

# CAT<sup>®</sup> SPARK PLUGS

FOR GAS COMPRESSION



# GENUINE CAT® PARTS

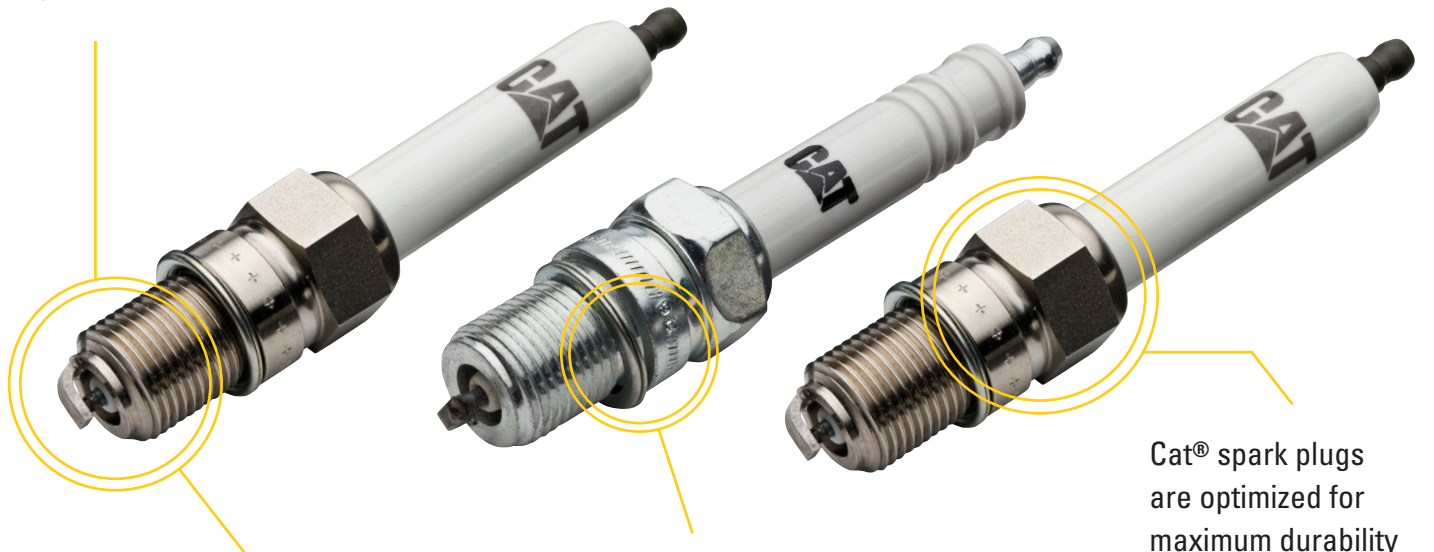
## Cat® Spark Plugs – Guaranteed for Maximum Reliability

Cat® engines operate in all types of applications, and in all environments. Cat genuine parts deliver optimum performance for all industrial applications regardless of how harsh the conditions may be.

Unlike other spark plugs, Cat plugs are designed to provide maximum efficiency during each service interval — and we guarantee it for 12 months!

Cat plugs provide easy installation and removal, limiting the amount of downtime required during each maintenance interval so that your engine is back up and running as soon as possible.

The larger platinum ground electrode is designed to increase heat transfer, reduce plug tip temperature and extend precious metal life.



An Iridium center electrode provides maximum wear resistance resulting in increased reliability and less need for regapping.

The self-retained gasket stays in place for easy installation and removal.

Cat® spark plugs are optimized for maximum durability and to provide extended service life.

	479-7702	243-4291
Spark Plug Type	Iridium/Platinum	Iridium/Platinum
Gap Size	.00110 inch .02800 mm	.00114 inch .02900 mm
Overall Length	4.51 inch 114.554 mm	4.31 inch 109.600 mm
Installed Height	3.5 inch 88.900 mm	3.5 inch 88.900 mm
Hex Size	0.813 inch 22.230 mm	0.875 inch 22.225 mm
Thread Size	0.709 inch 18.000 mm M18 x 1.5	0.709 inch 18.000 mm M18 x 1.5
Ground Electrode Diameter	0.29 inch 7.366 mm	0.25 inch 6.400 mm
Ground Electrode Material	Platinum	Platinum
Center Electrode Material	Iridium Firing Tip	Iridium Firing Tip
Resistor Plug	Yes	Yes

## » INSTALLATION TIPS

- Always avoid touching the ceramic insulator, so as not to contaminate the spark plug.
- Always re-gap spark plugs when they have been removed.
- Always use a new gasket when installing a spark plug.
- Spark plugs should be turned into the seat by hand.
- Always install spark plugs with a torque wrench and spark plug socket.

