



MAINTENANCE MADE EASY MEANS MORE TIME ON THE WATER

CAT® MARINE ENGINE PLANNED MAINTENANCE KITS
Cooling System & Filter Kits for C1.5, C2.2, C4.4 & C7.1 Engines



A man wearing a blue cap with the CAT logo, safety glasses, and yellow earplugs is focused on a laptop. He is wearing an orange high-visibility work shirt with reflective silver stripes and a name tag that says 'BRAD'. The shirt also features the CAT logo and the text 'Hastings Deering CAT Product People Commitment'. He is sitting in a confined space, likely the engine room of a vessel, surrounded by yellow CAT marine engines and various pipes and equipment. The background shows a white door and more engine components.

FAST. CONVENIENT. AFFORDABLE.

Staying on top of planned maintenance keeps your Cat® Marine engine — and your vessel — running at peak performance. Here's an easy way to ensure you have exactly what you need, right when you need it, for key service intervals: Keep a Cat Marine Engine Planned Maintenance Kit on board. You'll benefit from:

- **MULTIPLE OPTIONS:** Choose from base kits and filter kits designed for your engine's specific service intervals.
- **HASSLE-FREE ORDERING:** One part number per kit gets you everything you need and nothing more — no time wasted ordering individual parts or sorting through unnecessary extras.
- **MORE UPTIME:** With the right parts already on your vessel, you won't miss key service intervals, and you can perform maintenance exactly when it's due.
- **QUALITY PERFORMANCE:** Each kit includes only genuine Cat parts — manufactured to your engine's precise specifications, engineered for reliability and long life, and backed by a one-year warranty.

You can purchase Cat Marine Engine Planned Maintenance Kits at the same time as your new engine or genset, or after the point of engine sale through the Cat Dealer network

BASE KIT PART NUMBERS

Engine Model	Serial Number Prefix	Aspiration	Service Interval	Heat Exchanger Cooled	Heat Exchanger Cooled with Bronze Pump	Keel Cooled	Radiator Cooled
C1.5	TAF	Naturally Aspirated	3,000 hours	604-7930		604-7931	
C2.2	TAG	Naturally Aspirated	3,000 hours	604-7936		604-7937	
C2.2	JAW	Turbo	3,000 hours	604-7936		604-7937	
C4.4	L1K	Naturally Aspirated	4,000 hours	604-8266	604-8268	604-8269	604-8270
C4.4	S1M	Turbo	4,000 hours	604-6732	604-6733	604-6734	604-6735
C4.4	S1M	Turbo Aftercooled	4,000 hours	603-5384	603-5383	603-5381	603-5380
C4.4 Electronic	NRP/4C4	Turbo & Turbo Aftercooled	4,000 hours	604-7948		604-7949	604-7950
C7.1	JME	Turbo Aftercooled	4,000 hours	604-7954		604-7955	604-7956
C7.1 Recreational	JEZ	Turbo Aftercooled	2,000 hours	604-7960			
C7.1 Commercial	GJN	Turbo Aftercooled	2,000 hours	604-7962		604-7963	

FILTER KIT PART NUMBERS

Engine Model	Serial Number Prefix	Aspiration	Service Interval	Simplex Fuel & Oil	Duplex Fuel & Simplex Oil	Duplex Fuel & Oil
C1.5	TAF	Naturally Aspirated	3,000 hours	604-7934	604-7935	
C2.2	TAG	Naturally Aspirated	3,000 hours	604-7934	604-7935	
C2.2	JAW	Turbo	3,000 hours	604-7934	604-7935	
C4.4	L1K	Naturally Aspirated	4,000 hours	604-8272	604-8273	604-8274
C4.4	S1M	Turbo	4,000 hours	604-8272	604-8273	604-8274
C4.4	S1M	Turbo Aftercooled	4,000 hours	604-8272	604-8273	604-8274
C4.4 Electronic	NRP/4C4	Turb & Turbo Aftercooled	4,000 hours	604-7951	604-7951	604-7953
C7.1	JME	Turbo Aftercooled	4,000 hours	604-7957	604-7957	604-7959
C7.1 Recreational	JEZ	Turbo Aftercooled	2,000 hours	Included in Cooling System Kit		
C7.1 Commercial	GJN	Turbo Aftercooled	2,000 hours	Included in Cooling System Kit		

NOTE: Kits contain all the parts pre-identified by Caterpillar and required to do planned preventative maintenance at the indicated intervals..

