客户满意是我们的宗旨
We aim at customers satisfaction.

中国重汽集团国际有限公司
SINOTRUK INTERNATIONAL LTD.

地址：济南市高新区华奥路 777 号
Add: No. 777 Hua’ ao Road, Innovation Zone, Jinan, 250001, Shandong Province, P. R. China

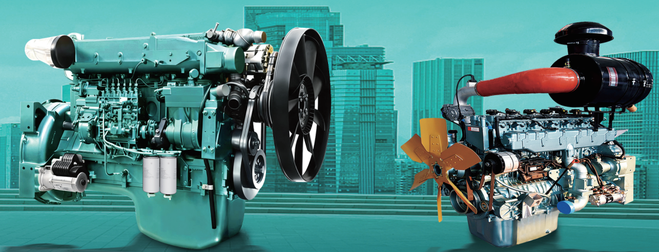
电话：+86 531 58062933 +86 531 58062935
Tel: +86 531 58062933 +86 531 58062935

智慧重汽APP二维码

SINOTRUK



中国重汽再制造产品手册
Sinotruk Remanufactured Products Manual



品质保障、价格更优、环保负责



SINOTRUK

再制造产品优势 02
Advantages of Remanufactured Products

再制造产品型谱 03
Remanufactured Product Portfolio

再制造发动机 04
Remanufactured Engine

再制造基础机 06
Remanufacturing Base Engine

再制造中缸机 07
Remanufactured Mid-Cylinder Engine

再制造短中缸 08
Remanufactured Short Mid-Cylinder

芯组件 09
Combined Core Parts Of Engine

再制造零部件 14
Remanufactured Components

再制造产品优势 Advantages of Remanufactured Products

成本优势
Cost Advantage

价格仅为同类新品的60%左右，显著降低直接投入
Priced at only about 60% of similar new products, significantly reducing direct investment.

质量优势
Quality Advantage

执行严苛检测标准，关键尺寸100%检测
Strict inspection standards are implemented, with 100% inspection of key dimensions.

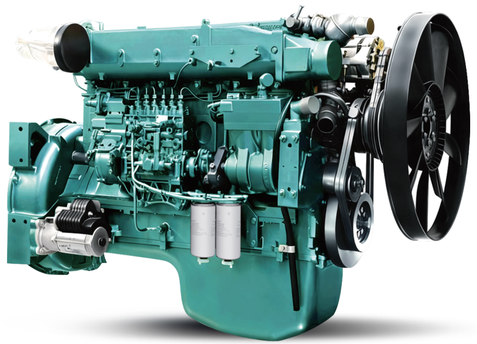
性能可靠
Reliable Performance

经过全面检测与老化筛选，故障率低
After comprehensive testing and aging screening, with low failure rate.

再制造产品型谱 Remanufactured Product Portfolio

产品类别 Product Category	系列/类型 Series/Type	产品形式 Product Form	主要产品型号/部件 Main Product Models / Components
再制造发动机整机 Remanufactured Complete Engines	斯太尔系列 Steyr Series	整机 Complete Engine	WD615, D10, D12, T12
再制造核心总成 Remanufactured Core Assemblies	通用/各机型 Universal / For Various Models	基础机 Base Engine(Long Block)	适用于WD615, D10, D12, T12 Applicable to WD615, D10, D12, T12
		中缸 Cylinder Block Assembly (Short Block)	适用于WD615, D10, D12, T12 Applicable to WD615, D10, D12, T12
		短中缸 Short Mid-Cylinder Assembly	适用于WD615, D10, D12, T12 Applicable to WD615, D10, D12, T12
芯组件 Combined Core Parts Of Engine	斯太尔系列 Steyr Series	零件 Part	WD615
	MC系列 MC Series	零件 Part	MC11 / MC13, MT13
再制造零部件 Remanufactured Components	核心运动件 Core Moving Parts	零件 Part	曲轴, 凸轮轴, 连杆 Crankshaft, Camshaft, Connecting Rod
	核心结构件 Core Structural Parts	零件 Part	缸体, 缸盖 Cylinder Block, Cylinder Head
	组合总成 Assembled Units	总成 Assembly	缸盖组合件（含气门、弹簧等） Cylinder Head Assembly (includes valves,springs, etc.)

