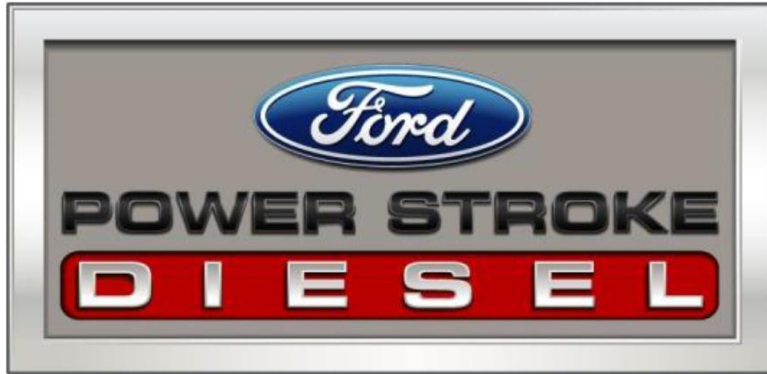


|  |  |
|--|--|
| General Service Bulletin (GSB):  | Diesel Remanufactured Component Identification   |
| GSB Overview:  | This bulletin helps with identification of remanufactured diesel engines and components. |
| NOTE: This information is not intended to replace or supersede any warranty, parts and service policy, Work Shop Manual (WSM) procedures, technical training, or wiring diagram information. |  |



## Diesel Remanufactured Component Identification

### Purpose:

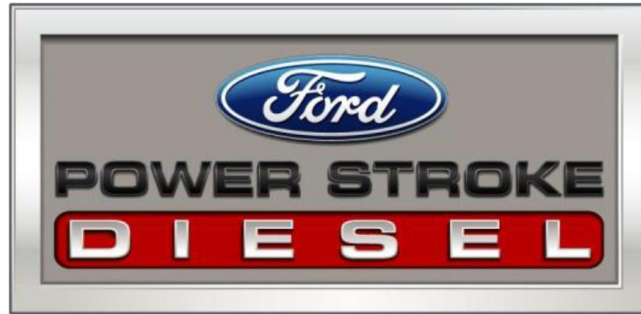
Many diesel service parts are now only available as remanufactured parts. However, during warranty parts reviews, some components from Service Part Warranty (SPW) claims for these remanufactured parts are found to be original equipment components (not remanufactured). It is the dealer's responsibility to verify the part meets Service Part Warranty (SPW) time/mileage criteria and matches the part from the customer paid repair or invoice. If the original repair order or invoice shows a part with a suffix ending in "RM", the part returned from the service part warranty claim must be identifiable as remanufactured.

For example, a remanufactured injector previously replaced in cylinder #6 must be the part being considered for SPW coverage and not one of the other original seven injectors. Parts personnel, likewise, must review over-the-counter parts being considered for SPW to ensure they are remanufactured.

The following pictures illustrate how to determine whether or not diesel parts are remanufactured. Dealer parts and service personnel should use this aid to ensure parts considered for SPW coverage are indeed remanufactured and not from the original engine.

**Incorrect returned parts are subject to claim chargeback.**

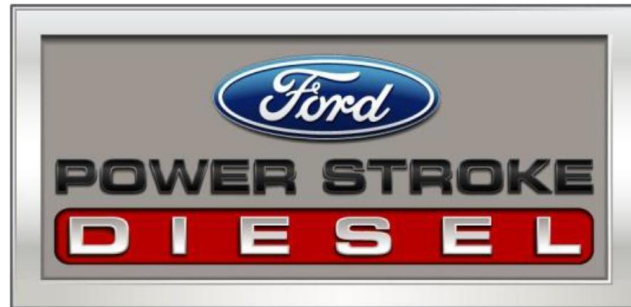
## Diesel Remanufactured Component Identification