CHOOSE THE RIGHT KIT FOR YOUR ENGINE

Follow our three step process to determine the kit that best fits your needs.

1. Identify your base kit depending on the engine model and cooling system
2. Identify your configuration to identify the appropriate filter kit
3. Identify the corresponding part number for each kit based on your serial number and contact your Cat dealer to order



Base Kit Example



Filter Kit Example

	C4.4 NA 4000 Hrs L1K										C4.4 T 4000 Hrs S1M									
Kit Number	604-8266	604-8268	604-8269	604-8270	604-8272	604-8273	604-8274				604-6732	604-6733	604-6734	604-6735	604-8272	604-8273	604-8274			
Kit Type	HEX	HEX BRONZE	KEEL	RAD	Simplex Fuel/Oil	Duplex Fuel/ Simplex Oil	Duplex Fuel/ Duplex Oil	Qty per Engine	Qty Per Kit	Service Interval	HEX	HEX BRONZE	KEEL	RAD	Simplex Fuel/Oil	Duplex Fuel/ Simplex Oil	Duplex Fuel/ Duplex Oil	Qty per Engine	Qty Per Kit	Service Interval
Belt - Alternator	•	•	•	•				1	8	500 hrs	•	•	•	•				1	8	500 hrs
Belt - Bronze Pump		•						1	8	500 hrs		•						1	8	500 hrs
Sea water pump impeller + gaskets and seals	•							1	8	500 hrs	•							1	8	500 hrs
Sea water pump overhaul kit	•							1	1	3000 hrs	•							1	1	3000 hrs
Sea water pump - Impeller																				
Sea water pump - Cover seal																				
Sea water pump - Rubber plug																				
Crankcase breather - Element											•	•	•	•				1	8	500 hrs
Crankcase breather - Seal																				
Rocker cover vent - Kit																				
Rocker cover vent - Diaphragm	•	•	•	•				1	1	4000 hrs										
Rocker cover vent - Spring	•	•	•	•				1	1	4000 hrs										
Air filter - Primary	•	•	•	•				1	2	1500 hrs	•	•	•	•				1	2	1500 hrs
Air filter - Secondary	•	•	•	•				1	2	1500 hrs	•	•	•	•				1	2	1500 hrs
*Add a Service Sampling bottle (S•O•S SM) to your kit to qualify for a Customer Value Agreement (CVA)! Contact your Cat dealer for more information.																				
Valve clearance - Rocker cover gasket	•	•	•	•				1	4	1000 hrs	•	•	•	•				1	4	1000 hrs
Injector service - Bottom Washer	•	•	•	•				4	4	4000 hrs	•	•	•	•				4	4	4000 hrs
Injector service - Top Washer																				
Injector service - Leak Off Banjo Washers																				
Aftercooler service - O-ring																				
Aftercooler service - O-ring																				
Heat exchanger service - O-ring	•	•						2	4	2000 hrs	•	•						2	4	2000 hrs
Heat exchanger service - O-ring																				
Heat exchanger service - Pressure cap gasket	•	•	•					1	2	2000 hrs	•	•	•					1	2	2000 hrs
Thermostat - Engine	•	•	•	•				1	2	2000 hrs	•	•	•	•				1	2	2000 hrs
Thermostat - Radiator				•				1	2	2000 hrs				•				1	2	2000 hrs
Condensate drain washer																				
Primary Fuel filter - Simplex																				
Primary Fuel filter - Duplex																				
Secondary Fuel filter - Simplex					•			1	8	500 hrs								1	8	500 hrs
Secondary Fuel filter - Duplex						•	•	2	8	500 hrs					•	•	•	2	8	500 hrs
Oil filter - Simplex					•	•		1	8	500 hrs								1	8	500 hrs
Oil filter - Duplex							•	2	8	500 hrs					•	•	•	2	8	500 hrs

