

SEMPARTS 
Matched to your needs 

SEM 816D&822D Repair Options



Repair Options is the aftermarket solution for customers, which is offered by SEM dealers.

Brand new parts, component exchange, overhaul and different repair levels, these are regarded as Repair Options.

Offer broad range of parts and Repair Options to customers. Those are easy to order with a wide coverage, which could help customers maximize the machine value.

BROAD RANGE OF REPAIR OPTIONS

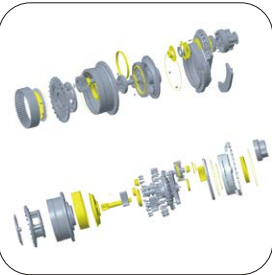
“I want more than just new and like-new options. I want solutions that match my machine life and price point requirement”



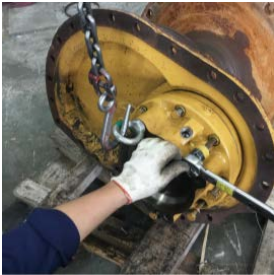
SEM SELECT Parts

EXPERT ADVICE & REPAIR

“I want someone to work with me to identify my specific repair needs, then help me understand what options are available to meet them”



Repair Options Kits



Dealer Rebuild

TIMELY QUOTE & REPAIR

“I want to immediately be advised of price, availability of any alternate parts”



Dealer Components Exchange



New Components

Repair Option Framework

Primary Purchase Driver (s)	OWNERSHIP			
	Uncertain	←	→	Longer
	Lower	←	→	Higher
	Sensitive	←	→	Prefers Guaranteed
	PRICE			
	Flexible	←	→	Fast
	TURN/AROUND			
Attributes	<ul style="list-style-type: none">• Extends life• Before Failure• 100% New Parts Replacement• Lower Cost	<ul style="list-style-type: none">• Extends life• Before Failure• Lower Cost	<ul style="list-style-type: none">• Before or After Failure• Immediate availability for exchange	<ul style="list-style-type: none">• After Failure• Immediate availability
Target Price Point Relative to Factory New	< 30%	20 – 50%	40 – 70%	100%
Enhanced reuse & salvage results in lower price point.				
Possible Repair Options offer	Level 1 Reseal & Rebearing	Level 2 Reseal & Rebearing Plus	Level 3 Overhaul/Exchange	Level 4 New
Product	<ul style="list-style-type: none">• Includes bearings, seals, gaskets and normal one-life “wear” parts.• Paper or Stock Kits Offering	<ul style="list-style-type: none">• Includes all Level 1 parts• Replaces or Reconditions other critical parts• Customer can specify additional parts	<ul style="list-style-type: none">• Dealer Rebuild, Dealer floating components• Including All Level 1 parts.• All parts are inspected	<ul style="list-style-type: none">• New components Replacement• Reset Component Hours to Zero





Advantages For Customers

- Improved speed and convenience by being able to order and receive all at once the most common wear items needed to complete the repair job.
- Protects and extends the life of major components by replacing inexpensive wear parts.
- Allows you to schedule downtime, and plan for maintenance and repair costs.

Repair Option Classification

Real Kit

- ✓ It is an orderable and serviceable part number with a HTS code, all China and International customers can place order in DCP or Antares, this kit is much easier to own for customers, such as Seal kit

Paper Kit

- ! Paper kit is not serviceable, but it is consisting of several individual service parts for repair/service. Dealer should order the sub-level service parts. Detailed sub-level service parts list can be viewed in DCP, such as Repair kit, PM kit, Mid-life repair kit, Overhaul repair kit.



More Repair Options are under development, if you have further questions, please contact your regional Aftermarket Service Representatives.



ENGINE ESTIMATED OVERHAUL TIME

20

HOURS

Engine Target remove & install

76

HOURS

Engine Target overhaul time

10K

HOURS

Engine Target overhaul SMU*

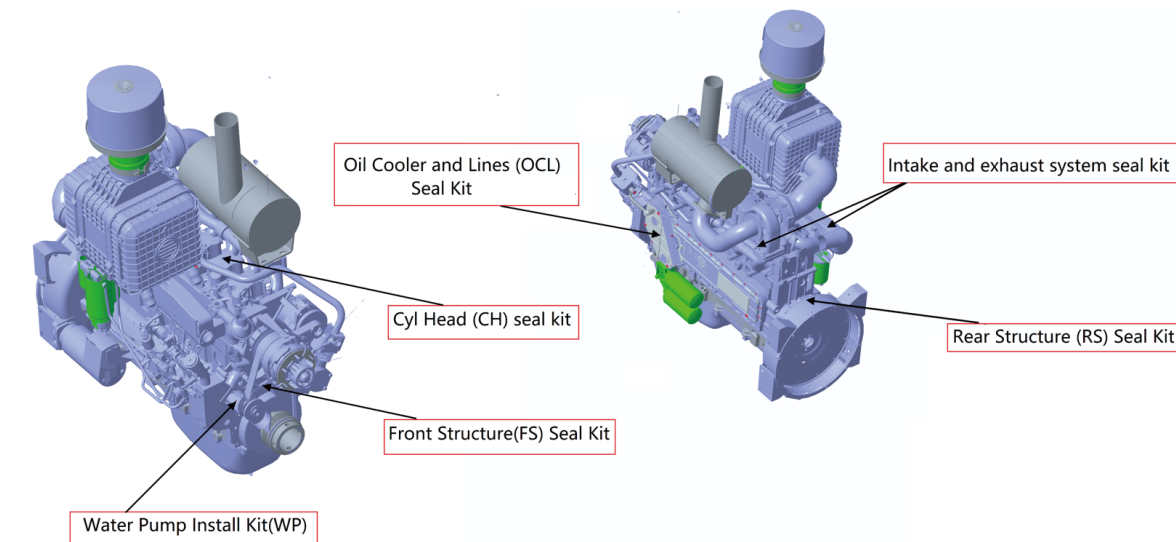
*Actual optimum hours may be approximately 2,000 higher/lower depending on maintenance practices and application.