### Table of Contents

|  |     |
|--|-----|
| 6.4L Power Stroke Diesel Fuel Injectors.....                           | 3   |
| 6.0L Power Stroke Diesel Fuel Injectors.....                           | 4   |
| 7.3L Power Stroke Diesel Fuel Injectors.....                           | 5   |
| 6.4L Power Stroke Diesel Turbochargers.....                            | 6-7 |
| 6.0L Power Stroke Diesel Turbochargers and CHRAs.....                  | 8   |
| 6.4L Power Stroke Diesel High Pressure Fuel Pumps.....                 | 9   |
| 6.0L & 4.5L Power Stroke Diesel High Pressure Oil Pumps (05-10MY)..... | 10  |
| 6.0L Power Stroke Diesel High Pressure Oil Pumps (03-04MY).....        | 11  |
| 7.3L Power Stroke Diesel High Pressure Oil Pumps.....                  | 12  |
| 6.0L & 6.4L Power Stroke Diesel Cylinder Heads.....                    | 13  |
| 6.0 & 6.4L Power Stroke Diesel Fuel Injection Control Modules (FICMs). | 14  |
| 6.0L Power Stroke Diesel EGR Valves.....                               | 15  |
| 6.4L/6.0L/4.5L Power Stroke Diesel Engines.....                        | 16  |
| 7.3L Power Stroke Diesel Engines.....                                  | 17  |

## Diesel Remanufactured Component Identification

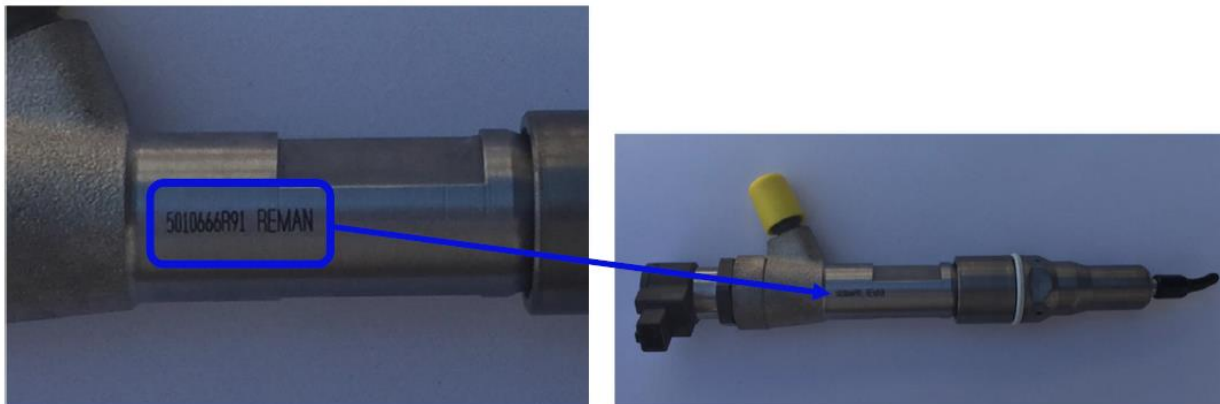


### 6.4L Power Stroke Diesel Fuel Injector

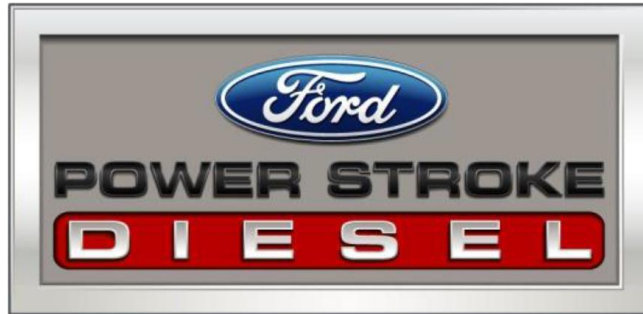
#### Part Number

8C3Z-9E527-DRM

Remanufactured 6.4L Power Stroke Diesel Fuel Injectors will have the supplier part number 5010666R91 followed by "REMAN" laser etched on the injector body.



