



# Bosch Rexroth High Pressure Oil Pump Application Guide

Robert Bosch LLC  
1 Tower Lane  
Oakbrook Terrace, IL 60181  
Phone 331-264-5000  
[www.boschautoparts.com](http://www.boschautoparts.com)



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## High Pressure Oil Pump Applications

Model	Year	Engine Serial Number/Pump	Newman	Bosch Exchange
<b>Ford Powerstroke</b>				
	2004-03	6.0L, 0 – 6,344,942	HP032N	HP032X
	2003-99½	7.3L	HP008N	HP008X
	1999½-98	7.3L	HP007N	HP007X
	1997-96	7.3L	HP005N	HP005X
	1995-94	7.3L	HP004N	HP004X
<b>Navistar T444E</b>				
		005500 - 216543	HP004N	HP004X
		216544 - 661894	HP005N	HP005X
		661895 - 843989	HP007N	HP007X
		843990 - UP	HP008N	HP008X
<b>Navistar DT466E</b>				
		175HP - 230HP Standard Torque, 5.3cc Pump	HP021N	HP021X
<b>Navistar DT466E / I530E</b>				
		230HP High Torque - 300HP, 6.5cc Pump	HP020N	HP020X
		300HP - 330HP, 7.0cc Pump	HP022N	HP022X

## Buyer's Guide

Newman	Bosch Exchange	Application/Comment
<b>High Pressure Oil Pump</b>		
HP004N	HP004X	1995-94 Ford Powerstroke; Navistar T444E with engine serial number 005500 - 216543
HP005N	HP005X	1997-96 Ford Powerstroke; Navistar T444E with engine serial number 216544 - 661894
HP007N	HP007X	1999½-98 Ford Powerstroke; Navistar T444E with engine serial number 661895 - 843989
HP008N	HP008X	2003-99½ Ford Powerstroke; Navistar T444E with engine serial number 843990 and Up
HP020N	HP020X	Navistar DT466E/I530E with 230HP High Torque - 300HP engine, 6.5cc pump
HP021N	HP021X	Navistar DT466E with 175HP-230HP Standard Torque engine, 5.3cc pump

Newman	Bosch Exchange	Application/Comment
<b>High Pressure Oil Pump (Cont'd)</b>		
HP022N	HP022X	Navistar DT466E/I530E with 300HP-330HP, 7.0cc Pump
HP032N	HP032X	2004-03 Ford Powerstroke, 6.0L with engine serial number 0 – 6,344,942
<b>Miscellaneous Components</b>		
	F00E200100	Flat Mounting Gasket (included with all pumps)
	F00E200134	Silicone Mounting Gasket (included with HP020X, HP021X and HP022X pumps)
	F00E200266	High Pressure Pump Seal Kit (included with HP032X pump)
	0440008174	Supply Pump – HP020X, HP021X and HP022X

## Cross Reference

Rexroth	Newman	Bosch Exchange
R98620004R	HP004N	HP004X
R98620005R	HP005N	HP005X
R98620007R	HP007N	HP007X
R98620008R	HP008N	HP008X
R98620020R	HP020N	HP020X
R98620021R	HP021N	HP021X
R98620022X	HP022N	HP022X
R98620032R	HP032N	HP032X
<b>Navistar</b>	<b>Newman</b>	<b>Bosch Exchange</b>
1825247C91	HP004N	HP004X
1825248C91	HP005N	HP005X
1825259C91	HP005N	HP005X
1825260C91	HP004N	HP004X
1825271C93	HP004N	HP004X
1825681C94	HP021N	HP021X
1825681C95	HP021N	HP021X
1826458C92	HP020N	HP020X
1826794C93	HP005N	HP005X

Navistar (cont'd)	Newman	Bosch Exchange
1830177C91	HP020N	HP020X
1830177C92	HP020N	HP020X
1830857C91	HP007N	HP007X
1831449C91	HP008N	HP008X
1842721C91	HP021N	HP021X
1842722C91	HP020N	HP020X
1842723C91	HP022N	HP022X
<b>Navistar ReNew</b>	<b>Newman</b>	<b>Bosch Exchange</b>
2503701C91	HP004N	HP004X
2503703C91	HP005N	HP005X
2503704C91	HP007N	HP007X
501009R91	HP008N	HP008X
991935C94	HP005N	HP005X
991936C95	HP004N	HP004X
991964C93	HP007N	HP007X
<b>Ford</b>	<b>Newman</b>	<b>Bosch Exchange</b>
F4T29A543BRM	HP004N	HP004X
F6T29A543ARM	HP005N	HP005X

Ford (cont'd)	Newman	Bosch Exchange
F8I29A543BRM	HP007N	HP007X
F8I29A543CRM	HP008N	HP008X
3C3Z9A543AARM	HP032N	HP032X
4C3Z9A543AARM	HP032N	HP032X
<b>Delphi</b>	<b>Newman</b>	<b>Bosch Exchange</b>
HTP104	HP004N	HP004X
HTP105	HP005N	HP005X
HTP107	HP007N	HP007X
HTP108	HP008N	HP008X
HTP114	HP020N	HP020X
HTP114	HP021N	HP021X
HTP123	HP032N	HP032X
<b>International Fuel Systems</b>	<b>Newman</b>	<b>Bosch Exchange</b>
HPP100	HP004N	HP004X
HPP200	HP005N	HP005X
HPP300	HP007N	HP007X
HPP400	HP008N	HP008X

### Core Return Policy

- ▶ Bosch will give core credit against purchases for pumps within the same family.
- ▶ The Families are:
  1. HP004X, HP005X, HP007X, HP008X
  2. HP020X, HP021X, HP022X
  3. HP032X

### Warranty Terms

- ▶ 12 Months, unlimited mileage/hours
- Warranty does not cover:**
  - ▶ Repairs/Damage due to accidents, misuse, storage damage, negligence, modifications, improper installation, and damage caused by installer.

- ▶ Non-genuine pumps/injectors that were not supplied by Bosch
- ▶ Pumps/Injectors damaged due to dirty or contaminated fuel
- ▶ Pumps/Injectors where the problem can not be confirmed (No Trouble Found).

A complete overview of return criteria is available at [coremannet.com](http://coremannet.com).