

A black and white photograph of an industrial gas compression facility. The scene features a complex network of large pipes, valves, and cylindrical tanks. In the background, there is a large, dark industrial building and a line of bare trees under an overcast sky. The foreground is a gravel-covered ground.

RESTORE YOUR ENGINE – **AND YOUR UPTIME**

GAS COMPRESSION BUNDLED REPAIR SOLUTION
G3300 Engine Overhaul





ENGINEERED FOR PERFORMANCE.

YOU CUSTOMIZE IT TO YOUR NEEDS.

When it comes to engine maintenance, you need the best solution in the shortest time – at the lowest possible cost.

It's why we've built the G3300 Gas Compression Bundled Repair Solution. It makes ordering parts easier so you can get **back to work faster**.

From component rebuilds to Foundational or Optimal levels, choose the right flexible repair option for your engine. **Genuine Cat® parts** are included, ensuring you maintain the function and efficiency of your gas engine. And all are sold at **bundled repair prices** and backed by our **Cat dealer network**. It's our job to ensure when you rebuild components or overhaul an engine, it runs to your standards.

BUILT FOR IT.

**IT'S BUILT ON
EXPERTISE.
BUILT WITH
QUALITY PARTS.
BUILT FOR EASY
PARTS SELECTION.
BUILT TO MAINTAIN
FUEL EFFICIENCY.
BUILT TO MINIMIZE
OWNING AND
OPERATING COSTS.
BUILT TO RESTORE.
BUILT FOR VALUE.
BUILT TO GET
YOU BACK TO
WORK FASTER.
BUILT BY THE
NAME YOU TRUST.
AND MOST IMPORTANTLY,
BUILT FOR YOU.**

G3300 ENGINE

FOUNDATIONAL KIT

Our prepackaged option includes only genuine Cat parts at bundled pricing. It's engineered for a reliable overhaul, boosting productivity and minimizing downtime. And it's designed to simplify the parts ordering and handling process, shortening turnaround time and minimizing the chance of error.

ENGINE MODEL	ENGINE SERIAL NUMBER PREFIX RANGE	ENGINE ARRANGEMENT	MAJOR OVERHAUL FOUNDATIONAL KIT PART #	
G3300 Oil & Gas	N4F1-UP	222-9043	542-9322	
			542-9379	
	G6X1-UP	222-9039	542-9318	
			542-9397	
			542-9379	
			542-9318	
	222-9040	222-9040	542-9379	
			542-9318	
			37Y1-UP	102-9431
				102-9432
				8N-4921
	8N-5943	8N-5943	542-9414	
			329-9618	542-9416
			102-9436	102-9436
	542-9318			
	542-9397			
	542-9379			
	102-9435	102-9435	542-9318	
			542-9397	
			542-9379	
			542-9318	
			542-9397	
			542-9379	
	7N-4315	7N-4315	542-9318	
			542-9397	
			542-9379	
			542-9318	
			542-9397	
			542-9379	
	7N-6509	7N-6509	542-9379	
542-9318				
9Y-7893				
9Y-7892				
542-9379	542-9379	542-9397		
		542-9397		
		542-9379		
R6S1-UP	329-9619	542-8705		
		542-9436		
		542-8705		
329-9620	329-9620	542-8705		
		542-9379		
HCC-UP	220-5714	542-9318		
		542-9379		
	222-9041	542-9318		
	220-5720	542-9379		
	542-9436			
	222-9042	542-9379		
	542-9436			
	416-8571	542-9379		
	416-8466	542-9379		
	416-1940	542-9379		
SG41-UP	398-4792	542-8705		
		542-8705		

ADDITIONAL PARTS TO CONSIDER WHILE PERFORMING YOUR OVERHAUL

- Cylinder Head
- Turbo Cartridge
- Rod Bearings
- Cylinder Packs
- Oil Cooler
- Main Bearings
- Spark Plugs
- Oil Pump
- Water Pump
- Thrust Plates

Due to multiple engine configurations for these arrangements, please contact your dealer with your complete engine serial number to ensure the correct kit is selected.