再制造发动机--WD615　Remanufactured Engine--WD615



高质量
HIGH QUALITY

工艺成熟、质控严格、适配性强

Mature Technology, Strict Quality Control, & Wide Compatibility

性能可靠
RELIABLE PERFORMANCE

动力、油耗、排放、可靠性等媲美新机

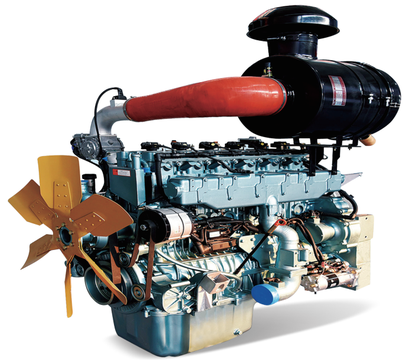
Power, Fuel Efficiency, Emissions & Reliability on Par with New Units

发动机技术参数 Engine Specification

发动机型号机组 Engine Model Unit	排量 Displacement	缸数 Cylinder Count	功率 / 转速 Power/Speed	缸径 / 行程 Bore/Stroke	发动机类型 Engine Type	压缩比 Compression Ratio	重量 Weight
	L		kW/rpm	mm/mm			kg
WD615.47	9.726	6	273/2200	126/130	增压中冷Turbo-intercooled	17.5:1	850
WD615.69	9.726	6	247/2200	126/130	增压中冷Turbo-intercooled	17.5:1	850
WD615.87	9.726	6	213/2200	126/130	增压中冷Turbo-intercooled	17.5:1	850
WD615.62	9.726	6	196/2200	126/130	增压中冷Turbo-intercooled	17.5:1	850

SINOTRUK

再制造发动机--T12　Remanufactured Engine--T12



高质量
HIGH QUALITY

工艺成熟、质控严格、适配性强

Mature Technology, Strict Quality Control, & Wide Compatibility

性能可靠
RELIABLE PERFORMANCE

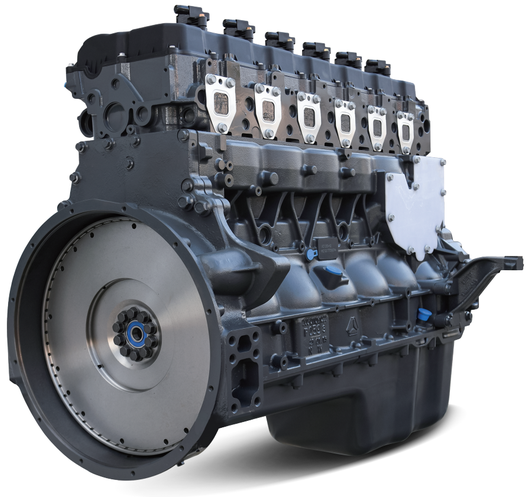
动力、油耗、排放、可靠性等媲美新机

Power, Fuel Efficiency, Emissions & Reliability on Par with New Units

发动机技术参数 Engine Specification

发动机型号机组 Engine Model Unit	排量 Displacement	缸数 Cylinder Count	功率 / 转速 Power/Speed	缸径 / 行程 Bore/Stroke	发动机类型 Engine Type	压缩比 Compression Ratio	重量 Weight	进气压力 Intake Pressure
	L		kW/rpm	mm/mm			kg	kPa
T12D-1	11.596	6	225/1500	126/155	增压中冷Turbo-intercooled	11.0:1	950	3.6-6.8
T12D-3	11.596	6	248/1500	126/155	增压中冷Turbo-intercooled	11.0:1	950	3.6-6.8
T12D-5	11.596	6	275/1500	126/155	增压中冷Turbo-intercooled	11.0:1	950	150-300

