



3006 INDUSTRIAL ENGINE

2/3

QUICK REFERENCE CHARTS

USE THESE CHARTS TO RECORD FREQUENTLY USED MAINTENANCE INFORMATION

MACHINE SERIAL NO.	
EQUIPMENT NO.	

FREQUENTLY REPLACED ITEMS

PART NO.	PART NAME

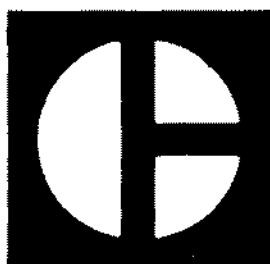
FLUIDS & LUBRICANTS

WHERE USED	TYPE	AMOUNT

OTHER MAINTENANCE ITEMS

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PARTS BOOK

3306

INDUSTRIAL ENGINE

SERIAL NUMBER
66D26832-UP

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QUICK REFERENCE GUIDE TO MAJOR SECTIONS

BASIC ENGINE

LUBRICATION SYSTEM

COOLING SYSTEM

INTAKE &
EXHAUST SYSTEM

FUEL SYSTEM
& GOVERNOR

STARTING &
ELECTRICAL SYSTEM

GAUGES & ACCESSORIES

GENERATORS

SERVICE EQUIPMENT
& SUPPLIES

ENGINE IDENTIFICATION Caterpillar engines are identified with SERIAL NUMBERS and ARRANGEMENT NUMBERS. In some cases MODIFICATION NUMBERS are also used. These numbers are shown on the serial number plate mounted on the engine. The Specification Section at the back of this Parts Book indicates the location of the serial number plate.

Caterpillar dealers need all of these numbers to determine which components were included on the engine when it was assembled at the factory. This permits accurate identification of replacement part numbers.

ORDERING PARTS Quality Caterpillar Replacement parts are available from Caterpillar dealers throughout the world. Their parts stocks are up to date and include all parts normally required to protect your investment in Caterpillar engines. When ordering parts, your order should specify the quantity, part number, part name and the serial number, arrangement number and modification number of the engine for which the parts are needed. If in doubt about the part number, please provide your dealer with a complete description of the needed item.

HOW TO USE THE PARTS BOOK Caterpillar Parts Books include illustrations of the groups or assemblies which make up the engine. These illustrations show the standard components plus many of the attachments available for the engine.

The alphabetical index located in the front part of the book should be used to determine the page number on which specific illustrations are shown. Reference to those pages will identify each of the individual serviceable parts.

Captions The caption under each illustration identifies the part number and name of the group or assembly shown. If more than one illustration is included for any group, the caption identifies the specific engine serial numbers to which each illustration applies. In some cases it is not possible to determine the specific engine serial numbers to which different illustrations are applicable. In those cases the caption identifies the illustration as "First Type", "Second Type", etc. Reference to the actual group or assembly is necessary in those cases to determine which illustration should be used.

Captions provide additional information such as page numbers where illustrations of sub assemblies are shown, information regarding quantities used and other information intended to assist the user in determining parts needs.

Indented Part Names Within each illustration is a parts list identifying each serviceable part in the illustration. When a part name is indented in this list, it means that serviceable item is a part of the serviceable item under which it is indented.

Abbreviations and Symbols

▲	Used to call attention to additional information shown elsewhere within the illustration.	
●		
R.H.	Right Hand	Refers to the side of the engine as viewed from the flywheel end.
L.H.	Left Hand	
C	Indicates changes from the previous illustration of the same group or assembly.	
O.D.	Outside Diameter	
I.D.	Inside Diameter	
N/S	Not Serviced	
Assem.	Assembly	
in.	Inch	
ft	Foot	
cm	Centimetre	
dm	Decimetre	

Note: Continuing improvement and advancement of product design may cause changes to your engine which may not be included in this publication. Each publication is reviewed and revised, as required, to update and include these changes in later editions.

Whenever a question arises regarding your Caterpillar product, or this publication, please consult your Caterpillar dealer for the latest available information.

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INHALTSVERZEICHNIS

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- OR -		
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	SERIAL No. 66D35020, 35056 & 66D35078--UP	
1	7N3496 FLYWHEEL GROUP	74
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1	3N2899 OIL PAN GROUP	81
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1	2P1784 ENGINE OIL PUMP GROUP	83
1	2P6105 ENGINE OIL LINES GROUP	85
1	2P6475 OIL FILTER GROUP	83
1	2P6855 OIL FILLER GROUP	88
1	1P4244 BREATHER GROUP	90
1	3N2898 OIL LEVEL GAUGE GROUP	86
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1	2P662 WATER PUMP GROUP	109
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1	7N5909 WATER PUMP GROUP	108A
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1	2P7730 WATER LINES GROUP	105
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- OR -		
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1	4N7122 TURBOCHARGER OIL LINES GROUP	159
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- OR -		
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1	6N6214 GOVERNOR AND FUEL INJECTION PUMP GROUP	185
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7N3379 ENGINE ARRANGEMENT--Part 2

Precombustion Chambered Turbocharged-Industrial. NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT NUMBER AND SERIAL NUMBER

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		SERIAL No. 66D32187--UP	
1	2P6517	CYLINDER BLOCK COVER GROUP	40
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N1292	CYLINDER BLOCK COVER GROUP	40A
		SERIAL No. 66D32187--UP	
1	2P6222	CRANKSHAFT GROUP	41
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	6N8079	CRANKSHAFT GROUP	40A
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1	8N4393	CYLINDER HEAD GROUP	46A
	- OR -	SERIAL No. 66D29463 TO 66D32186 INCLUSIVE	
1	6N8103	CYLINDER HEAD GROUP	47A-1
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1	2P6530	CYLINDER HEAD COVER GROUP	49
1	2P6546	CYLINDER HEAD FASTENER GROUP	48
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N9536	CYLINDER HEAD FASTENER GROUP	47B
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1	2P6526	VALVE MECHANISM GROUP	51
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1	3N2891	VALVE MECHANISM COVER GROUP	51
1	6N8336	ENGINE LIFTING GROUP	50
	- OR -	SERIAL No. 66D26832 TO 66D29142 INCLUSIVE	
1	8N3286	ENGINE LIFTING GROUP	50A
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1	2P6528	FRONT HOUSING COVER GROUP	52A
1	3N2887	FRONT HOUSING FASTENER GROUP	54
1	2P9642	FRONT TIMING GEAR GROUP	55
1	3N2886	SEAL ADAPTER GROUP	56
1	3N2884	PULLEY GROUP	57
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7N3380 ENGINE ARRANGEMENT—Part 1

Precombustion Chambered Turbocharged—60 hertz Generator Set—3 Percent Governor
Regulation. NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT NUMBER AND
SERIAL NUMBER

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1	8N2395 FLYWHEEL HOUSING GROUP	79A-1
	SERIAL No. 66D35078--UP	
1	7N3496 FLYWHEEL GROUP	74
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1	2P6105 ENGINE OIL LINES GROUP	85
1	2P6475 OIL FILTER GROUP	83
1	2P6855 OIL FILLER GROUP	88
1	1P4244 BREATHER GROUP	90
1	3N2898 OIL LEVEL GAUGE GROUP	86
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	- OR - SERIAL No. 66D26832 TO 66D34110 INCLUSIVE	
1	7N5909 WATER PUMP GROUP	108A
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1	2P7730 WATER LINES GROUP	105
	- OR - SERIAL No. 66D26832 TO 66D34110 INCLUSIVE	
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1	4N7122 TURBOCHARGER OIL LINES GROUP	159
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1	7N7145 FUEL INJECTION LINES GROUP	234
1	9N3273 DRAIN LINES GROUP	239
6	7N7125 FUEL INJECTION VALVE GROUP	238
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3	3N3892 DUMMY GLOW PLUG GROUP	285

NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS

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 Precombustion Chambered Turbocharged—60 hertz Generator Set—3 Percent Governor
 Regulation. NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT NUMBER
 AND SERIAL NUMBER

CATERPILLAR 3306 INDUSTRIAL ENGINE

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1	7N1292	CYLINDER BLOCK COVER GROUP	40A
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1	3N2884	PULLEY GROUP	57
1	3N2883	ENGINE SUPPORT GROUP	71
1	3N2885	DAMPER GROUP	64

7N3381 ENGINE ARRANGEMENT—Part 1

Precombustion Chambered Turbocharged Aftercooled—60 hertz Generator Set—3
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NUMBER AND SERIAL NUMBER

ENGINE ARRANGEMENT

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1	2P6105 ENGINE OIL LINES GROUP	85
1	2P6475 OIL FILTER GROUP	83
1	2P6855 OIL FILLER GROUP	88
1	1P4244 BREATHER GROUP	90
1	3N2898 OIL LEVEL GAUGE GROUP	86
<u>COOLING SYSTEM</u>		
1	2P662 WATER PUMP GROUP	109
	SERIAL NO. 66D26832 TO 66D33233 INCLUSIVE	
	- OR -	
1	7N5909 WATER PUMP GROUP	108A
	SERIAL NO. 66D33234--UP	
1	9N1246 WATER LINES GROUP	105
	SERIAL NO. 66D26832 TO 66D33233 INCLUSIVE	
	- OR -	
1	7N6587 WATER LINES GROUP	106A
	SERIAL NO. 66D33234--UP	
1	9N1245 WATER LINES GROUP--ELBOW	106
1	2P7738 ENGINE OIL COOLER GROUP	117
1	6N8492 WATER LINES GROUP--AFTERCOOLER	166
<u>INTAKE AND EXHAUST SYSTEM</u>		
1	3N2888 EXHAUST MANIFOLD GROUP	130
1	6N3744 TURBOCHARGER GROUP	144
1	4N7122 TURBOCHARGER OIL LINES GROUP	159
	SERIAL NO. 66D26832 TO 66D35078 INCLUSIVE	
	- OR -	
1	8N4572 TURBOCHARGER OIL LINES GROUP	160A
	SERIAL NO. 66D35079--UP	
1	6N9317 AIR LINES GROUP	170A
1	6N3745 AFTERCOOLER GROUP	161
<u>FUEL SYSTEM AND GOVERNOR</u>		
1	1P2299 FUEL FILTER ASSEMBLY	240
1	4N4314 FUEL PRIMING PUMP GROUP	238
1	7N1780 GOVERNOR AND FUEL INJECTION PUMP GROUP	182
1	7N7145 FUEL INJECTION LINES GROUP	234
1	9N3273 DRAIN LINES GROUP	239
6	7N7125 FUEL INJECTION VALVE GROUP	238
<u>ELECTRICAL SYSTEM</u>		
3	3N3892 DUMMY GLOW PLUG GROUP	285
NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS		

7N3381 ENGINE ARRANGEMENT—Part 2

Precombustion Chambered Turbocharged Aftercooled—60 hertz Generator Set—
3 Percent Governor Regulation. NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT
NUMBER AND SERIAL NUMBER

CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:

PAGE

CENTRAL STRUCTURE

1	2P6560	CYLINDER BLOCK GROUP	39
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8016	CYLINDER BLOCK GROUP	38A
		SERIAL No. 66D32187--UP	
1	2P6517	CYLINDER BLOCK COVER GROUP	40
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N1292	CYLINDER BLOCK COVER GROUP	40A
		SERIAL No. 66D32187--UP	
1	2P6222	CRANKSHAFT GROUP	41
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	6N8079	CRANKSHAFT GROUP	40A
		SERIAL No. 66D32187--UP	
1	2P6224	CRANKSHAFT SEAL GROUP	42
6	9N1291	CONNECTING ROD AND PISTON GROUP	44
1	2P6202	CAMSHAFT GROUP	43

UPPER STRUCTURE

1	9N2382	CYLINDER HEAD GROUP	47
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	9N3561	CYLINDER HEAD GROUP	47A-2
		SERIAL No. 66D32187--UP	
1	2P6546	CYLINDER HEAD FASTENER GROUP	48
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N9536	CYLINDER HEAD FASTENER GROUP	47B
		SERIAL No. 66D32187--UP	
1	2P6526	VALVE MECHANISM GROUP	51
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8026	VALVE MECHANISM GROUP	50A
		SERIAL No. 66D32187--UP	
1	3N2891	VALVE MECHANISM COVER GROUP	51
1	6N8336	ENGINE LIFTING GROUP	50
	- OR -	SERIAL No. 66D26832 TO 66D29142 INCLUSIVE	
1	8N3286	ENGINE LIFTING GROUP	50A
		SERIAL No. 66D29143--UP	

FRONT STRUCTURE

1	2P9641	FRONT HOUSING GROUP	52
1	3N4923	FRONT HOUSING COVER GROUP	53
1	3N2887	FRONT HOUSING FASTENER GROUP	54
1	2P9642	FRONT TIMING GEAR GROUP	55
1	3N2886	SEAL ADAPTER GROUP	56
1	3N3274	PULLEY GROUP	57
1	3N2883	ENGINE SUPPORT GROUP	71
1	3N2885	DAMPER GROUP	64

7N3382 ENGINE ARRANGEMENT—Part 1

Precombustion Chambered Turbocharged Aftercooled—60 hertz Generator Set—Marine Auxiliary. NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT AND SERIAL

ENGINE ARRANGEMENT

11

CONSISTS OF:	PAGE
<u>REAR STRUCTURE</u>	
1 7N1747 FLYWHEEL HOUSING GROUP	79
- OR - SERIAL No. 66D26832 TO 66D35077 INCLUSIVE	
1 8N2395 FLYWHEEL HOUSING GROUP	79A-1
SERIAL No. 66D35078--UP	
1 7N3496 FLYWHEEL GROUP	74
<u>LOWER STRUCTURE</u>	
1 3N2899 OIL PAN GROUP	81
<u>LUBRICATION SYSTEM</u>	
1 2P1784 ENGINE OIL PUMP GROUP	83
1 2P6105 ENGINE OIL LINES GROUP	85
1 2P6475 OIL FILTER GROUP	83
1 2P6855 OIL FILLER GROUP	88
1 1P4244 BREATHER GROUP	90
1 3N2898 OIL LEVEL GAUGE GROUP	86
<u>COOLING SYSTEM</u>	
1 3N2850 WATER PUMP GROUP	111
- OR - SERIAL No. 66D26832 TO 66D35077 INCLUSIVE	
1 7N6208 WATER PUMP GROUP	111C
SERIAL No. 66D35078--UP	
1 9N1246 WATER LINES GROUP	105
- OR - SERIAL No. 66D26832 TO 66D35077 INCLUSIVE	
1 7N6587 WATER LINES GROUP	106A
SERIAL No. 66D35078--UP	
1 9N1245 WATER LINES GROUP--ELBOW	106
1 2P7738 ENGINE OIL COOLER GROUP	117
1 6N8492 WATER LINES GROUP--AFTERCOOLER	166
<u>INTAKE AND EXHAUST SYSTEM</u>	
1 6N5959 EXHAUST MANIFOLD GROUP	131
1 6N5961 TURBOCHARGER GROUP	144
1 4N7122 TURBOCHARGER OIL LINES GROUP	159
- OR - SERIAL No. 66D26832 TO 66D35077 INCLUSIVE	
1 8N4572 TURBOCHARGER OIL LINES GROUP	160A
SERIAL No. 66D35078--UP	
1 6N9317 AIR LINES GROUP	170A
1 6N5960 AFTERCOOLER GROUP	162
<u>FUEL SYSTEM AND GOVERNOR</u>	
1 1P2299 FUEL FILTER ASSEMBLY	240
1 4N4314 FUEL PRIMING PUMP GROUP	238
1 7N1780 GOVERNOR AND FUEL INJECTION PUMP GROUP ..	182
1 7N3987 FUEL INJECTION LINES GROUP	235
1 9N3273 DRAIN LINES GROUP	239
<u>ELECTRICAL SYSTEM</u>	
3 3N3892 DUMMY GLOW PLUG GROUP	285

NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS

CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:

PAGE

CENTRAL STRUCTURE

1	2P6560	CYLINDER BLOCK GROUP	39
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8016	CYLINDER BLOCK GROUP	38A
		SERIAL No. 66D32187--Up	
1	2P6517	CYLINDER BLOCK COVER GROUP	40
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N1292	CYLINDER BLOCK COVER GROUP	40A
		SERIAL No. 66D32187--Up	
1	2P6222	CRANKSHAFT GROUP	41
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	6N8079	CRANKSHAFT GROUP	40A
		SERIAL No. 66D32187--Up	
1	2P6224	CRANKSHAFT SEAL GROUP	42
6	2P6272	CONNECTING ROD AND PISTON GROUP	44
1	2P6202	CAMSHAFT GROUP	43

