



# Bosch Rexroth High Pressure Oil Pump Application Guide



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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	Newman	Bosch Exchange	Application/Comment
<b>High Pressure Oil Pump</b>			<b>High Pressure Oil Pump (Cont'd)</b>		
HP004N	HP004X	1995-94 Ford Powerstroke; Navistar T444E with engine serial number 005500 - 216543	HP022N	HP022X	Navistar DT466E/I530E with 300HP-330HP, 7.0cc Pump
HP005N	HP005X	1997-96 Ford Powerstroke; Navistar T444E with engine serial number 216544 - 661894	HP032N	HP032X	2004-03 Ford Powerstroke, 6.0L with engine serial number 0 – 6,344,942
HP007N	HP007X	1999½-98 Ford Powerstroke; Navistar T444E with engine serial number 661895 - 843989	<b>Miscellaneous Components</b>		
HP008N	HP008X	2003-99½ Ford Powerstroke; Navistar T444E with engine serial number 843990 and Up		F00E200100	Flat Mounting Gasket (included with all pumps)
HP020N	HP020X	Navistar DT466E/I530E with 230HP High Torque - 300HP engine, 6.5cc pump		F00E200134	Silicone Mounting Gasket (included with HP020X, HP021X and HP022X pumps)
HP021N	HP021X	Navistar DT466E with 175HP-230HP Standard Torque engine, 5.3cc pump		F00E200266	High Pressure Pump Seal Kit (included with HP032X pump)
				0440008174	Supply Pump – HP020X, HP021X and HP022X

## Cross Reference

Rexroth	Newman	Bosch Exchange	Navistar (cont'd)	Newman	Bosch Exchange	Ford (cont'd)	Newman	Bosch Exchange
R98620004R	HP004N	HP004X	1830177C91	HP020N	HP020X	F81Z9A543BRM	HP007N	HP007X
R98620005R	HP005N	HP005X	1830177C92	HP020N	HP020X	F81Z9A543CRM	HP008N	HP008X
R98620007R	HP007N	HP007X	1830857C91	HP007N	HP007X	3C3Z9A543AARM	HP032N	HP032X
R98620008R	HP008N	HP008X	1831449C91	HP008N	HP008X	4C3Z9A543AARM	HP032N	HP032X
R98620020R	HP020N	HP020X	1842721C91	HP021N	HP021X	<b>Delphi</b>	<b>Newman</b>	<b>Bosch Exchange</b>
R98620021R	HP021N	HP021X	1842722C91	HP020N	HP020X	HTP104	HP004N	HP004X
R98620022X	HP022N	HP022X	1842723C91	HP022N	HP022X	HTP105	HP005N	HP005X
R98620032R	HP032N	HP032X	<b>Navistar ReNew</b>	<b>Newman</b>	<b>Bosch Exchange</b>	HTP107	HP007N	HP007X
<b>Navistar</b>	<b>Newman</b>	<b>Bosch Exchange</b>	2503701C91	HP004N	HP004X	HTP108	HP008N	HP008X
1825247C91	HP004N	HP004X	2503703C91	HP005N	HP005X	HTP114	HP020N	HP020X
1825248C91	HP005N	HP005X	2503704C91	HP007N	HP007X	HTP114	HP021N	HP021X
1825259C91	HP005N	HP005X	501009R91	HP008N	HP008X	HTP123	HP032N	HP032X
1825260C91	HP004N	HP004X	991935C94	HP005N	HP005X	<b>International Fuel Systems</b>	<b>Newman</b>	<b>Bosch Exchange</b>
1825271C93	HP004N	HP004X	991936C95	HP004N	HP004X	HPP100	HP004N	HP004X
1825681C94	HP021N	HP021X	991964C93	HP007N	HP007X	HPP200	HP005N	HP005X
1825681C95	HP021N	HP021X	<b>Ford</b>	<b>Newman</b>	<b>Bosch Exchange</b>	HPP300	HP007N	HP007X
1826458C92	HP020N	HP020X	F4T29A543BRM	HP004N	HP004X	HPP400	HP008N	HP008X
1826794C93	HP005N	HP005X	F6T29A543ARM	HP005N	HP005X			

### 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).