



QINGDAO EAGLELION ENGINEERING MACHINERY CO.,LTD

EL928 Side Seat Underground wheel loader (1.0m³ /2ton)



I. Basic overview

1. Side seat design draw on the experience of Scooptram side seat, greatly improved the front and rear visual range.
2. CUMMINS 4BTA3.9-C80 60KW 4 cylinders engine, china made YTO LR4A3Z-22 70KW optional.
3. Integrated torque converter transmission. The smaller and more compact structure, small occupied space.
4. Specifically tailored for the mine operation counter-shaft power-shift gearbox, YJ280 torque converter.
5. Air over hydraulic brake system, caliper brake system. Wet brake axle available according to requirement.
6. Mine engineering machinery customization ZL25E wheel reduction axle, automatic bucket flat.
7. Over load protection system. Disc brake shield, All LED light. Alarm lamp. KOMASTU excavator teeth.



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8. Water exhaust gas cleaning and oxidation catalyst device from Canada.
9. New design layout of the Hood. Increase counterweight in the front.
10. Optional: Joystick control; Wheel protection chains; Smooth anti puncture narrow tire.
Side dump bucket; Breaking hammer; Narrow bucket without teeth.

II. Specification

Model	EL928 Side Seat
Main specifications	
Bucket capacity (m ³)	0.8-1.2
Rated load (t)	2.0
Weight (t)	6.5
Lifting time of the arms (s)	≤4
The sum of three items(s)	≤8
Forward gear (km/h)	I 0-7 II 0-24
Reverse gear	I 0-7 II 0-24
Max. climbing gradient	30°
Dimensions	
Overall dimension (mm)	5700*1800*1900
Wheel base (mm)	2450
Wheel tread(mm)	1420
Max. dumping height(mm)	1540/2200
Dumping reach (mm)	945
Diesel engine	
Engine model	CUMMINS 4BTA3.9-C80 YTO LR4A3Z-22
Engine type	In-line, water-cooling, 4-stroke, 4cylinder, direct-injection
Rated power(kw)	60/70
Rated speed (r/min)	2200
Maximum torque /speed(N.m/rpm)	370/1300
Total exhaust of cylinder(L)	3.9
Type of starting	Electric start
Transmission system	
Torque converter	
Type	Single stage, three elements
Gearbox	
Type	Fix counter-shaft, power-shift
Axle and tire	
Model	25E or wet brake axle
Type of main reducer	Spiral bevel gear, single stage
Type of final reducer	Single stage planetary
Size of tire	15/70-18/ 10.00-20
Working device of hydraulic system	
Model of working pump	2063



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Nominal displacement(ml/r)	63
Multi-way directional valve	
Rated flow(L/min)	20
Steering system	
Type	Load-sensing hydraulic steering
Displacement(ml/r)	250
Max input pressure(Mpa)	16
Brake system	
Type of traveling break	Air over hydraulic break
Type of parking break	Manual disc brake

III. Photo and Details





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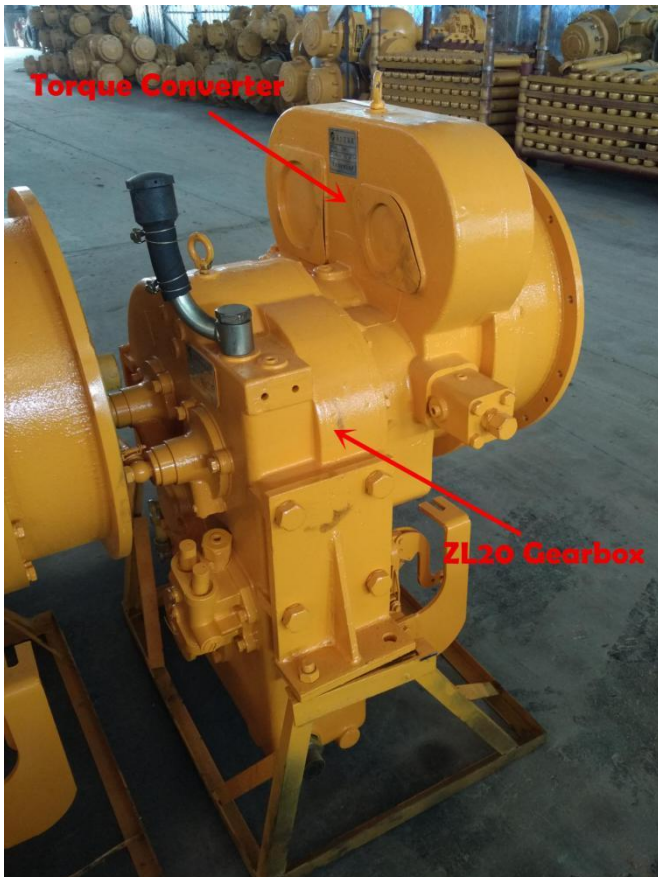