UPPER STRUCTURE

1	3N3916	CYLINDER HEAD GROUP	46
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	6N8103	CYLINDER HEAD GROUP	47A-1
		SERIAL No. 66D32187--Up	
1	2P6530	CYLINDER HEAD COVER GROUP	49
1	2P6546	CYLINDER HEAD FASTENER GROUP	48
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N9536	CYLINDER HEAD FASTENER GROUP	47B
		SERIAL No. 66D32187--Up	
1	2P6526	VALVE MECHANISM GROUP	51
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8026	VALVE MECHANISM GROUP	50A
		SERIAL No. 66D32187--Up	
1	3N2891	VALVE MECHANISM COVER GROUP	51
1	6N8336	ENGINE LIFTING GROUP	50
	- OR -	SERIAL No. 66D26832 TO 66D29142 INCLUSIVE	
1	8N3286	ENGINE LIFTING GROUP	50A
		SERIAL No. 66D29143--Up	

FRONT STRUCTURE

1	2P9641	FRONT HOUSING GROUP	52
1	3N4923	FRONT HOUSING COVER GROUP	53
1	3N2887	FRONT HOUSING FASTENER GROUP	54
1	2P9642	FRONT TIMING GEAR GROUP	55
1	3N2886	SEAL ADAPTER GROUP	56
1	3N3274	PULLEY GROUP	57
1	3N2883	ENGINE SUPPORT GROUP	71
1	3N2885	DAMPER GROUP	64

7N3383 ENGINE ARRANGEMENT—Part 1

Precombustion Chambered Turbocharged—60 hertz Generator Set—Marine Auxiliary

NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT NUMBER AND SERIAL

NUMBER

ENGINE

CONSISTS OF:	PAGE
<u>REAR STRUCTURE</u>	
1 7N1747 FLYWHEEL HOUSING GROUP	79
- OR - SERIAL No. 66D26832 TO 66D35077 INCLUSIVE	
1 8N2395 FLYWHEEL HOUSING GROUP	79A-1
SERIAL No. 66D35078--UP	
1 7N3496 FLYWHEEL GROUP	74
<u>LOWER STRUCTURE</u>	
1 3N2899 OIL PAN GROUP	81
<u>LUBRICATION SYSTEM</u>	
1 2P1784 ENGINE OIL PUMP GROUP	83
1 2P6105 ENGINE OIL LINES GROUP	85
1 2P6475 OIL FILTER GROUP	83
1 2P6855 OIL FILLER GROUP	88
1 1P4244 BREATHER GROUP	90
1 3N2898 OIL LEVEL GAUGE GROUP	86
<u>COOLING SYSTEM</u>	
1 3N2850 WATER PUMP GROUP	111
- OR - SERIAL No. 66D26832 TO 66D35077 INCLUSIVE	
1 7N6208 WATER PUMP GROUP	111C
SERIAL No. 66D35078--UP	
1 3N3914 WATER LINES GROUP	104
- OR - SERIAL No. 66D26832 TO 66D35077 INCLUSIVE	
1 8N713 WATER LINES GROUP	106A
SERIAL No. 66D35078--UP	
1 2P7728 WATER LINES GROUP--ELBOW	106
1 2P7738 ENGINE OIL COOLER GROUP	117
<u>INTAKE AND EXHAUST SYSTEM</u>	
1 3N3273 EXHAUST MANIFOLD GROUP	132
- OR - SERIAL No. 66D26832 TO 66D35027 INCLUSIVE	
1 8N859 EXHAUST MANIFOLD GROUP	133B
SERIAL No. 66D35028--UP	
1 3N3280 TURBOCHARGER GROUP	148
1 4N7122 TURBOCHARGER OIL LINES GROUP	159
- OR - SERIAL No. 66D26832 TO 66D35077 INCLUSIVE	
1 8N4572 TURBOCHARGER OIL LINES GROUP	160A
SERIAL No. 66D35078--UP	
1 7N5455 AIR LINES GROUP	170A
<u>FUEL SYSTEM AND GOVERNOR</u>	
1 1P2299 FUEL FILTER ASSEMBLY	240
1 4N4314 FUEL PRIMING PUMP GROUP	238
1 7N1780 GOVERNOR AND FUEL INJECTION PUMP GROUP .	182
1 7N3987 FUEL INJECTION LINES GROUP	235
1 9N3273 DRAIN LINES GROUP	239
<u>ELECTRICAL SYSTEM</u>	
3 3N3892 DUMMY GLOW PLUG GROUP	285
NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS	

7N3383 ENGINE ARRANGEMENT--Part 2
 Precombustion Chambered Turbocharged--60 hertz--Generator Set--Marine Aux
 NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT NUMBER AND
 SERIAL NUMBER

CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:		PAGE
<u>CENTRAL STRUCTURE</u>		
1	2P6560 CYLINDER BLOCK GROUP	39
	- OR - SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8016 CYLINDER BLOCK GROUP	39A
	SERIAL No. 66D32187--Up	
1	2P6517 CYLINDER BLOCK COVER GROUP	40
	- OR - SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N1292 CYLINDER BLOCK COVER GROUP	40A
	SERIAL No. 66D32187--Up	
1	2P6222 CRANKSHAFT GROUP	41
	- OR - SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	6N8079 CRANKSHAFT GROUP	40A
	SERIAL No. 66D32187--Up	
1	2P6224 CRANKSHAFT SEAL GROUP	42
6	2P6272 CONNECTING ROD AND PISTON GROUP	44
1	2P6202 CAMSHAFT GROUP	43
<u>UPPER STRUCTURE</u>		
1	3N3916 CYLINDER HEAD GROUP	46
	- OR - SERIAL No. 66D26832 TO 66D29462 INCLUSIVE	
1	8N4393 CYLINDER HEAD GROUP	46A
	- OR - SERIAL No. 66D29463 TO 66D32186 INCLUSIVE	
1	6N8103 CYLINDER HEAD GROUP	47A-1
	SERIAL No. 66D32187--Up	
1	2P6530 CYLINDER HEAD COVER GROUP	49
1	2P6546 CYLINDER HEAD FASTENER GROUP	48
	- OR - SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N9536 CYLINDER HEAD FASTENER GROUP	47B
	SERIAL No. 66D32187--Up	
1	2P6526 VALVE MECHANISM GROUP	51
	- OR - SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8026 VALVE MECHANISM GROUP	50A
	SERIAL No. 66D32187--Up	
1	3N2891 VALVE MECHANISM COVER GROUP	51
1	6N8336 ENGINE LIFTING GROUP	50
	- OR - SERIAL No. 66D26832 TO 66D29142 INCLUSIVE	
1	8N3286 ENGINE LIFTING GROUP	50A
	SERIAL No. 66D29143--Up	
<u>FRONT STRUCTURE</u>		
1	2P9641 FRONT HOUSING GROUP	52
1	2P6528 FRONT HOUSING COVER GROUP	52A
1	3N2887 FRONT HOUSING FASTENER GROUP	54
1	2P9642 FRONT TIMING GEAR GROUP	55
1	3N2886 SEAL ADAPTER GROUP	56
1	3N2884 PULLEY GROUP	57
1	3N2883 ENGINE SUPPORT GROUP	71
1	3N2885 DAMPER GROUP	64

7N3384 ENGINE ARRANGEMENT--Part 1

Precombustion Chambered Turbocharged--50 hertz Generator Set--3 Percent Governor Regulation. NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT NUMBER AND SERIAL NUMBER

ENGINE ARRANGEMENT

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CONSISTS OF:		PAGE
<u>REAR STRUCTURE</u>		
1	7N1747 FLYWHEEL HOUSING GROUP	79
	- OR - SERIAL No. 66D26832 TO 66D35077 INCLUSIVE	
1	8N2395 FLYWHEEL HOUSING GROUP	79A-1
	SERIAL No. 66D35078--UP	
1	7N3496 FLYWHEEL GROUP	74
<u>LOWER STRUCTURE</u>		
1	3N2899 OIL PAN GROUP	81
<u>LUBRICATION SYSTEM</u>		
1	2P1784 ENGINE OIL PUMP GROUP	83
1	2P6105 ENGINE OIL LINES GROUP	85
1	2P6475 OIL FILTER GROUP	83
1	2P6855 OIL FILLER GROUP	88
1	1P4244 BREATHER GROUP	90
1	3N2898 OIL LEVEL GAUGE GROUP	86
<u>COOLING SYSTEM</u>		
1	2P662 WATER PUMP GROUP	109
	- OR - SERIAL No. 66D26832 TO 66D34110 INCLUSIVE	
1	7N5909 WATER PUMP GROUP	108A
	SERIAL No. 66D34111--UP	
1	2P7730 WATER LINES GROUP	105
	- OR - SERIAL No. 66D26832 TO 66D34110 INCLUSIVE	
1	7N9905 WATER LINES GROUP	105A
	SERIAL No. 66D34111--UP	
1	2P7728 WATER LINES GROUP--ELBOW	106
1	2P7738 ENGINE OIL COOLER GROUP	117
<u>INTAKE AND EXHAUST SYSTEM</u>		
1	3N2888 EXHAUST MANIFOLD GROUP	130
1	6N9296 TURBOCHARGER GROUP	145
1	4N7122 TURBOCHARGER OIL LINES GROUP	159
	- OR - SERIAL No. 66D26832 TO 66D35077 INCLUSIVE	
1	8N4572 TURBOCHARGER OIL LINES GROUP	160A
	SERIAL No. 66D35078--UP	
1	3N2880 AIR LINES GROUP	170
<u>FUEL SYSTEM AND GOVERNOR</u>		
1	1P2299 FUEL FILTER ASSEMBLY	240
1	4N4314 FUEL PRIMING PUMP GROUP	238
1	7N6439 GOVERNOR AND FUEL INJECTION PUMP GROUP	183
1	7N7145 FUEL INJECTION LINES GROUP	234
1	9N3273 DRAIN LINES GROUP	239
6	7N7125 FUEL INJECTION VALVE GROUP	238
<u>ELECTRICAL SYSTEM</u>		
3	3N3892 DUMMY GLOW PLUG GROUP	285

NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS

7N3384 ENGINE ARRANGEMENT--Part 2

Precombustion Chambered Turbocharged--50 hertz Generator Set--3 Percent Governor Regulation. NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT NUMBER AND SERIAL NUMBER

CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:

PAGE

CENTRAL STRUCTURE

1	2P6560	CYLINDER BLOCK GROUP	39
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8016	CYLINDER BLOCK GROUP	38A
		SERIAL No. 66D32187--UP	
1	2P6517	CYLINDER BLOCK COVER GROUP	40
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N1292	CYLINDER BLOCK COVER GROUP	40A
		SERIAL No. 66D32187--UP	
1	2P6222	CRANKSHAFT GROUP	41
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	6N8079	CRANKSHAFT GROUP	40A
		SERIAL No. 66D32187--UP	
1	2P6224	CRANKSHAFT SEAL GROUP	42
6	2P6272	CONNECTING ROD AND PISTON GROUP	44
1	2P6202	CAMSHAFT GROUP	43

UPPER STRUCTURE

1	3N3916	CYLINDER HEAD GROUP	46
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	6N8103	CYLINDER HEAD GROUP	47A-1
		SERIAL No. 66D32187--UP	
1	2P6530	CYLINDER HEAD COVER GROUP	49
1	2P6546	CYLINDER HEAD FASTENER GROUP	48
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N9536	CYLINDER HEAD FASTENER GROUP	47B
		SERIAL No. 66D32187--UP	
1	2P6526	VALVE MECHANISM GROUP	51
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8026	VALVE MECHANISM GROUP	50A
		SERIAL No. 66D32187--UP	
1	3N2891	VALVE MECHANISM COVER GROUP	51
1	6N8336	ENGINE LIFTING GROUP	50
	- OR -	SERIAL No. 66D26832 TO 66D29142 INCLUSIVE	
1	8N3286	ENGINE LIFTING GROUP	50A
		SERIAL No. 66D29143--UP	

FRONT STRUCTURE

1	2P9641	FRONT HOUSING GROUP	52
1	2P6528	FRONT HOUSING COVER GROUP	52A
1	3N2887	FRONT HOUSING FASTENER GROUP	54
1	2P9642	FRONT TIMING GEAR GROUP	55
1	3N2886	SEAL ADAPTER GROUP	56
1	3N2884	PULLEY GROUP	57
1	3N2883	ENGINE SUPPORT GROUP	71
1	3N2885	DAMPER GROUP	64

7N3385 ENGINE ARRANGEMENT—Part 1

Precombustion Chambered Turbocharged—50 hertz Generator Set—Marine Auxiliary
 NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT NUMBER AND

ENGINE ARRANGEMENT

CONSISTS OF:	PAGE
<u>REAR STRUCTURE</u>	
1 7N1747 FLYWHEEL HOUSING GROUP	79
1 - OR - SERIAL No. 66D26832 TO 66D35077 INCLUSIVE	
1 8N2395 FLYWHEEL HOUSING GROUP	79A-1
1 SERIAL No. 66D35078--UP	
1 7N3496 FLYWHEEL GROUP	74
<u>LOWER STRUCTURE</u>	
1 3N2899 OIL PAN GROUP	81
<u>LUBRICATION SYSTEM</u>	
1 2P1784 ENGINE OIL PUMP GROUP	83
1 2P6105 ENGINE OIL LINES GROUP	85
1 2P6475 OIL FILTER GROUP	83
1 2P6855 OIL FILLER GROUP	88
1 1P4244 BREATHER GROUP	90
1 3N2898 OIL LEVEL GAUGE GROUP	86
<u>COOLING SYSTEM</u>	
1 2P662 WATER PUMP GROUP	109
1 - OR - SERIAL No. 66D26832 TO 66D34110 INCLUSIVE	
1 7N5909 WATER PUMP GROUP	108A
1 SERIAL No. 66D34111--UP	
1 2P7730 WATER LINES GROUP	105
1 - OR - SERIAL No. 66D26832 TO 66D34110 INCLUSIVE	
1 7N9905 WATER LINES GROUP	105A
1 SERIAL No. 66D34111--UP	
1 2P7728 WATER LINES GROUP--ELBOW	106
1 2P7738 ENGINE OIL COOLER GROUP	117
<u>INTAKE AND EXHAUST SYSTEM</u>	
1 3N2888 EXHAUST MANIFOLD GROUP	130
1 6N9296 TURBOCHARGER GROUP	145
1 4N7122 TURBOCHARGER OIL LINES GROUP	159
1 - OR - SERIAL No. 66D26832 TO 66D35077 INCLUSIVE	
1 8N4572 TURBOCHARGER OIL LINES GROUP	160A
1 SERIAL No. 66D35078--UP	
1 3N2880 AIR LINES GROUP	170
<u>FUEL SYSTEM AND GOVERNOR</u>	
1 1P2299 FUEL FILTER ASSEMBLY	240
1 4N4314 FUEL PRIMING PUMP GROUP	238
1 7N6439 GOVERNOR AND FUEL INJECTION PUMP GROUP .	183
1 7N7145 FUEL INJECTION LINES GROUP	234
1 9N3273 DRAIN LINES GROUP	239
6 7N7125 FUEL INJECTION VALVE GROUP	238
<u>ELECTRICAL SYSTEM</u>	
3 3N3892 DUMMY GLOW PLUG GROUP	285

NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS

7N3385 ENGINE ARRANGEMENT—Part 2

Precombustion Chambered Turbocharged—50 hertz Generator Set—Marine Auxiliary

NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT NUMBER AND SERIAL
NUMBER

CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:

PAGE

CENTRAL STRUCTURE

1	2P6560	CYLINDER BLOCK GROUP	39
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8016	CYLINDER BLOCK GROUP	38A
		SERIAL No. 66D32187--UP	
1	2P6517	CYLINDER BLOCK COVER GROUP	40
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N1292	CYLINDER BLOCK COVER GROUP	40A
		SERIAL No. 66D32187--UP	
1	2P6222	CRANKSHAFT GROUP	41
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	6N8079	CRANKSHAFT GROUP	40A
		SERIAL No. 66D32187--UP	
1	2P6224	CRANKSHAFT SEAL GROUP	42
6	2P6272	CONNECTING ROD AND PISTON GROUP	44
1	2P6202	CAMSHAFT GROUP	43