	C4.4DITA 4000 Hrs S1M										C4.4E & Aux 4000 Hrs NRP/4C4								
Kit Number	603-5384	603-5383	603-5381	603-5380	604-8272	604-8273	604-8274				604-7948	604-7949	604-7950	604-7951	604-7951	604-7953			
Kit Type	HEX	HEX BRONZE	KEEL	RAD	Simplex Fuel/Oil	Duplex Fuel/ Simplex Oil	Duplex Fuel/ Duplex Oil	Qty per Engine	Qty Per Kit	Service Interval	HEX	KEEL	RAD	Simplex Fuel/Oil	Duplex Fuel/ Simplex Oil	Duplex Fuel/ Duplex Oil	Qty per Engine	Qty Per Kit	Service Intervals
Belt - Alternator	•	•	•	•				1	8	500 hrs	•	•	•				1	1	3000 hrs
Belt - Bronze Pump		•						1	8	500 hrs									
Sea water pump impeller + gaskets and seals	•		•					1	8	500 hrs									
Sea water pump overhaul kit	•		•					1	1	3000 hrs	•	•					1	1	3000 hrs
Sea water pump - Impeller											•	•					1	8	500 hrs
Sea water pump - Cover seal											•	•					1	8	500 hrs
Sea water pump - Rubber plug											•	•					1	8	500 hrs
Crankcase breather - Element	•	•	•	•				1	8	500 hrs	•	•	•				1	2	1500 hrs
Crankcase breather - Seal											•	•	•				1	2	1500 hrs
Rocker cover vent - Kit																			
Rocker cover vent - Diaphragm																			
Rocker cover vent - Spring																			
Air filter - Primary	•	•	•	•				1	2	1500 hrs	•	•	•				1	2	1500 hrs
Air filter - Secondary	•	•	•	•				1	2	1500 hrs	•	•	•				1	2	1500 hrs
*Add a Service Sampling bottle (S•O•S SM) to your kit to qualify for a Customer Value Agreement (CVA)! Contact your Cat dealer for more information.																			
Valve clearance - Rocker cover gasket	•	•	•	•				1	4	1000 hrs									
Injector service - Bottom Washer	•	•	•	•				4	4	4000 hrs									
Injector service - Top Washer																			
Injector service - Leak Off Banjo Washers																			
Aftercooler service - O-ring												•					2	8	1000 hrs
Aftercooler service - O-ring												•					4	16	1000 hrs
Heat exchanger service - O-ring	•	•						2	4	2000 hrs	•						2	8	1000 hrs
Heat exchanger service - O-ring											•						8	32	1000 hrs
Heat exchanger service - Pressure cap gasket	•	•	•					1	2	2000 hrs									
Thermostat - Engine	•	•	•	•				1	2	2000 hrs	•	•	•				1	2	2000 hrs
Thermostat - Radiator				•				1	2	2000 hrs									
Condensate drain washer											•	•					1	4	1000 hrs
Primary Fuel filter - Simplex														•			1	8	500 hrs
Primary Fuel filter - Duplex															•	•	2	8	500 hrs
Secondary Fuel filter - Simplex								1	8	500 hrs				•			1	8	500 hrs
Secondary Fuel filter - Duplex					•	•	•	2	8	500 hrs					•	•	2	8	500 hrs
Oil filter - Simplex								1	8	500 hrs				•	•		1	8	500 hrs
Oil filter - Duplex					•	•	•	2	8	500 hrs						•	2	8	500 hrs

FAQs

Q: What is a Marine Planned Maintenance (PM) kit?

This is a pre-configured kit comprising all the parts pre-identified by Caterpillar and required to carry out the scheduled servicing for your propulsion engine or genset over the lifetime of your asset in 2000-4000hr cycles. It doesn't contain fluids, which can be obtained from your Cat dealer.

There are two kits required to complete the planned maintenance: a base kit & a filter kit. Select your specific kit types using the 3-step process found in the Marine Planned Maintenance Kits brochure.

