

## **INSTRUCTIONS FOR KIT #2004665 DUAL KIT**

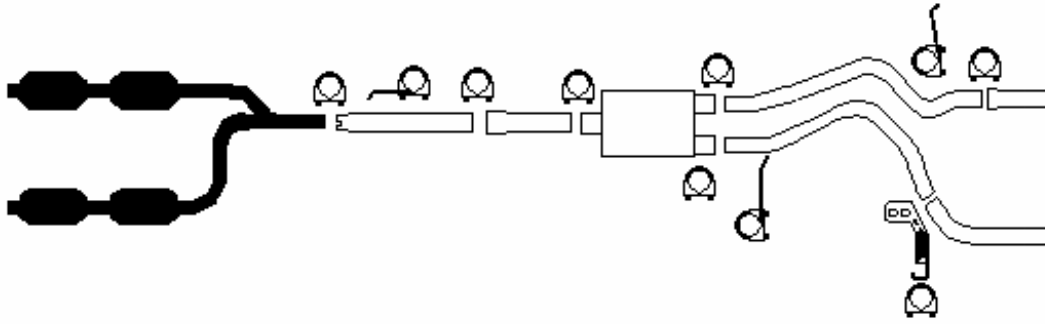
FITS 2004-2007 FULL-SIZE FORD ½ TON 2WD & 4WD PICKUPS W/4.6L, 5.4L V-8 WITH 2-1/2" EXHAUST AT CONVERTER. THIS KIT FITS ALL WHEEL BASE MODELS. DOES NOT FIT DIESEL, V-10, LIGHTNING OR SUPER DUTY.

**NOTE: DO NOT TIGHTEN ANY CLAMPS OR BOLTS UNTIL THE LAST STEP!**

- 1) REMOVE THE EXHAUST SYSTEM AT THE CLAMP BEHIND THE CONVERTERS LEAVING ONLY THE ORIGINAL Y PIPE, RUBBER MOUNTS, AND CATALYTIC CONVERTERS ON THE TRUCK.
- 2) **NOTE:** BOTH OF THE EXTENSION PIPES WILL FIT THE LONG WHEEL BASE TRUCKS (163" W.B., SUPER CAB 8' BOX) WITHOUT CUTTING. FOR 144.5" W.B. (SUPER CAB 6-1/2' BOX, AND REGULAR CAB 8' BOX), YOU WILL NEED BOTH EXTENSION PIPES, BUT TRIM THE 3" MIDDLE (ID/OD 3" X 27" LONG STRAIGHT PIECE) EXTENSION PIPE TO A TOTAL LENGTH OF 8.5" LONG, CUT FROM THE OD END (NON EXPANDED END). FOR 138.5" W.B. (SUPER CREW 5-1/2' BOX), USE ONLY THE 3" FRONT (2-1/2" ID/3" OD X 40" LONG) EXTENSION PIPE, NO CUTTING NECESSARY. FOR 132.5" W.B. (SUPER CAB 5-1/2' BOX), USE ONLY THE 3" FRONT EXTENSION PIPE TRIMMED TO A TOTAL LENGTH OF 34", TRIM FROM THE 3" OD END. FOR 126" W.B. (REGULAR CAB 6-1/2' BOX), USE ONLY THE 3" FRONT EXTENSION PIPE TRIMMED TO A TOTAL LENGTH OF 27.5", TRIM FROM THE 3" OD END.
- 3) USE THE 2-1/2" CLAMP TO ATTACH THE 3" FRONT EXTENSION PIPE TO THE CONVERTER PIPE, THOSE WITH 126" AND 132.5" W.B., TRIM THE 3" FRONT EXTENSION PIPE TO LENGTH AS DESCRIBED IN STEP 2).
- 4) THOSE WITH 144.5" AND 163" W.B., ATTACH A PRE-CUT 3" MIDDLE EXTENSION PIPE TO THE 3" FRONT EXTENSION PIPE USING A 3" CLAMP. USE THE 3" HANGER CLAMP ON THE 3" FRONT EXTENSION PIPE TO CONNECT THE 3" FRONT EXTENSION PIPE TO THE O.E. RUBBER HANGER MOUNT ALONG SIDE THE SYSTEM.
- 5) USE A 3" MUFFLER CLAMP TO ATTACH THE INLET OF THE MUFFLER AND THE EXTENSION PIPE TOGETHER.
- 6) INSTALL THE LEFT FRONT TAIL PIPE (4 BENDS) USING A 2-1/4" CLAMP TO THE LEFT OUTLET OF THE MUFFLER.
- 7) INSTALL THE LEFT REAR TAIL PIPE (1 BEND) TO THE LEFT FRONT TAIL PIPE USING A 2-1/4" CLAMP.
- 8) INSTALL THE 2-1/4" FRONT HANGER CLAMP TO THE LEFT FRONT TAIL PIPE JUST BEFORE THE FIRST BEND, AND CONNECT THE WIRE PORTION OF THE HANGER TO THE O.E. RUBBER HANGER MOUNT ABOVE.
- 9) LOCATE OR DRILL A HOLE IN THE FRAME NEAR WHERE THE LEFT FRONT AND REAR TAIL PIPES CONNECT. USING THE 5/16 X 1" BOLT, NUT, LOCK AND FENDER WASHER, INSTALL A BR91930 HANGER TO THE FRAME AND ATTACH TO THE LEFT TAIL PIPE USING A 2-1/4" CLAMP. YOU WILL NEED TO PUT A BEND IN THE HANGER TO MOUNT IT TO THE BOTTOM OF THE FRAME.
- 10) INSTALL THE RIGHT FRONT TAIL PIPE USING A 2-1/4" CLAMP TO THE RIGHT OUTLET OF THE MUFFLER. INSTALL THE RIGHT REAR TAIL PIPE TO THE RIGHT FRONT TAIL PIPE USING A 2-1/4" CLAMP.
- 11) INSTALL THE 2-1/4" REAR HANGER CLAMP TO THE RIGHT FRONT TAIL PIPE JUST AFTER THE AXLE, AND BELOW THE O.E. RUBBER HANGER MOUNT, CONNECT THE WIRE PORTION OF THE HANGER TO THE MOUNT.
- 12) INSTALL THE RIGHT REAR TAIL PIPE TO THE RIGHT FRONT TAIL PIPE USING A 2-1/4" CLAMP.
- 13) TIGHTEN ALL CLAMPS AND BOLTS AND CHECK FOR CLEARANCE OF THE FRAME, BODY, CHASSIS COMPONENTS, AND BRAKE AND FUEL LINES.

