



Disassembly and Assembly

C-15, C-16 and C-18 Truck Engines

W1A1-Up (Engine)
CJP1-Up (Engine)
MDP1-Up (Engine)
MEP1-Up (Engine)
6NZ1-Up (Engine)
7CZ1-Up (Engine)
9NZ1-Up (Engine)



Important Safety Information

Most accidents that involve product operation, maintenance and repair are caused by failure to observe basic safety rules or precautions. An accident can often be avoided by recognizing potentially hazardous situations before an accident occurs. A person must be alert to potential hazards. This person should also have the necessary training, skills and tools to perform these functions properly.

Improper operation, lubrication, maintenance or repair of this product can be dangerous and could result in injury or death.

Do not operate or perform any lubrication, maintenance or repair on this product, until you have read and understood the operation, lubrication, maintenance and repair information.

Safety precautions and warnings are provided in this manual and on the product. If these hazard warnings are not heeded, bodily injury or death could occur to you or to other persons.

The hazards are identified by the "Safety Alert Symbol" and followed by a "Signal Word" such as "DANGER", "WARNING" or "CAUTION". The Safety Alert "WARNING" label is shown below.



The meaning of this safety alert symbol is as follows:

Attention! Become Alert! Your Safety is Involved.

The message that appears under the warning explains the hazard and can be either written or pictorially presented.

Operations that may cause product damage are identified by "NOTICE" labels on the product and in this publication.

Caterpillar cannot anticipate every possible circumstance that might involve a potential hazard. The warnings in this publication and on the product are, therefore, not all inclusive. If a tool, procedure, work method or operating technique that is not specifically recommended by Caterpillar is used, you must satisfy yourself that it is safe for you and for others. You should also ensure that the product will not be damaged or be made unsafe by the operation, lubrication, maintenance or repair procedures that you choose.

The information, specifications, and illustrations in this publication are on the basis of information that was available at the time that the publication was written. The specifications, torques, pressures, measurements, adjustments, illustrations, and other items can change at any time. These changes can affect the service that is given to the product. Obtain the complete and most current information before you start any job. Caterpillar dealers have the most current information available.



When replacement parts are required for this product Caterpillar recommends using Caterpillar replacement parts or parts with equivalent specifications including, but not limited to, physical dimensions, type, strength and material.

Failure to heed this warning can lead to premature failures, product damage, personal injury or death.

Table of Contents

Disassembly and Assembly Section

Fuel Priming Pump - Remove and Install	5	Housing (Front) - Remove	54
Fuel Filter Base - Remove	5	Housing (Front) - Install	57
Fuel Filter Base - Disassemble	6	Accessory Drive - Remove	59
Fuel Filter Base - Assemble	7	Accessory Drive - Disassemble	59
Fuel Filter Base - Install	7	Accessory Drive - Assemble	60
Fuel Transfer Pump - Remove	8	Accessory Drive - Install	61
Fuel Transfer Pump - Install	9	Valve Mechanism Cover - Remove and Install	61
Electronic Unit Injector - Remove	9	Valve Mechanism Cover Base - Remove and Install	62
Electronic Unit Injector - Install	10	Compression Brake - Remove (If Equipped)	64
Electronic Unit Injector Sleeve - Remove	12	Compression Brake - Disassemble (If Equipped) ..	64
Electronic Unit Injector Sleeve - Install	13	Compression Brake - Assemble (If Equipped)	67
Turbocharger - Remove	14	Compression Brake - Install (If Equipped)	68
Turbocharger - Disassemble	15	Rocker Arm and Shaft - Remove	69
Turbocharger - Assemble	15	Rocker Arm - Disassemble	70
Turbocharger - Install	16	Rocker Arm - Assemble	71
Exhaust Manifold - Remove and Install	17	Rocker Arm and Shaft - Install	71
Inlet and Exhaust Valve Springs - Remove and Install	19	Cylinder Head - Remove	72
Inlet and Exhaust Valves - Remove and Install	20	Cylinder Head - Install	75
Inlet and Exhaust Valve Guides - Remove and Install	22	Camshaft - Remove	78
Inlet and Exhaust Valve Seat Inserts - Remove and Install	23	Camshaft - Install	82
Inlet and Exhaust Valve Seals - Remove and Install	24	Camshaft Gear - Remove and Install	86
Engine Oil Filter Base - Remove	25	Camshaft Bearings - Remove	88
Engine Oil Filter Base - Disassemble	26	Camshaft Bearings - Install	89
Engine Oil Filter Base - Assemble	27	Engine Oil Pan - Remove and Install	91
Engine Oil Filter Base - Install	27	Cylinder Liner - Remove	92
Engine Oil Cooler - Remove	28	Cylinder Liner - Install	92
Engine Oil Cooler - Disassemble	29	Piston Cooling Jets - Remove and Install	93
Engine Oil Cooler - Assemble	30	Pistons and Connecting Rods - Remove	94
Engine Oil Cooler - Install	31	Pistons and Connecting Rods - Disassemble	95
Engine Oil Pump - Remove	31	Pistons and Connecting Rods - Assemble	96
Engine Oil Pump - Disassemble	32	Pistons and Connecting Rods - Install	98
Engine Oil Pump - Assemble	33	Connecting Rod Bearings - Remove	99
Engine Oil Pump - Install	34	Connecting Rod Bearings - Install	100
Water Pump - Remove	34	Crankshaft Main Bearings - Remove	101
Water Pump - Disassemble	35	Crankshaft Main Bearings - Install	102
Water Pump - Assemble	36	Crankshaft - Remove	103
Water Pump - Install	37	Crankshaft - Install	104
Water Temperature Regulator - Remove and Install	38	Bearing Clearance - Check	105
Engine Support (Front) - Remove and Install	41	BrakeSaver - Remove	106
Flywheel - Remove	41	BrakeSaver - Disassemble	107
Flywheel - Install	42	BrakeSaver - Assemble	109
Crankshaft Rear Seal - Remove	43	BrakeSaver - Install	113
Crankshaft Rear Seal - Install	43	BrakeSaver Engine Oil Pan - Remove and Install	114
Flywheel Housing - Remove and Install	44	BrakeSaver Engine Oil Pump - Remove	115
Vibration Damper and Pulley - Remove and Install	47	BrakeSaver Engine Oil Pump - Disassemble	116
Crankshaft Front Seal - Remove	47	BrakeSaver Engine Oil Pump - Assemble	117
Crankshaft Front Seal - Install	48	BrakeSaver Engine Oil Pump - Install	119
Front Cover - Remove	49	BrakeSaver Control Valve - Remove	120
Front Cover - Install	49	BrakeSaver Control Valve - Disassemble	121
Gear Group (Front) - Remove	50	BrakeSaver Control Valve - Assemble	122
Gear Group (Front) - Install	52	BrakeSaver Control Valve - Install	123
		Atmospheric Pressure Sensor - Remove and Install	125
		Camshaft Position Sensor - Remove and Install ..	125
		Crankshaft Position Sensor - Remove and Install	126
		Coolant Temperature Sensor - Remove and Install	127
		Engine Oil Pressure Sensor - Remove and Install	128
		Fuel Temperature Sensor - Remove and Install ..	129

