



**RESTORE YOUR ENGINE –  
AND YOUR UPTIME**

**GAS COMPRESSION BUNDLED REPAIR SOLUTION**  
G3516 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 G3516 Gas Compression Bundled Repair Solution. It makes ordering parts easier so you can get **back to work faster**.

From Foundational to Optimal levels, choose a **flexible repair option** for your top end or major overhaul. Only **genuine Cat® parts** are included, ensuring you maintain the function and fuel 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 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.**



# G3516 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	ENGINE ARRANGEMENT	TOP END OVERHAUL FOUNDATIONAL KIT PART #	MAJOR OVERHAUL FOUNDATIONAL KIT PART #
G3516	4EK1-UP	1054176	4549094	4549089
		4P8329		
	WPW1-UP	2733063		
	JEF1-UP	3308202	4551155	4551147

ADDITIONAL PARTS TO CONSIDER WHILE PERFORMING YOUR OVERHAUL				
Cylinder Head	Turbo/Turbo Cartridge	Rod Bearings	Cylinder Packs	Oil Cooler
Main Bearings	Spark Plugs	Oil Pump	Water Pump	Thrust Plates

## 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									
	AFTERCOOLER AND LINES GASKET AND SEAL KIT	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 GASKET KIT	CENTRAL AND LOWER STRUCTURE KIT	WATER PUMP REBUILD KIT	SINGLE CYLINDER LINER GASKET KIT
1054176										
4P8329	4549087	4549181	4549093	4549090	4549092	282-3657	1960237	4549091	2225152	3535995
2733063										
3308202	4551146	4551151	4551148	4409247	4415845	4551153	3047216	4436121		

ADDITIONAL PARTS TO CONSIDER TO BUILD YOUR OWN FOUNDATIONAL OVERHAUL KIT									
Oil Filter	Studs	O-Rings	Bushings	Washers	Lock Nuts	Fuel Filter	Thermostat	Gaskets	

# G3516 ENGINE

## TOP END OVERHAUL

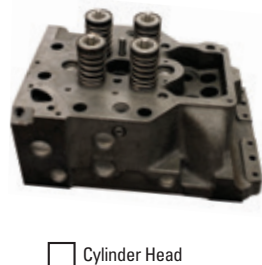
TOP END OVERHAUL – ADVANCED AND OPTIMAL LEVELS			
	ADVANCED	OPTIMAL	
	<b>Additional Benefits:</b> Keep all the features from our Foundational Level, but with our Advanced Level, you add parts specific to your engine needs. Customize your overhaul – and increase your value.	<b>Maximum Benefits:</b> Bring 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.	
Top End Overhaul Foundational Kit	✓		✓
Cylinder Head	Choose the <b>FOUNDATIONAL LEVEL</b> option that is right for you, <b>PLUS</b> choose <b>ONE</b> or <b>MORE</b> primary components from the list.*	Choose the <b>FOUNDATIONAL LEVEL</b> option that is right for you, <b>PLUS</b> choose <b>ALL</b> additional primary components from this list.*	✓
Turbo/Turbo Cartridge			✓
Spark Plug			✓
Water Pump – Jacket Water / Auxiliary – Optional			✓
<b>Ask your dealer for promotions specific to your solution.</b>			

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

**OPTIMAL:** Choose **ALL** components



## MAJOR OVERHAUL

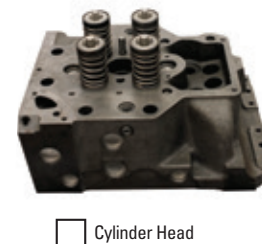
MAJOR OVERHAUL – ADVANCED AND OPTIMAL LEVELS			
	ADVANCED	OPTIMAL	
	<b>Additional Benefits:</b> Keep all the features from our Foundational Level, but with our Advanced Level, you add parts specific to your engine needs. Customize your overhaul – and increase your value.	<b>Maximum Benefits:</b> Bring 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 Foundational Kit	✓		✓
Cylinder Head	Choose the <b>FOUNDATIONAL LEVEL</b> option that is right for you, <b>PLUS</b> choose <b>ONE</b> or <b>MORE</b> primary components from the list.*	Choose the <b>FOUNDATIONAL LEVEL</b> option that is right for you, <b>PLUS</b> choose <b>ALL</b> additional primary components from this list.*	✓
Cylinder Pack			✓
Oil Pump Cooler			✓
Turbo/Turbo Cartridge			✓
Spark Plug			✓
Water Pump – Jacket Water / Auxiliary			✓
<b>Ask your dealer for promotions specific to your solution.</b>			

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

**OPTIMAL:** Choose **ALL** components



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

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**BUILT FOR IT.**

[GasCompressionSupport.cat.com](http://GasCompressionSupport.cat.com)

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