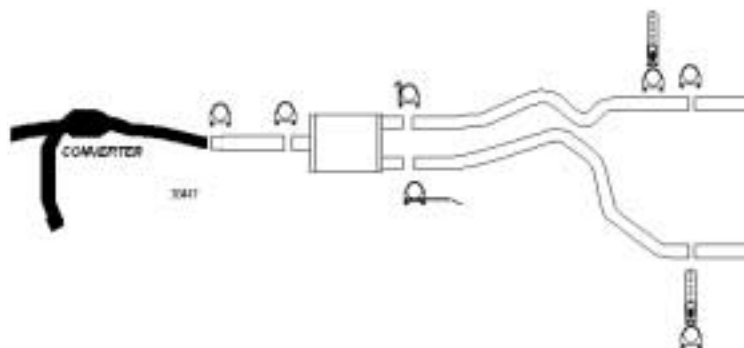
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The manufacturer makes no warranties of merchantability, of fitness for a particular purpose, or that its products are approved for general use, or that its products comply with laws, regulations or ordinances in the states where they may be sold to the ultimate purchaser, the consumer.

The entire risk as to the conformity of this product in any such state and as to repair, should the product prove to be defective or non-conforming, is on the retail purchaser, the buyer, the ultimate consumer of such product and it is not upon the seller, distributor, or manufacturer.

In this connection, retail purchaser, the buyer, the ultimate consumer assumes the burden of the entire cost of any and all necessary service, alterations, and or repair.

The foregoing statement limits the liability of the manufacturer.



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**NOTE: Do not tighten any clamps or nuts and bolts until the last step! Before cutting any pipes it is a good idea to lay out all the included pipes along side the vehicle and get a good idea of how the pipes will hang on the vehicle. Please read the instructions fully and thoroughly before you begin.**

- 1.** Remove the spare tire from under the truck. Because of clearance problems, you will not be able to run this system with the spare tire in its original position. Therefore, it must be pulled permanently!
- 2.** Remove the exhaust system at the clamp in front of the muffler, leaving only the original Y-pipe and catalytic converter on the truck.
- 3.** Install the front extension pipe to the catalytic converter pipe using a 3" clamp. The 9" extension pipe will fit all wheelbase trucks without cutting.
- 4.** Install the muffler to the extension pipe using a 3" clamp to attach the turbo muffler (#6842 or equivalent) to the extension pipe.
- 5.** Install the right tail pipe to the muffler. Use the right 3" hanger clamp to connect the muffler and the right tail pipe. Install the wire portion of the right 3" hanger clamp to the O.E. rubber mount above the exhaust system.
- 6.** Install the left tail pipe to the muffler. It is routed between the shock and where the spare tire would be. Use the left 3" hanger clamp to connect the muffler and the left tail pipe. Install the wire portion of the left 3" hanger clamp to the O.E. rubber mount above the exhaust system.
- 7.** Install the 3" I.D./O.D. tail pipe extensions to the tail pipes.
- 8.** Locate mounting holes in the frame near the end of the over-the-axle sections of the tail pipes. There are two, large, 1"-wide holes that will suffice. If no mounting holes are present, drill a 3/8" hole in the frame for each tail pipe. Install the BR1930 hangers using the large washers and fender washers (install the smaller fender washer to the bolt first, then the larger washer), nuts, bolts and lock washers. Clamp the hangers to the tail pipes where they connect to the tail pipe extensions, connecting the two pipes and the hangers using 3" clamps. You may need to bend the hangers at 90-degree angles for proper fit.
- 9.** Trim tail pipes to your desired lengths.
- 10.** Tighten all clamps, nuts and bolts, and check for clearance of brake lines and chassis components.



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# **Installation Instructions for 555-30488 Cat Back 3" Exhaust System w/Turbo Muffler**

**Application: 2004 Ford Fullsize Pickups, All Wheelbases, 2WD & 4WD w/ 5.4L.**

## **Kit Includes:**

- |                                  |                                               |
|----------------------------------|-----------------------------------------------|
| 1) 2-1/2" Clamp                  | 1) Front Extension Pipe #1024560-1            |
| 7) 3" Clamps                     | 1) Left Tail Pipe #1024560-2                  |
| 1) (360 Swinger) Hanger #BR91930 | 1) Right Tail Pipe #1024560-3                 |
| 1) 5/16" X 1" Bolt               | 1) #6842 Muffler                              |
| 1) 5/16" Nut                     | 2) Tail Pipe Extensions #1025500-5            |
| 1) 5/16" Lock Washer             | 1) Middle Extension Pipe 27" ID/OD #1024560-4 |
| 1) Fender Washer                 | 1) Front Hanger Clamp -#2861                  |
| 1) Middle Hanger Clamp -#2858    | 1) Rear Hanger Clamp -#2856                   |

## **DANGER WARNING:**

Should the purchaser decide to install this exhaust product at home, be warned that pleasure car or light duty truck/van "bumper" jacks are intended for emergency use only. The use of frame contact jack stands in conjunction with a floor jack as main support is highly recommended to minimize accidental dropping of a vehicle while the installation proceeds. We recommend the use of a shop hoist if possible. Please use caution!

