

**SEMPARTS**   
*Matched to your needs* 

**SEM 919  
Motor Grader**

# **PARTS REFERENCE GUIDE**



# MAINTENANCE PARTS

Proactive preventative maintenance extends the life of your machine and protects your investment. Only SEM knows our equipment’s filtration and lubrication requirements and offers parts kits to match your machine’s maintenance cycles.

## Filters

Using the proper filter minimizes the need for repairs and replacements. Genuine SEM filters help maximize machine performance and maintain high resale value.

- High filtration efficiency with premium-quality filter materials
- Optimized equipment performance and extended component life
- Longer service life, superior protection, and reduced owning and operating costs

SEM919	Every 250 hours			Every 500 hours		Every 500 hours		Every 1000 Hours	
Parts Category	Engine oil filter	Hydraulic filter	Transmission filter	Engine oil filter	Air filter	Primary fuel filter	Secondary fuel filter	Transmission filter	Dry filter
Original	5363957	1R0774	5362813	5363957	5483645	5271995	5558940	5362813	5836052
SEM SELECT	5271993	6348580	/	5271993	6086005	/	/	/	/

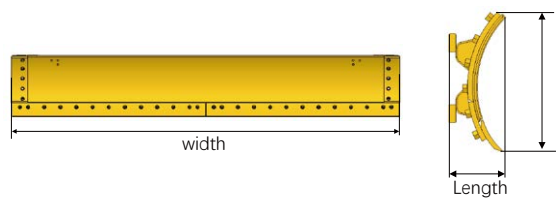
The part numbers (PNs) provided in this guide are for reference only and may differ from the actual PN’s required for your machine due to ongoing technical updates and product improvements. Please verify all PN’s on SEM DCP or contact your local dealer before placing an order or for further support.



# Work Tool

MG919 work tools are designed to withstand the toughest working conditions ,by adding a variety of rare metals to form a special wear-resistant structure with excellent wear resistance and impact toughness. Excellent performance can effectively reduce downtime, thereby reducing operating costs and maintenance interval costs, and improving equipment productivity.

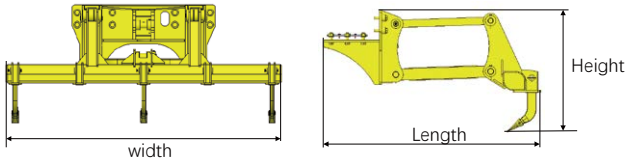
## Work Tool- BLADE



Name	P/N	Width(mm)	Length(mm)	Height(mm)
12'BLADE	5667336	3669	231	576
13'BLADE	5667337	3974	258	606



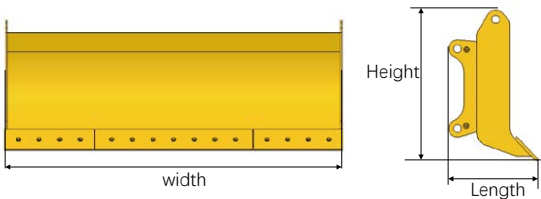
## Work Tool- RIPPER



Name	P/N	Width(mm)	Length(mm)	Height(mm)
RIPPER	5652006	2292	1757	978



## Work Tool- Front BLADE



Name	P/N	Width(mm)	Length(mm)	Height(mm)
BLADE-FRONT	5903133	2486	567	959



# CYLINDER SEALS

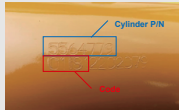
Seals are an integral and vital part of any machine, they are effective in preventing the escape of gases, fuels and cooling lubricants, as well as the ingress of external contamination. As a single-use part, it must be replaced each time when removed from the devices. The types and specifications of gaskets and seals are various and complicated. So, it is a big challenge when do maintenance. Before starting maintenance, it is difficult to accurately judge the seal specifications you need, so SEM seal kits with will be your ideal choice, making your maintenance well-prepared and handy.

**Machine applicable:** Carefully designed and screened by the original factory, 100% meet all the sealing requirements of the parts required.

**Extremely convenient:** Sealing rings, oil seals, support rings and other sealing parts are packaged into a set, which contains all the seals required for maintenance, which completely solves the problems of large specifications and difficulty in finding seals for maintenance.

**Excellent reliability:** Using high-quality materials, the seals maintain a high level of wear resistance, heat resistance, oxidation resistance, corrosion resistance and water resistance. They have strong compression resistance, are not easy to deform, and are durable. The gasket has high hardness and strong impact resistance.