UPPER STRUCTURE

1	3N3916	CYLINDER HEAD GROUP	46
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	6N8103	CYLINDER HEAD GROUP	47A-1
		SERIAL No. 66D32187--UP	
1	2P6530	CYLINDER HEAD COVER GROUP	49
1	2P6546	CYLINDER HEAD FASTENER GROUP	48
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N9536	CYLINDER HEAD FASTENER GROUP	47B
		SERIAL No. 66D32187--UP	
1	2P6526	VALVE MECHANISM GROUP	51
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8026	VALVE MECHANISM GROUP	50A
		SERIAL No. 66D32187--UP	
1	3N2891	VALVE MECHANISM COVER GROUP	51
1	6N8326	ENGINE LIFTING GROUP	50

FRONT STRUCTURE

1	2P9641	FRONT HOUSING GROUP	52
1	2P6528	FRONT HOUSING COVER GROUP	52A
1	3N2887	FRONT HOUSING FASTENER GROUP	54
1	2P9642	FRONT TIMING GEAR GROUP	55
1	3N2884	PULLEY GROUP	57
1	3N2886	SEAL ADAPTER GROUP	56
1	7N744	ENGINE SUPPORT GROUP	71
1	3N2885	DAMPER GROUP	64

7N3386 ENGINE ARRANGEMENT—Part 1

Precombustion Chambered Turbocharged—Mobile. NOTE: WHEN ORDERING PARTS
GIVE ARRANGEMENT NUMBER AND SERIAL NUMBER

ENGINE ARRANGEMENT

1

	CONSISTS OF:	PAGE
<u>REAR STRUCTURE</u>		
1	7N1747 FLYWHEEL HOUSING GROUP	79
	- OR - SERIAL No. 66D26832 TO 66D35077 INCLUSIVE	
1	8N2395 FLYWHEEL HOUSING GROUP	79A-1
	SERIAL No. 66D35078--UP	
1	7N3496 FLYWHEEL GROUP	74
<u>LOWER STRUCTURE</u>		
1	3N2899 OIL PAN GROUP	81
<u>LUBRICATION SYSTEM</u>		
1	2P1784 ENGINE OIL PUMP GROUP	83
1	2P6105 ENGINE OIL LINES GROUP	85
1	2P6475 OIL FILTER GROUP	83
1	2P6855 OIL FILLER GROUP	88
1	1P4244 BREATHER GROUP	90
1	3N2898 OIL LEVEL GAUGE GROUP	86
<u>COOLING SYSTEM</u>		
1	2P662 WATER PUMP GROUP	109
	- OR - SERIAL No. 66D26832 TO 66D33311 INCLUSIVE	
1	7N5909 WATER PUMP GROUP	108A
	SERIAL No. 66D33312--UP	
1	2P7730 WATER LINES GROUP	105
	- OR - SERIAL No. 66D26832 TO 66D33311 INCLUSIVE	
1	7N9905 WATER LINES GROUP	105A
	SERIAL No. 66D33312--UP	
1	2P7728 WATER LINES GROUP--ELBOW	106
1	2P7738 ENGINE OIL COOLER GROUP	117
<u>INTAKE AND EXHAUST SYSTEM</u>		
1	2P6574 EXHAUST MANIFOLD GROUP	129
1	8S8200 TURBOCHARGER GROUP	148
1	6N1305 TURBOCHARGER OIL LINES GROUP	159
1	7N3624 AIR LINES GROUP	170B
1	4N9586 MANIFOLD FASTENER GROUP	136
<u>FUEL SYSTEM AND GOVERNOR</u>		
1	1P2299 FUEL FILTER ASSEMBLY	240
1	4N4314 FUEL PRIMING PUMP GROUP	238
1	6N6214 GOVERNOR AND FUEL INJECTION PUMP GROUP .	185
1	7N5588 FUEL INJECTION LINES GROUP	236
1	9N3273 DRAIN LINES GROUP	239
<u>ELECTRICAL SYSTEM</u>		
3	3N3892 DUMMY GLOW PLUG GROUP	285

NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS

20 CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:

PAGE

CENTRAL STRUCTURE

1	2P6560	CYLINDER BLOCK GROUP	39
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8016	CYLINDER BLOCK GROUP	38A
		SERIAL No. 66D32187--UP	
1	2P6517	CYLINDER BLOCK COVER GROUP	40
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N1292	CYLINDER BLOCK COVER GROUP	40A
		SERIAL No. 66D32187--UP	
1	2P6222	CRANKSHAFT GROUP	41
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	6N3079	CRANKSHAFT GROUP	40A
		SERIAL No. 66D32187--UP	
1	2P6224	CRANKSHAFT SEAL GROUP	42
6	9N1291	CONNECTING ROD AND PISTON GROUP	44
1	2P6202	CAMSHAFT GROUP	43

UPPER STRUCTURE

1	9N2382	CYLINDER HEAD GROUP	47
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	9N3561	CYLINDER HEAD GROUP	47A-2
		SERIAL No. 66D32187--UP	
1	2P6530	CYLINDER HEAD COVER GROUP	49
1	2P6546	CYLINDER HEAD FASTENER GROUP	48
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N9526	CYLINDER HEAD FASTENER GROUP	47B
		SERIAL No. 66D32187--UP	
1	2P6526	VALVE MECHANISM GROUP	51
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8026	VALVE MECHANISM GROUP	50A
		SERIAL No. 66D32187--UP	
1	3N2891	VALVE MECHANISM COVER GROUP	51
1	6N8336	ENGINE LIFTING GROUP	50
	- OR -	SERIAL No. 66D26832 TO 66D29142 INCLUSIVE	
1	8N3286	ENGINE LIFTING GROUP	50A
		SERIAL No. 66D29143--UP	

FRONT STRUCTURE

1	2P9641	FRONT HOUSING GROUP	52
1	2P6528	FRONT HOUSING COVER GROUP	52A
1	3N2887	FRONT HOUSING FASTENER GROUP	54
1	9L6675	FRONT TIMING GEAR GROUP	55
1	3N2886	SEAL ADAPTER GROUP	56
1	3N2883	ENGINE SUPPORT GROUP	71
1	3N2884	PULLEY GROUP	57
1	3N2885	DAMPER GROUP	64

7N3387 ENGINE ARRANGEMENT—Part 1

Precombustion Chambered Turbocharged Aftercooled—Industrial. NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT NUMBER AND SERIAL NUMBER

CONSISTS OF:

PAGE

REAR STRUCTURE

1	7N1747	FLYWHEEL HOUSING GROUP	79
	- OR -	SERIAL No. 66D26832 TO 66D35077 INCLUSIVE	
1	8N2395	FLYWHEEL HOUSING GROUP	79A-1
		SERIAL No. 66D35078--UP	
1	7N3496	FLYWHEEL GROUP	74

LOWER STRUCTURE

1	3N2899	OIL PAN GROUP	81
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LUBRICATION SYSTEM

1	2P1784	ENGINE OIL PUMP GROUP	83
1	2P6105	ENGINE OIL LINES GROUP	85
1	2P6475	OIL FILTER GROUP	83
1	2P6855	OIL FILLER GROUP	88
1	1P4244	BREATHING GROUP	90
1	3N2898	OIL LEVEL GAUGE GROUP	86

COOLING SYSTEM

1	2P662	WATER PUMP GROUP	109
	- OR -	SERIAL No. 66D26832 TO 66D33233 INCLUSIVE	
1	7N5909	WATER PUMP GROUP	108A
		SERIAL No. 66D33234--UP	
1	9N1246	WATER LINES GROUP	105
	- OR -	SERIAL No. 66D26832 TO 66D33233 INCLUSIVE	
1	7N6587	WATER LINES GROUP	106A
		SERIAL No. 66D33234--UP	
1	9N1245	WATER LINES GROUP--ELBOW	106
1	2P7738	ENGINE OIL COOLER GROUP	117
1	6N8492	WATER LINES GROUP--AFTERCOOLER	166

INTAKE AND EXHAUST SYSTEM

1	3N2888	EXHAUST MANIFOLD GROUP	130
1	6N3744	TURBOCHARGER GROUP	144
1	4N7122	TURBOCHARGER OIL LINES GROUP	159
	- OR -	SERIAL No. 66D26832 TO 66D35077 INCLUSIVE	
1	8N4572	TURBOCHARGER OIL LINES GROUP	160A
		SERIAL No. 66D35078--UP	
1	6N9317	AIR LINES GROUP	170A
1	6N3745	AFTERCOOLER GROUP	161

FUEL SYSTEM AND GOVERNOR

1	1P2299	FUEL FILTER ASSEMBLY	240
1	4N4314	FUEL PRIMING PUMP GROUP	238
1	6N3688	GOVERNOR AND FUEL INJECTION PUMP GROUP	183
1	7N7145	FUEL INJECTION LINES GROUP	234
1	9N3273	DRAIN LINES GROUP	239
6	7N7125	FUEL INJECTION VALVE GROUP	238

ELECTRICAL SYSTEM

3	3N3892	DUMMY GLOW PLUG GROUP	285
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NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS

7N3387 ENGINE ARRANGEMENT--Part 2

Precombustion Chambered Turbocharged Aftercooled--Industrial

NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT NUMBER AND SERIAL NUMBER

CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:

PAGE

CENTRAL STRUCTURE

1	2P6560	CYLINDER BLOCK GROUP.....	39
1	2P6256	CYLINDER BLOCK COVER GROUP.....	40
1	2P6222	CRANKSHAFT GROUP.....	41
1	2P6224	CRANKSHAFT SEAL GROUP.....	42
6	9N1291	CONNECTING ROD & PISTON GROUP.....	44
1	2P6202	CAMSHAFT GROUP.....	43

UPPER STRUCTURE

1	3N3916	CYLINDER HEAD GROUP.....	46
1	2P6530	CYLINDER HEAD COVER GROUP.....	49
1	2P6546	CYLINDER HEAD FASTENER GROUP.....	48
1	2P6526	VALVE MECHANISM GROUP.....	51
1	3N2891	VALVE MECHANISM COVER GROUP.....	51
1	6N8326	ENGINE LIFTING GROUP.....	50

FRONT STRUCTURE

1	2P9641	FRONT HOUSING GROUP	52
1	2P6528	FRONT HOUSING COVER GROUP	52A
1	3N2887	FRONT HOUSING FASTENER GROUP.....	54
1	2P9642	FRONT TIMING GEAR GROUP.....	55
1	6N6703	FAN PULLEY GROUP.....	59
1	7N744	ENGINE SUPPORT GROUP.....	71
1	3N2885	DAMPER GROUP.....	64
1	3N7397	FAN DRIVE GROUP.....	67
1	3N2884	PULLEY GROUP.....	57
1	3N2886	SEAL ADAPTER GROUP.....	56
1	3N5659	FAN ADAPTER GROUP.....	70

REAR STRUCTURE

1	6N5233	FLYWHEEL HOUSING GROUP.....	78
1	9L4360	FLYWHEEL GROUP.....	75

LOWER STRUCTURE

1	3N2899	OIL PAN GROUP.....	81
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CONSISTS OF:

PAGE

LUBRICATION SYSTEM

1	2P1784	ENGINE OIL PUMP GROUP	83
1	2P6105	ENGINE OIL LINES GROUP	85
1	2P6475	OIL FILTER GROUP	83
1	2P6855	OIL FILLER GROUP	88
1	1P4244	BREATHER GROUP	90
1	3N3392	FUMES DISPOSAL GROUP	89

COOLING SYSTEM

1	2P662	WATER PUMP GROUP	109
1	2P7730	WATER LINES GROUP	109
1	3N3271	HOUSING AND REGULATOR GROUP	111
1	2P7728	WATER LINES GROUP--ELBOW	109
1	2P7738	ENGINE OIL COOLER GROUP	11

INTAKE AND EXHAUST SYSTEM

1	2P6574	EXHAUST MANIFOLD GROUP	12
1	8S8200	TURBOCHARGER GROUP	14
1	6N1305	TURBOCHARGER OIL LINES GROUP	15
1	7N3624	AIR LINES GROUP	170
1	4N9586	MANIFOLD FASTENER GROUP	13
1	3N5870	EXHAUST ADAPTER GROUP	13
1	5L7661	EXHAUST ELBOW GROUP	13

FUEL SYSTEM AND GOVERNOR

1	1P2299	FUEL FILTER ASSEMBLY	2
1	4N4314	FUEL PRIMING PUMP GROUP	2
1	7N5588	FUEL INJECTION LINES GROUP	2
1	7N5303	GOVERNOR AND FUEL INJECTION PUMP GROUP	1
1	9N3273	DRAIN LINES GROUP	2
1	9L5867	TACHOMETER DRIVE GROUP	3

ELECTRICAL SYSTEM

3	6N981	GLOW PLUG GROUP	7
1	6N6874	ELECTRICAL SHUT-OFF GROUP	7
1	6N9479	GLOW PLUG MOUNTING GROUP	7

NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS

7N3388 ENGINE ARRANGEMENT--Part 2

Precombustion Chambered Turbocharged for Steiger Tractor Co. NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT NUMBER AND SERIAL NUMBER

4 CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:		PAGE
<u>CENTRAL STRUCTURE</u>		
1	2P6560 CYLINDER BLOCK GROUP	39
- OR -	SERIAL NO. 66D26832 TO 66D32135 INCLUSIVE	
1	7N8016 CYLINDER BLOCK GROUP	38A
	SERIAL NO. 66D32136--UP	
1	2P6256 CYLINDER BLOCK COVER GROUP	40
- OR -	SERIAL NO. 66D26832 TO 66D32135 INCLUSIVE	
1	8N3163 CYLINDER BLOCK COVER GROUP	40B
	SERIAL NO. 66D32136--UP	
1	2P6222 CRANKSHAFT GROUP	41
- OR -	SERIAL NO. 66D26832 TO 66D32135 INCLUSIVE	
1	6N8079 CRANKSHAFT GROUP	40A
	SERIAL NO. 66D32136--UP	
1	2P6224 CRANKSHAFT SEAL GROUP	42
6	9N1291 CONNECTING ROD AND PISTON GROUP	44
1	2P6202 CAMSHAFT GROUP	43
<u>UPPER STRUCTURE</u>		
1	9N2382 CYLINDER HEAD GROUP	47
- OR -	SERIAL NO. 66D26832 TO 66D32135 INCLUSIVE	
1	9N3561 CYLINDER HEAD GROUP	47A-2
	SERIAL NO. 66D32136--UP	
1	2P6546 CYLINDER HEAD FASTENER GROUP	48
- OR -	SERIAL NO. 66D26832 TO 66D32135 INCLUSIVE	
1	7N9536 CYLINDER HEAD FASTENER GROUP	47B
	SERIAL NO. 66D32136--UP	
1	2P6526 VALVE MECHANISM GROUP	51
- OR -	SERIAL NO. 66D26832 TO 66D32135 INCLUSIVE	
1	7N8026 VALVE MECHANISM GROUP	50A
	SERIAL NO. 66D32136--UP	
1	3N2891 VALVE MECHANISM COVER GROUP	51
1	6N8326 ENGINE LIFTING GROUP	50
<u>FRONT STRUCTURE</u>		
1	2P9641 FRONT HOUSING GROUP	52
1	2P6528 FRONT HOUSING COVER GROUP	52A
1	3N2887 FRONT HOUSING FASTENER GROUP	54
1	9L6675 FRONT TIMING GEAR GROUP	55
1	6N6703 FAN PULLEY GROUP	59
1	7N744 ENGINE SUPPORT GROUP	71
1	3N2885 DAMPER GROUP	64
1	3N7397 FAN DRIVE GROUP	67
1	3N2884 PULLEY GROUP	57
1	3N2886 SEAL ADAPTER GROUP	56
1	3N5659 FAN ADAPTER GROUP	70

7N3389 ENGINE ARRANGEMENT—Part 1

Precombustion Chambered Turbocharged Aftercooled for Steiger Tractor Co. NOTE:
WHEN ORDERING PARTS GIVE ARRANGEMENT NUMBER AND SERIAL NUMBER

