



PLAN FOR THE UNEXPECTED.

LAND DRILLING BUNDLED REPAIR SOLUTIONS
3412 Engine Overhaul





NEVER SLOW DOWN AGAIN.

You depend on your rig to run non-stop. And when engine repairs are necessary, the pressure's on to get things moving again as fast as possible. Thankfully, you can respond to unexpected repairs or planned maintenance with our 3412 Land Drilling Bundled Repair Solutions. With fast delivery, **flexible options**, competitive pricing, custom packages and **easy ordering**, you'll be **back up and running** in no time. You choose the option that best fits your needs and we'll take care of the rest.

BUILT FOR IT.™

BUNDLED REPAIR SOLUTIONS

Our bundled repair solutions are built on expertise, built for critical applications and with parts built to last. They're made to restore engine performance, simplify engine maintenance and lower your total cost of ownership. And every one is built on a promise to quality, built by the name you trust and most importantly, built to be customized by you.

YOU CHOOSE.

START WITH THE FOUNDATIONAL LEVEL:
SELECT OUR PREPACKAGED FOUNDATIONAL LEVEL KIT
OR CUSTOMIZE YOUR OWN FOUNDATIONAL LEVEL.

Containing all the basics for your best major overhaul, our Foundational Level Kit is designed for convenience – prepackaged, ordered with a single part number and delivered in a single box. Our Customize Your Own Foundational Level allows you to order to your specific engine needs. No matter which Foundational Level option you choose, benefit from our bundled pricing when you complete your overhaul with our Advanced or Optimal Level.

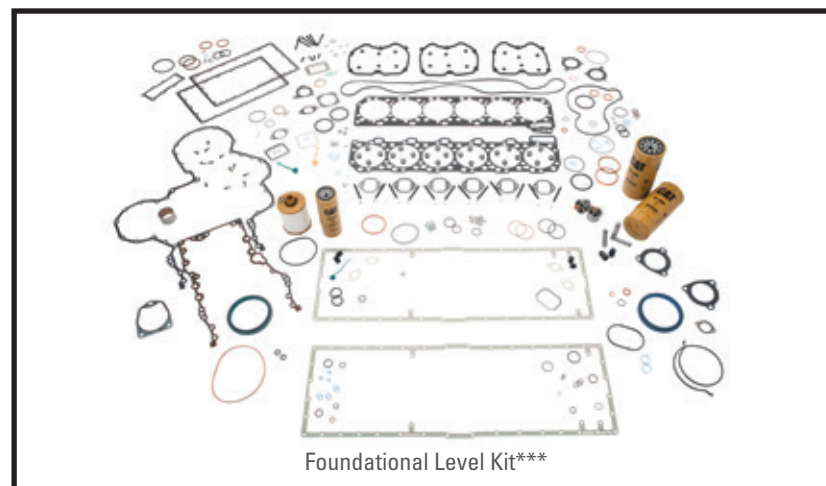
3412 MAJOR OVERHAUL

OPTION 1 – FOUNDATIONAL LEVEL KIT*

ENGINE MODEL	ENGINE SERIAL NUMBER PREFIX	ENGINE ARRANGEMENT	MAJOR OVERHAUL FOUNDATIONAL KIT PART #**	
3412	38S08890-UP	1W0256	4902102	
	38S-UP	7W7541	4609015	
		7N7708		
		6N1158		
	38S08890-13236	8N9231		
	38S08932-12006	1W2328		
	38S-UP	4W1757		
	38S00001-12417	6N3757		
	4CR-UP	1567211		4905618
	BDT1-UP	2083619		
	38S-UP	7N7711		N/A
	4BZ00117-UP	1484439		
	38S-UP	4N2246		4609789
	38S1-UP	4W1756		

OR OPTION 2 – CUSTOMIZE YOUR OWN FOUNDATIONAL LEVEL

ENGINE ARRANGEMENT	GASKET KITS											
	SINGLE FUEL INJECTOR KIT	SINGLE CYLINDER HEAD KIT	OIL COOLER AND LINES KIT	AFTERCOOLER AND LINES KIT	FRONT STRUCTURE KIT	REAR STRUCTURE KIT	TURBOCHARGER INSTALLATION GASKET KIT	WATER PUMP INSTALLATION GASKET KIT	WATER PUMP REBUILD KIT	CENTRAL AND LOWER STRUCTURE KIT	SINGLE CYLINDER LINER GASKET KIT	
1W0256	3879520	4600780	4599781	2196544	4874200	4604724	4858481	1452867	1293068	4600714	1609874	
7W7541	2810029				4600721	4505028	3777037	4604800				
7N7708	N/A				4499116	4600814		4547097	4600714			
6N1158								4780996	4603240	4505028		4604800
8N9231							4600721			4861239		1423035
1W2328	2037767				4861236	2265969		4603240	4882085			4505028
4W1757							N/A			4600780		4604835
6N3757	4780996				4599424	4606283		4599828	4600721			
1567211							4780996			4600780		4602324
2083619	4600780				4599424	4602324		4499116	4603240			
7N7711							4600780			4599424		4602324
1484439	4600780				4599424	4602324		4499116	4603240			
4N2246							4600780			4599424		4602324
4W1756	4600780				4599424	4602324		4499116	4603240			



Select as many gasket and seal kits as you need – also consider adding key components necessary to improve overhaul effectiveness, including:

- Oil filter
- Fuel filter
- Studs
- Thermostat
- Lock nuts
- Bushings
- Washers
- Plugs



*Includes all gaskets and seals required for a complete overhaul and many 100% replacement items – ranging from thermostats to gear bushings.

