

# REPAIR OPTIONS

Tractors Singapore



**FREE COVERAGE**

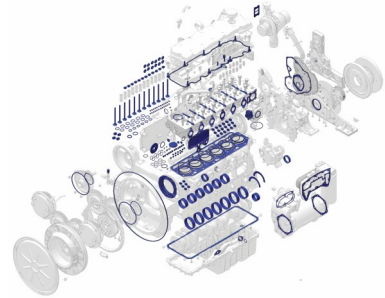
**C9 Engines**  
**330C/330D/336D/D6R**



**Now Come With  
"FREE EPP"**

# WE OFFER VARIOUS REPAIR OPTIONS

- ▶ Expert advice from qualified Cat® dealer specialists
- ▶ Highly skilled and trained technicians
- ▶ Workshops and service team equipped with advance technology and tooling
- ▶ Use of genuine Cat parts
- ▶ 1 year warranty on parts and workmanship
- ▶ 6 Options to choose from to suit your needs



## Option 1: Fuel System Repair

Turnaround Time: 2 Days

\*Subject to parts availability

## Option 2: Top End Overhaul

Turnaround Time: 5 Days

\*Subject to parts availability

## Option 2+: Top End Overhaul+ HEUI Pump

Turnaround Time: 5 Days

\*Subject to parts availability

## Option 3: Complete Overhaul + Free EPP

*Exclude Major Components:*

- Engine cylinder block
- Crankshaft
- Engine control module
- Engine harness
- Air cleaner housing
- Exhaust manifold
- Damper and pulley
- Blower/Suction fan
- Flywheel and ring gear
- Rear housing
- Front housing
- Front timing gears
- Engine mountings
- Engine oil sump
- Air conditioner refrigerant compressor
- Transmission oil coolers
- Pistons and Con rods
- Rocker arms and shafts

## Option 4A: Reman Options

Long Block  
Short Block

## Option 4B: Build Your Own List

Up to 40% discount  
Min. purchase of S\$5,000 to  
enjoy the special pricing

Note: This drawing illustrates only some of the Option 3 parts. If you wish to know the specific parts included in each of the repair options, please refer to the work scope and contact your Parts & Service Sales Rep.

### APPLICABLE EQUIPMENT

Machine Model	Machine Serial No. Prefix	PREFIX OF C9
330C	KDD, GKX	4ZF
330D	FFK, NBD	THX / TXD
336D/2	PRF, ZML, L5X, EF3	THX / TXD / THY
D6R	BPP, BPZ, BRZ, LGP, S6T, S6Y, S6X, PPP, SSS	4ZF/ THX / TXD

#### Exclusion Items:

- Machining and metal fabrication works.
- Removal and installation of engine to and from machine.
- Transportation.
- Servicing of Radiator and Aftercooler.

#### Terms & Conditions:

- Applicable to specific Cat equipment model only.
- Option 1, 2 & 2+ are field service repair options.
- Option 3 is in-workshop repair.
- Customer to arrange lifting facility on site.
- Offer valid till 22nd Dec 2025.
- Additional charge of SGD\$250 for Fuel System Engine Repair at Tekong Island site.
- There will be no shelter, storage area, tooling or parts to be transported by passenger ferry to Tekong Island.
- Engine TEO job is applicable to Singapore mainland only.
- Lifting machine (e.g. crane, signalman, rigger and lifting supervisor) to be supplied by customer and lifting work to comply to safety regulation.
- EPP is valid for **2 years/ 5000 hours, whichever come first** and applicable to parts change during engine complete overhaul (Option 3).

TSL C9 Repair Option Workscope	Fuel System	Top End	Top End & HEUI Pump	Complete Overhaul
	Option 1	Option 2	Option 2+	Option 3
Remove, install turbocharger for recondition or exchange.		✓	✓	✓
Remove, install cylinder head for recondition or exchange.		✓	✓	✓
Remove, install and replace fan belt.		✓	✓	✓
Remove, install all fuel injectors for exchange.	✓	✓	✓	✓
Remove, install HEUI pump for exchange.	✓		✓	✓
Remove, install fuel priming pump for recondition or replacement.	✓		✓	✓
Remove, install injector harness for replacement.	✓	✓	✓	✓
Re-program injectors with trim codes.	✓	✓	✓	✓
Replace engine oil, oil filter, fuel filter & fuel water separator.	✓	✓	✓	✓
Replace valve cover seal / gasket.	✓	✓	✓	✓
Remove, install valve mechanism group for recondition.		✓	✓	✓
Remove, install exhaust manifold for cleaning and checking.		✓	✓	✓
Clean and inspect fumes disposal group and replace engine breather.		✓	✓	✓
Clean and inspect fuel lines group.		✓	✓	✓
Clean and inspect water lines & air lines group.		✓	✓	✓
Replace water regulator and clean housing.		✓	✓	✓
Replace top end overhaul gaskets & seals.		✓	✓	✓
Replace air filters.		✓	✓	✓
Remove, install lube oil pump for recondition or exchange.				✓
Remove, install fresh water pump for recondition or exchange.				✓
Remove, install fan drive group for recondition.				✓
Remove, install starter motor for recondition or exchange.				✓
Remove, install alternator for recondition or exchange.				✓
Clean and pressure test lube oil cooler.				✓
Check engine wiring, harness and sensors.				✓
Remove, install all pistons and rods for inspection.				✓
Remove, install crankshaft for checking.				✓
Remove, replace and install crankshaft main & thrust bearings and con rod bearings.				✓
Remove, install camshaft for checking or replacement, if required.				✓
Remove, install front and rear housings & gear train for checking.				✓
Remove, install and clean front timing gears for checking.				✓
Remove, install and clean flywheel for checking.				✓
Clean and inspect cylinder block group.				✓
Clean and inspect oil lines group.				✓
Inspect/Replace hoses and clamps.				✓
Replace all gaskets & seals.				✓
Perform dynamometer test.				✓
Carry out standard spray painting.				✓
Start up and test engine.	✓	✓	✓	✓
Equipment Protection Plans (EPP)				✓
Flat Rated SGD	S\$7,800	S\$18,500	S\$20,000	S\$35,500

### Option 4A: Reman Options

10R9062	Short Block	\$14,000
20R5406	Block G Long	\$17,300
20R5471	Block G Long	\$17,000

### Option 4B: Build Your Own List

Build up your own repair kit with Genuine Cat® Parts.

*T&Cs for Build Your Own List:*

- BYOL minimum purchase of S\$5,000 parts value per transaction, exclude core deposits, taxes or other charges.
- Parts purchased are non-returnable.
- Only for specific parts that will be used in this C9 repair options.
- Parts must be ordered thru Sales Rep to enjoy special pricing. Not valid for use with other marketing program, discount or parts.cat.com orders.
- Model and serial no. is required when placing order.
- Other terms and conditions for quotation and sales applies.
- Offer valid till 22nd Dec 2025.

**Speak with us and find out which Repair Option suit you the most.**

Because at Tractors Singapore, we ensure that you get the best advice and service from our highly skilled dealer specialist to keep your equipment performing at its best.

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