再制造基础机　Remanufacturing Base Engine



核心组成　Core Components

缸体、曲轴、连杆、缸盖组合件、飞轮壳、油底壳

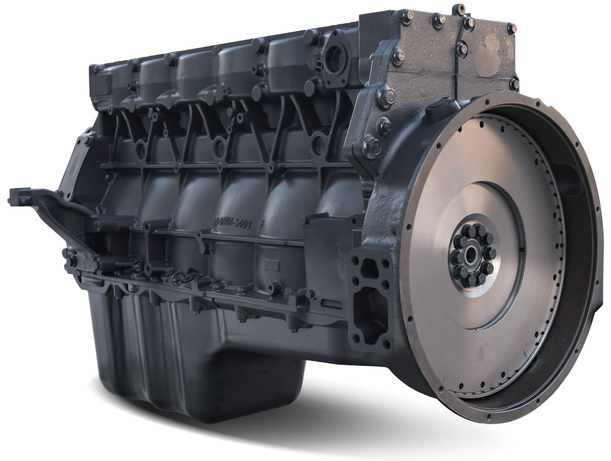
Cylinder block, crankshaft, connecting rod, cylinder head assembly, flywheel housing, oil pan

适用场景　Product Advantages

适用于发动机整体基础状态良好、外部附件（发电机 / 起动机 / 管路 / 线束等）磨损较轻的再制造场景 —— 可复用原有外围件，降低替换成本。

Ideal for remanufacturing engines with sound fundamental conditions, especially when external components (generators, starters, pipelines, wiring harnesses, etc.) have minor wear and can be reused – this helps reduce replacement costs.

再制造中缸机　Remanufactured Mid-Cylinder Engine



核心组成　Core Components

缸体、曲轴、连杆、飞轮壳、油底壳

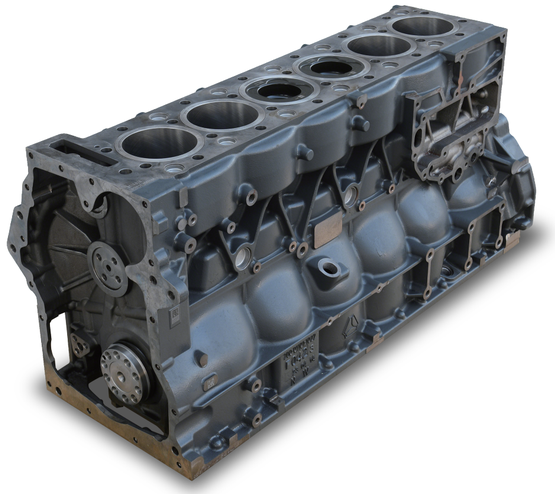
Cylinder block, crankshaft, connecting rod, flywheel housing, oil pan

适用场景　Product Advantages

适用于缸盖组件状态尚可，但基础机下部磨损严重的工况。是维修市场最常见、需求量最大的核心总成。

Suitable for working conditions where the cylinder head assembly is in good condition, but the lower section of the base engine is severely worn. It is the most common and most in-demand core assembly in the repair market.

再制造短中缸　Remanufactured Short Mid-Cylinder



核心组成 Core Components

缸体、曲轴、连杆、四配套

Cylinder block, crankshaft, connecting rod, Four matching components (piston, piston rings, piston pin and cylinder liner).

适用场景 Product Advantages

专门针对发动机核心严重磨损（如拉缸、烧机油、动力下降），但缸盖等系统状况良好的情况。

Specifically designed for working conditions where the engine's core components are severely worn (e.g., cylinder scuffing, oil burning, power drop), while systems such as the cylinder head remain in good condition.