CONSISTS OF:		PAGE
<u>REAR STRUCTURE</u>		
1	6N5233 FLYWHEEL HOUSING GROUP	78
1	9L4380 FLYWHEEL GROUP	75
<u>LOWER STRUCTURE</u>		
1	3N2899 OIL PAN GROUP	81
<u>LUBRICATION SYSTEM</u>		
1	2P1784 ENGINE OIL PUMP GROUP	83
1	2P6105 ENGINE OIL LINES GROUP	85
1	2P6475 OIL FILTER GROUP	83
1	2P6855 OIL FILLER GROUP	88
1	1P4244 BREATHER GROUP	90
1	3N3392 FUMES DISPOSAL GROUP	89
1	3N2898 OIL LEVEL GAUGE GROUP	86
<u>COOLING SYSTEM</u>		
1	2P662 WATER PUMP GROUP	109
	SERIAL No. 66D26832 TO 66D33233 INCLUSIVE	
	- OR -	
1	7N5909 WATER PUMP GROUP	108A
	SERIAL No. 66D33234--UP	
1	9N1246 WATER LINES GROUP	105
	SERIAL No. 66D26832 TO 66D33233 INCLUSIVE	
	- OR -	
1	7N6587 WATER LINES GROUP	106A
	SERIAL No. 66D33234--UP	
1	3N3271 HOUSING AND REGULATOR GROUP	115
	SERIAL No. 66D26832 TO 66D33233 INCLUSIVE	
	- OR -	
1	8N889 HOUSING AND REGULATOR GROUP	116A
	SERIAL No. 66D33234--UP	
1	9N1245 WATER LINES GROUP--ELBOW	106
1	2P7738 ENGINE OIL COOLER GROUP	117
1	6N8492 WATER LINES GROUP--AFTERCOOLER	166
<u>INTAKE AND EXHAUST SYSTEM</u>		
1	2P6574 EXHAUST MANIFOLD GROUP	129
1	6N3477 TURBOCHARGER GROUP	145
1	6N1305 TURBOCHARGER OIL LINES GROUP	159
1	6N3322 AIR LINES GROUP	171
1	4N8267 AFTERCOOLER GROUP	163
1	4N9586 MANIFOLD FASTENER GROUP	136
1	5L7661 EXHAUST ELBOW GROUP	137
<u>FUEL SYSTEM AND GOVERNOR</u>		
1	1P2299 FUEL FILTER ASSEMBLY	240
1	4N4314 FUEL PRIMING PUMP GROUP	238
1	7N5588 FUEL INJECTION LINES GROUP	236
1	7N5304 GOVERNOR AND FUEL INJECTION PUMP GROUP .	184
1	9N3273 DRAIN LINES GROUP	239
1	9L5867 TACHOMETER DRIVE GROUP	322
1	9N5013 ELECTRICAL SHUT-OFF GROUP	282A
	SERIAL No. 66D34746--UP	
<u>ELECTRICAL SYSTEM</u>		
3	6N981 GLOW PLUG GROUP	285
1	6N9479 GLOW PLUG MOUNTING GROUP	287
NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS		

7N3389 ENGINE ARRANGEMENT—Part 2

Precombustion Chambered Turbocharged Aftercooled for Steiger Tractor Co. NOTE:
WHEN ORDERING PARTS GIVE ARRANGEMENT NUMBER AND SERIAL NUMBER

CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:		PAGE
<u>CENTRAL STRUCTURE</u>		
1	2P6560 CYLINDER BLOCK GROUP	39
	- OR - SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8016 CYLINDER BLOCK GROUP	38A
	SERIAL No. 66D32187--UP	
1	4N8675 CYLINDER BLOCK COVER GROUP	39
	- OR - SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N1339 CYLINDER BLOCK COVER GROUP	40B
	SERIAL No. 66D32187--UP	
1	2P6222 CRANKSHAFT GROUP	41
	- OR - SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	6N8079 CRANKSHAFT GROUP	40A
	SERIAL No. 66D32187--UP	
1	2P7308 CRANKSHAFT SEAL GROUP	42
6	2P6272 CONNECTING ROD AND PISTON GROUP	44
1	2P6202 CAMSHAFT GROUP	43
<u>UPPER STRUCTURE</u>		
1	3N3916 CYLINDER HEAD GROUP	46
	- OR - SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	6N8103 CYLINDER HEAD GROUP	47A-1
	SERIAL No. 66D32187--UP	
1	9N136 CYLINDER HEAD COVER GROUP	49
1	2P6546 CYLINDER HEAD FASTENER GROUP	48
	- OR - SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N9536 CYLINDER HEAD FASTENER GROUP	47B
	SERIAL No. 66D32187--UP	
1	2P6526 VALVE MECHANISM GROUP	51
	- OR - SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8026 VALVE MECHANISM GROUP	50A
	SERIAL No. 66D32187--UP	
1	3N2891 VALVE MECHANISM COVER GROUP	51
1	6N8326 ENGINE LIFTING GROUP	50
<u>FRONT STRUCTURE</u>		
1	2P9641 FRONT HOUSING GROUP	52
1	2P6529 FRONT HOUSING COVER GROUP	53
1	3N2887 FRONT HOUSING FASTENER GROUP	54
1	2P9642 FRONT TIMING GEAR GROUP	55
1	3N2884 PULLEY GROUP	57
1	3N2886 SEAL ADAPTER GROUP	56
1	7N744 ENGINE SUPPORT GROUP	71
1	3N2885 DAMPER GROUP	64

CONSISTS OF:		PAGE
<u>REAR STRUCTURE</u>		
1	2P6131 FLYWHEEL HOUSING GROUP	80
1	7S5471 FLYWHEEL GROUP	75
1	2P8162 REAR ACCESSORY DRIVE GEAR GROUP	74
<u>LOWER STRUCTURE</u>		
1	3N2899 OIL PAN GROUP	81
<u>LUBRICATION SYSTEM</u>		
1	2P1784 OIL PUMP GROUP	83
1	2P6105 OIL LINES GROUP	85
1	2P6475 OIL FILTER GROUP	83
1	2P6855 OIL FILLER GROUP	88
1	1P4244 BREATHER GROUP	90
1	7N3855 OIL LEVEL GAUGE GROUP	86
	- OR - SERIAL No. 66D26832 TO 66D33972 INCLUSIVE	
1	5N4945 OIL LEVEL GAUGE GROUP	86A
	SERIAL No. 66D33973--UP	
<u>COOLING SYSTEM</u>		
1	2P661 WATER PUMP GROUP	110
	- OR - SERIAL No. 66D26832 TO 66D33311 INCLUSIVE	
1	7N5908 WATER PUMP GROUP	111D
	SERIAL No. 66D33312--UP	
1	2P7730 WATER LINES GROUP	105
	- OR - SERIAL No. 66D26832 TO 66D33311 INCLUSIVE	
1	7N9905 WATER LINES GROUP	105A
	- OR - SERIAL No. 66D33312 TO 66D34463 INCLUSIVE	
1	8N4527 WATER LINES GROUP	106B
	SERIAL No. 66D34464--UP	
1	2P7738 OIL COOLER GROUP	117
1	7N8185 TRANSMISSION OIL COOLER GROUP	119
<u>INTAKE AND EXHAUST SYSTEM</u>		
1	9L5805 EXHAUST MANIFOLD GROUP	133
1	9L5802 TURBOCHARGER GROUP	146
1	9L5801 TURBOCHARGER OIL LINES GROUP	160
1	9N3259 AIR LINES GROUP	172
1	9N8069 AIR COMPRESSOR GROUP	166
1	6N7631 AIR COMPRESSOR LINES GROUP	169
<u>FUEL SYSTEM AND GOVERNOR</u>		
1	1P2299 FUEL FILTER ASSEMBLY	240
1	4N9625 FUEL PRIMING PUMP GROUP	238
1	7N5303 GOVERNOR & FUEL INJECTION PUMP GROUP ...	185
1	7N4016 FUEL INJECTION LINES GROUP	237
1	9N3273 DRAIN LINES GROUP	239
<u>ELECTRICAL SYSTEM</u>		
3	3N3892 DUMMY GLOW PLUG GROUP	285

NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS

7N3390 ENGINE ARRANGEMENT—Part 2

Precombustion Chambered Turbocharged for David Brown. NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT NUMBER AND SERIAL NUMBER

CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:

PAGE

CENTRAL STRUCTURE

1	2P6560	CYLINDER BLOCK GROUP	39
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8016	CYLINDER BLOCK GROUP	38A
		SERIAL No. 66D32187--Up	
1	4N8675	CYLINDER BLOCK COVER GROUP	39
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N1339	CYLINDER BLOCK COVER GROUP	40B
		SERIAL No. 66D32187--Up	
1	2P6222	CRANKSHAFT GROUP	41
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	6N8079	CRANKSHAFT GROUP	40A
		SERIAL No. 66D32187--Up	
1	2P7308	CRANKSHAFT SEAL GROUP	42
6	9N1291	CONNECTING ROD AND PISTON GROUP	44
1	2P6202	CAMSHAFT GROUP	43

UPPER STRUCTURE

1	9N2382	CYLINDER HEAD GROUP	47
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	9N3561	CYLINDER HEAD GROUP	47A-2
		SERIAL No. 66D32187--Up	
1	2P6546	CYLINDER HEAD FASTENER GROUP	48
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N9536	CYLINDER HEAD FASTENER GROUP	47B
		SERIAL No. 66D32187--Up	
1	2P6526	VALVE MECHANISM GROUP	51
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8026	VALVE MECHANISM GROUP	50A
		SERIAL No. 66D32187--Up	
1	3N2891	VALVE MECHANISM COVER GROUP	51
1	6N8336	ENGINE LIFTING GROUP	50

FRONT STRUCTURE

1	2P9641	FRONT HOUSING GROUP	52
1	2P6529	FRONT HOUSING COVER GROUP	53
1	3N2887	FRONT HOUSING FASTENER GROUP	54
1	9L6675	FRONT TIMING GEAR GROUP	55
1	3N2884	PULLEY GROUP	57
1	7N744	ENGINE SUPPORT GROUP	71
1	3N2885	DAMPER GROUP	64
1	3N2886	SEAL ADAPTER GROUP	56

REAR STRUCTURE

1	2P6131	FLYWHEEL HOUSING GROUP	80
1	755471	FLYWHEEL GROUP	75
1	2P8162	REAR ACCESSORY DRIVE GEAR GROUP	74

7N4316 ENGINE ARRANGEMENT—Part 1

Precombustion Chambered Turbocharged Aftercooled for David Brown. NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT NUMBER AND SERIAL NUMBER

CONSISTS OF:			PAGE
<u>LOWER STRUCTURE</u>			
1	3N2899	OIL PAN GROUP	81
<u>LUBRICATION SYSTEM</u>			
1	2P1784	ENGINE OIL PUMP GROUP	83
1	2P6105	ENGINE OIL LINES GROUP	85
1	2P6475	OIL FILTER GROUP	83
1	2P6855	OIL FILLER GROUP	88
1	1P4244	BREATHER GROUP	90
1	7N3855	OIL LEVEL GAUGE GROUP	86
	- OR -	SERIAL No. 66D26832 TO 66D33972 INCLUSIVE	
1	5N4945	OIL LEVEL GAUGE GROUP	86A
		SERIAL No. 66D33973--UP	
<u>COOLING SYSTEM</u>			
1	2P661	WATER PUMP GROUP	110
	- OR -	SERIAL No. 66D26832 TO 66D33233 INCLUSIVE	
1	7N5908	WATER PUMP GROUP	111D
		SERIAL No. 66D33234--UP	
1	9N1246	WATER LINES GROUP	105
	- OR -	SERIAL No. 66D26832 TO 66D33233 INCLUSIVE	
1	7N6587	WATER LINES GROUP	106A
		SERIAL No. 66D33234--UP	
1	2P7738	ENGINE OIL COOLER GROUP	117
1	7N2056	WATER AFTERCOOLER LINES GROUP	165
	- OR -	SERIAL No. 66D26832 TO 66D33233 INCLUSIVE	
1	8N755	WATER AFTERCOOLER LINES GROUP	165A
		SERIAL No. 66D33234--UP	
1	7N1975	TRANSMISSION OIL COOLER GROUP	118
<u>INTAKE AND EXHAUST SYSTEM</u>			
1	9L5805	EXHAUST MANIFOLD GROUP	133
1	9N1290	TURBOCHARGER GROUP	146
1	9L5801	TURBOCHARGER OIL LINES GROUP	160
1	9N1247	AIR LINES GROUP	173
	- OR -	SERIAL No. 66D26832 TO 66D28422 INCLUSIVE	
1	9N3262	AIR LINES GROUP	173A
		SERIAL No. 66D28423--UP	
1	4N8267	AFTERCOOLER GROUP	163
1	6N7631	AIR COMPRESSOR LINES GROUP	169
1	9N8069	AIR COMPRESSOR GROUP	166
1	1P2299	FUEL FILTER ASSEMBLY	240
1	4N9625	FUEL PRIMING PUMP GROUP	238
1	6N3688	GOVERNOR AND FUEL INJECTION PUMP GROUP	183
1	7N4016	FUEL INJECTION LINES GROUP	237
1	9N3273	DRAIN LINES GROUP	235
<u>ELECTRICAL SYSTEM</u>			
3	3N3892	DUMMY GLOW PLUG GROUP	285
NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS			

7N4316 ENGINE ARRANGEMENT—Part 2

Precombustion Chambered Turbocharged Aftercooled for David Brown. NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT NUMBER AND SERIAL NUMBER

CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:

PAGE

CENTRAL STRUCTURE

1	2P6560	CYLINDER BLOCK GROUP	39
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8016	CYLINDER BLOCK GROUP	38A
		SERIAL No. 66D32187--UP	
1	2P6517	CYLINDER BLOCK COVER GROUP	40
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N1292	CYLINDER BLOCK COVER GROUP	40A
		SERIAL No. 66D32187--UP	
1	2P6222	CRANKSHAFT GROUP	41
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	6N8079	CRANKSHAFT GROUP	40A
		SERIAL No. 66D32187--UP	
1	2P6224	CRANKSHAFT SEAL GROUP	42
6	2P6272	CONNECTING ROD AND PISTON GROUP	44
1	2P6202	CAMSHAFT GROUP	43

UPPER STRUCTURE

1	2P6486	CYLINDER HEAD GROUP	45
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8536	CYLINDER HEAD GROUP	47A
		SERIAL No. 66D32187--UP	
1	2P6530	CYLINDER HEAD COVER GROUP	49
1	2P6546	CYLINDER HEAD FASTENER GROUP	48
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N9536	CYLINDER HEAD FASTENER GROUP	47B
		SERIAL No. 66D32187--UP	
1	2P6526	VALVE MECHANISM GROUP	51
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8026	VALVE MECHANISM GROUP	50A
		SERIAL No. 66D32187--UP	
1	3N2891	VALVE MECHANISM COVER GROUP	51
1	6N8326	ENGINE LIFTING GROUP	50

FRONT STRUCTURE

1	2P9641	FRONT HOUSING GROUP	52
1	2P6528	FRONT HOUSING COVER GROUP	52A
1	3N2887	FRONT HOUSING FASTENER GROUP	54
1	2P9642	FRONT TIMING GEAR GROUP	55
1	3N2886	SEAL ADAPTER GROUP	56
1	3N2884	PULLEY GROUP	57
1	7N744	ENGINE SUPPORT GROUP	71
1	3N2885	DAMPER GROUP	64

7N8739 ENGINE ARRANGEMENT--Part 1

Precombustion Chambered Turbocharged. NOTE: WHEN ORDERING PARTS
GIVE ARRANGEMENT NUMBER AND SERIAL NUMBER

CONSISTS OF:

PAGE

REAR STRUCTURE

1	6N5233	FLYWHEEL HOUSING GROUP	78
1	9L4380	FLYWHEEL GROUP	75
		SERIAL NO. 66D26832 TO 66D27880 INCLUSIVE FOR STEIGER AND FORD ONLY	

LOWER STRUCTURE

1	3N2899	OIL PAN GROUP	81
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LUBRICATION SYSTEM

1	2P1784	ENGINE OIL PUMP GROUP	83
1	2P6105	ENGINE OIL LINES GROUP	85
1	2P6475	OIL FILTER GROUP	83
1	2P6855	OIL FILLER GROUP	88
1	1P4244	BREATHER GROUP	90
1	3N2898	OIL LEVEL GAUGE GROUP	86

COOLING SYSTEM

1	2P662	WATER PUMP GROUP	109
	- OR -	SERIAL NO. 66D26832 TO 66D33311 INCLUSIVE	
1	7N5909	WATER PUMP GROUP	108A
		SERIAL NO. 66D33312--UP	
1	2P7730	WATER LINES GROUP	105
	- OR -	SERIAL NO. 66D26832 TO 66D33311 INCLUSIVE	
1	7N9905	WATER LINES GROUP	105A
		SERIAL NO. 66D33312--UP	
1	2P7728	WATER LINES GROUP--ELBOW	106
1	2P7738	OIL COOLER GROUP	117