## Diesel Remanufactured Component Identification



## 6.0L Power Stroke Diesel Fuel Injector

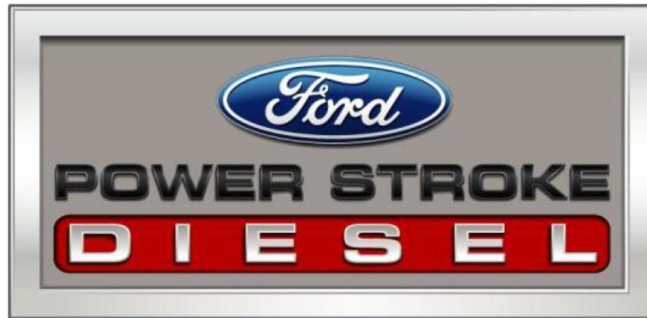
### Part Numbers

4C3Z-9E527-BRM 3C3Z-9E527-ECRM

Remanufactured 6.0L Power Stroke Diesel Fuel Injectors will have "REMAN" or "Rmn04" followed by the serial number laser etched on the injector body.



## Diesel Remanufactured Component Identification



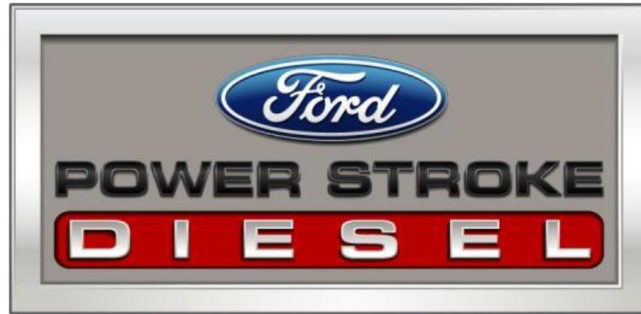
### 7.3L Power Stroke Diesel Fuel Injector

#### Part Numbers

5C3Z-9VE527-BRM F61Z-9VE527-BRM  
5C3Z-9VE527-ARM F61Z-9VE527-ERM  
F4TZ-9VE527-AARM



## Diesel Remanufactured Component Identification



### 6.4L Power Stroke Diesel Turbochargers

#### Part Numbers

8C3Z-6K682-AARM (LP) 8C3Z-6K682-BARM (HP)

Remanufactured 6.4L Power Stroke Diesel individual High Pressure and Low Pressure Turbochargers will have "P4" imprinted on the top line of the compressor cover.

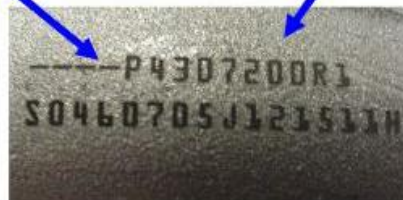
High Pressure



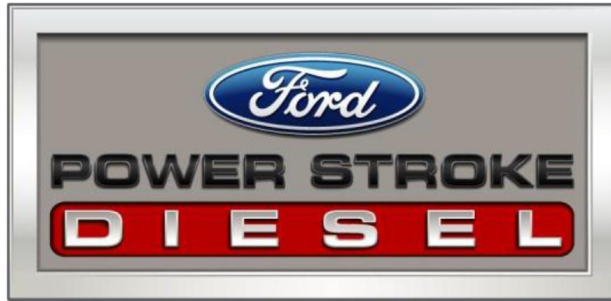
Low Pressure



"P" field in top line of marking is the BorgWarner part number.  
A "4" after the P designates a Reman assembly  
A "1" after the P designates a New assembly  
The field beginning with an "S" is BorgWarner's serialization of the turbo