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1.Integrated torque converter transmission



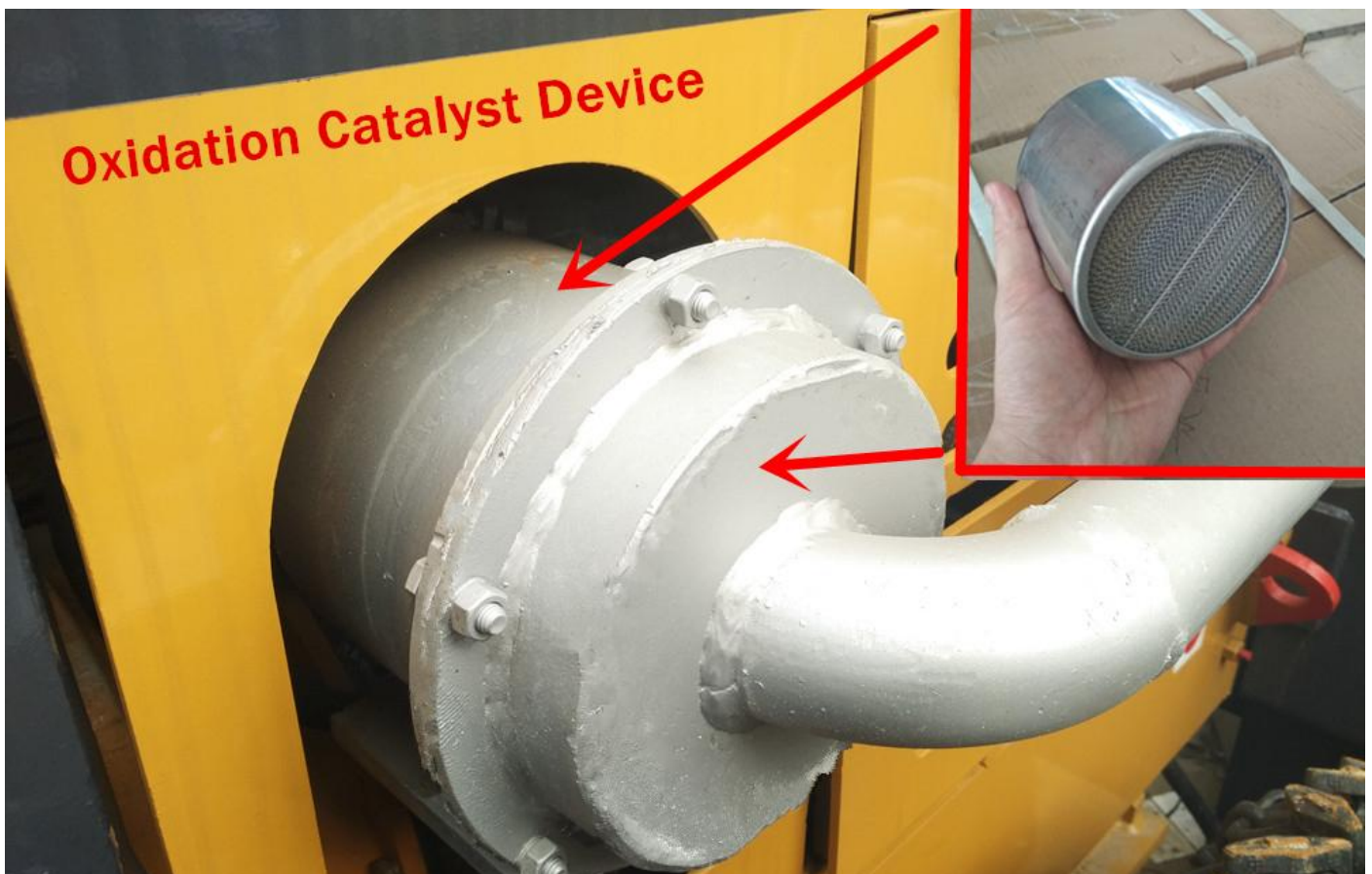


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3.Shock absorber design of engine exhaust pipe



4.Oxidation catalytic device imported from Canada





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5.Leveling rod with the protection function of the cylinder.



