

Following is core acceptance criteria applicable for any core returned on or after November 01, 2017, regardless of purchase date. **Note:** Old DTech part numbers are in parenthesis, next to the current DTech part numbers.

STANDARDS COMMON TO ALL PRODUCTS

1. In an "as removed from the engine state."
2. Excessive rust is not acceptable.
3. No fire or physical damage.
4. Cannot have been disassembled or have missing parts.
5. Unless otherwise noted, core returned must be the same part number as purchased; like-for-like.
6. Cores damaged as part of installation, removal, or in shipping will not be accepted.

CP1 COMMON RAIL HIGH-PRESSURE PUMPS

Sprinter Pumps

DT270003R (DT6120700101R)

The high-pressure fuel shutoff solenoid (EAV) electrical connectors cannot be damaged.

Acceptable Bosch part numbers: 0445010030 and 0986437016.

CP3 COMMON RAIL HIGH-PRESSURE PUMPS

1. MPROP electrical connector cannot be damaged.
2. No missing or damaged housing (freeze) plugs.

Dodge 5.9L Pumps

DT590003R (DT5143425R)

Acceptable Bosch part numbers: 0445020011, 0445020039, 0445020147 and 0986437304.

Dodge 6.7L Pumps

DT670002R (DT8027022R)

Acceptable Bosch part numbers: 0445020047, 0445020076, 0445020106, 0445020146 and 0986437334.

GM 6.6L Pumps

DT660005R (DT97720662R)

Acceptable Bosch part numbers: 0445020005, 0445020017 and 0986437303.

DT660006R (DT97303762R)

Acceptable Bosch part numbers: 0445020030 and 0986437308.

DT660007R (DT97361351R)

Acceptable Bosch part numbers: 0445020037, 0445020105 and 0986437332.

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Sprinter Pumps

DT300001R (DT6420700301R)

The fuel temperature sensor electrical connector cannot be damaged.
Acceptable Bosch part numbers: 0445010135 and 0986437327.

DT270004R (DT6480700001R)

The fuel temperature sensor electrical connector cannot be damaged.
Acceptable Bosch part numbers: 0445010091, 0445010143 and 0986437323.

COMMON RAIL INJECTORS

Dodge 5.9L Injectors

DT590001R (DT5086894R-3) and DT590002R (DT5135790R-3)

Cores do not have to be like-for-like.
Acceptable Bosch part numbers: 0445120018, 0445120032, 0445120103, 0445120113, 0445120114, 0445120208, 0445120210, 0445120238, 0445120255, 0986435503 and 0986435505.

Dodge 6.7L Injectors

DT670001R (DT8027067R)

No damage to the electrical posts accepted.
Acceptable Bosch part numbers: 0445120050, 0445120071, 0445120184, 0445120185, 0445120188, 0445120193, 0445120204, 0986435518, 0986435519 and 0986435574.

Ford 6.4L Injectors

DT640001R (DT64)

No damage to the fuel inlet connector threads, electrical connector or nozzle.

GM 6.6L Injectors

DT660001R (DT97729095R-2) (LB7)

Acceptable Bosch part numbers: 0445120008 and 0986435502.

DT660002R (DT97303657R) (LLY)

No damage to the fuel inlet connector threads or electrical connector.
Acceptable Bosch part numbers: 0445120027 and 0986435504.

DT660003R (DT97361355R) (LBZ)

No damage to the fuel inlet connector threads or electrical connector.
Acceptable Bosch part numbers: 0445120042 and 0986435521.

DT660004R (DT98002368R) (LMM)

No damage to the fuel inlet connector threads or electrical connector.
Acceptable Bosch part numbers: 0445120082 and 0986435520.

Sprinter Injectors

DT270001R (DT6120700387R)

If the top of the injector is covered with a melted black substance it is most likely the incorrect core. The substance must be carefully removed to determine the part number located on the stator.
No damage to the electrical connector.
Acceptable Bosch part numbers: 0445110181, 0445110182 and 0986435053.
Acceptable Mercedes part numbers: 6120700487

Sprinter Injectors (Cont.)

DT270002R (DT6470700187R)

No damage to the electrical connector.
Acceptable part numbers: 0445110162, 0445110163 and 0986435109.

FUEL INJECTION CONTROL MODULE (FICM) - FORD 6.0L (REGULAR AND COLD START)

Damage to the electrical connector is acceptable.

HIGH-PRESSURE OIL PUMPS - FORD 6.0L

Refer to standards common to all products.