## Diesel Remanufactured Component Identification



### 6.4L Power Stroke Diesel Turbochargers Continued

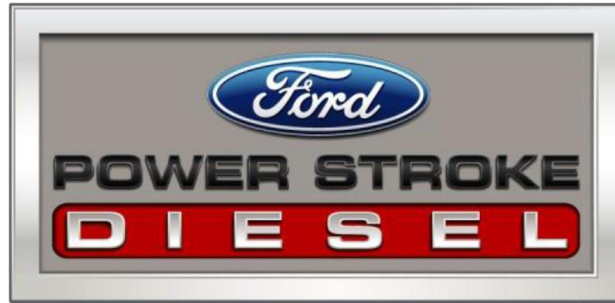
#### Part Numbers

8C3Z-6K682-CRM (Dual Stage)

Remanufactured 6.4L Power Stroke Diesel Dual Stage Turbochargers will have a remanufactured tag located on the back of the compressor housing. The tag contains the word "REMANUFACTURED" as well as the supplier part number and remanufactured serial number.



## Diesel Remanufactured Component Identification



### 6.0L Power Stroke Diesel Turbochargers and Center Housing Rotating Assembly (CHRA)

#### Part Numbers

##### Turbochargers

3C3Z-6K682-CCRM  
4C3Z-6K682-CDRM  
5C3Z-6K682-CCRM  
4C4Z-6K682-ARM

##### CHRAs

3C3Z-9G489-ABRM  
3C3Z-9G489-BBRM  
4C3Z-9G489-ACRM  
5C3Z-9G489-ACRM  
5C4Z-6K682-BRM

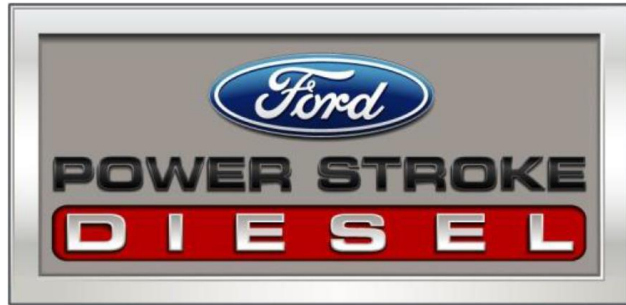


Both 6.0L Power Stroke Diesel Turbochargers and CHRA assemblies have a remanufactured tag located on the back of the compressor housing. The tag contains the word "REMANUFACTURED" as well as the supplier part number and remanufactured serial number.





## Diesel Remanufactured Component Identification



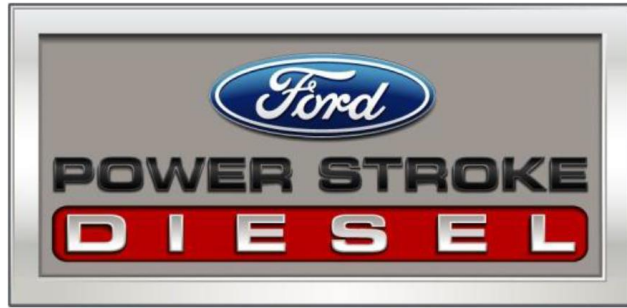
### 6.4L Power Stroke Diesel High Pressure Fuel Pump