6.Oil bath type air filter



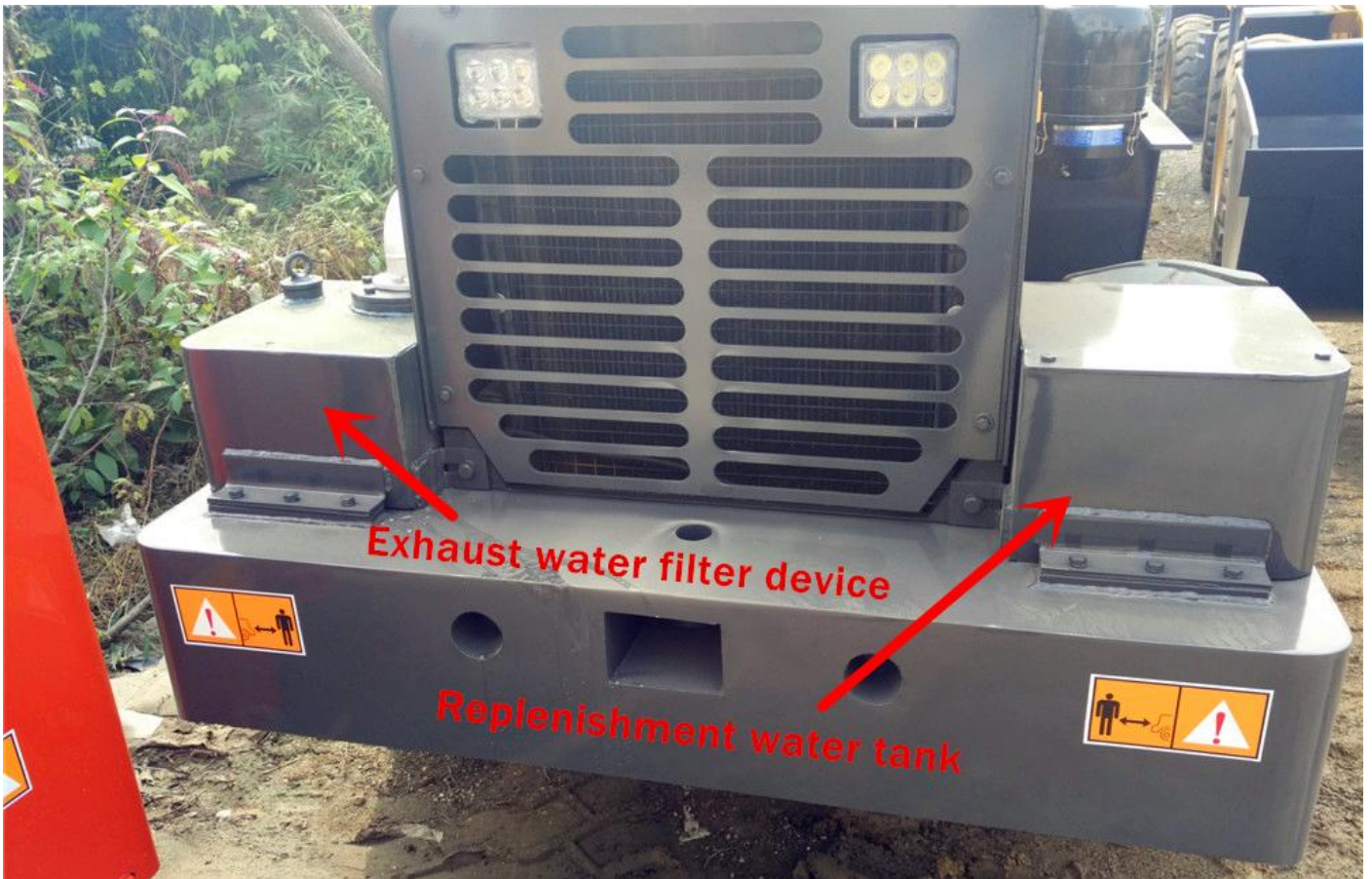
