

Remanufactured Engines



Engine Model	Fuel	Cylinders	Engine Overhaul Kit #	Engine Model	Fuel	Cylinders	Engine Overhaul Kit #
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Allis Chalmers

G153	Gas	4	06-G153-OVKL
G230	Gas	6	06-G230-OVKL

Case

D188	Diesel	4	Order Parts Individually
G188	Gas	4	Order Parts Individually
D207	Diesel	4	Order Parts Individually



Continental

F163	Gas	4	91-F163-OVK
F227	Gas	6	91-F227-OVK
F245	Gas	6	91-F245-OVK
G193	Gas	4	91-G193-OVK
TM27	Gas	4	91-TM27-OVK
TMD27	Diesel	4	91-TMD27-OVK
Y112	Gas	4	91-Y112-OVK



Caterpillar

1404	Gas	4	09-1404-OVK
3208	Diesel	8	Order Parts Individually



Ford

1.6	Gas	4	Order Parts Individually
172D	Diesel	4	08-172D-OVK
172	Gas	4	08-172-OVK
192	Gas	4	08-192-OVK
300	Gas	6	Order Parts Individually



Chrysler

318	Gas	8	26-318-OVK
H225	Gas	6	26-H225-OVK
H239	Gas	6	26-H239-OVK
IND-30	Gas	6	26-IND-30-OVK

Toll Free USA & Canada: 800-321-9983, Mexico: 001-800-561-1897 Fax: 330/342-3895 www.joseph.com

All manufacturers' names, numbers, symbols and descriptions are used for reference purpose only, and it is not implied that any part listed is the product of the manufacturer.

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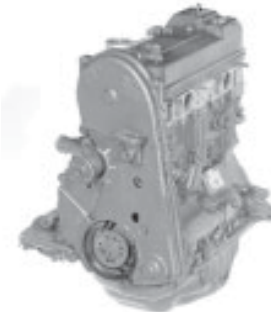
GMC			
153	Gas	4	188-153-OVK
181	Gas	4	188-181-OVK
250	Gas	6	Order Parts Individually
305	Gas	6	Order Parts Individually
350	Gas	8	Order Parts Individually
2.2L	Gas	4	Order Parts Individually
4.3L	Gas	6	188-4.3LB-OVK
Balanced			



Mazda			
D5	Gas	4	320-D5-OVK
F2	Gas	4	320-F2-OVK
FE	Gas	4	320-FE-OVK
HA	Diesel	4	320-HA-OVKL
UA	Gas	4	320-UA-OVKL
VA	Gas	4	320-VA-OVKL
XA	Diesel	4	320-XA-OVKL
ZB	Diesel	6	320-ZB-OVKL



Hercules			
G1600	Gas	4	230-G1600-OVK



Mitsubishi			
4G32	Gas	4	4-4G32-OVK
4G33	Gas	4	4-4G33-OVK
4G52	Gas	4	4-4G52-OVK
4G54	Gas	4	4-4G54B-OVK
4G63	Gas	4	4-4G63B-OVK
4G64	Gas	4	4-4G64B-OVK
6G72	Gas	6	4-6G72-OVK
S6E	Diesel	6	4-S6E-OVK



Isuzu			
C240	Diesel	4	130-C240-OVKL

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Nissan

A15	Gas	4	2-A15-OVK
D11	Gas	4	2-D11-OVK
FD6	Diesel	6	2-FD6-OVK
H20	Gas	4	2-H20-OVK
H20-II	Gas	4	2-H20-II-OVK
H20-IIK	Gas	4	2-H20-IIK-OVK
H25	Gas	4	2-H25-OVK
H30	Gas	6	2-H30-OVK
J15	Gas	4	2-J15-OVK
P40	Gas	6	2-P40-OVK
PPU240	Gas	6	2-PPU240-OVK
SD22	Diesel	4	2-SD22-OVK
SD22	Diesel	4	2-SD22-OVKL with liners
SD25	Diesel	4	2-SD25-OVKL with liners
SD33	Diesel	6	2-SD33-OVK
SD33	Diesel	6	2-SD33-OVKL with liners
SD33T	Diesel	6	2-SD33-OVK
SD33T	Diesel	6	2-SD33-OVKL with liners
TB42	Gas	6	2-TB42-OVK
TD42	Diesel	6	2-TD42-OVKL with liners
Z24	Gas	4	2-Z24-OVK



Perkins

1004	Diesel	4	Build Number Required
1004.4	Diesel	4	Build Number Required
1006	Diesel	6	Build Number Required
1006.6	Diesel	6	Build Number Required
4.108	Diesel	4	Build Number Required
4.154	Diesel	4	Build Number Required
4.203	Diesel	4	Build Number Required
4.203.2	Diesel	4	Build Number Required
4.236	Diesel	4	Build Number Required
4.248	Diesel	4	Build Number Required
4.248.2	Diesel	4	Build Number Required
6.354	Diesel	6	Build Number Required
6.354.4	Diesel	6	Build Number Required
D3.152	Diesel	3	Build Number Required
G4.203	Gas	4	Build Number Required
G4.236	Gas	4	Build Number Required
T6.354.4	Diesel	6	Build Number Required

