



# CUMMINS

## Truck/Bus/Coach/Industrial/Marine

### COMMON RAIL FUEL INJECTORS

Bostech sells only the highest quality common rail injectors. Each injector is completely remanufactured. The control valves for every injector are examined under a microscope to verify that they are flawless. If the slightest flaw is identified, the control valve is replaced. After reassembly, each injector is thoroughly tested on our state of the art testing equipment.

| MODEL   | YEAR      | ENGINE     | OEM PUMP # | BOSTECH PUMP # | OEM INJECTOR # | BOSTECH INJECTOR # |
|---|-----------|------------|------------|----------------|----------------|--------------------|
| <b>2003-2010 MID-RANGE TRUCK/BUS/COACH (Freightliner, Ford, Sterling, Thomas, Bluebird)</b> |           |            |            |                |                |                    |
| ISB   | 2010-2012 | 6.7L (ALL) | 5264250NX  | HPP7333        |                | DE808              |
| ISBe  | 2007-2010 | 6.7L (ALL) | 5264250NX  | HPP7333        | 4940096        | DE803              |
| ISBe  | 2003-2007 | 5.9L (ALL) | 5264245RX  | HPP7307        | 5254686        | DE811              |

| MODEL  | YEAR    | ENGINE      | OEM PUMP #    | CASE IH PUMP # | OEM INJECTOR # | BOSTECH INJECTOR # |
|--|---------|-------------|---------------|----------------|----------------|--------------------|
| <b>2003-UP INDUSTRIAL, AGRICULTURAL AND MARINE</b> |         |             |               |                |                |                    |
| ISBe   | 2003-UP | 3.9L & 5.9L | 0 445 020 011 | 4898921R       | 2830957        | DE965              |
| ISBe MARINE  |         | 3.9L & 5.9L |               |                | 3968846        | DE966              |

| MODEL   | YEAR      | ENGINE | BOSTECH INJECTOR # |
|---|-----------|--------|--------------------|
| <b>2003-2008 PEGASUS TRUCK/BUS/COACH/INDUSTRIAL</b> |           |        |                    |
| QSL   | 2003-2008 | 8.3L   | 0 445 120 133      |
| ISL   | 2003-2008 |        | 0 445 120 125      |
| QSL   | 2003-2008 |        | 0 445 120 115      |
| ISC   | 2003-2008 |        | 0 445 120 112      |
| ISL   | 2003-2008 |        | 0 445 120 097      |

**THE INJECTOR CONNECTOR IS RECOMMENDED BY THE MANUFACTURER TO BE REPLACED AT THE SAME TIME THE INJECTOR IS REPLACED!**

**3.9L & 5.9L - 5086874AB**

**4.5L & 6.7L - 68005335AA**



FOR MORE INFORMATION, VISIT [WWW.BOSTECHFUEL.COM](http://WWW.BOSTECHFUEL.COM) OR CONTACT OUR TECHNICAL SUPPORT TEAM AT 800-868-0057.

### FUEL INJECTION COMPONENTS

| COMMON RAIL COMPONENT                | BOSTECH #     |
|--------------------------------------|---------------|
| 2003-2008 TEMP SENSOR                | 0 281 002 471 |
| 2007-2008 RAIL PRESSURE SENSOR (RDS) | 0 281 002 850 |
| 2003-2006 RAIL PRESSURE SENSOR (RDS) | 0 281 002 851 |
| 2007-2008 RAIL                       | 0 445 226 044 |
| 2003-2006 RAIL                       | 0 445 226 014 |
| 2003-2008 RAIL (PEGASUS)             | 0 445 226 045 |
| 2007-2008 HY PRESSURE LIMITER (DBV)  | 1 110 010 013 |
| 2003-2006 HY PRESSURE LIMITER (DBV)  | F 00R 000 632 |
| 2007-2008 COPPER GASKET              | F 00R J01 453 |
| 2003-2006 COPPER GASKET              | F 00V C17 503 |