Part Number

8C3Z-9A543-DRM



## Diesel Remanufactured Component Identification



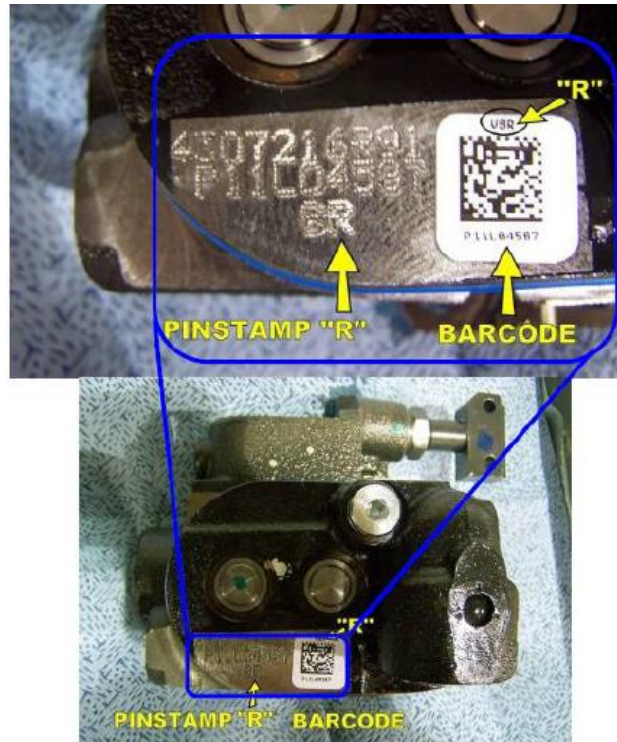
### 6.0L & 4.5L Power Stroke Diesel High Pressure Oil Pumps (05-10MY)

#### Part Numbers

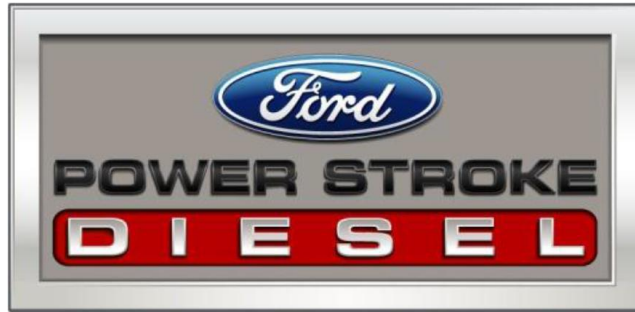
6E7Z-9A543-BRM    5C3Z-9A543-ARM  
8E7Z-9A543-CRM    5C4Z-9A543-ERM

RH Sheppard Remanufactured 4.5L & 6.0L Power Stroke Diesel High Pressure Oil Pumps will have several features to identify them as remanufactured:

1. White Bar Code Label: Either "V8R" or "V6R"
2. Pinstamp "R": Either "8R" or "6R"



## Diesel Remanufactured Component Identification

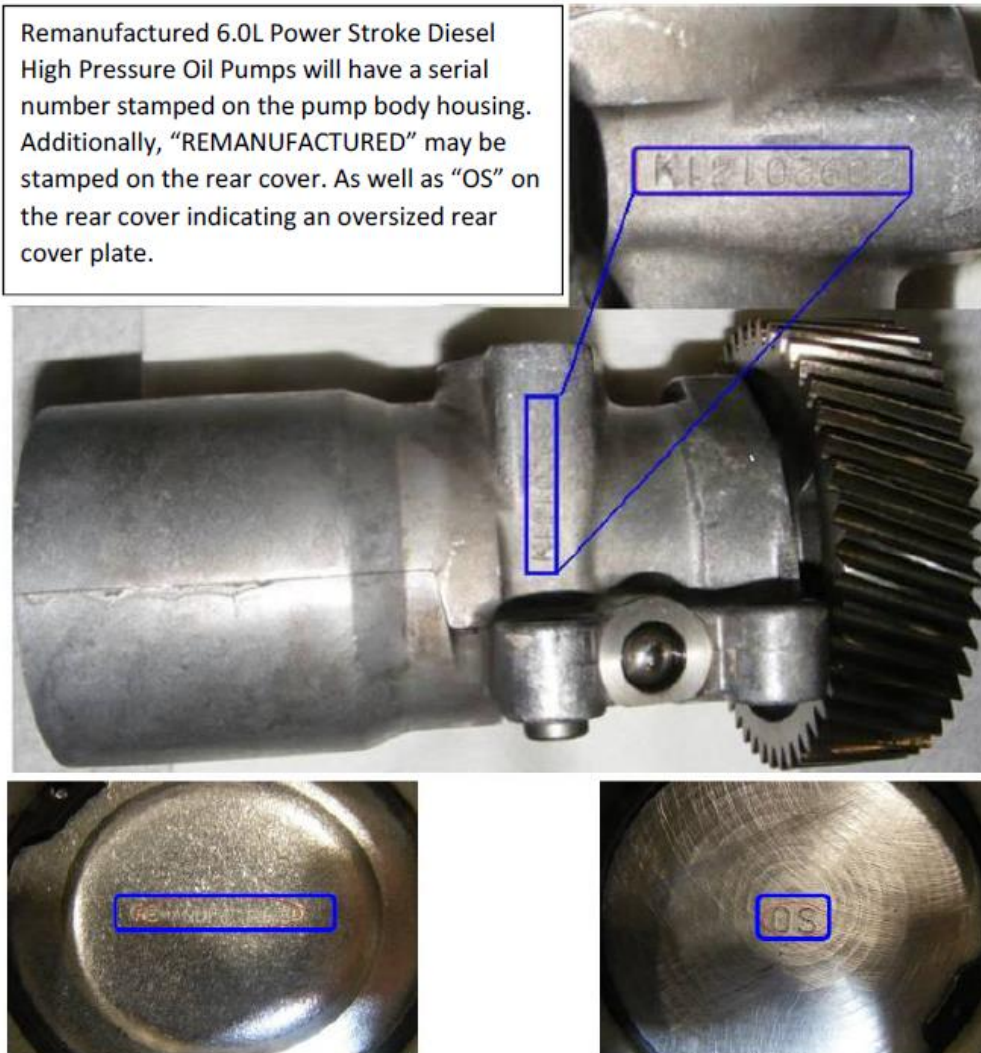


### 6.0L Power Stroke Diesel High Pressure Oil Pumps (03-04MY)

#### Part Numbers

3C3Z-9A543-AARM 4C3Z-9A543-AARM

Remanufactured 6.0L Power Stroke Diesel High Pressure Oil Pumps will have a serial number stamped on the pump body housing. Additionally, "REMANUFACTURED" may be stamped on the rear cover. As well as "OS" on the rear cover indicating an oversized rear cover plate.



## Diesel Remanufactured Component Identification



### 7.3L Power Stroke Diesel High Pressure Oil Pumps

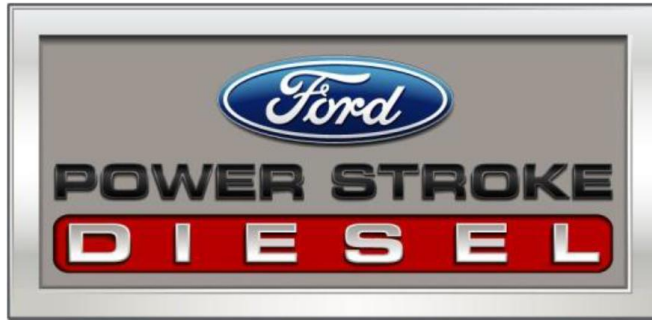
#### Part Numbers

F81Z-9A543-CRM    F6TZ-9VA543-ARM  
5C3Z-9VA543-BRM    F4TZ-9VA543-AARM

Remanufactured 7.3L Power Stroke Diesel High Pressure Oil Pumps will have a remanufactured tag located on the top side of the pump body. The tag contains the word "REMANUFACTURED" as well as the supplier part number, batch number, and QR code.