## » REMOVAL TIPS

- Never use power tools to remove spark plugs.
- Spark plugs should be removed by hand after breaking initial torque.
- If unable to remove by hand, apply penetrating oil to the threads and rock the spark plug back and forth until loose.
- Once removed, clean the spark plug with Spark Plug Seat Cleaner to remove debris from seat and thread.

## » SPARK PLUG TOOLS

4C-4601	Spark Plug Socket
9S-5031	Socket – 5/8" Deep Wall
216-1685	Spark Plug Socket
154-9521	14mm Thread/Seat Cleaner
9U-7511	18mm Thread/Seat Cleaner

## » THE CAT ADVANTAGE

- All Cat parts come with a 12-month warranty against defects in material and workmanship.
- Genuine Cat parts offer the right price for your commercial engine.
- Cat parts provide something that other brands can never match — total support of your Caterpillar Authorized Dealer. See your Caterpillar Authorized Dealer for specific part numbers for your engine.



**SAFETY NOTE:** Always ensure that your engine is cool prior to installing or removing the spark plug. Failure to do so, could result in bodily injury.

# WHY CAT PARTS?

## » GUARANTEED FOR FIT AND FUNCTION

Cat parts offer the right combination of quality and price for your engines. Caterpillar follows a rigorous process of quality control that is unmatched by competitors. Plus, Cat parts provide something that other brands can never match — the total support available at Caterpillar authorized service locations.

## » CONSTRUCTED OF TOP-QUALITY MATERIALS

Cat parts are built to exact, original specifications by our engineers and are rigorously tested to ensure maximum performance.

## » PRECISELY MATCHED TO OTHER CAT COMPONENTS

Cat parts are precisely matched to other Cat components for an exact fit to deliver greater reliability, enhanced durability and longer life to your Cat equipment.

## » LARGEST INVENTORY OF REPLACEMENT PARTS

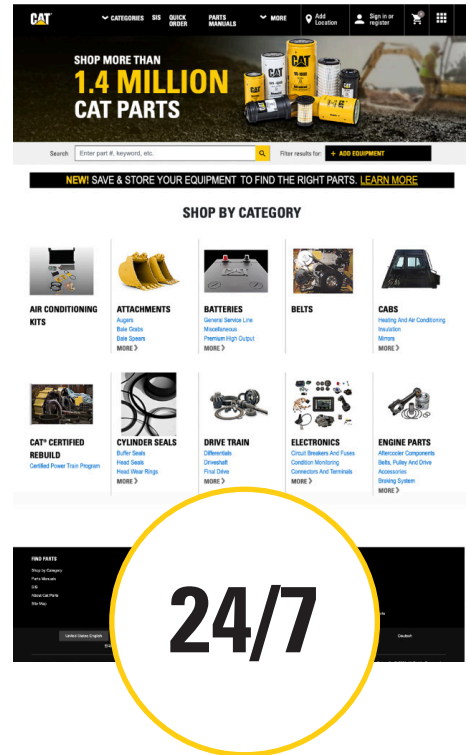
We maintain the largest inventory of replacement parts in the industry to ensure the best availability. You can receive your parts either the same day or the next day, no matter where you work.

## » MAXIMIZE THE RELIABILITY OF YOUR EQUIPMENT

By using only genuine Cat parts, you maintain the integrity of your equipment and maximize its reliability.

## » 12-MONTH WARRANTY BACKED BY CATERPILLAR

Cat parts come with a 12-month warranty backed by Caterpillar and supported by dealers around the world.



## ORDER AND ACCESS 24/7

Looking for ongoing access to information on the Cat parts, tools, and materials you need to get the job done?

You'll find it at **parts.cat.com**. Or, contact your local Cat dealer for all the parts and services that Caterpillar has designed to help you cut operating costs.