CUSTOMIZE YOUR OWN FOUNDATIONAL LEVEL

Depending on your repair options and your current parts inventory, you might need fewer parts than the ones included in the Foundational Kit; for those situations, you can customize your own by selecting one or more of the gasket kits and additional parts mentioned in this section.

ENGINE ARRANGEMENT	GASKET KITS FOR MAJOR OVERHAULS								
	SINGLE CYLINDER HEAD GASKET AND SEAL KIT	OIL COOLER AND LINES GASKET AND SEAL KIT	FRONT STRUCTURE GASKET AND SEAL KIT	REAR STRUCTURE GASKET AND SEAL KIT	TURBOCHARGER INSTALLATION GASKET KIT	WATER PUMP INSTALLATION KIT	CENTRAL AND LOWER STRUCTURE KIT	WATER PUMP REBUILD KIT	SINGLE CYLINDER LINER GASKET KIT
222-9043	107-0621	147-5543	142-0404	6V-2982	N/A	Contact dealer for correct kit part number	542-4688	Contact dealer for correct kit part number	5P-8768
222-9039	149-4912				541-0821				
	541-0038								
222-9040	541-0820				N/A				
	149-4912								
102-9431	541-0038				N/A				
102-9432	541-0820								
8N-4921	107-0621				542-4688				
8N-5943	107-0621								
329-9618	506-0742				Contact dealer for correct kit part number				
102-9436	149-4912	541-0821							
	541-0038								
102-9435	541-0820	N/A							
	149-4912								
7N-4315	541-0038	541-0821							
	541-0820								
7N-6509	149-4912	N/A							
	541-0038								
9Y-7893	149-4912	541-0821							
9Y-7892	149-4912								
329-9619	541-0820	297-3075							
	149-4912								
329-9620	541-0038	N/A							
	541-0821								
220-5714	149-4912	541-0821							
	541-0038								
222-9041	149-4912	N/A							
	541-0038								
220-5720	149-4912	N/A							
	541-0038								
222-9042	149-4912	541-0821							
	541-0038								
416-8571	142-0404	N/A							
416-8466	142-0404								
416-1940	506-0742	N/A							
398-4792	506-0742								

ADDITIONAL PARTS TO CONSIDER TO BUILD YOUR OWN FOUNDATIONAL OVERHAUL KIT

- Oil Filter
- Studs
- O-Rings
- Bushings
- Washers
- Lock Nuts
- Fuel Filter
- Thermostat
- Gaskets

Due to multiple engine configurations for these arrangements, please contact your dealer with your complete engine serial number to ensure the correct kit is selected.

G3300 ENGINE

ADVANCED LEVEL

MAJOR OVERHAUL - ADVANCED LEVEL		
<p>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.</p>		
Choose Major Overhaul – Advanced Level	✓	
Cylinder Head	<p>Choose the FOUNDATIONAL LEVEL option that is right for you, PLUS choose ONE or MORE primary components from this list.*</p>	
Cylinder Packs		
Oil Pump / Cooler		
Spark Plug		
Turbo / Turbo Cartridge		
Water Pump – Jacket Water / Auxiliary – Optional		

OPTIMAL LEVEL

MAJOR OVERHAUL - OPTIMAL LEVEL		
<p>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.</p>		
Choose Major Overhaul – Optimal Level	✓	
Cylinder Head	✓	<p>Choose the FOUNDATIONAL LEVEL option that is right for you, PLUS choose ALL additional primary components from this list.*</p>
Cylinder Packs	✓	
Oil Pump / Cooler	✓	
Spark Plug	✓	
Turbo / Turbo Cartridge	✓	
Water Pump – Jacket Water / Auxiliary – Optional	✓	

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

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

ADVANCED: 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: Choose **ALL** components ✓



* Components will vary by engine configuration. Images are for representative purposes.

* Components will vary by engine configuration. Images are for representative purposes.

BUILT FOR IT.

PEDJ0394 June 2018

© 2018 Caterpillar. All Rights Reserved. CAT, CATERPILLAR, BUILT FOR IT, their respective logos, "Caterpillar Yellow," the "Power Edge" trade dress, as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