## Diesel Remanufactured Component Identification



### 6.0L & 6.4L Power Stroke Diesel Cylinder Heads

#### Part Numbers

**6.0L    6.4L**

3C3Z-6049-ARM    8C3Z-6049-ARM

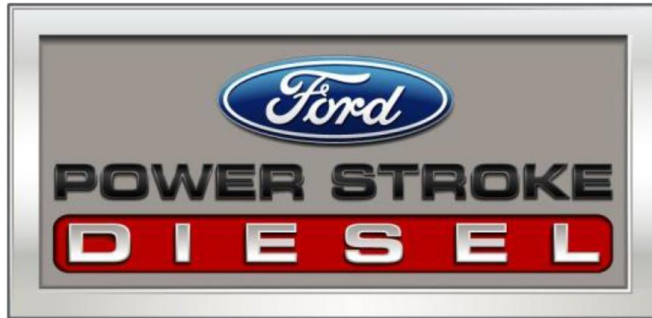
6C3Z-6049-DRM

Remanufactured 6.0L & 6.4L Power Stroke Diesel Cylinder Heads will be stamped with the batch number and date code at the rear of the casting.

\*Note - These stampings will be present on remanufactured service heads, as well as remanufactured engines.



## Diesel Remanufactured Component Identification



### 6.0L Power Stroke Diesel Fuel Injection Control Modules (FICMs)

#### Part Numbers

##### Complete

4C3Z-12B599-ABRM  
4C3Z-12B599-CRM  
4C3Z-12B599-DRM  
4C3Z-12B599-ERM

##### Half-Shell

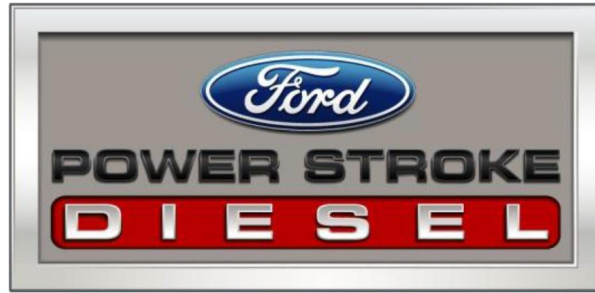
4C3Z-12B599-BARM

Remanufactured 6.0L Power Stroke Diesel complete FICMs (programmed and unprogrammed) contain a unit label on the front side of the case with the word "REMANUFACTURED" and component number "4307###R#"

Remanufactured 6.0L Power Stroke Diesel FICM Half-Shells contain a unit label on the back side of the case with the component number "1887###C#".



## Diesel Remanufactured Component Identification



### 6.0L Power Stroke Diesel Exhaust Gas Recirculation Valves (EGR)

#### Part Numbers

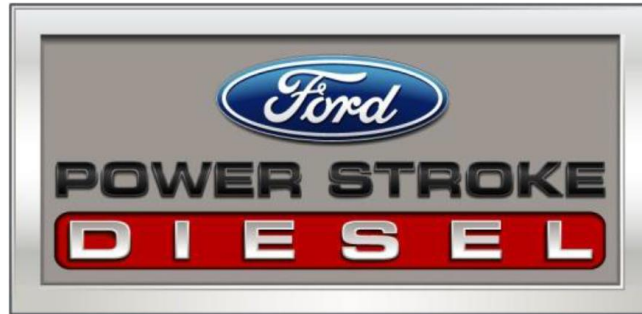
4C3Z-9F452-ARM

5C3Z-9F452-ARM

Remanufactured 6.0L Power Stroke Diesel EGR valves will have a remanufactured tag located on the side of the EGR can. The tag contains the Ford Production part number, batch number, and the words "REMANUFACTURED IN THE USA".