Q: Will the kits maintain my engine throughout the lifecycle?

Yes, once you have used a kit, simply order another one to complete the next cycle of scheduled maintenance. For example, a base kit & a filter kit will have all the parts you need for a 2000-4000hr cycle of engine use. The service intervals range from 500hrs-4000hrs, with parts packaged by service interval by hours.

Q: Why do I need a Marine PM kit?

For optimum performance and reliability, your propulsion engine or genset should be serviced as per the specified service intervals. With the exception of fluids, the kit provides all the necessary parts to be able to complete these important tasks.

Q: Which engine models are Marine PM kits available for?

Kits are available for all propulsion engine and genset models up to, and including, C7.1.

Q: What do the Marine PM kits contain?

The kits contain parts such as filters, belts, gaskets, seals, etc. required for regular scheduled servicing of your propulsion engine or genset, excluding fluids which can be obtained from your Cat dealer.

Q: How do I use a Marine PM kit?

The kit should be used for the scheduled servicing of your propulsion engine or genset. The parts will be organized and packaged for each interval within the kit. For details on which parts are contained in each kit, see the Marine Planned Maintenance Kits brochure.

Use the Marine Planned Maintenance Kits brochure (Media Number: LEDM20285-00) to select the right kit using our 3-step process to choose the right kit for your engine or genset.

Q: I understand that some engine manufacturers supply "cruise kits" or "convenience kits." Is this the same?

No, the Marine PM kit contains only the parts pre-identified by Caterpillar and required to do planned preventative maintenance.

Q: Does the Marine PM kit provide emergency breakdown parts?

No, the kit is constructed specifically for the scheduled servicing of your propulsion engine or genset.

Q: What is the advantage of a Marine PM kit?

The kits have several advantages:

- You don't have to order parts individually. By ordering the base kit & filter kit, you will get all the required parts pre-identified by Caterpillar and required to do planned preventative maintenance (excluding fluids).
- The parts are packed by service interval by hours, which enables easy identification and storage.
- One part number gets you everything you need and nothing more — no time wasted ordering individual parts or sorting through extras.
- Once the kit has reached the last interval, simply order another to continue scheduled service over the life of your engine or genset.

Q: Are the kits available through the Dealer network?

Yes, they can be ordered through your Cat dealer.

Q: Can I still buy the parts individually?

Yes, the individual parts are available through the Cat dealer network for purchase to suit your needs.

Q: Does the kit contain all the parts required to do a planned preventative maintenance service?

Yes, it contains all the parts pre identified by Caterpillar and required to do planned preventative maintenance (excluding fluids, which can be purchased from your Cat dealer).

Q: What is the price of the PM Service Kit?

Contact your dealer for pricing information.

Q: Can I order a PM Service Kit with a new engine or genset?

Yes, the kits are available when you purchase a new engine or genset through your Cat dealer.

Q: How do I get a PM Service Kit?

Kits can be ordered together when you purchase a new engine or genset through a Cat dealer or through the Parts/Service department at a Cat dealer.

Q: Does buying a PM Service Kit qualify me for a Customer Value Agreement (CVA)?

The kit alone doesn't qualify you for a CVA. However, you will qualify for a CVA if you add an SOS bottle and engage in oil sampling alongside the kit purchase. Talk to your Cat dealer to find out more.



**CUSTOM SOLUTIONS.
LOWER MAINTENANCE COSTS.
THAT'S A CVA.**

Here's another way to keep your vessel easy to own and ready to run. A Cat Customer Value Agreement (CVA) gives you access to individualized solutions, ranging from traditional parts and services to connected technologies and more.

THE BENEFITS OF CVAs

- Hassle-free ownership and maintenance
 - Parts delivered right on time, right where you need them
 - Security of dealer expert support
 - Peace of mind with Equipment Health Management
-

**CONTACT A CAT DEALER
TO START THE CONVERSATION.**

Your local dealer is ready when you are to discuss the right CVA for your assets and operation.

LET'S DO THE WORK.™

www.cat.com/MarinePMKits

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