

# CAT® 740 REPAIR OPTIONS

- Engine Repair
- Drive Train Repair



**Applicable Model and Serial Number Prefix:**

**Cat® 740 Drive Train  
S/N Prefix: B1P**

**Cat C15 Engine  
S/N Prefix: TXG & LHX**



**Tractors Singapore**

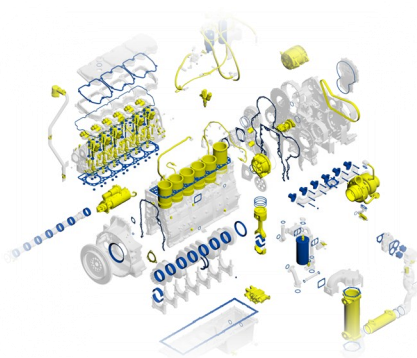




# OUR REPAIR OPTIONS

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® C15 Engine (S/N Prefix: TXG & LHX)

740 — C15 REPAIR OPTIONS	
Repair Option	Description of Repair
Option 1	Fuel System Repair *** Additional charge of SGD\$250 at Tekong Island site.
Option 2	Top End Overhaul
Option 3	Complete Engine Overhaul
Option 4	Reman Engine / Component
Option 5	Build Your Own List (BYOL)

## Cat® 740 Drive Train (S/N Prefix: B1P)

740 — DRIVE TRAIN REPAIR OPTIONS	
Repair Option	Description of Repair
Option 1	Output Transfer Gear Group, Transmission c/w Torque Converter Group, Transmission Oil Pump and Oil Cooler
Option 2	Transmission c/w Torque Converter Group, Transmission Oil Pump and Oil Cooler
Option 3	Output Transfer Gear Group, Transmission c/w Torque Converter Group
Option 4	Output Transfer Gear Group
Option 5	Build Your Own List (BYOL)



**FREE COVERAGE**

# 2 Years

Equipment Protection Plans for selected Repair Option.





# Cat 740 — C15 Engine Repair Options

## S/N Prefix: TXG & LHX

### 5 Repair Options Available

OPTION 1 Fuel System Repair	OPTION 2 Top End Overhaul	OPTION 3 Complete Engine Overhaul	OPTION 4 Reman Engine / Component	OPTION 5 BYOL
Field Service	Field service	Workshop	Direct Parts Purchase	Direct Parts Purchase

#### Exclusion Items

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

#### Terms and Conditions:

- Add on charges for above additional work scopes or item replacement, if required.
- Customer to arrange lifting facility on site.
- Guarantee turnaround time exclude machining and metal fabrication works, weekends and public holidays.
- Guarantee turnaround time subject to parts availability.
- 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 to be supplied by customer, and lifting work to comply to safety regulation.

#### Major component excluded from complete engine overhaul

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

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

#### Terms & Conditions

- Offer valid till 22nd Dec 2025.
- 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.
- Model and serial no. required when placing order for the Repair Options.
- All parts used in the Repair Option is subjected to factory availability.
- 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).
- BYOL minimum purchase of S\$5,000 parts value, exclude core deposits, taxes or other charges.
- Parts purchased in BYOL are non-returnable and non-refundable.
- Guaranteed turnaround days also subject to parts availability.
- Other terms and conditions for quotation and sales order apply.
- Tractors Singapore Limited reserves the right to modify or cancel the program anytime.

# Cat 740-C15 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
Flat Rate SGD	\$6,900	\$22,500	\$44,000

OPTION 4		
10R9063	Short Block	S\$16,800
10R9068	Long Block	S\$25,500

OPTION 5
Build Your Own List (BYOL) Up to 40% discount. Min. purchase of S\$5,000 to enjoy the special pricing

Terms and conditions apply.



# Cat 740 — Drive Train Repair Options

## S/N Prefix: B1P

### 5 Repair Options Available

740 — ADT DRIVE TRAIN REPAIR OPTIONS	
Repair Option	Description of Repair
Option 1	Output Transfer Gear Group, Transmission c/w Torque Converter Group, Transmission Oil Pump and Oil Cooler
Option 2	Transmission c/w Torque Converter Group, Transmission Oil Pump and Oil Cooler
Option 3	Output Transfer Gear Group, Transmission c/w Torque Converter Group
Option 4	Output Transfer Gear Group
Option 5	Build Your Own List (BYOL)
<p><b>Exclusions:</b></p> <ul style="list-style-type: none"> <li>• Transportation of machine to/from Tractors Singapore Limited (TSL) workshop</li> <li>• Machining and metal fabrication works</li> </ul> <p>Add on charges for above additional work scopes, if require.  <i>Terms and Condition apply.</i></p>	
<p><b>Terms &amp; Conditions</b></p> <ul style="list-style-type: none"> <li>• Offer valid till 22nd Dec 2025.</li> <li>• 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.</li> <li>• Model and serial no. required when placing order for the Repair Options.</li> <li>• All parts used in the Repair Option is subjected to factory availability.</li> <li>• Equipment Protection Plans (EPP) is valid for <b>2 years/ 5000 hours, whichever come first</b> and applicable to parts change during <b>Level 2 Drive Train Repair Option 1, 2 &amp; 3.</b></li> <li>• BYOL minimum purchase of S\$5,000 parts value, exclude core deposits, taxes or other charges.</li> <li>• Parts purchased in BYOL are non-returnable and non-refundable.</li> <li>• Other terms and conditions for quotation and sales order apply.</li> <li>• Tractors Singapore Limited reserves the right to modify or cancel the program anytime.</li> </ul>	



**FREE COVERAGE**

## 2 Years

Equipment Protection Plans for selected Repair Option.