## Diesel Remanufactured Component Identification

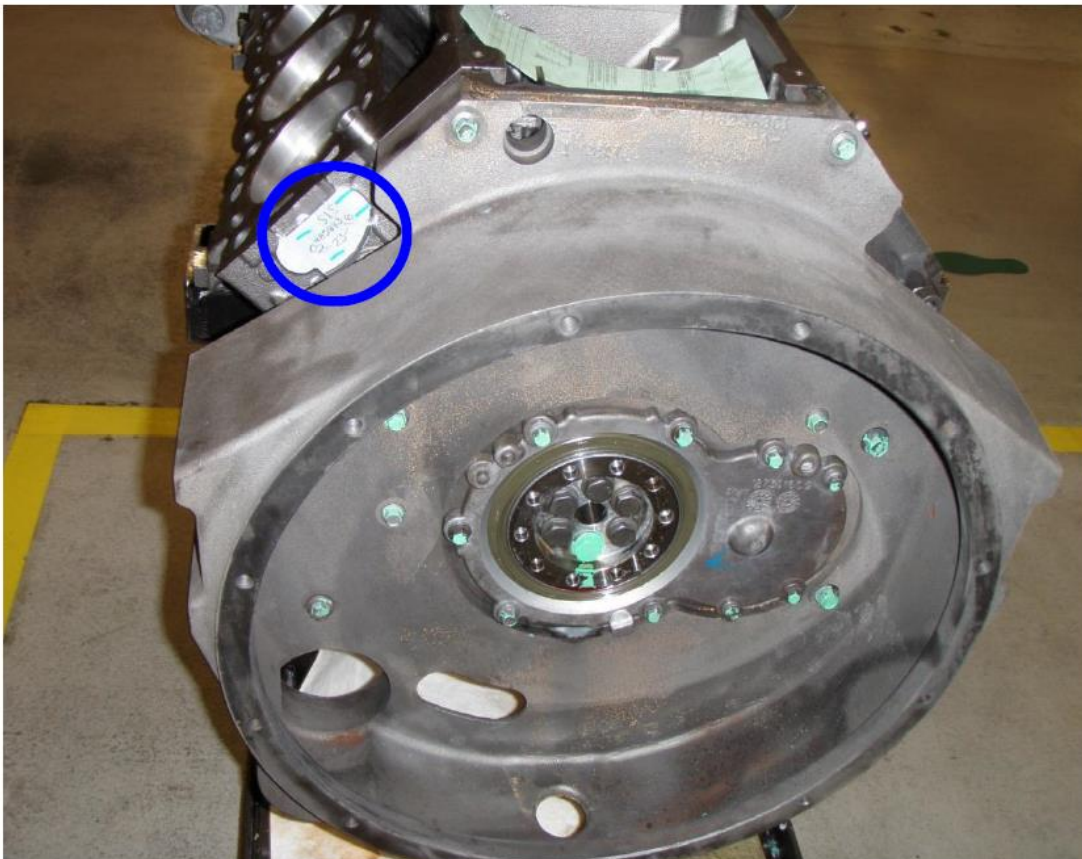


### 6.4L/6.0L/4.5L Power Stroke Diesel Engines

#### Base Numbers

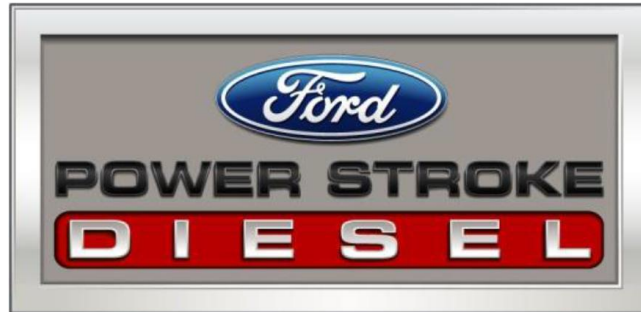
\*6007\* \*6006\* \*6012\* \*6009\*

Remanufactured 6.4L/6.0L/4.5L Power Stroke Diesel Engines of any trim level have the remanufactured engine serial number and build date stamped on the rear drive side of the crankcase.





## Diesel Remanufactured Component Identification



## 7.3L DIT Power Stroke Diesel Engines

### Base Numbers

\*6V007\* \*6V006\* \*6V012\* \*6V009\*

\*6007\* \*6006\* \*6012\* \*6009\*

Remanufactured 7.3L DIT Power Stroke Diesel Engines of any trim level have the remanufactured engine serial number and build date stamped on the drive side of the crankcase next to the oil cooler.