HEUI INJECTORS - FORD 6.0L

Damage to the electrical connector, wires, and coils is acceptable.
The spool valve assembly cannot be separated from the injector body and at least one screw must be present (installed). Cores do not have to be like-for-like.

INJECTOR PRESSURE REGULATOR (IPR) - FORD 6.0L

No damage to the electrical connector.

INJECTOR DRIVE MODULES (IDM) - FORD 7.3L

Damage to the electrical connector is acceptable.
DT730012 (DTPS110) IDM core will be silver in color. On the nametag it will have IDM-110 and one of the Ford part numbers listed on Product Bulletin FI-196.
DT730013 (DTPS120) IDM core will be black in color. On the nametag it will have IDM-120 and one of the Ford part numbers listed on Product Bulletin FI-196.

HEUI INJECTORS - FORD 7.3L

The stator electrical connector can not be damaged.

INJECTION PRESSURE REGULATOR (IPR) - FORD 7.3L

No damage to the electrical connector.
Cores do not have to be like-for-like.
DT730014R (DT73002) has an edge filter (closed end).
DT730015R (DT73003) without an edge filter (open end).

HIGH-PRESSURE OIL PUMPS - FORD 7.3L

DT730005 (DT73HPP1) Identification

The top passage in the mounting flange is plugged.
Threaded JIC hose connections.
Competitor part numbers: HP004X, HTP104, R98620004R, 1825247C91, 1825260C91, 1825271C93, 2503701C91, 991936C95 and F4TZ9A543BRM .

DT730006 (DT73HPP2) Identification

The top passage in the mounting flange is open.
Threaded JIC hose connections.
Competitor part numbers: HP005X, HTP105, R98620005R, 185248C91, 1825259C91, 1826794C93, 2503703C91, 991935C94 and F6TZ9A543ARM.

High-Pressure Oil Pumps (Cont.)

DT730007 (DT73HPP3) + DT730008 (DT73HPP4) Identification

DT730007 (DT73HPP3) and DT730008 (DT73HPP4) are interchangeable.

The top passage in the mounting flange is open.

Quick connect hose connections.

The round rear cover may be embossed with the number 449 or 857.

Competitor part numbers: HP007X, HTP107, R98620007R, 1830857C91, 2503704C91, 991964C93, 5C3Z9VA543BRM, F81Z9A543BRM, HP008X, HTP108, R98620008R, 1831449C91, 501009R91 and F81Z9A543CRM.

INJECTORS - GM 6.5L

Threads cannot be damaged.

Barbed return connection cannot be broken.

Cores do not have to be like-for-like.

DS PUMPS - GM 6.5L

DT650003R (DT19209059) + DT650004R (DT19208316)

Damage to the PMD wiring harness plastic electrical plugs is acceptable. No damage to the male, female or eyelet electrical connections or to the wiring harness is acceptable.

The ESO wiring harness must be undamaged, damage to its electrical connector is acceptable.

Damage to the stepper motor and its electrical connector is not acceptable.

The encoder sensor connector-retaining clip can be broken. However, the rest of the encoder housing may not be damaged.

Pumps with a missing or black label nameplate (see below) are not acceptable.

DT650003R (DT19209059)

Acceptable GM part numbers: 10225930, 12558156, 12561307, 12561405, 17800077, 17800114, 19208315, 19208317 and 19209059.

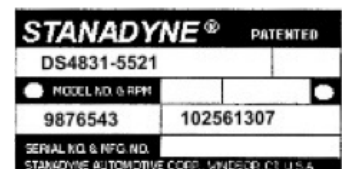
Acceptable Stanadyne part numbers: DS4831-5067, DS4831-5288, DS4831-5459, DS4831-5521 and DS4831-5942.

DT650004R (DT19208316)

Acceptable GM part numbers: 10225929, 17800076, 17800113 and 19208316.

Acceptable Stanadyne part numbers: DS4831-5068 and DS4831-5941.

Black Label Nameplate:



TURBOCHARGERS

Dodge 6.7L Turbocharger

DT670003R (DT8048234R)

In an "as removed from the engine state."

Core returned must be the same part number as purchased, like-for-like.

Wastegate electronic actuator required with no damage to the housing, cable and connector.

Acceptable part numbers: 2384228, 2834603, 2835911, 2837647, 2839682, 2882075, 3768088, 3770973, 3770974, 3790481, 3790483, 3799840, 4043137, 4046837, 4955361 and R8048234AG.