INTAKE AND EXHAUST SYSTEM

1	2P6573	EXHAUST MANIFOLD GROUP	129
1	7N5890	TURBOCHARGER GROUP	147
1	6N1305	TURBOCHARGER OIL LINES GROUP	159
1	7N3624	MANIFOLD FASTENER GROUP	136

FUEL SYSTEM AND GOVERNOR

1	1P2299	FUEL FILTER ASSEMBLY	240
1	4N4314	FUEL PRIMING PUMP GROUP	238
1	7N5947	GOVERNOR AND FUEL INJECTION PUMP GROUP	184
1	7N5588	FUEL INJECTION LINES GROUP	236
1	9N3273	DRAIN LINES GROUP	239

ELECTRICAL SYSTEM

3	3N3892	DUMMY GLOW PLUG GROUP	285
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NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS

7N6739 ENGINE ARRANGEMENT—Part 2
Precombustion Chambered Turbocharged. NOTE: WHEN ORDERING
PARTS GIVE ARRANGEMENT NUMBER AND SERIAL NUMBER

CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:			PAGE
<u>CENTRAL STRUCTURE</u>			
1	2P6560	CYLINDER BLOCK GROUP	39
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8016	CYLINDER BLOCK GROUP	38A
		SERIAL No. 66D32187--UP	
1	2P6517	CYLINDER BLOCK COVER GROUP	40
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N1292	CYLINDER BLOCK COVER GROUP	40A
		SERIAL No. 66D32187--UP	
1	2P6222	CRANKSHAFT GROUP	41
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	6N8079	CRANKSHAFT GROUP	40A
		SERIAL No. 66D32187--UP	
1	2P6224	CRANKSHAFT SEAL GROUP	42
6	9N1291	CONNECTING ROD AND PISTON GROUP	44
1	2P6202	CAMSHAFT GROUP	43
<u>UPPER STRUCTURE</u>			
1	3N3916	CYLINDER HEAD GROUP	46
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	6N8103	CYLINDER HEAD GROUP	47A-1
		SERIAL No. 66D32187--UP	
1	2P6530	CYLINDER HEAD COVER GROUP	49
1	2P6546	CYLINDER HEAD FASTENER GROUP	48
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N9536	CYLINDER HEAD FASTENER GROUP	47B
		SERIAL No. 66D32187--UP	
1	2P6526	VALVE MECHANISM GROUP	51
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8026	VALVE MECHANISM GROUP	50A
		SERIAL No. 66D32187--UP	
1	3N2891	VALVE MECHANISM COVER GROUP	51
1	6N8326	ENGINE LIFTING GROUP	50
<u>FRONT STRUCTURE</u>			
1	2P9641	FRONT HOUSING GROUP	52
1	2P6528	FRONT HOUSING COVER GROUP	52A
1	3N2887	FRONT HOUSING FASTENER GROUP	54
1	2P9642	FRONT TIMING GEAR GROUP	55
1	3N2884	PULLEY GROUP	57
1	3N2886	SEAL ADAPTER GROUP	56
1	7N744	ENGINE SUPPORT GROUP	71
1	3N2885	DAMPER GROUP	64
<u>REAR STRUCTURE</u>			
1	7N1747	FLYWHEEL HOUSING GROUP	79
	- OR -	SERIAL No. 66D26832 TO 66D35077 INCLUSIVE	
1	8N2395	FLYWHEEL HOUSING GROUP	79A-1
		SERIAL No. 66D35078--UP	
<u>LOWER STRUCTURE</u>			
1	3N2899	OIL PAN GROUP	81

7N7775 ENGINE ARRANGEMENT—Part 1

Precombustion Chambered Turbocharged—Mobile. NOTE: WHEN ORDERING PARTS
GIVE ARRANGEMENT NUMBER AND SERIAL NUMBER

CONSISTS OF:

PAGE

LUBRICATION SYSTEM

1	2P1784	ENGINE OIL PUMP GROUP	83
1	2P6105	ENGINE OIL LINES GROUP	85
1	2P6475	OIL FILTER GROUP	83
1	2P6855	OIL FILLER GROUP	88
1	1P4244	BREATHING GROUP	90
1	3N2898	OIL LEVEL GAUGE GROUP	86

COOLING SYSTEM

1	2P662	WATER PUMP GROUP	109
	- OR -	SERIAL No. 66D26832 TO 66D33311 INCLUSIVE	
1	7N5909	WATER PUMP GROUP	106A
		SERIAL No. 66D33312--UP	
1	2P7730	WATER LINES GROUP	105
	- OR -	SERIAL No. 66D26832 TO 66D33311 INCLUSIVE	
1	7N9905	WATER LINES GROUP	105A
		SERIAL No. 66D33312--UP	
1	2P7728	WATER LINES GROUP--ELBOW	106
1	2P7738	ENGINE OIL COOLER GROUP	117

INTAKE AND EXHAUST SYSTEM

1	2P6574	EXHAUST MANIFOLD GROUP	129
1	8S8200	TURBOCHARGER GROUP	148
1	6N1305	TURBOCHARGER OIL LINES GROUP	159
1	7N3624	AIR LINES GROUP	170B
1	4N9586	MANIFOLD FASTENER GROUP	136

FUEL SYSTEM AND GOVERNOR

1	1P2299	FUEL FILTER ASSEMBLY	240
1	4N4314	FUEL PRIMING PUMP GROUP	238
1	6N6214	GOVERNOR AND FUEL INJECTION PUMP GROUP ..	185
1	7N5588	FUEL INJECTION LINES GROUP	236
1	9N3273	DRAIN LINES GROUP	239

ELECTRICAL SYSTEM

3	3N3892	DUMMY GLOW PLUG GROUP	285
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NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS

7N7775 ENGINE ARRANGEMENT--Part 2
 Precombustion Chambered Turbocharged--Mobile. NOTE: WHEN ORDERING
 PARTS GIVE ARRANGEMENT NUMBER AND SERIAL NUMBER

4 CATERPILLAR 3306 INDUSTRIAL

	CONSISTS OF:	PAGE
<u>CENTRAL STRUCTURE</u>		
1	2P6560 CYLINDER BLOCK GROUP	39
	- OR - SERIAL NO. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8016 CYLINDER BLOCK GROUP	38A
	SERIAL NO. 66D32187--UP	
1	2P6256 CYLINDER BLOCK COVER GROUP	40
	- OR - SERIAL NO. 66D26832 TO 66D32186 INCLUSIVE	
1	8N3163 CYLINDER BLOCK COVER GROUP	40B
	SERIAL NO. 66D32187--UP	
1	2P6222 CRANKSHAFT GROUP	41
	- OR - SERIAL NO. 66D26832 TO 66D32186 INCLUSIVE	
1	6N8079 CRANKSHAFT GROUP	40A
	SERIAL NO. 66D32187--UP	
1	2P6224 CRANKSHAFT SEAL GROUP	42
6	9N1291 CONNECTING ROD AND PISTON GROUP	44
1	2P6202 CAMSHAFT GROUP	43
<u>UPPER STRUCTURE</u>		
1	9N2382 CYLINDER HEAD GROUP	47
	- OR - SERIAL NO. 66D26832 TO 66D32186 INCLUSIVE	
1	9N3561 CYLINDER HEAD GROUP	47A-2
	SERIAL NO. 66D32187--UP	
1	2P6546 CYLINDER HEAD FASTENER GROUP	48
	- OR - SERIAL NO. 66D26832 TO 66D32186 INCLUSIVE	
1	7N9536 CYLINDER HEAD FASTENER GROUP	47B
	SERIAL NO. 66D32187--UP	
1	2P6526 VALVE MECHANISM GROUP	51
	- OR - SERIAL NO. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8026 VALVE MECHANISM GROUP	50A
	SERIAL NO. 66D32187--UP	
1	3N2891 VALVE MECHANISM COVER GROUP	51
1	6N8326 ENGINE LIFTING GROUP GROUP	50
<u>FRONT STRUCTURE</u>		
1	2P9641 FRONT HOUSING GROUP	52
1	2P6528 FRONT HOUSING COVER GROUP	52A
1	3N2887 FRONT HOUSING FASTENER GROUP	54
1	9L6675 FRONT TIMING GEAR GROUP	55
1	7N744 ENGINE SUPPORT GROUP	71
1	3N2885 DAMPER GROUP	64
1	3N2884 PULLEY GROUP	57
1	3N2886 SEAL ADAPTER GROUP	56
<u>REAR STRUCTURE</u>		
1	7N1747 FLYWHEEL HOUSING GROUP	79
	- OR - SERIAL NO. 66D26832 TO 66D35072 INCLUSIVE	
1	8N2395 FLYWHEEL HOUSING GROUP	79A-1
	SERIAL NO. 66D35073--UP	

7N8317 ENGINE ARRANGEMENT--Part 1

Precombustion Chambered Turbocharged Aftercooled--Mobile. NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT NUMBER AND SERIAL NUMBER

CONSISTS OF:		PAGE
<u>LOWER STRUCTURE</u>		
1	3N2899 OIL PAN GROUP	81
<u>LUBRICATION SYSTEM</u>		
1	2P1784 ENGINE OIL PUMP GROUP	83
1	2P6105 ENGINE OIL LINES GROUP	85
1	2P6475 OIL FILTER GROUP	83
1	2P6855 OIL FILLER GROUP	88
1	1P4244 BREATHER GROUP	90
1	3N2898 OIL LEVEL GAUGE GROUP	86
<u>COOLING SYSTEM</u>		
1	2P662 WATER PUMP GROUP	109
	- OR - SERIAL No. 66D26832 TO 66D33233 INCLUSIVE	
1	7N5909 WATER PUMP GROUP	108A
	SERIAL No. 66D33234--UP	
1	9N1246 WATER LINES GROUP	105
	- OR - SERIAL No. 66D26832 TO 66D33233 INCLUSIVE	
1	7N6587 WATER LINES GROUP	106A
	SERIAL No. 66D33234--UP	
1	9N1245 WATER LINES GROUP--ELBOW	106
1	2P7738 ENGINE OIL COOLER GROUP	117
1	6N8492 AFTERCOOLER WATER LINES GROUP	166
<u>INTAKE AND EXHAUST SYSTEM</u>		
1	2P6574 EXHAUST MANIFOLD GROUP	129
1	6N3477 TURBOCHARGER GROUP	145
1	6N1305 TURBOCHARGER OIL LINES GROUP	159
1	7N3992 AIR LINES GROUP	174
1	4N9586 MANIFOLD FASTENER GROUP	136
1	4N8267 AFTERCOOLER GROUP	163
<u>FUEL SYSTEM AND GOVERNOR</u>		
1	1P2299 FUEL FILTER ASSEMBLY	240
1	4N4314 FUEL PRIMING PUMP GROUP	238
1	6N3688 GOVERNOR AND FUEL INJECTION PUMP GROUP .	183
1	7N5588 FUEL INJECTION LINES GROUP	236
1	9N3273 DRAIN LINES GROUP	239
<u>ELECTRICAL SYSTEM</u>		
3	3N3892 DUMMY GLOW PLUG GROUP	285
NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS		

7N8317 ENGINE ARRANGEMENT—Part 2
 Precombustion Chambered Turbocharged Aftercooled—Mobile. NOTE: WHEN
 ORDERING PARTS GIVE ARRANGEMENT NUMBER AND SERIAL NUMBER

CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:

PAGE

CENTRAL STRUCTURE

1	2P6560	CYLINDER BLOCK GROUP	39
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8016	CYLINDER BLOCK GROUP	38A
		SERIAL No. 66D32187--UP	
1	2P6517	CYLINDER BLOCK COVER GROUP	40
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N1292	CYLINDER BLOCK COVER GROUP	40A
		SERIAL No. 66D32187--UP	
1	2P6222	CRANKSHAFT GROUP	41
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	6N8079	CRANKSHAFT GROUP	40A
		SERIAL No. 66D32187--UP	
1	2P6224	CRANKSHAFT SEAL GROUP	42
6	2P6272	CONNECTING ROD AND PISTON GROUP	44
1	2P6202	CAMSHAFT GROUP	43

UPPER STRUCTURE

1	2P6486	CYLINDER HEAD GROUP	45
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8536	CYLINDER HEAD GROUP	47A
		SERIAL No. 66D32187--UP	
1	2P6530	CYLINDER HEAD COVER GROUP	49
1	2P6546	CYLINDER HEAD FASTENER GROUP	48
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N9536	CYLINDER HEAD FASTENER GROUP	47B
		SERIAL No. 66D32187--UP	
1	2P6526	VALVE MECHANISM GROUP	51
	- OR -	SERIAL No. 66D26832 TO 66D32186 INCLUSIVE	
1	7N8026	VALVE MECHANISM GROUP	50A
		SERIAL No. 66D32187--UP	
1	3N2891	VALVE MECHANISM COVER GROUP	51
1	6N8326	ENGINE LIFTING GROUP	50

FRONT STRUCTURE

1	2P9641	FRONT HOUSING GROUP	52
1	2P6528	FRONT HOUSING COVER GROUP	52A
1	3N2887	FRONT HOUSING FASTENER GROUP	54
1	2P9642	FRONT TIMING GEAR GROUP	55
1	3N2886	SEAL ADAPTER GROUP	56
1	3N2884	PULLEY GROUP	57
1	7N744	ENGINE SUPPORT GROUP	71
1	3N2885	DAMPER GROUP	64

CONSISTS OF:			PAGE
<u>REAR STRUCTURE</u>			
1	7N1747	FLYWHEEL HOUSING GROUP	79
	- OR -	SERIAL No. 66D32186 TO 66D35077 INCLUSIVE	
1	8N2395	FLYWHEEL HOUSING GROUP	79A-1
		SERIAL No. 66D35078--UP	
<u>LOWER STRUCTURE</u>			
1	3N2899	OIL PAN GROUP	81
<u>LUBRICATION SYSTEM</u>			
1	2P1784	ENGINE OIL PUMP GROUP	83
1	2P6105	ENGINE OIL LINES GROUP	85
1	2P6475	OIL FILTER GROUP	83
1	2P6855	OIL FILLER GROUP	88
1	1P4244	BREATHER GROUP	90
1	3N2898	OIL LEVEL GAUGE GROUP	86
<u>COOLING SYSTEM</u>			
1	2P662	WATER PUMP GROUP	109
	- OR -	SERIAL No. 66D32186 TO 66D33311 INCLUSIVE	
1	7N5909	WATER PUMP GROUP	108A
		SERIAL No. 66D33312--UP	
1	2P7730	WATER LINES GROUP	105
	- OR -	SERIAL No. 66D32186 TO 66D33311 INCLUSIVE	
1	7N9905	WATER LINES GROUP	105A
		SERIAL No. 66D33312--UP	
1	2P7728	WATER LINES GROUP--ELBOW	106
1	2P7738	ENGINE OIL COOLER GROUP	117
<u>INTAKE AND EXHAUST SYSTEM</u>			
1	2P6573	EXHAUST MANIFOLD GROUP	129
1	7N5890	TURBOCHARGER GROUP	147
1	6N1305	TURBOCHARGER OIL LINES GROUP	159
1	7N3624	AIR LINES GROUP	170B
1	4N9586	MANIFOLD FASTENER GROUP	136
<u>FUEL SYSTEM AND GOVERNOR</u>			
1	1P2299	FUEL FILTER ASSEMBLY	240
1	4N4314	FUEL PRIMING PUMP GROUP	238
1	7N5947	GOVERNOR AND FUEL INJECTION PUMP GROUP	184
1	7N5588	FUEL INJECTION LINES GROUP	236
1	9N3273	DRAIN LINES GROUP	239
<u>ELECTRICAL SYSTEM</u>			
3	3N3892	DUMMY GLOW PLUG GROUP	285
NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS			

7N9638 ENGINE ARRANGEMENT—Part 2
 Precombustion Chambered Turbocharged-Industrial. NOTE: WHEN
 ORDERING PARTS GIVE ARRANGEMENT NUMBER AND SERIAL NUMBER

CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:			PAGE
<u>CENTRAL STRUCTURE</u>			
1	2P6560	CYLINDER BLOCK GROUP	39
	- OR -	SERIAL NO. 66D28898 TO 66D32186 INCLUSIVE	
1	7N8016	CYLINDER BLOCK GROUP	38A
		SERIAL NO. 66D32187--Up	
1	2P6256	CYLINDER BLOCK COVER GROUP	40
	- OR -	SERIAL NO. 66D28898 TO 66D32186 INCLUSIVE	
1	8N3163	CYLINDER BLOCK COVER GROUP	40B
		SERIAL NO. 66D32187--Up	
1	2P6222	CRANKSHAFT GROUP	41
	- OR -	SERIAL NO. 66D28898 TO 66D32186 INCLUSIVE	
1	6N8079	CRANKSHAFT GROUP	40A
		SERIAL NO. 66D32187--Up	
1	2P6224	CRANKSHAFT SEAL GROUP	42
6	2P6272	CONNECTING ROD AND PISTON GROUP	44
1	2P6202	CAMSHAFT GROUP	43
<u>UPPER STRUCTURE</u>			
1	2P6486	CYLINDER HEAD GROUP	45
	- OR -	SERIAL NO. 66D28898 TO 66D32186 INCLUSIVE	
1	7N8536	CYLINDER HEAD GROUP	47A
		SERIAL NO. 66D32187--Up	
1	2P6530	CYLINDER HEAD COVER GROUP	49
1	2P6546	CYLINDER HEAD FASTENER GROUP	48
	- OR -	SERIAL NO. 66D28898 TO 66D32186 INCLUSIVE	
1	7N9536	CYLINDER HEAD FASTENER GROUP	47B
		SERIAL NO. 66D32187--Up	
1	2P6526	VALVE MECHANISM GROUP	51
	- OR -	SERIAL NO. 66D28898 TO 66D32186 INCLUSIVE	
1	7N8026	VALVE MECHANISM GROUP	50A
		SERIAL NO. 66D32187--Up	
1	3N2891	VALVE MECHANISM COVER GROUP	51
1	6N8326	ENGINE LIFTING GROUP	50
<u>FRONT STRUCTURE</u>			
1	2P9641	FRONT HOUSING GROUP	52
1	2P6528	FRONT HOUSING COVER GROUP	52A
1	3N2887	FRONT HOUSING FASTENER GROUP	54
1	2P9642	FRONT TIMING GEAR GROUP	55
1	6N6703	FAN PULLEY GROUP	59
1	7N744	ENGINE SUPPORT GROUP	71
1	3N2885	DAMPER GROUP	64
1	3N7397	FAN DRIVE GROUP	67
1	3N2886	SEAL ADAPTER GROUP	56
1	3N5659	FAN ADAPTER GROUP	70
1	3N2884	PULLEY GROUP	57

8N1506 ENGINE ARRANGEMENT—Part 1

Serial No. 66D28898—Up. Precombustion Chambered Turbocharged for Steiger Tractor

CO. NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT NUMBER AND
SERIAL NUMBER

CONSISTS OF:		PAGE
<u>REAR STRUCTURE</u>		
1	6N5233 FLYWHEEL HOUSING GROUP	78
1	9L4380 FLYWHEEL GROUP	75
<u>LOWER STRUCTURE</u>		
1	3N2899 OIL PAN GROUP	81
<u>LUBRICATION SYSTEM</u>		
1	2P1784 ENGINE OIL PUMP GROUP	83
1	2P6105 ENGINE OIL LINES GROUP	85
1	2P6475 OIL FILTER GROUP	83
1	2P6855 OIL FILLER GROUP	88
1	1P4244 BREATHER GROUP	90
1	3N3392 FUMES DISPOSAL GROUP	89
1	3N2896 OIL LEVEL GAUGE GROUP	86
<u>COOLING SYSTEM</u>		
1	2P662 WATER PUMP GROUP	109
	- OR - SERIAL No. 66D28893 TO 66D33311 INCLUSIVE	
1	7N5909 WATER PUMP GROUP	108A
	SERIAL No. 66D33312--UP	
1	2P7730 WATER LINES GROUP	105
	- OR - SERIAL No. 66D28893 TO 66D33311 INCLUSIVE	
1	7N9905 WATER LINES GROUP	105A
	SERIAL No. 66D33312--UP	
1	3N3271 HOUSING AND REGULATOR GROUP	115
	- OR - SERIAL No. 66D28893 TO 66D33311 INCLUSIVE	
1	8N889 HOUSING AND REGULATOR GROUP	116A
	SERIAL No. 66D33312--UP	
1	2P7728 WATER LINES GROUP--ELBOW	106
1	2P7738 ENGINE OIL COOLER GROUP	117
<u>INTAKE AND EXHAUST SYSTEM</u>		
1	2P6573 EXHAUST MANIFOLD GROUP	129
1	7N5890 TURBOCHARGER GROUP	147
1	6N1305 TURBOCHARGER OIL LINES GROUP	159
1	7N3624 AIR LINES GROUP	170B
1	4N9586 MANIFOLD FASTENER GROUP	136
1	5N1768 EXHAUST ADAPTER GROUP	129B
1	5L7661 EXHAUST ELBOW GROUP	137
<u>FUEL SYSTEM AND GOVERNOR</u>		
1	1P2299 FUEL FILTER ASSEMBLY	240
1	4N4314 FUEL PRIMING PUMP GROUP	238
1	7N4016 FUEL INJECTION LINES GROUP	237
1	7N5947 GOVERNOR AND FUEL INJECTION PUMP GROUP	184
1	9N3273 DRAIN LINES GROUP	239
1	9L5867 TACHOMETER DRIVE GROUP	322
<u>ELECTRICAL SYSTEM</u>		
3	6N981 GLOW PLUG GROUP	285
1	6N6874 ELECTRICAL SHUT-OFF GROUP	278
1	6N9479 GLOW PLUG MOUNTING GROUP	287
NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS		

8N1506 ENGINE ARRANGEMENT—Part 2

Serial No. 66D28898—Up. Precombustion Chambered Turbocharged for Steiger Trac
 NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT NUMBER AND

CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:

PAGE

CENTRAL STRUCTURE

1	7N8016	CYLINDER BLOCK GROUP	38A
1	7N1292	CYLINDER BLOCK COVER GROUP	40A
1	6N8079	CRANKSHAFT GROUP	40A
1	2P6224	CRANKSHAFT SEAL GROUP	42
6	2P6272	CONNECTING ROD AND PISTON GROUP	44
1	2P6201	CAMSHAFT GROUP	43B

UPPER STRUCTURE

1	6N8103	CYLINDER HEAD GROUP	47A-1
1	2P6530	CYLINDER HEAD COVER GROUP	49
1	7N9536	CYLINDER HEAD FASTENER GROUP	47B
1	7N8026	VALVE MECHANISM GROUP	50A
1	3N2891	VALVE MECHANISM COVER GROUP	51
1	8N3286	ENGINE LIFTING GROUP	50A

FRONT STRUCTURE

1	2P9641	FRONT HOUSING GROUP	52
1	2P6528	FRONT HOUSING COVER GROUP	52A
1	3N2887	FRONT HOUSING FASTENER GROUP	54
1	2P9642	FRONT TIMING GEAR GROUP	55
1	3N2886	SEAL ADAPTER GROUP	56
1	3N2884	PULLEY GROUP	57
1	3N2883	ENGINE SUPPORT GROUP	71
1	3N2885	DAMPER GROUP	64

REAR STRUCTURE

1	8N2322	FLYWHEEL HOUSING GROUP	79A
1	7N3496	FLYWHEEL GROUP	74

LOWER STRUCTURE

1	3N2899	OIL PAN GROUP	81
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CONSISTS OF:			PAGE
<u>LUBRICATION SYSTEM</u>			
1	3N2898	OIL LEVEL GAUGE GROUP	86
1	2P1784	ENGINE OIL PUMP GROUP	83
1	2P6105	ENGINE OIL LINES GROUP	85
1	2P6475	OIL FILTER GROUP	83
1	2P6855	OIL FILLER GROUP	88
1	1P4244	BREATHING GROUP	90
<u>COOLING SYSTEM</u>			
1	7N5909	WATER PUMP GROUP	108A
1	7N9905	WATER LINES GROUP	105A
1	2P7728	WATER LINES GROUP (ELBOW)	106
1	2P7738	ENGINE OIL COOLER GROUP	117
<u>INTAKE AND EXHAUST SYSTEM</u>			
1	2P6574	EXHAUST MANIFOLD GROUP	129
1	8S8200	TURBOCHARGER GROUP	148
1	8N2589	TURBOCHARGER OIL LINES	160A
1	8N2583	AIR LINES GROUP	175A
1	4N9586	MANIFOLD FASTENER GROUP	136
<u>FUEL SYSTEM AND GOVERNOR</u>			
1	1P2299	FUEL FILTER ASSEMBLY	240
1	4N4314	FUEL PRIMING PUMP GROUP	238
1	6N6214	GOVERNOR & FUEL INJECTION PUMP GROUP ...	185
1	7N7145	FUEL INJECTION LINES GROUP	234
1	9N3273	DRAIN LINES GROUP	239
6	7N7125	FUEL INJECTION VALVE GROUP	238
<u>ELECTRICAL SYSTEM</u>			
3	3N3892	DUMMY GLOW PLUG GROUP	285

NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS

CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:

PAGE

CENTRAL STRUCTURE

1	7N8016	CYLINDER BLOCK GROUP	38A
1	7N1292	CYLINDER BLOCK COVER GROUP	40A
1	6N8079	CRANKSHAFT GROUP	40A
1	2P6224	CRANKSHAFT SEAL GROUP	42
6	2P6272	CONNECTING ROD AND PISTON GROUP	44
1	2P6201	CAMSHAFT GROUP	43B

UPPER STRUCTURE

1	6N8103	CYLINDER HEAD GROUP	47A-1
1	2P6530	CYLINDER HEAD COVER GROUP	49
1	7N9536	CYLINDER HEAD FASTENER GROUP	47B
1	7N8026	VALVE MECHANISM GROUP	50A
1	3N2891	VALVE MECHANISM COVER GROUP	51
1	8N3286	ENGINE LIFTING GROUP	50A

FRONT STRUCTURE

1	2P9641	FRONT HOUSING GROUP	52
1	2P6528	FRONT HOUSING COVER GROUP	52A
1	3N2887	FRONT HOUSING FASTENER GROUP	54
1	2P9642	FRONT TIMING GEAR GROUP	55
1	3N2886	SEAL ADAPTER GROUP	56
1	3N2884	PULLEY GROUP	57
1	3N2883	ENGINE SUPPORT GROUP	71
1	3N2885	DAMPER GROUP	64

REAR STRUCTURE

1	8N2322	FLYWHEEL HOUSING GROUP	79A
1	7N3496	FLYWHEEL GROUP	74

LOWER STRUCTURE

1	3N2899	OIL PAN GROUP	81
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CONSISTS OF:		PAGE
<u>LUBRICATION SYSTEM</u>		
1	3N2898 OIL LEVEL GAUGE GROUP	86
1	2P1784 ENGINE OIL PUMP GROUP	83
1	2P6105 ENGINE OIL LINES GROUP	85
1	2P6475 OIL FILTER GROUP	83
1	2P6835 OIL FILLER GROUP	88
1	1P4244 BREATHER GROUP	90
<u>COOLING SYSTEM</u>		
1	7N5909 WATER PUMP GROUP	108A
1	7N9905 WATER LINES GROUP	105A
1	2P7728 WATER LINES GROUP (ELBOW)	106
1	2P7738 ENGINE OIL COOLER GROUP	117
<u>INTAKE AND EXHAUST SYSTEM</u>		
1	2P6574 EXHAUST MANIFOLD GROUP	129
1	8N4172 TURBOCHARGER GROUP	147B
1	8N2589 TURBOCHARGER OIL LINES	160A
1	8N4703 AIR LINES GROUP	175D
1	4N9586 MANIFOLD FASTENER GROUP	136
<u>FUEL SYSTEM AND GOVERNOR</u>		
1	1P2299 FUEL FILTER ASSEMBLY	240
1	4N4314 FUEL PRIMING PUMP GROUP	238
1	7N6439 GOVERNOR & FUEL INJECTION PUMP GROUP ...	183
1	7N7145 FUEL INJECTION LINES GROUP	234
1	9N3273 DRAIN LINES GROUP	239
6	7N7125 FUEL INJECTION VALVE GROUP	238
<u>ELECTRICAL SYSTEM</u>		
3	3N3892 DUMMY GLOW PLUG GROUP	285

NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS

8N3419 ENGINE ARRANGEMENT—Part 2—Precombustion Chambered Turbocharged—
Generator Set—3 Percent Governor Regulation at 1500 RPM
Serial No. 66D35078—Up. NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT
NUMBER AND SERIAL NUMBER

CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:

PAGE

CENTRAL STRUCTURE

1	7N8016	CYLINDER BLOCK GROUP	38A
1	7N1292	CYLINDER BLOCK COVER GROUP	40A
1	6N8079	CRANKSHAFT GROUP	40A
1	2P6224	CRANKSHAFT SEAL GROUP	42
6	2P6272	CONNECTING ROD AND PISTON GROUP	44
1	2P6202	CAMSHAFT GROUP	43

UPPER STRUCTURE

1	6N8103	CYLINDER HEAD GROUP	47A-1
1	2P6530	CYLINDER HEAD COVER GROUP	49
1	7N9536	CYLINDER HEAD FASTENER GROUP	47B
1	7N8026	VALVE MECHANISM GROUP	50A
1	3N2891	VALVE MECHANISM COVER GROUP	51
1	8N3286	ENGINE LIFTING GROUP	50A

FRONT STRUCTURE

1	2P9641	FRONT HOUSING GROUP	52
1	2P6528	FRONT HOUSING COVER GROUP	52A
1	3N2887	FRONT HOUSING FASTENER GROUP	54
1	2P9642	FRONT TIMING GEAR GROUP	55
1	3N2886	SEAL ADAPTER GROUP	56
1	3N2884	PULLEY GROUP	57
1	3N2883	ENGINE SUPPORT GROUP	71
1	3N2885	DAMPER GROUP	64

REAR STRUCTURE

1	8N2322	FLYWHEEL HOUSING GROUP	79A
1	7N3496	FLYWHEEL GROUP	74

LOWER STRUCTURE

1	3N2899	OIL PAN GROUP	81
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CONSISTS OF:			PAGE
<u>LUBRICATION SYSTEM</u>			
1	3N2898	OIL LEVEL GAUGE GROUP	86
1	2P1784	ENGINE OIL PUMP GROUP	83
1	2P6105	ENGINE OIL LINES GROUP	85
1	2P6475	OIL FILTER GROUP	83
1	2P6855	OIL FILLER GROUP	88
1	1P4244	BREATHING GROUP	90
<u>COOLING SYSTEM</u>			
1	7N5909	WATER PUMP GROUP	108A
1	7N9905	WATER LINES GROUP	105A
1	2P7728	WATER LINES GROUP (ELBOW)	106
1	2P7738	ENGINE OIL COOLER GROUP	117
<u>INTAKE AND EXHAUST SYSTEM</u>			
1	2P6574	EXHAUST MANIFOLD GROUP	129
1	8S8200	TURBOCHARGER GROUP	148
1	8N2589	TURBOCHARGER OIL LINES	160A
1	8N4703	AIR LINES GROUP	175D
1	4N9586	MANIFOLD FASTENER GROUP	136
<u>FUEL SYSTEM AND GOVERNOR</u>			
1	1P2299	FUEL FILTER ASSEMBLY	240
1	4N4314	FUEL PRIMING PUMP GROUP	238
1	7N1780	GOVERNOR & FUEL INJECTION PUMP GROUP ...	182
1	7N7145	FUEL INJECTION LINES GROUP	234
1	9N3273	DRAIN LINES GROUP	239
6	7N7125	FUEL INJECTION VALVE GROUP	238
<u>ELECTRICAL SYSTEM</u>			
3	3N3892	DUMMY GLOW PLUG GROUP	285

NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS

CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:

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CENTRAL STRUCTURE

1	7N8016	CYLINDER BLOCK GROUP	38A
1	7N1292	CYLINDER BLOCK COVER GROUP	40A
1	6N8079	CRANKSHAFT GROUP	40A
1	2P6224	CRANKSHAFT SEAL GROUP	42
5	9N1291	CONNECTING ROD AND PISTON GROUP	44
1	2P6202	CAMSHAFT GROUP	43

UPPER STRUCTURE

1	9N3561	CYLINDER HEAD GROUP	47A-2
1	7N9536	CYLINDER HEAD FASTENER GROUP	47B
1	7N8026	VALVE MECHANISM GROUP	50A
1	3N2891	VALVE MECHANISM COVER GROUP	51
1	8N3286	ENGINE LIFTING GROUP	50A