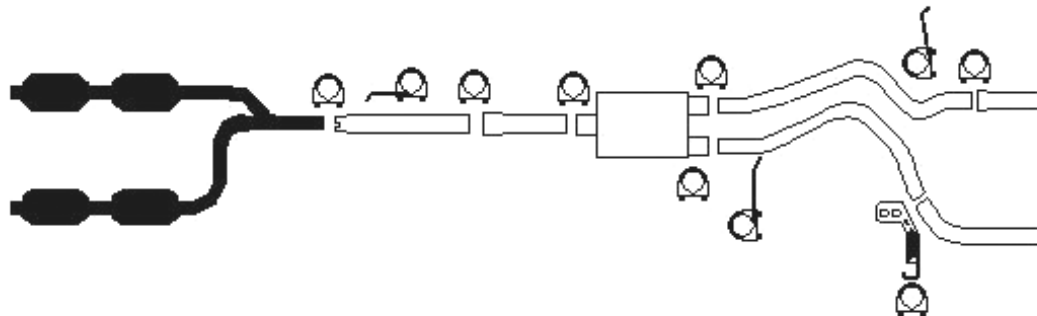
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The foregoing statement limits the liability of the manufacturer.



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**NOTE: Do not tighten any clamps or nuts and bolts until the last step! Before cutting any pipes it is a good idea to lay out all the included pipes along side the vehicle and get a good idea of how the pipes will hang on the vehicle. Please read the instructions fully and thoroughly before you begin.**

- 1) REMOVE THE SPARE TIRE FROM UNDER THE TRUCK. BECAUSE OF CLEARANCE PROBLEMS, YOU WILL NOT BE ABLE TO RUN THIS SYSTEM WITH THE SPARE TIRE IN ITS ORIGINAL POSITION. THEREFORE, IT MUST BE PULLED PERMANENTLY!!!**
- 2) Remove exhaust system leaving only the original Y pipe, catalytic converters, and O.E. rubber hanger mounts on the truck.**
- 3) NOTE:** The extension pipes will fit the longer 163" wheel base trucks without cutting. On all other vehicles the extension pipes will need to be cut from the 3" O.D. end (the end that is not shrunk or expanded) as necessary.

REG. CAB 6-1/2' BOX	= 126"	FRONT EXT. ONLY, TRIM TO 24.5" OAL
REG. CAB 8' BOX	= 144.5"	BOTH EXT., CUT OFF 18.5" FROM MID EXT., 8.5" OAL
SUPER CAB 5' BOX	= 132.5"	FRONT EXT. ONLY, TRIM TO 31" OAL
SUPER CAB 6-1/2' BOX	= 144.5"	BOTH EXT., CUT OFF 18.5" FROM MID EXT., 8.5" OAL
SUPER CAB 8' BOX	= 163"	USE BOTH EXTENSIONS, NO CUTTING
SUPER CREW 5-1/2' BOX	= 138.5"	USE FULL LENGTH 3" FRONT EXTENSION ONLY

- 4) Use a 2-1/2" clamp to attach the cut to length (see step 3) 3" front extension pipe to the catalytic converter pipe. If necessary, attach the cut to length (see step 3) 3" middle extension pipe to the 3" front extension pipe using a 3" clamp.**
- 5) Use a 3" clamp to attach the muffler (#6842 or equivalent) to the extension pipe. Install the front hanger clamp to an extension pipe where the O.E. rubber hanger mount is along side of it. Attach the wire portion of the hanger to the mount.**
- 6) Install the left tail pipe to the muffler using a 3" clamp, it has 5 bends.**
- 7) Install the middle hanger clamp to the left tail pipe just after the first bend in the pipe. Install the wire portion of the hanger to the O.E. rubber hanger mount above. Before the last bend in the pipe, there is a hole in the frame. You will need to install a BR91930 hanger (it should be bent to mount perpendicular to the frame) at this hole, using the included hardware. Use a 3" clamp to connect the hanger and the left tail pipe.**
- 8) Install a 25" long 3" I.D./O.D tail pipe extension to the left tail pipe using a 3" clamp.**
- 9) Install the right tail pipe to the muffler using a 3" clamp, it has 5 bends.**
- 10) Install the rear hanger clamp to the right tail pipe at the rear O.E. rubber hanger mount. Connect the wire portion to the mount.**
- 11) Install a 25" long I.D./O.D. tail pipe extension to the right tail pipe using a 3" clamp.**
- 12) Tighten all clamps, nuts and bolts. Check for clearance of brake and fuel lines. Inspect frame and chassis components.**



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