Table of Contents

Boost Pressure Sensor - Remove and Install	130
Inlet Air Temperature Sensor - Remove and Install	130
Belt Tensioner - Remove and Install	131
Fan Drive - Remove	132
Fan Drive - Disassemble	132
Fan Drive - Assemble	132
Fan Drive - Install	133
Engine Control Module - Remove and Install	134
Electric Starting Motor - Remove and Install	135
Air Compressor - Remove and Install	135
Air Compressor Drive Gear - Remove	137
Air Compressor Drive Gear - Install (Two Cylinder)	138
Air Compressor Drive Gear - Install	138

Index Section

Index	140
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Disassembly and Assembly Section

Fuel Priming Pump - Remove and Install

i02022754

SMCS Code: 1258-010

Removal Procedure

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

NOTICE

Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting and repair of the product. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.

Refer to Special Publication, NENG2500, "Caterpillar Tools and Shop Products Guide" for tools and supplies suitable to collect and contain fluids on Caterpillar products.

Dispose of all fluids according to local regulations and mandates.

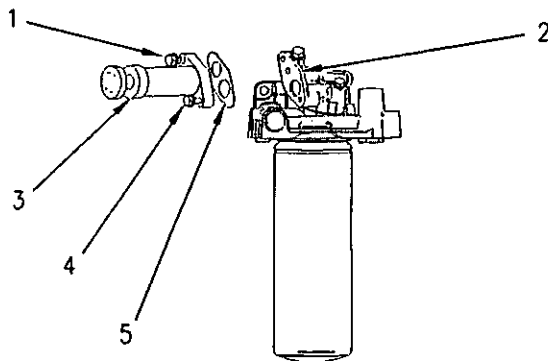


Illustration 1

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1. Remove bolt (1) and bolt (4). Remove fuel priming pump (3) from fuel filter base (2).
2. Remove gasket (5) for the fuel priming pump and the fuel filter base.

Installation Procedure

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

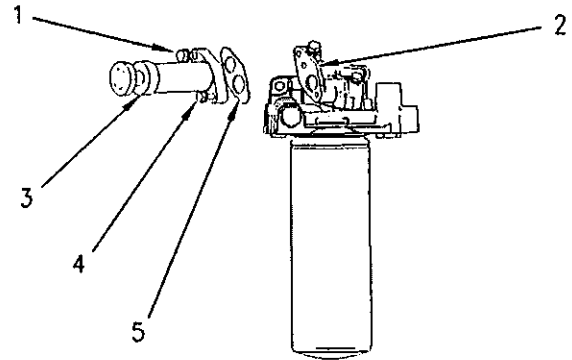


Illustration 2

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1. Ensure that gasket (5) is in position for the fuel priming pump.
2. Put fuel priming pump (3) in position on fuel filter base (2). Install bolt (1) and bolt (4).

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Fuel Filter Base - Remove

SMCS Code: 1262-011

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	185-3630	Strap Wrench	1
ZZ	9U-7072	Tapered Cap/Plug	3
	9U-7070	Tapered Cap/Plug	3

Note: SERVICE DATA: TOOLING (ZZ) WILL NOT BE IDENTIFIED IN PHOTOGRAPHS IN THE REMOVAL OR THE INSTALLATION. THIS TOOLING IS SHOWN IN ORDER TO ASSIST THE EXPERIENCED SERVICEMAN.

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.



Thank you very much
for your reading.
Please click here
to get more information.