FRONT STRUCTURE

1	2P9641	FRONT HOUSING GROUP	52
1	2P6528	FRONT HOUSING COVER GROUP	52A
1	3N2887	FRONT HOUSING FASTENER GROUP	54
1	2P9642	FRONT TIMING GEAR GROUP	55
1	3N2886	SEAL ADAPTER GROUP	56
1	3N2884	PULLEY GROUP	57
1	3N2883	ENGINE SUPPORT GROUP	71
1	3N2885	DAMPER GROUP	64

REAR STRUCTURE

1	8N2322	FLYWHEEL HOUSING GROUP	79A
1	7N3496	FLYWHEEL GROUP	74

LOWER STRUCTURE

1	3N2899	OIL PAN GROUP	81
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CONSISTS OF:		PAGE
<u>LUBRICATION SYSTEM</u>		
1	3N2898 OIL LEVEL GAUGE GROUP	86
1	2P1784 ENGINE OIL PUMP GROUP	83
1	2P6105 ENGINE OIL LINES GROUP	85
1	2P6475 OIL FILTER GROUP	83
1	2P6855 OIL FILLER GROUP	88
1	1P4244 BREATHER GROUP	90
<u>COOLING SYSTEM</u>		
1	7N5909 WATER PUMP GROUP	108A
1	7N6587 WATER LINES GROUP	106A
1	9N1245 WATER LINES GROUP (ELBOW)	106
1	2P7738 ENGINE OIL COOLER GROUP	117
<u>INTAKE AND EXHAUST SYSTEM</u>		
1	2P6574 EXHAUST MANIFOLD GROUP	129
1	8N3382 TURBOCHARGER GROUP	147A
1	8N2589 TURBOCHARGER OIL LINES	160A
1	8N2582 AIR LINES GROUP	175B
1	4N9586 MANIFOLD FASTENER GROUP	136
1	6N8492 WATER LINES GROUP (AFTERCOOLER)	166A
1	4N8267 AFTERCOOLER GROUP	163
<u>FUEL SYSTEM AND GOVERNOR</u>		
1	1P2299 FUEL FILTER GROUP	240
1	4N4314 FUEL PRIMING PUMP GROUP	238
1	7N1780 GOVERNOR & FUEL INJECTION PUMP GROUP ...	182
1	7N7145 FUEL INJECTION LINES GROUP	234
1	9N3273 DRAIN LINES GROUP	239
6	7N7125 FUEL INJECTION VALVE GROUP	238
<u>ELECTRICAL SYSTEM</u>		
3	3N3892 DUMMY GLOW PLUG GROUP	285
NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS		

8N3421 ENGINE ARRANGEMENT—Part 2—Precombustion Chambered Turbocharged
 Aftercooled—Generator Set—3 Percent Governor Regulation at 1800 RPM
 Serial No. 66D35078—Up. NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT
 NUMBER AND SERIAL NUMBER

CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:

PAGE

CENTRAL STRUCTURE

1	7N8016	CYLINDER BLOCK GROUP	38A
1	7N1292	CYLINDER BLOCK COVER GROUP	40A
1	6N8079	CRANKSHAFT GROUP	40A
1	2P6224	CRANKSHAFT SEAL GROUP	42
6	9N1291	CONNECTING ROD AND PISTON GROUP	44
1	2P6202	CAMSHAFT GROUP	43

UPPER STRUCTURE

1	9N3561	CYLINDER HEAD GROUP	47A-2
1	2P6530	CYLINDER HEAD FASTENER GROUP	49
1	7N8026	VALVE MECHANISM GROUP	50A
1	3N2891	VALVE MECHANISM COVER GROUP	51
1	8N3286	ENGINE LIFTING GROUP	50A

FRONT STRUCTURE

1	2P9641	FRONT HOUSING GROUP	52
1	2P6528	FRONT HOUSING COVER GROUP	52A
1	3N2887	FRONT HOUSING FASTENER GROUP	54
1	9L6675	FRONT TIMING GEAR GROUP	55
1	3N2886	SEAL ADAPTER GROUP	56
1	3N2884	PULLEY GROUP	57
1	3N2883	ENGINE SUPPORT GROUP	71
1	3N2885	DAMPER GROUP	64

REAR STRUCTURE

1	8N2322	FLYWHEEL HOUSING GROUP	79A
1	7N3496	FLYWHEEL GROUP	74

LOWER STRUCTURE

1	3N2899	OIL PAN GROUP	81
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CONSISTS OF:		PAGE
<u>LUBRICATION SYSTEM</u>		
1	3N2898 OIL LEVEL GAUGE GROUP	86
1	2P1784 ENGINE OIL PUMP GROUP	83
1	2P6105 ENGINE OIL LINES GROUP	85
1	2P6475 OIL FILTER GROUP	83
1	2P6855 OIL FILLER GROUP	88
1	1P4244 BREATHER GROUP	90
<u>COOLING SYSTEM</u>		
1	7N5909 WATER PUMP GROUP	108A
1	7N6587 WATER LINES GROUP	106A
1	9N1245 WATER LINES GROUP (ELBOW)	106
1	2P7738 ENGINE OIL COOLER GROUP	117
<u>INTAKE AND EXHAUST SYSTEM</u>		
1	2P6574 EXHAUST MANIFOLD GROUP	129
1	8N3382 TURBOCHARGER GROUP	147A
1	8N2589 TURBOCHARGER OIL LINES	160A
1	8N2582 AIR LINES GROUP	175B
1	4N9586 MANIFOLD FASTENER GROUP	136
1	6N8492 WATER LINES GROUP (AFTERCOOLER)	166A
1	4N8267 AFTERCOOLER GROUP	163
<u>FUEL SYSTEM AND GOVERNOR</u>		
1	1P2299 FUEL FILTER GROUP	240
1	4N4314 FUEL PRIMING PUMP GROUP	238
1	6N3688 GOVERNOR & FUEL INJECTION PUMP GROUP ...	183
1	7N7145 FUEL INJECTION LINES GROUP	234
1	9N3273 DRAIN LINES GROUP	239
6	7N7125 FUEL INJECTION VALVE GROUP	238
<u>ELECTRICAL SYSTEM</u>		
3	3N3892 DUMMY GLOW PLUG GROUP	285

NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS

CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:		PAGE
<u>CENTRAL STRUCTURE</u>		
1	2P6560 CYLINDER BLOCK GROUP	39
	SERIAL NO. 66D31011 TO 66D32135 INCLUSIVE	
- OR -		
1	7N8016 CYLINDER BLOCK GROUP	38A
	SERIAL NO. 66D32136--UP	
1	2P6256 CYLINDER BLOCK COVER GROUP	40
	SERIAL NO. 66D31011 TO 66D32135 INCLUSIVE	
- OR -		
1	8N3163 CYLINDER BLOCK COVER GROUP	40B
	SERIAL NO. 66D32136--UP	
1	2P6222 CRANKSHAFT GROUP	41
	SERIAL NO. 66D31011 TO 66D32135 INCLUSIVE	
- OR -		
1	6N8079 CRANKSHAFT GROUP	40A
	SERIAL NO. 66D32136--UP	
1	2P6224 CRANKSHAFT SEAL GROUP	42
6	9N1291 ROD AND PISTON GROUP	44
1	2P6202 CAMSHAFT GROUP	43
<u>UPPER STRUCTURE</u>		
1	3N3916 CYLINDER HEAD GROUP	46
	SERIAL NO. 66D31011 TO 66D32135 INCLUSIVE	
- OR -		
1	6N8103 CYLINDER HEAD GROUP	47A-1
	SERIAL NO. 66D32136--UP	
1	3N6530 CYLINDER HEAD COVER GROUP	49
1	2P6546 CYLINDER HEAD FASTENER GROUP	48
	SERIAL NO. 66D31011 TO 66D32135 INCLUSIVE	
- OR -		
1	7N9536 CYLINDER HEAD FASTENER GROUP	47B
	SERIAL NO. 66D32136--UP	
1	2P6526 VALVE MECHANISM GROUP	51
	SERIAL NO. 66D31011 TO 66D32135 INCLUSIVE	
- OR -		
1	7N8026 VALVE MECHANISM GROUP	50A
	SERIAL NO. 66D32136--UP	
1	3N2891 VALVE MECHANISM COVER GROUP	51
1	6N8326 LIFTING GROUP	50

8N4559 ENGINE ARRANGEMENT—Part 1

Serial No. 66D31011—Up. Precombustion Chambered Turbocharged—Mobile with No. 2
Flywheel Housing. NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT NUMBER
AND SERIAL NUMBER

CONSISTS OF:		PAGE
<u>FRONT STRUCTURE</u>		
1	2P9641 FRONT HOUSING GROUP	52
1	2P6526 FRONT HOUSING COVER GROUP	52A
1	3N2887 FRONT HOUSING FASTENER GROUP	54
1	2P9642 FRONT TIMING GEAR GROUP	55
1	7N744 ENGINE SUPPORT GROUP	71
1	3N2885 DAMPER GROUP	64
1	3N2884 PULLEY GROUP	57
1	3N2886 SEAL ADAPTER GROUP	56
<u>REAR STRUCTURE</u>		
1	6N5233 FLYWHEEL HOUSING GROUP	78
<u>LOWER STRUCTURE</u>		
1	3N2899 OIL PAN GROUP	81
<u>LUBRICATION SYSTEM</u>		
1	2P1784 ENGINE OIL PUMP GROUP	83
1	2P6105 ENGINE OIL LINES GROUP	85
1	2P6475 OIL FILTER GROUP	83
1	2P6855 OIL FILLER GROUP	88
1	1P4244 BREATHER GROUP	90
1	3N3392 FUMES DISPOSAL GROUP	89
1	3N2898 OIL LEVEL GAUGE GROUP	86
<u>COOLING SYSTEM</u>		
1	2P662 WATER PUMP GROUP	109
	- OR - SERIAL NO. 66D26832 TO 66D33311 INCLUSIVE	
1	7N5909 WATER PUMP GROUP	108A
	SERIAL NO. 66D33312--UP	
1	2P7730 WATER LINES GROUP	105
	- OR - SERIAL NO. 66D26832 TO 66D33311 INCLUSIVE	
1	7N9905 WATER LINES GROUP	105A
	SERIAL NO. 66D33312--UP	
1	2P7728 WATER LINES GROUP--ELBOW	106
1	2P7738 ENGINE OIL COOLER GROUP	117
<u>INTAKE AND EXHAUST SYSTEM</u>		
1	2P6574 EXHAUST MANIFOLD GROUP	129
1	8S8200 TURBOCHARGER GROUP	148
1	6N1305 TURBOCHARGER OIL LINES GROUP	159
1	7N3624 AIR LINES GROUP	170B
1	4N9586 MANIFOLD FASTENER GROUP	136
<u>FUEL SYSTEM AND GOVERNOR</u>		
1	1P2299 FUEL FILTER ASSEMBLY	240
1	4N4314 FUEL PRIMING PUMP GROUP	238
1	7N5586 FUEL INJECTION LINES GROUP	236
1	7N5303 GOVERNOR AND FUEL INJECTION PUMP GROUP	185
1	9N3273 DRAIN LINES GROUP	239
<u>ELECTRICAL SYSTEM</u>		
3	6N981 GLOW PLUG GROUP	285
NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS		

8N4559 ENGINE ARRANGEMENT--Part 2

Serial No. 66D31011--Up, Precombustion Chambered Turbocharged--Mobile with No. 2
Flywheel Housing. NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT NUMBER

CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:		PAGE
<u>CENTRAL STRUCTURE</u>		
1	7N8016 CYLINDER BLOCK GROUP	38A
1	7N1292 CYLINDER BLOCK COVER GROUP	40A
1	6N8079 CRANKSHAFT GROUP	40A
1	2P6224 CRANKSHAFT SEAL GROUP	42
6	2P6272 ROD AND PISTON GROUP	44
1	2P6202 CAMSHAFT GROUP	43
<u>UPPER STRUCTURE</u>		
1	7N8536 CYLINDER HEAD GROUP	47A
1	2P6530 CYLINDER HEAD COVER GROUP	49
1	7N9536 CYLINDER HEAD FASTENER GROUP	47B
1	7N8026 VALVE MECHANISM GROUP	50A
1	3N2891 VALVE MECHANISM COVER GROUP	51
1	6N8326 ENGINE LIFTING GROUP	50
<u>FRONT STRUCTURE</u>		
1	2P9641 FRONT HOUSING GROUP	52
1	2P6528 FRONT HOUSING COVER GROUP	52A
1	3N2887 FRONT HOUSING FASTENER GROUP	54
1	2P9642 FRONT TIMING GEAR GROUP	55
1	3N2884 PULLEY GROUP	57
1	3N2886 SEAL ADAPTER GROUP	56
1	7N744 SUPPORT GROUP--ENGINE	71
1	3N2885 DAMPER GROUP	64
<u>REAR STRUCTURE</u>		
1	7N1747 FLYWHEEL HOUSING GROUP	79
	SERIAL No. 66D32137 TO 66D35077 INCLUSIVE	
- OR -		
1	BN2395 FLYWHEEL HOUSING GROUP	79A-1
	SERIAL No. 66D35078--UP	
1	7N3496 FLYWHEEL GROUP	74
<u>LOWER STRUCTURE</u>		
1	3N2899 OIL PAN GROUP	81

CONSISTS OF:

PAGE

LUBRICATION SYSTEM

1	2P1784	ENGINE OIL PUMP GROUP	83
1	2P6105	ENGINE OIL LINES GROUP	85
1	2P6475	OIL FILTER GROUP	83
1	2P6855	OIL FILLER GROUP	88
1	3N2898	OIL LEVEL GAUGE GROUP	86

COOLING SYSTEM

1	7N5909	WATER PUMP GROUP	108A
1	7N7211	WATER LINES GROUP	105B
1	2P7740	WATER LINES GROUP--ELBOW	105B
1	2P6215	ENGINE OIL COOLER GROUP	117

INTAKE AND EXHAUST SYSTEM

1	6N164	EXHAUST MANIFOLD GROUP	129E
1	4N8970	TURBOCHARGER GROUP	149F
1	6N25	TURBOCHARGER OIL LINES GROUP	161
1	7N3884	AIR LINES GROUP	171
		SERIAL NO. 66D32137 TO 66D33645 INCLUSIVE	
	- OR -		
1	8N6317	AIR LINES GROUP	175I
		SERIAL NO. 66D33646--UP	
1	4N9586	MANIFOLD FASTENER GROUP	13

FUEL SYSTEM AND GOVERNOR

1	1P2299	FUEL FILTER ASSEMBLY	24
1	4N4314	FUEL PRIMING PUMP GROUP	23
1	6N6214	GOVERNOR AND FUEL INJECTION PUMP GROUP ..	18
1	7N4016	FUEL INJECTION LINES GROUP	23
1	9N3273	DRAIN LINES GROUP	23

ELECTRICAL SYSTEM

3	3N3892	DUMMY GLOW PLUG GROUP	21
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NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS

8N4560 ENGINE ARRANGEMENT--Part 2

Serial No. 66D32137--Up. Precombustion Chambered Turbocharged--Mobile with
ENGINE ARRANGEMENT NUM

CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:		PAGE
<u>CENTRAL STRUCTURE</u>		
1	7H13016 CYLINDER BLOCK GROUP	38A
1	7H13022 CYLINDER BLOCK COVER GROUP	40A
1	6H13079 CRANKSHAFT GROUP	40A
1	2P6224 CRANKSHAFT SEAL GROUP	42
6	2P6272 ROD AND PISTON GROUP	42
1	2P6302 CAMSHAFT GROUP	43
<u>UPPER STRUCTURE</u>		
1	7H13036 CYLINDER HEAD GROUP	47A
1	2P6530 CYLINDER HEAD COVER GROUP	49
1	7H13036 CYLINDER HEAD FASTENER GROUP	47B
1	7H13026 VALVE MECHANISM GROUP	50A
1	7H13091 VALVE MECHANISM COVER GROUP	51
1	6H13036 ENGINE LIFTING GROUP	50
<u>FRONT STRUCTURE</u>		
1	2P6541 FRONT HOUSING GROUP	52
1	2P6538 FRONT HOUSING COVER GROUP	52A
1	7H13087 FRONT HOUSING FASTENER GROUP	54
1	2P6641 FRONT TIMING GEAR GROUP	53
1	7H13084 PULLEY GROUP	57
1	7H13086 SEAL ADAPTER GROUP	56
1	7H1344 ENGINE SUPPORT GROUP	71
1	7H13083 DAMPER GROUP	54
<u>REAR STRUCTURE</u>		
1	7H13033 FLYWHEEL HOUSING GROUP	71
<u>LOWER STRUCTURE</u>		
1	7H13099 OIL PAN GROUP	51