芯组件　WD615 Combined Core Parts Of Engine--WD615

SINOTRUK



产品 Product	配件明细 Part List	图号 Part Number	数量 Qty
KC1560030012 WD615发动机310马力以上发动机芯组件 WD615 Engine Core Assembly (> 310 HP)	活塞 Piston	VG1560037011A	6
	气缸套 Cylinder liner	VG1540010006	6
	活塞环组 Piston Ring Set	VG1560030050	1
	活塞销 Piston pin	VG1560030013	6
KC1560030010 WD615发动机310以下马力 WD615 Engine Core Assembly (≤310 HP)	活塞总成 Piston Assembly	VG1560030010	6
	气缸套 Cylinder liner	VG1540010006	6
	活塞环组 Piston Ring Set	VG1560030050	1
	活塞销 Piston pin	VG1560030013	6
KC1540030030 T10天然气发动机芯组件 T10 Natural Gas Engine Core Assembly	活塞 Piston	VG1540030030	6
	气缸套 Cylinder liner	VG1540010006	6
	活塞环组件 Piston Ring Assembly	VG1540030011	6
	活塞销 Piston pin	VG1560030013	6

产品优势

原厂规格，适配性拉满，耐用性出众，配定制防护包装。
一箱配齐免分批等待，集成供应、交付高效。

Product Advantages

One complete set per carton, no batch waiting required. Integrated supply & efficient delivery.

芯组件　MC13TD Combined Core Parts Of Engine--MC13TD



产品优势

原厂规格，适配性拉满，耐用性出众，配定制防护包装。
一箱配齐免分批等待，集成供应、交付高效。

Product Advantages

One complete set per carton, no batch waiting required. Integrated supply & efficient delivery.

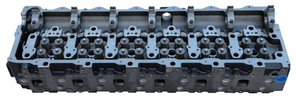
产品 Product	配件明细 Part List	图号 Part Number	数量 Qty
202-00010-5306 MC13国五柴油发动机芯组件 MC13 National V Diesel Engine Core Assembly (Optimized)	活塞销 Piston pin	200V02502-0133	6
	刮碳环Carbon scraper	202V01201-0018	6
	活塞销挡圈Piston pin retaining ring	200V90810-0038	12
	气缸套密封圈Cylinder Liner Seal	200V96501-0534	12
	刮碳环气缸套Carbon scraper ring	202V01201-0460	6
	桶面环Barrel Face Ring	202V02503-0701	6
	锥面环Taper face ring	202V02503-0702	6
	油环Oil control ring	202V02503-0703	6
	活塞Piston	202V02511-0685	6
202-S0011-0006X MC13TD发动机四配套芯组件 MC13TD Engine Core Assembly	钢活塞Steel piston	202V02511-0793	6
	活塞销Piston pin	202V02502-0157	6
	活塞销挡圈Piston pin retaining ring	201V90810-0045	12
	梯形环Tapered ring	202V02503-0835	6
	锥面环Taper face ring	202V02503-0836	6
	油环Oil control ring	202V02503-0838	6
	气缸套Cylinder liner	202V01201-0526	6
	刮碳环Carbon scraper	202V01201-0018	6
	气缸套密封圈Cylinder Liner Seal 141,3X3,95	201V96501-0568	12
	气缸套减振圈Cylinder Liner Vibration Damper Ring	201V96501-0569	6

芯组件 MC Combined Core Parts Of Engine--MC

产品 Product	配件明细 Part List	图号 Part Number	数量 Qty
202-00010-5102 MC11国六柴油发动机芯组件（高效SCR） MC11 National VI Diesel Engine Core Assembly (High-efficiency SCR)	活塞销挡圈 Piston pin retaining ring	200V90810-0038	12
	气缸套密封圈 Cylinder Liner Seal	200V96501-0534	12
	刮碳环 Carbon scraper	202V01201-0016	6
	刮碳环缸套 Carbon scraper cylinder liner	202V01201-0473	6
	活塞销 Piston pin	202V02502-0146	6
	梯形环 Tapered ring	202V02503-0892	6
	扭曲锥面环 Torsional taper face ring	202V02503-0894	6
	油环 Oil control ring	202V02503-0897	6
	钢活塞（Hi-SCR） Steel piston（Hi-SCR）	202V02511-0752	6
202-00010-5103 MC11国五柴油发动机芯组件 MC11 National V Diesel Engine Core Assembly (Engineering Version)	梯形环 Tapered ring	092V02503-0001	6
	气缸套 Cylinder liner	200V01201-0417	6
	活塞销 Piston pin	200V02502-0120	6
	活塞 Piston	200V02511-0771	6
	活塞销挡圈 Piston pin retaining ring	200V90810-0038	12
	气缸套密封圈 Cylinder Liner Seal	200V96501-0534	12
	锥面环 Taper face ring	201V02503-0846	6
	油环 Oil control ring	201V02503-0847	6