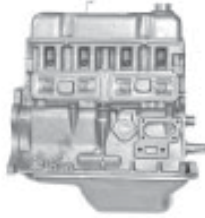


Peugeot

XD3P	Diesel	4	202-XD3P-OVK
XN1P	Gas	4	202-XN1P-OVKL with liners

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Toyota

1DZ	Diesel	6	Order Parts Individually
1Z	Diesel	4	Order Parts Individually
2F	Gas	6	1-2F-OVK
2H	Diesel	6	1-2H-OVK
2J w/liners	Diesel	4	1-2J-OVKL
2R	Gas	4	1-2R-OVK
3F	Gas	6	1-3F-OVK
3P	Gas	4	1-3P-OVK
4P	Gas	4	1-4P-OVK
4Y	Gas	4	1-4Y-OVK
5K	Gas	4	1-5K-OVK
5P	Gas	4	1-5P-OVK
5R (Early)	Gas	4	1-5R-E-OVK
5R (Mid)	Gas	4	1-5R-M-OVK
5R (Late)	Gas	4	1-5R-L-OVK
F	Gas	6	1-F-OVK
H w/liners	Diesel	6	1-H-OVKL



Waukesha

1CK	Gas	4	Order Parts Individually
D155GD	Diesel	4	Order Parts Individually
D155G	Gas	4	107-D155G-OVKL
D176GA	Gas	4	Order Parts Individually
D176G	Gas	4	107-D176G-OVKL
FC	Gas	4	Order Parts Individually

What is a Long Block Reman Engine??

A long block consists of the following parts:

Oil pump	Oil pan
Crankshaft	Cam shaft
Connecting rods	Cylinder head
Valve cover	Gasket set
Pistons/Piston Rings	Front cover
Main bearings / Rod bearings	
Intake / Exhaust Valves	
Engine cylinder block	

Items not included with a long block engine

Starter	Alternator	Flywheel
Manifold	Motor mounts	Belts
Water pump	Distributor	Carburetor
	Spark plugs	

What is a Long Block Reman Diesel Engine??

A long block consists of the following parts:

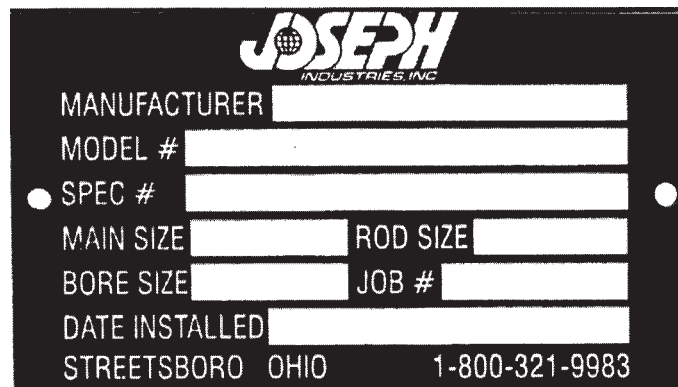
Oil pump	Oil pan
Crankshaft	Cam shaft
Connecting rods	Cylinder head
Valve cover	Gasket set
Pistons/Piston Rings	Front cover
Thermostat	Fuel System
Main bearings / Rod bearings	
Intake / Exhaust Valves	Water Pump
Engine cylinder block	

Items not included with a long block engine

Starter	Alternator
Flywheel	Manifold
Motor mounts	Belts

Identification Tag

Each Joseph Industries Remanufactured Engine will have an engine identification tag attached to the side of the engine block.



JOSEPH
INDUSTRIES, INC.

MANUFACTURER

MODEL #

● SPEC # ●

MAIN SIZE ROD SIZE

BORE SIZE JOB #

DATE INSTALLED

STREETSBORO OHIO 1-800-321-9983

WARNING TAGS

Each Joseph Industries Remanufactured Engine will ship to the customer with the following warning attached to the engine.

CAUTION

BEFORE STARTING

OIL PRESSURE SHOULD BE BUILT UP BEFORE STARTING ENGINE. WE RECOMMEND CRANKING THE ENGINE WITHOUT SPARK PLUGS UNTIL THE OIL LIGHT IS OUT OR THE GAUGE REGISTERS. THIS WILL HELP INSURE A LONG BEARING LIFE.

“BREAK-IN INSTRUCTIONS”

- 1 NEVER ALLOW AN ENGINE TO IDLE FOR A PROLONGED TIME. LIMIT IDLE TIME TO FIVE MINUTES OR LESS WITHIN THE FIRST THREE HOURS OF OPERATION FOLLOWING INSTALLATION OF NEW CYLINDER COMPONENTS.
- 2 OPERATE ENGINE IN THE NORMAL RPM RANGE AT APPROXIMATELY 75% LOAD FOR THE FIRST TWO OR THREE HOURS.
- 3 LIMIT PERIODS OF FULL LOAD OR FULL RATED SPEED OPERATION DURING THE BREAK-IN PERIOD TO SHORT INTERVALS OF TWO OR THREE MINUTES.
- 4 BEFORE SHUT DOWN, ALLOW ENGINE OPERATING TEMPERATURE TO COOL DOWN AND STABILIZE BY OPERATING AT LIGHT OR NO LOAD FOR NO MORE THAN FIVE MINUTES.

CAUTION

TORQUE CYLINDER HEAD BOLTS TO PROPER SPEC & SEQUENCE, RETORQUE AT ENGINE OPERATING TEMP.



HEAT TABS

Each engine remanufactured by Joseph Industries will have a heat tab installed on the cylinder head.

The center of the heat tab will melt at 250 degrees F. If the heat tab has been removed or
the center of the heat tab has melted the engine warranty is void.