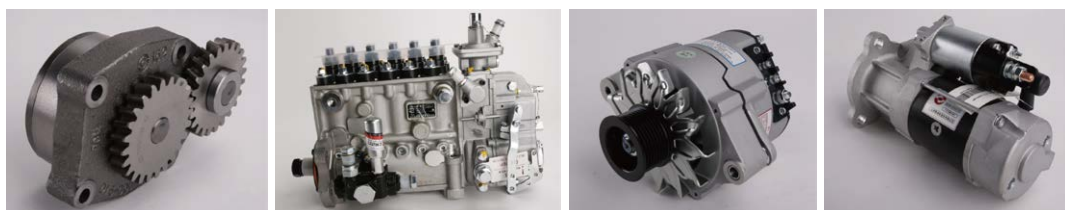
Cylinder P/N	Cylinder PN	Cylinder Qty	Seal Kit	Seal Kit-Selelct	Code	How to check your Cylinder & Kit P/Ns
Front wheel steering cylinder-Left	5338011	1	5362352	6159995	"31006"= "A8498T0"	<p>SEM may use different series of cylinders, so please check the code of your cylinder and select the right seal kit as the picture below.</p> 
			6030460	/	"01181"= "A7737S0"	
Front wheel steering cylinder-Right	5337979	1	5362352	6159995	"31006"= "A8498T0"	
			6030460	/	"01181"= "A7737S0"	
Front wheel tilt cylinder	5564767	1	6030469	6143472	"01181"= "A7737S0"	
			5362351	6159985	"31006"= "A8498T0"	
Blade angle changing cylinder	5707445	1	6010612	6157291	/	
Scraper center swing cylinder	5338010	1	5363012	/	/	
Articulated cylinder	5338009	2	5362951	6159991	"31006"= "A8498T0"	
			6030463	6143473	"01181"= "A7737S0"	
Blade lateral move cylinder	6069581	1	6010574	/		
Blade lifting cylinder	5337985	2	5363859	6159984	"31006"= "A8498T0"	
			6030467	6143471	"01181"= "A7737S0"	
Rear ripper cylinder	5564779	1	5363908	/		



# Powertrain Parts

SEM919 is equipped with SDEC engine (SC8D190G2), offers classic durability and dependability.

Engine	Engine GP	Water Pump	Oil pump	injector	Injector pump	Alternator	Starter	Turbo Charger
SEM PN	5534491	6082275	5363972	5371454	5371212	5362962	5483546	5362945

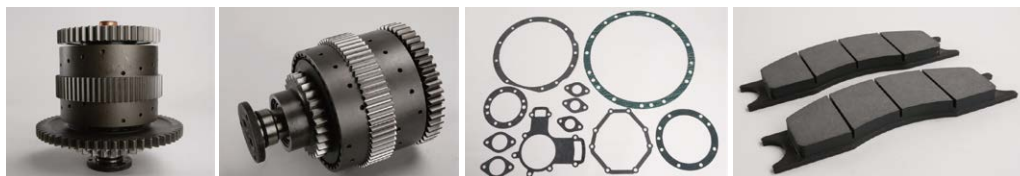


Axle and transmission parts work together to transmit power to the ground. Genuine SEM drive train parts, along with excellent maintenance and repair options, result in high productivity and low owning & operating costs. Our genuine drive train parts must endure:

- High strength and durability
- Incredible torque
- High impact loads
- Frequent direction and gear changes

XMSN	XMSN GP	Clutch AS -K3+K4	Clutch AS -KR+K2	Clutch AS -KV+K1	Shifter	Control valve	Solenoid	Gasket Kit	Pipe Kit	Retainer kit
SEM PN	5386767	6006804	5364194	5364195	5370514	5559579	5364590	5364397	5364434	6394080

Axle	Tandem Axle	Reducer GP	Reducer seal Kit	Gear GP	Diff GP	Axle seal Kit	Brake repair Kit	Disk-Brake
SEM PN	5764006	5537736	6057886	5560073	6254898	6395278	6022109	5271992



The part numbers (PNs) provided in this guide are for reference only and may differ from the actual PNs required for your machine due to ongoing technical updates and product improvements. Please verify all PNs on SEM DCP or contact your local dealer before placing an order or for further support.

**SEM 919**

**Motor Grader**

# **PARTS REFERENCE GUIDE**



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

© 2025 Caterpillar (Qingzhou) Ltd. All Rights Reserved. 山工机械, SEM, SEM Logo, their respective logos, trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar (Qingzhou) Ltd. and may not be used without permission.

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: December 2025