

CAT[®] C18 REPAIR OPTIONS

. Engine Repair



Applicable Model and Serial Number Prefix:

Cat 745 Drive Train
S/N Prefix: LFK & 3F6

Cat C18 Engine
S/N Prefix: TXW



Now Come With
“FREE EPP”

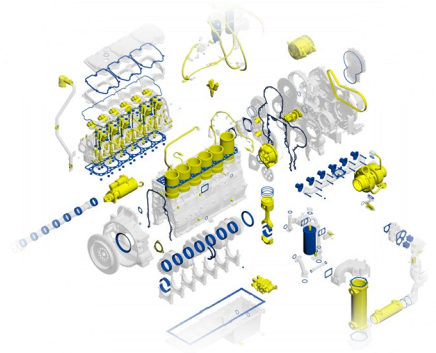
Tractors Singapore



OUR REPAIR OPTIONS

More choice to keep your business moving

- Choice of five Repair Options
- Caterpillar certified technicians
- Genuine Cat® parts
- Fixed prices - no hidden extras
- 1 year warranty on parts and workmanship



Note: This drawing illustrates only some of the Repair Options 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.

Cat® C18 Engine (S/N Prefix: TXW)

Option 1: Fuel System Repair

*** Additional charge of SGD\$250 at Tekong Island site.

Guarantee turnaround time subject to parts availability.

Option 2: Top End Overhaul

Guarantee turnaround time subject to parts availability.

Option 3: Complete Engine Overhaul + Free EPP

- X Engine cylinder block & main bearing caps
- X Crankshaft
- X Engine Control Module (ECM)
- X Engine harnesses
- X Air cleaner housing group
- X Exhaust manifolds
- X Damper and pulley
- X Blower/Suction fan assembly
- X Flywheel assembly
- X Rear housing
- X Front housing
- X Front timing gears
- X Rear gears train
- X Engine mountings
- X Engine oil sump
- X Air conditioner refrigerant compressor

Add on charges for above listed items, if required for replacement.

Option 4: Reman Engine / Component

Long Block
Short Block

Option 4: Build Your Own List (BYOL)

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

Exclusion Items

- Removal and installation of engine from and to machine.
- Transportation.
- Machining and metal fabrication works, or any engineering works.
- Servicing of radiator, aftercooler, hydraulic oil cooler, hydraulic brake pump, after cooler gear pump, transmission oil cooler.
- Uncouple and couple of transmission group c/w torque converter group.

Terms and Conditions:

- Customer to arrange lifting facility on site.
- Guarantee turnaround time exclude machining and metal fabrication works, weekends and public holidays.
- Offer valid from 1st July 2025 to 22nd Dec 2025.
- 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.
- Equipment Protection Plans (EPP) is valid for **2 years/ 5000 hours, whichever come first** and applicable to parts change during engine complete overhaul (Option 3).



FREE COVERAGE

2 Years

Equipment Protection Plans for selected
Repair Option.



Cat 745-C18 Engine Repair Options 1 to 5 Workscope

	OPTION 1	OPTION 2	OPTION 3
Remove, install fuel transfer pump for exchange.	X		X
Remove, install fuel priming pump for recondition/replacement.	X		X
Re-program injectors with trim codes.	X		X
Replace engine oil filter, fuel filter and fuel water separator.	X		X
Replace valve cover seal / gasket.	X		X
Change engine lube oil with Cat DEO.	X	X	X
Remove, install and replace injector harness.	X	X	X
Remove, install all fuel injectors for exchange.	X	X	X
Remove, install turbocharger for recondition or exchange.		X	X
Remove, install cylinder head for recondition or exchange.		X	X
Remove, install and replace fan belt.		X	X
Remove, install valve mechanism group for recondition.		X	X
Remove, install exhaust manifolds for cleaning and checking.		X	X
Clean and inspect fumes disposal group and replace engine breather.		X	X
Clean and inspect fuel lines group.		X	X
Clean and inspect water lines and air lines group and replace seals and gaskets.		X	X
Replace water regulator and clean housing.		X	X
Replace top end overhaul gaskets and seals.		X	X
Change lube oil and filters.		X	X
Remove, install lube oil pump for recondition or exchange.			X
Remove, install fresh water pump for recondition or exchange.			X
Remove, install fan drive group for recondition.			X
Remove, install starter motor for recondition or exchange.			X
Remove, install alternator for recondition or exchange.			X
Clean and pressure test engine lube oil cooler.			X
Check engine wiring, harness and sensors.			X
Remove, install all pistons and rods for inspection and replace piston ring groups.			X
Remove, install crankshaft for checking.			X
Remove, install and replace crankshaft main and thrust bearings and con rod bearings			X
Remove, install camshaft for checking or replacement, if required.			X
Remove, install and clean flywheel housing and rear gear train for checking			X
Remove, install and clean front housing and front timing gears for checking.			X
Remove, install and clean flywheel for checking.			X
Clean and inspect cylinder block group and replace cylinder liners.			X
Clean and inspect oil lines.			X
Inspect/Replace hoses and clamps.			X
Replace all gaskets and seals.			X
Perform dynamometer test.			X
Carry out standard spray painting.			X
Start up and test engine.	X	X	X
Equipment Protection Plans (EPP)			X
VALUE SGD	\$6,950	\$40,800	\$51,200

Terms and conditions apply.

OPTION 5 Build Your Own List

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

T&Cs for Build Your Own List:

- Offer valid from 1st July 2025 to 22nd Dec 2025.
- BYOL minimum purchase of S\$5,000 parts value, exclude core deposits, taxes or other charges.
- All parts / service order must be placed thru the Sales Rep to enjoy special pricing. Not valid for use with other marketing program, discount or parts.cat.com.
- All parts used in the Repair Option is subjected to factory availability.
- Model and serial no. required when placing order for the Repair Options.
- Parts purchased in BYOL are non-returnable and non-refundable.
- Other terms and conditions for quotation and sales order apply.
- Tractors Singapore Limited reserves the right to modify or cancel the program anytime.

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

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.

Lee Tiong Heng

Tel: +65 9232 7608

Email: lee.tiong.heng@tractors.sime.com

Ron Woo

HP: +65 9232 7617

Email: woo.chung.wai@tractors.sime.com

Jeffrey Wong

HP: +65 9231 5138

Email: jeffrey.wong.ky@tractors.sime.com

Jasper Yin

HP: +65 9232 7622

Email: jasper.yin.yl@tractors.sime.com

Tractors Singapore Limited

26 Benoi Sector, Singapore 629858

Tel: (65) 6663 8890

Email: parts.tsl@tractors.sime.com



Tractors Singapore



*This image is only for illustration purpose.