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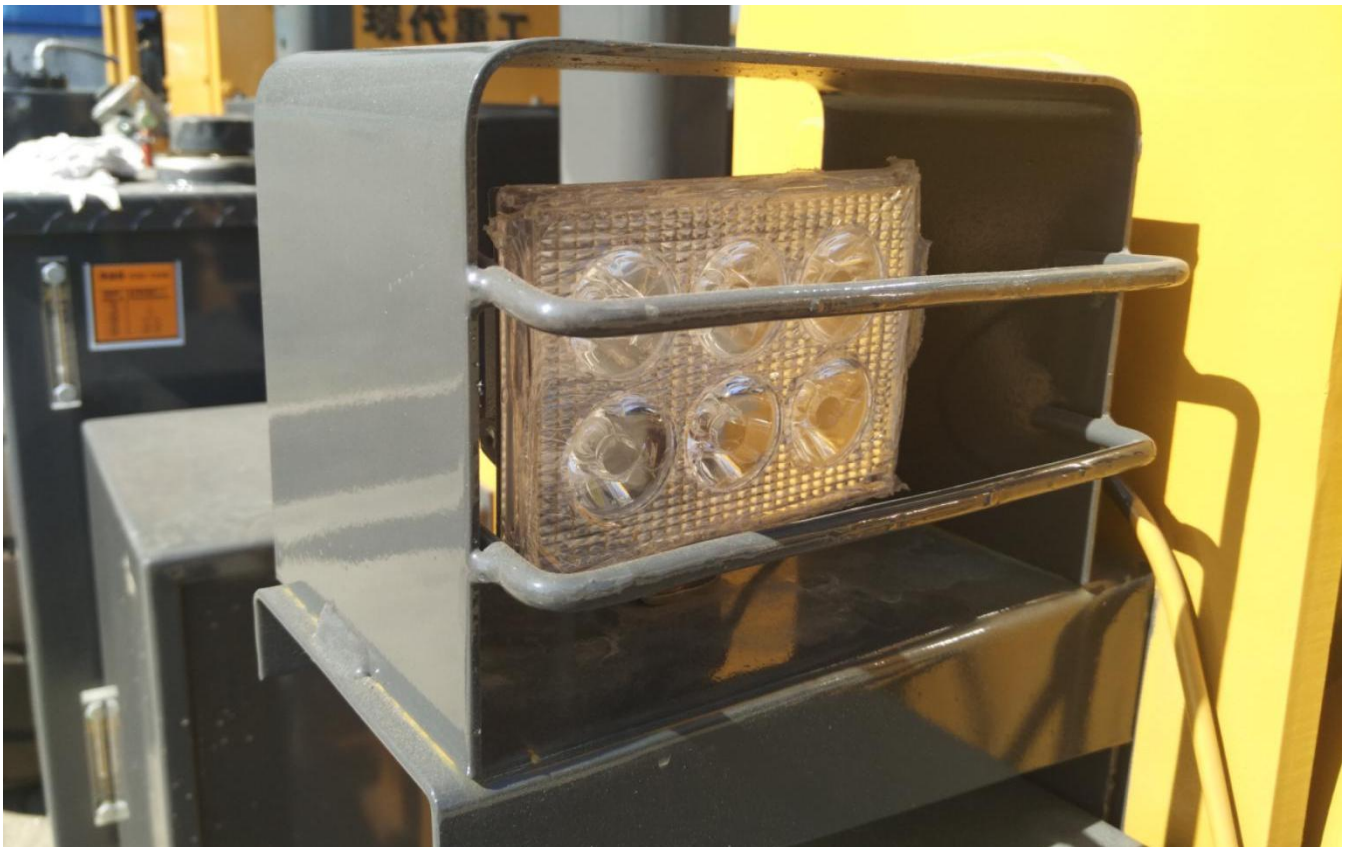


