# **Delphi** Technologies

### E3.5 Series Injector



#### **Premium Remanufactured Injectors**

Our customers will receive a premium Original Equipment remanufactured injector produced under the technical expertise of one of the largest Original Equipment diesel fuel injection manufacturers in the world. Delphi Technologies is extending the offering covering a range of remanufactured E3.5 series injectors.

Delphi replaces all critical components and high wear items on its remanufactured E series injectors with OE parts. Each injector is tested on a custom OE design production test machine where all units are over-checked for leaks, injection pressure, fuel delivery and timing.

**New nozzle, NOP spring & electrical connector** 

Built to the latest conical sealing design

100% O-ring replacement

Includes stainless steel sleeve, o-ring & hold down bolt

12 month, unlimited mileage warranty

| Delphi Reman<br>Part Number | OE Part Number                                                                                                                                                |        |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| EX631078                    | 21172430*, 21307001*, 21457952, 21599150, 22027807, 85003664, 85013143, 85013159, 85013718, 85013719, <b>85143381</b>                                         | HTK134 |
| EX631079                    | 21092434*, 21119665*, 21458369, 21599153, 22027808, 22717957, 85003658, 85013160, 85013611, 85013612, <b>85143382</b>                                         |        |
| EX631084<br>Coming soon     | 22015763, 22479123, 85013778, 85020031, 85020426, 85020427, <b>85144516</b>                                                                                   |        |
| EX631085                    | 22012829, 22479124, 85020032, 85020033, 85020428, 85020429, <b>85144518</b>                                                                                   |        |
| EX631086<br>Coming soon     | 22218106, 22479125, 22717952 , 85020090, 85020091, 85020430, 85020431, 85020844, 85020845, <b>85144520</b>                                                    |        |
| EX631087                    | 21172432*, 21306972*, 21457953, 21683459, 22027810, 22717954, 85003666, 85013099, 85013161, 85013613, 85013720, 85013721, 85020857, 85020858, <b>85148518</b> |        |

\*when replacing this flat seal type injector, all of the injectors on the engine must be changed to the latest conical sealing type. The numbers in bold are six pack part numbers.



## **Delphi** Technologies

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#### **Core Policy**

- Units must be properly identified with the proper part number
- Units must be returned like-for-like unless otherwise specified (see table below)
- Units must be returned as off of the engine assembled and complete with all external components and fuel connections
- Units damaged by fire, water, or customer abuse during handling will not be accepted
- Seized cores will not be accepted. To determine if a core is seized, see the illustration below
- Cores must be returned within 12 months from the date of purchase
- Units must be drained of all fuel and oil, packaged properly and shipped freight prepaid to place of purchase
- As part of the core charge refund process, any accepted core will result in a credit which will reduce the oldest available core in the core bank. A core bank is the number of core(s) that are eligible in principle for return, using the above listed core acceptance criteria

**IMPORTANT NOTE:** Any unit that is not returned within 12 months from the date of purchase or does not meet the above listed criteria for core returns will be (at the customer's direction) either returned to the customer at his/her expense or scrapped. The same will occur if there is no 'like type' open core bank available to allow for a core credit on a core return. No credit will be issued in either of the foregoing situations.

| Core Part<br>Number | Delphi Reman<br>Part Number | Eligible Core Part Numbers                                                                                                                           |  |
|---------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| ZEX-E33C            | EX631078                    | EX631078, 21172430, 21307001, 21457952, 21599150, 22027807, 85003664, 85013143, 85013159, 85013718, 85013719                                         |  |
| ZEX-E33D            | EX631079                    | EX631079, 21092434, 21119665, 21458369, 21599153, 22027808, 22717957, 85003658, 85013160, 85013611, 85013612                                         |  |
| ZEX-E33C            | EX631084<br>Coming soon     | EX631084, 22015763, 22479123, 85013778, 85020031, 85020426, 85020427                                                                                 |  |
| ZEX-E33D            | EX631085                    | EX631085, 22012829, 22479124, 85020032, 85020033, 85020428, 85020429                                                                                 |  |
| ZEX-E33E            | EX631086<br>Coming soon     | EX631086, 22218106, 22479125, 22717952 , 85020090, 85020091, 85020430, 85020431, 85020844, 85020845                                                  |  |
| ZEX-E33E            | EX631087                    | EX631087, 21172432, 21306972, 21457953, 21683459, 22027810, 22717954, 85003666, 85013099, 85013161, 85013613, 85013720, 85013721, 85020857, 85020858 |  |

To identify a seized core:



Distance from the top of the spring to the spring base should be no less than 65.34 mm



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