产品 Product	配件明细 Part List	图号 Part Number	数量 Qty
202-00010-5303 MT13国五天然气发动机芯组件 MT13 National Natural Gas Engine Core Assembly	气缸套Cylinder liner	200V01201-0459	6
	活塞销Piston pin	200V02502-0133	6
	活塞销挡圈Piston pin retaining ring	200V90810-0038	12
	气缸套密封圈Cylinder Liner Seal	200V96501-0534	12
	桶面环Barrel Face Ring	202V02503-0819	6
	油环Oil control ring	202V02503-0820	6
	扭曲锥面环Torsional taper face ring	202V02503-0821	6
	活塞(MT13/国V)Piston(MT13/National V)	202V02511-0007	6
202-00010-5304 MT13国六天然气发动机芯组件 MT13 National VI Natural Gas Engine Core Assembly	气缸套Cylinder liner	200V01201-0459	6
	活塞销挡圈Piston pin retaining ring	200V90810-0038	12
	气缸套密封圈Cylinder Liner Seal	200V96501-0534	12
	活塞销Piston pin	202V02502-0142	6
	桶面环Barrel Face Ring	202V02503-0997	6
	油环Oil control ring	202V02503-0992	6
	锥面环Taper face ring	202V02503-0996	6
	MT13钢活塞MT13Steel piston	202V02511-0012	6

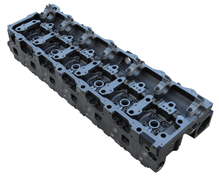
再制造零部件　Remanufactured Components



再制造缸盖组合件
Remanfaclured Cylinder Head Assembly



再制造缸体
Remanfaclured Cylinder Block



再制造缸盖
Remanfaclured Cylinder Head



再制造缸凸轮轴
Remanufactured Camshaft



再制造连杆
Remanufactured Connecting Rod



再制造曲轴
Remanufactured Crankshaft

	类别Category	再制造件名称Name of Remanufactured Parts
MC机 MC	缸体 Cylinder Block	缸体总成Cylinder Block Assembly
		非后取力曲轴箱(MT13国六/SGV) Non-PTO Crankcase (MT13 National VI/SGV)
		曲轴箱总成Crankcase Assemby
	缸盖组合件 Cylinder Head Assembly	发动机缸盖组合件Engine Cylinder Head Assembly
		MT13国六缸盖组合件总成MT13 National VI Cylinder Head Assembly
		发动机缸盖组合件Engine Cylinder Head Assembly
	缸盖 Cylinder Head	气缸盖总成70HZ(HT300Cylinder Head Assembly 70HZ (HT300)
		气缸盖总成(MT13国六/100HZ/HT300) Cylinder Head Assembly (MT13 National VI/100HZ/HT300)
		气缸盖总成70HZ(HT300)缸间卸载 Cylinder Head Assembly 70HZ (HT300) with Inter-Cylinder Unloading
	曲轴 Crankshaft	曲轴 Crankshaft
		曲轴 Crankshaft
	连杆 Connecting Rod	连杆总成 Connecting Rod Assembly
		连杆总成 Connecting Rod Assembly
	凸轮轴 Camshaft	凸轮轴总成 Camshaft Assembly
		凸轮轴总成 Camshaft Assembly
615	缸体 Cylinder Block	气缸体总成 Cylinder Block Assembly
		气缸体总成 Cylinder Block Assembly