

SEMPARTS 
Matched to your needs 

SEM 518&520 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

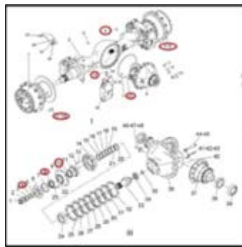
“I want more than just new and like-new options. I want solutions that match my machine life and price point requirement”



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



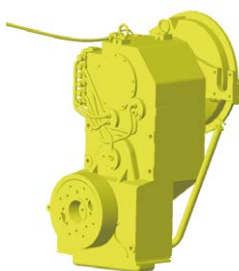
Dealer Rebuild

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
	UTILIZATION			
	Lower	←		Higher
	PRICE			
	Sensitive	←		Prefers Guaranteed
	TURN/AROUND			
	Flexible	←		Fast
Attributes	• Extends life • Before Failure • 100% New Parts Replacement • Lower Cost	•Extends life •Before Failure •Lower Cost	• Before or After Failure • Immediate availability for exchange	• 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	• Includes bearings, seals, gaskets and normal one-life “wear” parts. • Paper or Stock Kits Offering	• Includes all Level 1 parts • Replaces or Reconditions other critical parts • Customer can specify additional parts	• Dealer Rebuild, Dealer floating components • Including All Level 1 parts. • All parts are inspected	• 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 TIMING GUIDANCE

18

HOURS

Engine Target remove & install

60

HOURS

Engine Target overhaul time

10K

HOURS

Engine Target overhaul SMU*

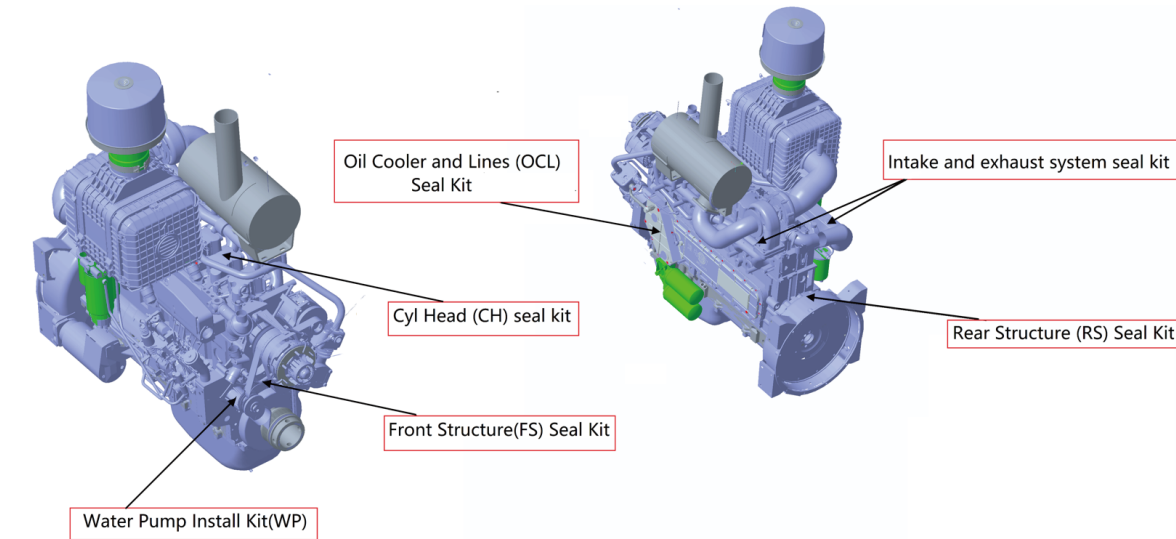
*Actual optimum hours may be approximately 2,000 higher/lower depending on maintenance practices and application.

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
		Engine seal kit	Crankshaft seal kit	Piston & Liner Repair Kit	Mid-life repair kits
SEM518	5534526	6610240	6380201	6420387	6615017
SEM520	5534526	6610240	6380201	6420387	6615017



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

XSMN ESTIMATED OVERHAUL TIMING GUIDANCE

17

HOURS

XSMN Target
remove & install

50

HOURS

XSMN Target
overhaul time

10K

HOURS

XSMN 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	TRANSMISSION KITS				
	Transmisson arrangement	Retainer kits	Mid-life repair kits	Mid-life repair kits	Overhaul repair kits
SEM518	5885353	6609722	6609721	6609724	6609725
SEM520	5885353	6609722	6609721	6609724	6609725

XMSN Mid-life Repair Kits Consist

- Seals
- Retainers
- Bearings
- Pistons/piston rings
- Sleeves
- Friction Discs
- Springs
- Gears
- Filters/Strainer
- Washers/Gaskets

XMSN Overhaul Repair Kits Consist

- Seals
- Retainers
- Bearings
- Pistons/piston rings
- Sleeves
- Friction Discs
- Springs
- Gears
- Filters/Strainer
- Washers/Gaskets
- Hoses
- Valves
- Brake

AXLE ESTIMATED OVERHAUL TIMING GUIDANCE

20

HOURS

Axle Target
remove & install

44

HOURS

Axle Target
overhaul time

6K

HOURS

Axle Target
overhaul SMU*

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

CONFIGURE YOUR REBUILD & CHECK PRICING

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- Select from the recommended parts lists or kits on the following pages
- 3
- Check pricing and availability with your local dealer

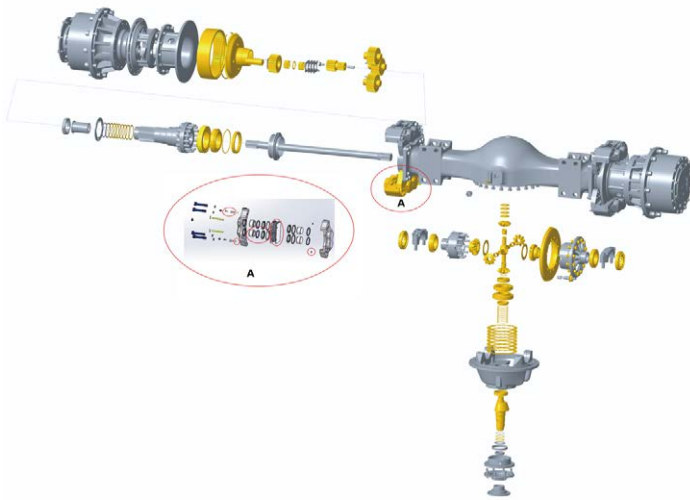


Sales Model	AXLE KITS												
	Axle arrangement	Axle seal kits	Reducer kits			End Wheel Kits			Brake kits			Mid-life repair kits	Overhaul repair kits
			Reducer GP	Reducer seal kit	Reducer bearing kit	Wheel end GP	Wheel end shim kit	Wheel end bearing kit	Brake GP	Brake seal kits	Brake caliper repair kits		
SEM518	5574648	6611336	5604639	6364298	6611346	5604635	6611337	6611342	5217525	6022109	SE_PA0000014	6611339	6611340
SEM520	5574648	6611336	5604639	6364298	6611346	5604635	6611337	6611342	5217525	6022109	SE_PA0000014	6611339	6611340

Arrangement/Group parts Real Kit Paper Kit

Axle Overhaul Repair Kits Consist

- Bearings
- Seals
 - Spacers
 - Retainers
 - Washers/Shims
 - Planetary gear shaft/Shaft
 - Gears
 - Nozzle/Nozzle Seat
 - Piston
 - Brake discs
 - Needles
 - Nuts-Differential



SEMPARTS

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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.

Version: July 2025