## CAT 740—ADT REPAIR OPTION 1

Output Transfer Gear Group, Transmission c/w Torque Converter Group, Transmission Oil Pump and Oil Cooler

Workscope	Level 1	Level 2
To remove & install output transfer gear group, transmission c/w torque converter group, transmission pump & drive group and transmission oil cooler.	✓	✓
To clean and pressure test transmission oil cooler.	✓	✓
To disassemble and assemble output transfer gear group, transmission c/w torque converter group, and transmission pump & drive group for resealing and rebearing.	✓	
To replace worn off seals, bearings and gaskets (excludes clutch friction discs & plates, pistons & clutch housings, gears & housings, shafts, valve spools and valve groups, torque converter impeller, stator, turbine wheel and housings, carriers, yokes & flanges, harnesses, transmission oil cooler group and transmission pump group).	✓	
To disassemble and assemble output transfer gear group, transmission c/w torque converter group and transmission pump & drive group for inspection and reconditioning.		✓
To replace worn off seals, bearings & gaskets, worn off clutch friction discs & plates, (excludes pistons & clutch housings, gears & housings, shafts, valve spools and valve group, torque converter impeller, stator, turbine wheel and housings, carriers, yokes & flanges, harnesses, transmission oil cooler group and transmission pump group).		✓
To change output transfer gear group & transmission oil and replace oil filters and seals.	✓	✓
To perform transmission pressure testing and re-programming of transmission software.	✓	✓
To perform functional test upon job completion.	✓	✓
Equipment Protection Plans (EPP)		✓
Flat Rate SGD	\$33,200	\$49,800

## CAT 740—ADT REPAIR OPTION 2

### Transmission c/w Torque Converter Group, Transmission Oil Pump and Oil Cooler

Workscope	Level 1	Level 2
To remove & install transmission c/w torque converter group, transmission pump & drive group and transmission oil cooler.	✓	✓
To clean and pressure test transmission oil cooler.	✓	✓
To disassemble and assemble transmission c/w torque converter group, and transmission pump & drive group for resealing and rebearing.	✓	
To replace worn off seals, bearings and gaskets (excludes clutch friction discs & plates, pistons & clutch housings, gears & housings, shafts, valve spools and valve groups, torque converter impeller, stator, turbine wheel and housings, carriers, yokes & flanges, harnesses, transmission oil cooler group and transmission pump group).	✓	
To disassemble and assemble transmission c/w torque converter group and transmission pump & drive group for inspection and reconditioning.		✓
To replace worn off seals, bearings & gaskets, worn off clutch friction discs & plates, (excludes pistons & clutch housings, gears & housings, shafts, valve spools and valve group, torque converter impeller, stator, turbine wheel and housings, carriers, yokes & flanges, harnesses, transmission oil cooler group and transmission pump group).		✓
To change transmission oil and replace oil filter and seals.	✓	✓
To perform transmission pressure testing and re-programming of transmission software.	✓	✓
To perform functional test upon job completion.	✓	✓
Equipment Protection Plans (EPP)		✓
Flat Rate SGD	\$26,400	\$41,500

## CAT 740—ADT REPAIR OPTION 3

### Output Transfer Gear Group, Transmission c/w Torque Converter Group

Workscope	Level 1	Level 2
To remove & install output transfer gear group and transmission c/w torque converter group.	✓	✓
To disassemble and assemble output transfer gear group and transmission c/w torque converter group for resealing and rebearing.	✓	
To replace worn off seals, bearings and gaskets (excludes clutch friction discs & plates, pistons & clutch housings, gears & housings, shafts, valve spools and valve groups, torque converter impeller, stator, turbine wheel and housings, carriers, yokes & flanges, harnesses).	✓	
To disassemble and assemble output transfer gear group, transmission c/w torque converter group for inspection and reconditioning.		✓
To replace worn off seals, bearings & gaskets, worn off clutch friction discs & plates, (excludes pistons & clutch housings, gears & housings, shafts, valve spools and valve group, torque converter impeller, stator, turbine wheel and housings, carriers, yokes & flanges, harnesses).		✓
To change output transfer gear group & transmission oil and replace oil filters and seals.	✓	✓
To perform transmission pressure testing and re-programming of transmission software.	✓	✓
To perform functional test upon job completion.	✓	✓
Equipment Protection Plans (EPP)		✓
Flat Rate SGD	\$31,300	\$46,500



CAT 740—ADT REPAIR OPTION 4

Output Transfer Gear Group

Workscope	Level 1	Level 2
To remove & install output transfer gear group.	✓	✓
To disassemble and assemble output transfer gear group for resealing & rebearing.	✓	
To replace worn off seals, bearings and gaskets (excludes discs & plates, gears & housings, shafts, valve groups, carriers, yokes & flanges).	✓	
To disassemble and assemble output transfer gear group for inspection and reconditioning.		✓
To replace worn off seals, bearings and gaskets, worn off discs & plates, (excludes gears & housings, shafts, valve groups, carriers, yokes & flanges).		✓
To change output transfer gear oil and replace oil filter and seals.	✓	✓
To perform functional test upon job completion.	✓	✓
Flat Rate SGD	\$14,600	\$17,600

CAT 740—ADT REPAIR OPTION 5

Build Your Own List

OPTION 5
Build Your Own List (BYOL) Up to 40% discount. Min. purchase of S\$5,000 to enjoy the special pricing

***Did you know we have other Repair Options available for your other Cat machines?***

**SPEAK TO US!**

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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\*This image is only for illustration purpose.

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