| COMMON RAIL COMPONENT             | BOSTECH #     |
|-----------------------------------|---------------|
| HP CONNECTOR (4.5L & 6.7L)        | 6 800 533 5AA |
| HP CONNECTOR (3.9L & 5.9L)        | 5 085 874 AB  |
| 2003-2008 HP CONNECTOR NUT        | F 00R J00 437 |
| 2003-2008 DRIVE SHAFT NUT         | 2 915 030 057 |
| 1998-2008 DRIVE SHAFT LOCK WASHER | 2 916 699 139 |
| 2007-2008 O-RING                  | F 00R J01 026 |
| 2003-2006 O-RING                  | 2 430 210 081 |
| 2003-2008 PUMP MOUNTING GASKET    | F 00E 200 094 |
| 2007 OXYGEN SENSOR                | 17115         |
| 2003-2006 MEASURING UNIT (MPROP)  | 0 928 400 666 |



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**BOSTECHFUEL.COM**



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### MEDIUM DUTY TRUCK VP44 SYSTEM - CUMMINS ENGINE

The 5.9L VP44 system is widely used in 1998-2002 Cummins applications (from medium duty pickups to industrial).

The lift pump plays an integral role in the system. If the lift pump gets clogged and fails, it will cause the VP44 injection pump to fail. The injection pump uses fuel to lubricate itself, and without fuel flowing, it will seize up. These points should be kept in mind when servicing the fuel system on a VP44 application.



| MODEL   | YEAR      | ENGINE        | OEM PUMP #    | BOSTECH PUMP # | BOSTECH INJECTOR # |
|---|-----------|---------------|---------------|----------------|--------------------|
| <b>1998-2002 MID-RANGE TRUCK/BUS/COACH (Freightliner, Ford, Sterling, Thomas, Bluebird)</b> |           |               |               |                |                    |
| ISB   | 2000-2002 | 5.9L (175HP)  | 0 470 506 029 | R16X           | 0 432 193 646      |
| ISB   |           | (190HP-195HP) | 0 470 506 029 | R16X           | 0 432 193 645      |
| ISB   |           | (210HP-215HP) | 0 470 506 029 | R16X           | 0 432 193 647      |
| ISB   |           | (230HP)       | 0 470 506 029 | R16X           | 0 432 193 648      |
| ISB   |           | (250HP)       | 0 470 506 029 | R16X           | 0 432 193 649      |
| ISB   |           | (275HP)       | 0 470 506 029 | R16X           | 0 432 193 635      |
| ISB   | 1999      | 5.9L (175HP)  | 0 470 506 012 | R13X           | 0 432 193 646      |
| ISB   |           | (190HP-195HP) | 0 470 506 012 | R13X           | 0 432 193 645      |
| ISB   |           | (210HP-215HP) | 0 470 506 012 | R13X           | 0 432 193 647      |
| ISB   |           | (230HP)       | 0 470 506 012 | R13X           | 0 432 193 648      |
| ISB   |           | (250HP)       | 0 470 506 012 | R13X           | 0 432 193 649      |
| ISB   |           | (275HP)       | 0 470 506 012 | R13X           | 0 432 193 635      |
| ISB   | 1998      | 5.9L (175HP)  | 0 470 506 003 | R13X           | 0 432 193 646      |
| ISB   |           | (190HP-195HP) | 0 470 506 003 | R13X           | 0 432 193 645      |
| ISB   |           | (210HP-215HP) | 0 470 506 003 | R13X           | 0 432 193 647      |
| ISB   |           | (230HP)       | 0 470 506 003 | R13X           | 0 432 193 648      |
| ISB   |           | (250HP)       | 0 470 506 003 | R13X           | 0 432 193 649      |
| ISB   |           | (275HP)       | 0 470 506 003 | R13X           | 0 432 193 635      |



### FUEL INJECTION COMPONENTS

| VP44 COMPONENT                    | BOSTECH #         |
|-----------------------------------|-------------------|
| 1998-2002 PUMP HP CONNECTOR       | F00Z R20 002      |
| 1998-2002 HP CONNECTOR O-RING     | 3882589           |
| 1998-2002 OVERFLOW VALVE          | 1 467 445 003     |
| 1998-2002 OFF-SET KEY             | 1 460 065 026-046 |
| 1998-2002 DRIVE SHAFT NUT         | 1 463 395 004     |
| 1998-2005 DRIVE SHAFT LOCK WASHER | 2 916 699 139     |