**Part number listed is for reference only. Please contact your local Cat dealer for ordering.

***Contents will vary based on engine configuration.

ADVANCED LEVEL

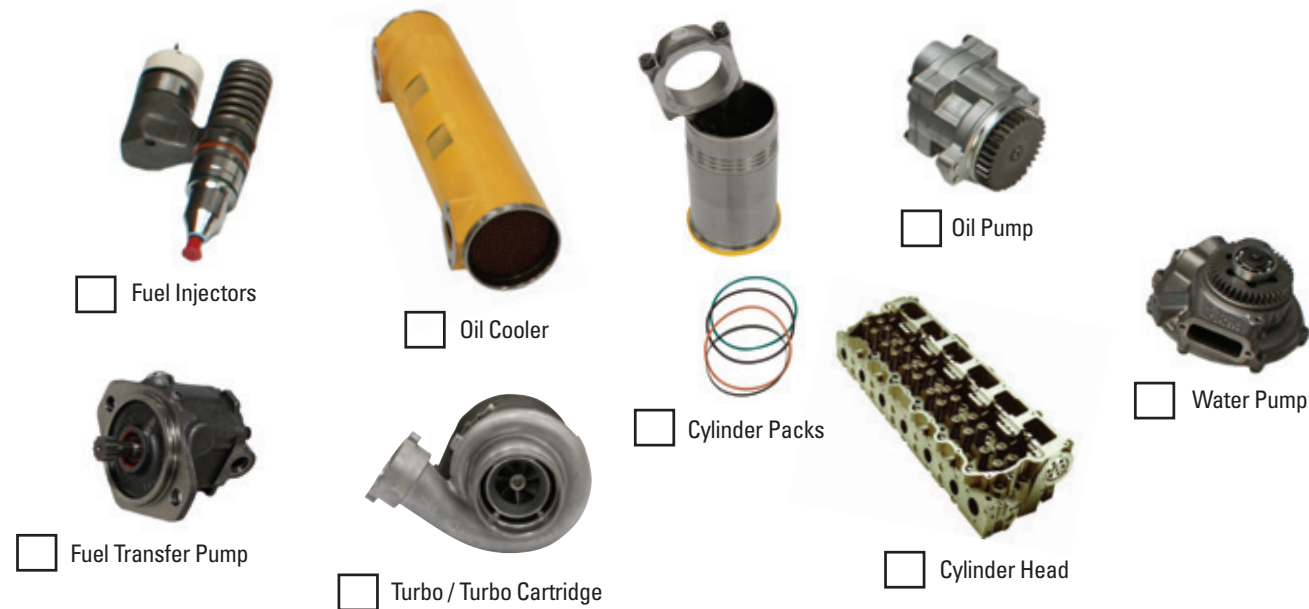
3412 MAJOR OVERHAUL

ADDITIONAL BENEFITS

Keep all the features from our Foundational Level, but with our Advanced Level, you add parts specific to your engine needs. Customize your overhaul – and increase your value.

MAJOR OVERHAUL – ADVANCED LEVEL	
Choose Major Overhaul FOUNDATIONAL LEVEL	✓
Cylinder Head	Choose the FOUNDATIONAL LEVEL option that is right for you, plus ONE OR MORE primary components from this list*
Cylinder Packs	
Fuel Transfer Pump	
Fuel Injectors	
Oil Cooler	
Oil Pump	
Turbo / Turbo Cartridge	
Water Pump	
Ask your dealer for promotions specific to your ADVANCED LEVEL selection.	

*Contents will vary based on engine configuration.



Choose **ONE OR MORE** components

For your most effective overhaul, we recommend inspecting, reconditioning or replacing additional components, including:

- Rod bearings
- Thrust plates
- Main bearings
- Hoses
- Connectors

OPTIMAL LEVEL

3412 MAJOR OVERHAUL

MAXIMUM BENEFITS

Bring your engine to original factory specifications and performance. This is our most comprehensive overhaul solution – and our best value, including all the features and benefits from our Foundational Level.

MAJOR OVERHAUL – OPTIMAL LEVEL	
Choose Major Overhaul FOUNDATIONAL LEVEL	✓
Cylinder Head	Choose the FOUNDATIONAL LEVEL option that is right for you, plus ALL additional primary components from this list*
Cylinder Packs	
Fuel Transfer Pump	
Fuel Injectors	
Oil Cooler	
Oil Pump	
Turbo / Turbo Cartridge	
Water Pump	
Ask your dealer for promotions specific to your OPTIMAL LEVEL selection.	

*Contents will vary based on engine configuration.



Choose **ALL** components

For your most effective overhaul, we recommend inspecting, reconditioning or replacing additional components, including:

- Rod bearings
- Thrust plates
- Main bearings
- Hoses
- Connectors

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