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7. Automatic water filling tank



8.LED light





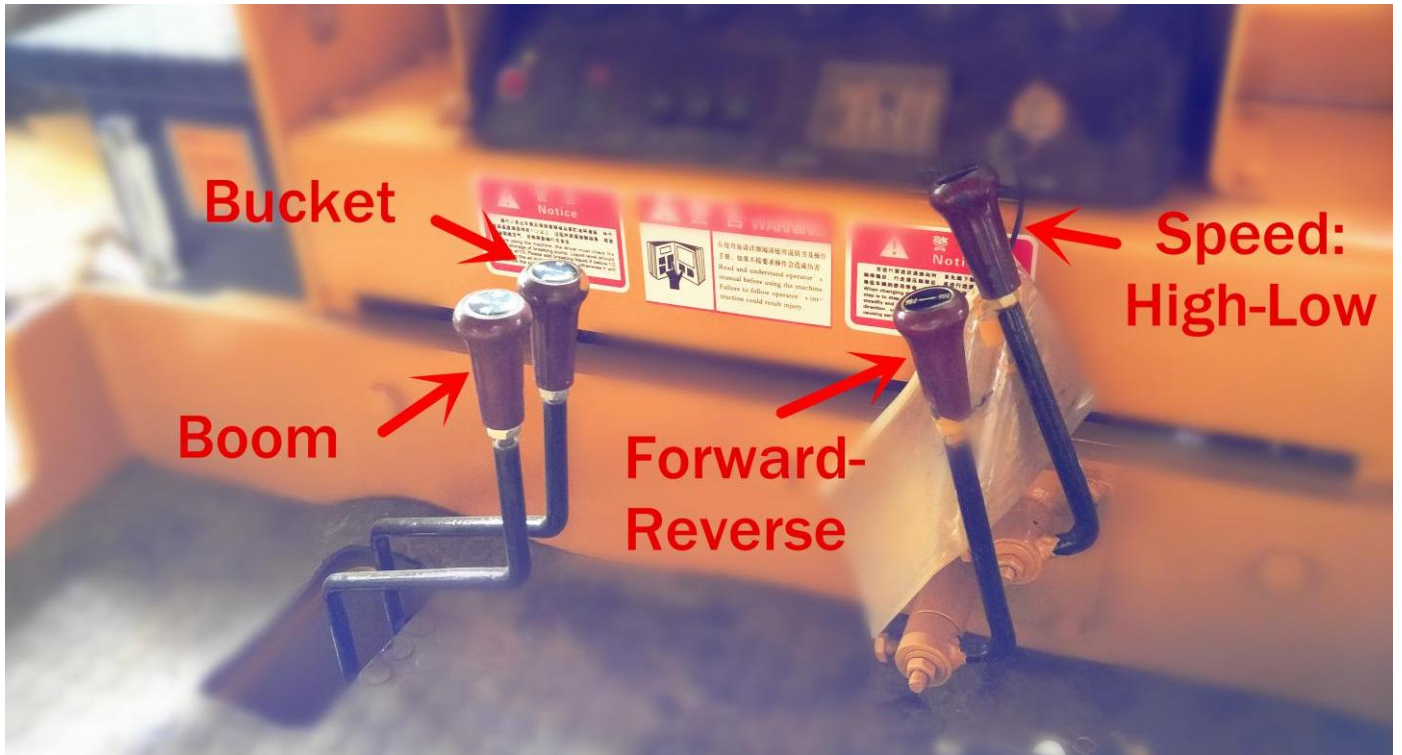
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9.Cabin view





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11.CUMMINS 4BTA3.9-C80 Engine



CUMMINS 4BTA3.9 engine



5332663

**Dongfeng Cummins
Engine Co., Ltd.**

Xiangyang, Hubei, China

Warning: Injury may result and warranty
is voided if fuel rate rpm or altitudes
exceed published maximum values for
this model and application.