### **HARDWARE KIT FOR KIT #2004665 #:**

- |  |                                     |
|--|-------------------------------------|
| 1) 3" FRONT EXTENSION PIPE #2004660-1  | 1) 2-1/2" CLAMP                     |
| 1) LEFT FRONT TAIL PIPE #2004661-1     | 2) 3" CLAMPS                        |
| 1) RIGHT FRONT TAIL PIPE #2004662-1    | 4) 2-1/4" CLAMPS                    |
| 1) LEFT REAR TAIL PIPE #2004661-2      | 1) 360 SWINGER HANGER--BR91930      |
| 1) MUFFLER #58441                      | 1) 5/16" X 1" BOLT                  |
| 1) RIGHT REAR TAIL PIPE #2004662-2     | 1) 5/16" NUT                        |
| 1) 3" MIDDLE EXTENSION PIPE #2004660-2 | 1) FENDER WASHER                    |
|  | 1) 5/16" LOCK WASHER                |
|  | 1) 3" HANGER CLAMP # 2861           |
|  | 1) 2-1/4" FRONT HANGER CLAMP # 2860 |
|  | 1) 2-1/4" REAR HANGER CLAMP # 2862  |



## 2-1/4" Cat-Back Dual Exhaust Kit 2004665

The duration of this warranty is limited to claims made in writing to Summit Racing Equipment within one year after the Purchase Date. The Buyer should call the telephone number below to report a possible warranty claim. The Buyer must also allow Summit Racing Equipment to inspect the product, and the Buyer must reasonably cooperate with Summit Racing Equipment with respect to verifying the warranty claim of the Buyer. In the event that a warranted defect is discovered, Summit Racing Equipment will repair or replace the product, or return the purchase price to the Buyer, at the option of Summit Racing Equipment.

All shipping costs are paid by the Buyer. Merchandise returned to Summit Racing Equipment without prior authorization will not be accepted.

This warranty extends only to the Buyer and is not transferable.

Implied warranties applicable to this transaction extend only to one year. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

Summit Racing Equipment shall not be responsible for any incidental or consequential damages of the Buyer. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

This warranty gives you very specific legal rights, and you may also have other rights which vary from state to state.

**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, THE 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.

**DANGER WARNING:** SHOULD THE PURCHASER DECIDE TO INSTALL THIS, OR ANY OTHER 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.



Heartthrob exhaust systems are manufactured by Heartthrob Exhaust--Litchfield, MN

Email us at [mike@heartthrobexhaust.com](mailto:mike@heartthrobexhaust.com) with any questions. [www.heartthrobexhaust.com](http://www.heartthrobexhaust.com)

320-693-0222

**BUILD SHEET FOR: 2-1/4" CAT-BACK DUAL KIT**

**PART #'S: 2004665**

- \_\_\_\_\_ 1) 3" X 40" FRONT EXTENSION PIPE #2004660-1
- \_\_\_\_\_ 1) LEFT FRONT TAIL PIPE #2004661-1
- \_\_\_\_\_ 1) RIGHT FRONT TAIL PIPE # 2004662-1
- \_\_\_\_\_ 1) LEFT REAR TAIL PIPE #2004661-2
- \_\_\_\_\_ 1) MUFFLER #58441
- \_\_\_\_\_ 1) RIGHT REAR TAIL PIPE #2004662-2
- \_\_\_\_\_ 1) HARDWARE KIT
- \_\_\_\_\_ 1) 3" X 27" MIDDLE EXTENSION PIPE #2004660-2

**INSPECTED BY: \_\_\_\_\_**

**DATE: \_\_\_\_\_**

**INSPECTED BY: \_\_\_\_\_**

**DATE: \_\_\_\_\_**

**BUILD SHEET FOR: 2-1/4" CAT-BACK DUAL KIT**

**PART #'S: 2004665**

- \_\_\_\_\_ 1) 3" X 40" FRONT EXTENSION PIPE #2004660-1
- \_\_\_\_\_ 1) LEFT FRONT TAIL PIPE #2004661-1
- \_\_\_\_\_ 1) RIGHT FRONT TAIL PIPE # 2004662-1
- \_\_\_\_\_ 1) LEFT REAR TAIL PIPE #2004661-2
- \_\_\_\_\_ 1) MUFFLER #58441
- \_\_\_\_\_ 1) RIGHT REAR TAIL PIPE #2004662-2
- \_\_\_\_\_ 1) HARDWARE KIT
- \_\_\_\_\_ 1) 3" X 27" MIDDLE EXTENSION PIPE #2004660-2

**INSPECTED BY: \_\_\_\_\_**

**DATE: \_\_\_\_\_**

**INSPECTED BY: \_\_\_\_\_**

**DATE: \_\_\_\_\_**