CONFIGURE YOUR REBUILD & CHECK PRICING

- 1 Consult with your local dealer to choose the most suitable repair option.
- 2 Select from the recommended parts lists or kits on the following pages
- 3 Check pricing and availability with your local dealer

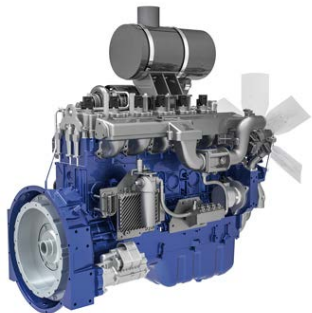


Sales Model	Engine KITS							
	Engine arrangement	Real kits					Paper kit	
		Front Structure(FS) Seal Kit	Oil Cooler and Lines (OCL) Seal Kit	Intake and exhaust system seal kit	Crankshaft seal kit	Piston & Liner Reapir Kit	Mid-life repair kits	Overhaul repair kits
816D	5478360 (T2)	6385553	6385554	6385555	6385552	6423476	SE_PE5478360KIT01	SE_PE5478360KIT02
822D	5609419 (T2)	6385553	6388456	6388457	6385552	6423485	SE_PE5609419KIT01	SE_PE5609419KIT02



Mid-life Repair Kits Consist

- LINER
- PISTON
- PIN-PISTON
- RTNR-PIN
- RING-PISTON
- SEAT
- VALVE
- BRDG-VALVE
- RETAINER
- SPRING
- GUIDE
- INJECTOR GP
- GASKET/ SEAL
- HOSE



Overhaul Repair Kits Consist

- LINER
- PISTON
- PIN-PISTON
- RTNR-PIN
- RING-PISTON
- SEAT
- VALVE
- BRDG-VALVE
- RETAINER
- SPRING
- GUIDE
- INJECTOR GP
- GASKET
- SEAL
- HOSE
- PUSHROD AS
- TAPPET
- ROD GP
- BEARING
- RGLTR AS
- OIL PUMP GP
- SENSOR AS
- TURBOCHARGER
- WATER PUMP GP
- THERMOSTAT
- CORE-OIL COOLER
- TURBOCHARGER BOLT
- STUD
- CYLINDER HEAD BOLT

FINAL DRIVE ESTIMATED OVERHAUL TIME

20

HOURS

Final drive Target remove & install

44

HOURS

Final drive Target overhaul time

6K

HOURS

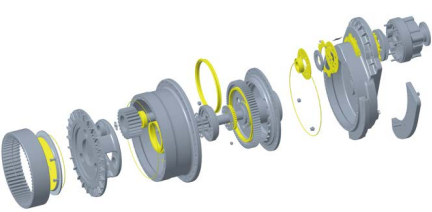
Final drive Target overhaul SMU*

*Actual optimum hours may be approximately 2,000 higher/lower depending on maintenance practices and application.

CONFIGURE YOUR REBUILD & CHECK PRICING

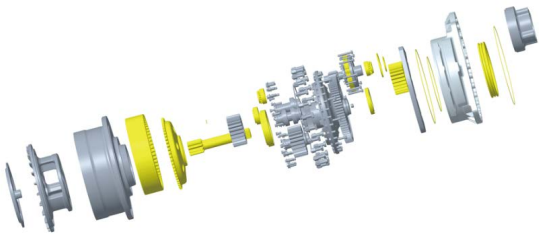
- 1 Consult with your local dealer to choose the most suitable repair option.
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- 3 Check pricing and availability with your local dealer

Sales Model	FINAL DRIVE KITS			
	Final Drive arrangemen	Real kits	Paper kit	
		Seal Kits	Mid-life repair kits	Overhaul repair kits
816D	5183787	6374364	SE_P518378701	SE_P518378702
816D	6208346	6374364	SE_P518378701	SE_P518378702
816D	5174977	6374364	SE_P518378701	SE_P518378702
816D	6208342	6374364	SE_P518378701	SE_P518378702
816D	5183797	6374364	SE_P518378701	SE_P518378702
816D	5779710	6374364	SE_P518378701	SE_P518378702
816D	5183798	6374364	SE_P518378701	SE_P518378702
816D	5779711	6374364	SE_P518378701	SE_P518378702
822D	5205101	6374367	SE_P517497701	SE_P517497702
822D	5205102	6374367	SE_P517497701	SE_P517497702
822D	5205694	6374367	SE_P620834201	SE_P620834202
822D	5205695	6374367	SE_P620834201	SE_P620834202
822D	5205702	6374367	SE_P620834201	SE_P620834202
822D	5205703	6374367	SE_P620834201	SE_P620834202



FD Mid-life Repair Kits Consist

- Seals
- Bearing
- Friction Discs



FD Overhaul Repair Kits Consist

- Seals
- Bearing
- Friction Discs
- Sun gear shaft
- Ring gear/Ring gear support
- Planetary gear/Planetary gear shaft

SEMPARTS

Matched to your needs



Caterpillar (Qingzhou) Ltd. Address: No. 12999 Nanhuan Road, Qingzhou City, Shandong Province, Zip Code: 262500, P.R.China

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Materials and specifications are subject to change without notice. Featured machines in photos may include optional equipment. Contact your SEM dealer for available options.

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