Date of Mfg. 2016-08-30

Displacement	3.9 L	Net Weight	355 kg	Idle Speed	900 r/min	Shop Order	5012081	Model	4BTA3.9-C80
Altitude Limit	2200 m	Approval No.	EXPORT	Cert. Level		Engine Serial No.	78332880	Rated kW	60 at 2200
Power Range	37≤Pmax<75 kW	Family				Fuel rate at rated HP	62	Licence No.	XK05-002-004
						Executed Standard	Q/DCS.1		



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12.Narrow bucket



13.Tire protection chains.



14.Smooth anti puncture narrow tire.



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15.Side dump bucket



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New design:



16.Breaking hammer



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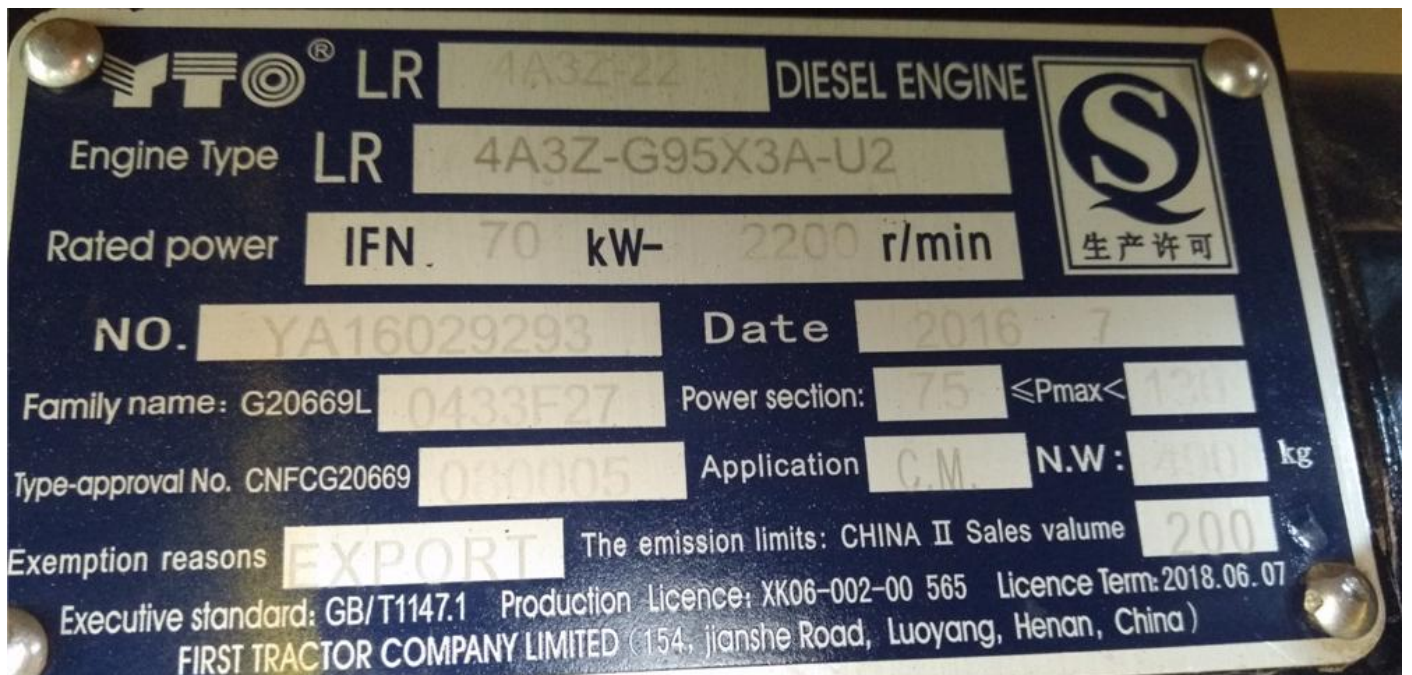
18.Wet brake axle for optional :



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19.China brand YTO engine for optional :



20.Assembly work



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