8N4561 ENGINE ARRANGEMENT--Part 1

Serial No. 66D32137—Up. Precombustion Chambered Turbocharged-Mobile with No. 2
Flywheel Housing. NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT NUMBER
AND SERIAL NUMBER

CONSISTS OF:		PAGE
<u>LUBRICATION SYSTEM</u>		
1	2P1784 ENGINE OIL PUMP GROUP	83
1	2P6105 ENGINE OIL LINES GROUP	85
1	2P6475 OIL FILTER GROUP	83
1	2P6855 OIL FILLER GROUP	88
1	1P4244 BREATHER GROUP	90
1	3N2595 OIL LEVEL GAUGE GROUP	86
<u>COOLING SYSTEM</u>		
1	7N5909 WATER PUMP GROUP	108A
1	7N7211 WATER LINES GROUP	105B
1	2P7740 WATER LINES GROUP--ELBOW	105B
1	2P6215 ENGINE OIL COOLER GROUP	117
<u>INTAKE AND EXHAUST SYSTEM</u>		
1	6N164 EXHAUST MANIFOLD GROUP	129B
1	4N8970 TURBOCHARGER GROUP	149A
1	6N25 TURBOCHARGER OIL LINES GROUP	160
1	7N3684 AIR LINES GROUP	170
1	4N9586 MANIFOLD FASTENER GROUP	136
<u>FUEL SYSTEM AND GOVERNOR</u>		
1	1P2299 FUEL FILTER ASSEMBLY	240
1	4N4314 FUEL PRIMING PUMP GROUP	238
1	6N6214 GOVERNOR AND FUEL INJECTION PUMP GROUP	185
1	7N4016 FUEL INJECTION LINES GROUP	237
1	9N3275 DRAIN LINES GROUP	239
<u>ELECTRICAL SYSTEM</u>		
3	3N3892 DUMMY GLOW PLUG GROUP	285

8N4561 ENGINE ARRANGEMENT—Part 2

Serial No. 66D32137—Up. Precombustion Chambered Turbocharged-Mobile with
No. 2 Flywheel Housing. NOTE: WHEN ORDERING PARTS GIVE ARRANGEMENT
NUMBER AND SERIAL NUMBER

37J CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:		PAGE
<u>CENTRAL STRUCTURE</u>		
1	7N8016 CYLINDER BLOCK GROUP	38A
1	7N1292 CYLINDER BLOCK COVER GROUP	40A
1	6N8079 CRANKSHAFT GROUP	40A
1	2P6224 CRANKSHAFT SEAL GROUP	42
6	2P6272 CONNECTING ROD AND PISTON GROUP	44
1	2P6202 CAMSHAFT GROUP	43
<u>UPPER STRUCTURE</u>		
1	7N8536 CYLINDER HEAD GROUP	47A
1	2P6530 CYLINDER HEAD COVER GROUP	49
1	7N9536 CYLINDER HEAD FASTENER GROUP	47B
1	7N8026 VALVE MECHANISM GROUP	50A
1	3N2891 VALVE MECHANISM COVER GROUP	51
1	8N3286 LIFTING GROUP	50A
<u>FRONT STRUCTURE</u>		
1	2P9641 FRONT HOUSING GROUP	52
1	2P6528 FRONT HOUSING COVER GROUP	52A
1	3N2887 FRONT HOUSING FASTENER GROUP	54
1	2P9642 FRONT TIMING GEAR GROUP	55
1	3N2886 SEAL ADAPTER GROUP	56
1	3N2884 PULLEY GROUP	57
1	3N2883 SUPPORT GROUP	71
1	3N2885 DAMPER GROUP	64
<u>REAR STRUCTURE</u>		
1	7N1747 FLYWHEEL HOUSING GROUP	79
	SERIAL No. 66D32810 TO 66D35077 INCLUSIVE	
- OR -		
1	8N2395 FLYWHEEL HOUSING GROUP	79A-1
	SERIAL No. 66D35078--UP	
1	7N3496 FLYWHEEL GROUP	74
<u>LOWER STRUCTURE</u>		
1	3N2899 OIL PAN GROUP	81

CONSISTS OF:

PAGE

LUBRICATION SYSTEM

1	2P1784	OIL PUMP GROUP	83
1	2P6105	OIL LINES GROUP	85
1	2P6475	OIL FILTER GROUP	83
1	2P6855	OIL FILLER GROUP	88
1	1P4244	BREATHER GROUP	90
1	3N2898	OIL LEVEL GAUGE GROUP	86

COOLING SYSTEM

1	7N5909	WATER PUMP GROUP	108A
1	7N7211	WATER LINES GROUP	105B
1	2P7740	WATER LINES GROUP--ELBOW	105B
1	2P6215	OIL COOLER GROUP	117

INTAKE AND EXHAUST SYSTEM

1	6N164	EXHAUST MANIFOLD GROUP	129E
1	4N8970	TURBOCHARGER GROUP	149A
1	6N25	TURBOCHARGER OIL LINES GROUP	16C
1	7N3884	AIR LINES GROUP	17C
1	4N9586	MANIFOLD FASTENER GROUP	13C

FUEL SYSTEM AND GOVERNOR

1	1P2299	FUEL FILTER ASSEMBLY	24
1	4N4314	FUEL PRIMING PUMP GROUP	23
1	7N6439	GOVERNOR & FUEL INJECTION PUMP GROUP ...	18
1	7N4016	FUEL INJECTION LINES GROUP	23
1	9N3273	DRAIN LINES GROUP	23
6	7N7125	FUEL INJECTION VALVE GROUP	23

ELECTRICAL SYSTEM

3	3N3892	DUMMY GLOW PLUG GROUP	2C
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NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS

8N5115 ENGINE ARRANGEMENT—Part 2

Serial No. 66D32810—Up, Precombustion Chambered Turbocharged—50 hp
with Governor Regulation. NOTE: WHEN ORDERING PAF

37L CATERPILLAR 3306 INDUSTRIAL ENGINE

CONSISTS OF:		PAGE
<u>CENTRAL STRUCTURE</u>		
1	7N8016 CYLINDER BLOCK GROUP	38A
1	7N1292 CYLINDER BLOCK COVER GROUP	40A
1	6N8079 CRANKSHAFT GROUP	40A
1	2P6224 CRANKSHAFT SEAL GROUP	42
6	2P6272 CONNECTING ROD AND PISTON GROUP	44
1	2P6202 CAMSHAFT GROUP	43
<u>UPPER STRUCTURE</u>		
1	7N8536 CYLINDER HEAD GROUP	47A
1	2P6530 CYLINDER HEAD COVER GROUP	49
1	7N9536 CYLINDER HEAD FASTENER GROUP	47B
1	7N8026 VALVE MECHANISM GROUP	50A
1	3N2891 VALVE MECHANISM COVER GROUP	51
1	8N3286 LIFTING GROUP	50A
<u>FRONT STRUCTURE</u>		
1	2P9641 FRONT HOUSING GROUP	52
1	2P6528 FRONT HOUSING COVER GROUP	52A
1	3N2887 FRONT HOUSING FASTENER GROUP	54
1	2P9642 FRONT TIMING GEAR GROUP	55
1	3N2886 SEAL ADAPTER GROUP	56
1	3N2884 PULLEY GROUP	57
1	3N2883 SUPPORT GROUP	71
1	3N2885 DAMPER GROUP	64
<u>REAR STRUCTURE</u>		
1	7N1747 FLYWHEEL HOUSING GROUP	79
	SERIAL No. 66D32810 TO 66D35077 INCLUSIVE	
	-- OR --	
1	8N2395 FLYWHEEL HOUSING GROUP	79A-1
	SERIAL No. 66D35078--Up	
1	7N3496 FLYWHEEL GROUP	74
<u>LOWER STRUCTURE</u>		
1	3N2899 OIL PAN GROUP	81

8N5116 ENGINE ARRANGEMENT—Part 1

Serial No. 66D32810—Up. Precombustion Chambered Turbocharged—60 hertz
Generator Set—3 Percent Governor Regulation. NOTE: WHEN ORDERING PARTS
GIVE ARRANGEMENT NUMBER AND SERIAL NUMBER

CONSISTS OF:

PAGE

LUBRICATION SYSTEM

1	2P1784	OIL PUMP GROUP	83
1	2P6105	OIL LINES GROUP	85
1	2P6475	OIL FILTER GROUP	83
1	2P6855	OIL FILLER GROUP	88
1	1P4244	BREATHING GROUP	90
1	3N2898	OIL LEVEL GAUGE GROUP	86

COOLING SYSTEM

1	7N5909	WATER PUMP GROUP	108A
1	7N7211	WATER LINES GROUP	105B
1	2P7740	WATER LINES GROUP--ELBOW	105B
1	2P6215	OIL COOLER GROUP	117

INTAKE AND EXHAUST SYSTEM

1	6N164	EXHAUST MANIFOLD GROUP	129B
1	4N8970	TURBOCHARGER GROUP	149A
1	6N25	TURBOCHARGER OIL LINES GROUP	160
1	7N3884	AIR LINES GROUP	170
1	4N9586	MANIFOLD FASTENER GROUP	136

FUEL SYSTEM AND GOVERNOR

1	1P2299	FUEL FILTER ASSEMBLY	240
1	4N4314	FUEL PRIMING PUMP GROUP	238
1	7N1780	GOVERNOR & FUEL INJECTION PUMP GROUP	183
1	7N4016	FUEL INJECTION LINES GROUP	237
1	9N3273	DRAIN LINES GROUP	239
6	7N7125	FUEL INJECTION VALVE GROUP	238

ELECTRICAL SYSTEM

3	3N3892	DUMMY GLOW PLUG GROUP	285
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NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS

8N5116 ENGINE ARRANGEMENT—Part 2

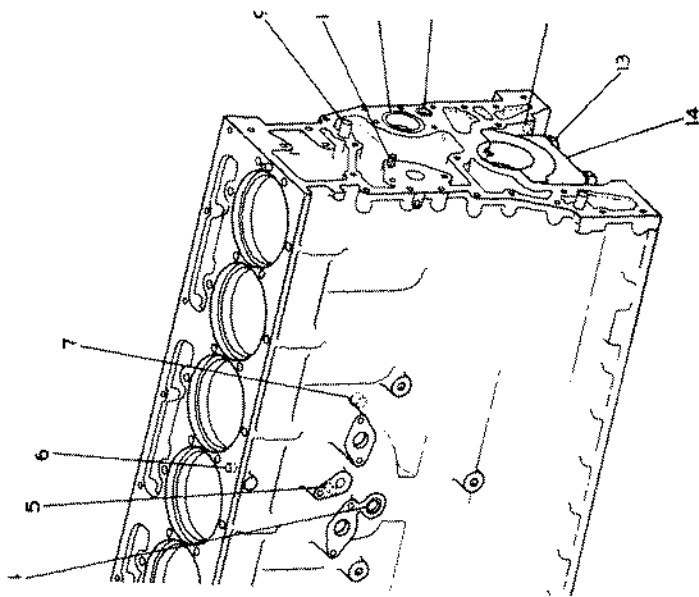
Serial No. 66D32810—Up. Precombustion Chambered Turbocharged—60 hertz
 Generator Set—3 Percent Governor Regulation. NOTE: WHEN ORDERING PARTS
 GIVE ARRANGEMENT NUMBER AND SERIAL NUMBER

CATERPILLAR 3306 INDUSTRIAL ENGINE

	CONSISTS OF:	PAGE
1	7N3383 ENGINE ARRANGEMENT	12
1	4N4600 GOVERNOR CONTROL GROUP	227
1	7L257 AIR CLEANER GROUP	181
1	5L8091 AIR CLEANER CAP GROUP	179
1	3N3277 FUMES DISPOSAL GROUP	89
1	5L7561 EXHAUST ELBOW GROUP	137
1	5L9377 EXHAUST FLANGE GROUP	141
1	3N6695 ENGINE SUPPORT GROUP--FRONT	72
1	7N1268 ENGINE SUPPORT GROUP--REAR	72
1	3N3279 HOUSING AND REGULATOR GROUP	116
1	5N4787 INSTRUMENT PANEL GROUP	319A
1	6L2692 STUB SHAFT GROUP--REAR	325
1	3N3269 EXPANSION TANK GROUP	103B
1	5N4972 BELT GUARD GROUP	68A
1	5N4803 ALTERNATOR GROUP	307C
1	5N4799 ELECTRIC STARTING MOTOR GROUP	247B
1	8L4849 WIRING GROUP	272
1	8L4960 JUNCTION BOX GROUP	273
1	3N8632 SHUT-OFF GROUP	281
1	3N9602 CONTACTOR GROUP--OIL PRESSURE AND WATER TEMPERATURE	276
1	5N4829 REMOTE STARTING SWITCH GROUP	291B
1	3N9595 CONTACTOR GROUP--SPEED SWITCH	274
1	5N4859 CONTACTOR MOUNTING GROUP	276A
1	3N3270 HEAT EXCHANGER GROUP	102
1	3N6728 JACKET WATER HEATER MOUNTING GROUP	100
1	5N3014 TIME DELAY OIL PRESSURE SWITCH	
1	5L7806 JACKET WATER HEATER--240 VOLT, 3 KW	
1	3M8596 JACKET WATER HEATER--120 VOLT, 3 KW	
1	 PRINT OF 5N4668 WIRING DIAGRAM	
1	9L6531 PLATE--CAUTION & INFORMATION-ON L.H. REAR OF BLOCK	
1	9N2614 PLATE--MODIFICATION NUMBER-ON SERIAL NUMBER PLATE	
1	4N8775 FILM--CATERPILLAR	
1	4N9352 FILM--3306 CAT-ON TOP OF VALVE COVER	

CONSISTS OF:		PAGE
1	7N3382 ENGINE ARRANGEMENT	10
1	4N4600 GOVERNOR CONTROL GROUP	227
1	6N4043 AIR CLEANER GROUP	176
1	6N9148 AIR CLEANER CAP GROUP	179
1	3N3277 FUMES DISPOSAL GROUP	89
1	6N6093 EXHAUST ELBOW GROUP	137
1	5L8601 EXHAUST FLANGE GROUP	141
1	3N6695 ENGINE SUPPORT GROUP--FRONT	72
1	7N1268 ENGINE SUPPORT GROUP--REAR	72
1	6N5782 HOUSING AND REGULATOR GROUP	116A
1	5N4788 INSTRUMENT PANEL GROUP	319E
1	6L2692 STUB SHAFT GROUP--REAR	325
1	6N6082 EXPANSION TANK GROUP	103
1	5N4972 BELT GUARD GROUP	68A
1	5N4803 ALTERNATOR GROUP	307C
1	5N4799 ELECTRIC STARTING MOTOR GROUP	247B
1	8L4849 WIRING GROUP	272
1	8L4960 JUNCTION BOX GROUP	273
1	3N8632 SHUT-OFF GROUP	281
1	3N9602 CONTACTOR GROUP--OIL PRESSURE AND WATER TEMPERATURE	276
1	5N4829 REMOTE STARTING SWITCH GROUP	291B
1	3N9595 CONTACTOR GROUP--SPEED SWITCH	274
1	5N4859 CONTACTOR MOUNTING GROUP	276A
1	3N3270 HEAT EXCHANGER GROUP	102
1	3N6728 JACKET WATER HEATER MOUNTING GROUP	10C
1	5N3014 TIME DELAY OIL PRESSURE SWITCH	
1	5L7806 JACKET WATER HEATER--240 VOLT, 3 KW	
1	3M8596 JACKET WATER HEATER--120 VOLT, 3 KW	
1	 PRINT OF 5N4668 WIRING DIAGRAM	
1	9L6531 PLATE--CAUTION & INFORMATION ON L.H. REAR OF BLOCK	
1	9N2614 PLATE--MODIFICATION NUMBER ON SERIAL NUMBER PLATE	
1	4N8775 FILM--CATERPILLAR	
1	4N9352 FILM--3306 CAT ON TOP FRONT OF VALVE COVER	

FIRE PUMP ENGINE--Precombustion Chambered Turbocharged--Aftercooled
AN ATTACHMENT



2P8776 CYLINDER BLOCK ASSEM
Part of 2P6560 Cylinder Block Group shown