



QINGDAO JIA XIANG XIAN AUTO PARTS CO., LTD



Company Profile

Qingdao Jiexiangxian Auto Parts Co.,Ltd established in the year of 2017, specialized in the research, development and production of trailer parts,include trailer axle parts, trailer suspension parts,trailer landing gear parts,trailer leaf springs,trailer kingpin,trailer fifth wheel,trailer lights,trailer air tank,trailer valves and wires,trailer container twist lock etc.

We are located in Chengyang District,Qingdao City,Shandong Province of China,with convenient transportation access. All of our products comply with international quality standards and are greatly appreciated in a variety of different markets throughout the world.

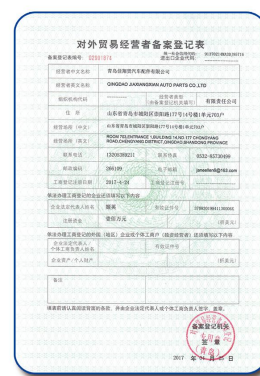
If you are interested in any of our products or would like to discuss a custom order, please feel free to contact us. We are looking forward to forming successful business relationships with new clients around the world in the near future.



Wonderful Cooperation



Sincerely!!!





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AXLE PARTS



- 1.BEAM: use 20Mn2 seamless pipe, through onepiece press forging and special heatreatment, which has great over loading capacity and high intensity.
- 2.HUB: can assembly ECO Hub system.
- 3.HEART TREATMENT:special heart-treated,low-alloy steel axle beam,offer more stability,greater capacity and lightr weight..
- 4.ABS :easy for ABS installation.
- 5.HUB CAP:New 100%tight fit hub cap with additional o ring,provide optimum.
- 6.SPINDLE:Solid inserted spindle and bearing journals laser heat treated,provide superior fatigue capability,the bearing position is processed by the method of hardening operation,therefore,the bearing can be fixed by hand instead of heating,also convenient for maintain and fixing.
- 7.BRAKE LINING:has high performane,non-asbestos,non-pollu-tion,and long using life,For easy checking and replacing,it also comes with the position of the exhausting to remind customer to check and maintain.
- 8.BEARING:is adopted with the domestic top brand bearing,with the advangages of over loading capability,high rotating speed,good intensi-ty,abrade resistant and heat resttant.
- 9.PROCESS:use double side single hole boring lathe and double side three hole boring lathe,which process the both sides of axle body at same time to insure the axle concentric.
- 10.BOLT:are made of alloy material,which has the capability of high intensity,well streth&bens intensity.
- 11.GREASE:use internation famous brand grease,which can provide high lubricating performance and protect bearing well.



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AXLE PARTS



- | | |
|---------------|------------------|
| ① Spindle | ⑦ Bearing |
| ② Hub cap | ⑧ Slack adjuster |
| ③ Wheel hub | ⑨ Air chamber |
| ④ Brake drum | ⑩ Camshaft |
| ⑤ Brake shoes | ⑪ Spring |
| ⑥ Oil seal | ⑫ Bolt |





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AMERICAN SUSPENSION PARTS



Suspension and Advantages

Suspension is used to transfer the force power and twist power between the wheel and the frame, and buffer the impact force of the frame or body caused by the uneven road, and attenuation caused by the shock to ensure that the trailer can run smoothly.

Semi-trailer leaf spring suspension, its main advantage is simple structure, easy manufacturing, easy maintenance, mature technology, reliable work.

Precautions:

1, can be selected as required balance pin, 50 type, 60 type or 70 type.

2, according to customer demand to choose side plate thickness 6mm, 8mm or 10mm (enhanced)

3, leaf spring width 75mm, 90mm, 100mm. The number of leaves can be chose.



- ① Front hanger
- ② Middle hanger
- ③ Rear hanger
- ④ Equalizer
- ⑤ Equalizer pin

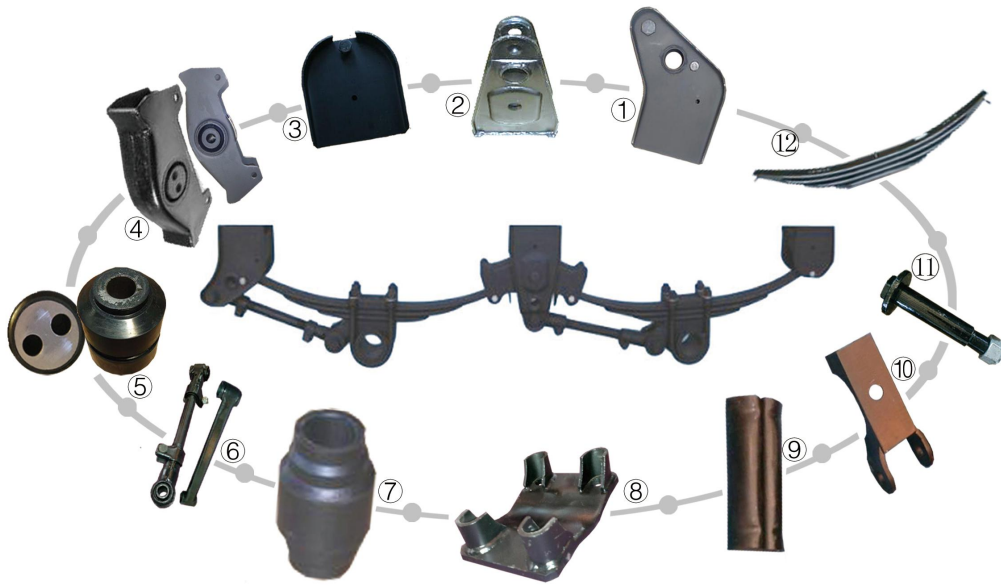
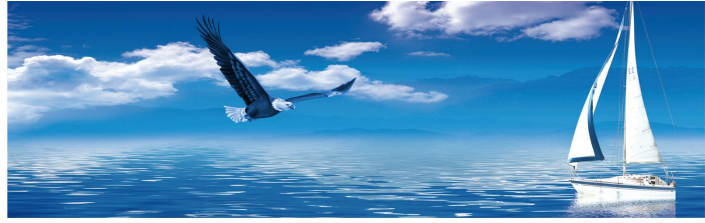
- ⑥ Equalizer bush
- ⑦ Torque arm bush
- ⑧ Torque arm
- ⑨ Torque arm seat
- ⑩ Axle seat

- ⑪ U bolt seat
- ⑫ Bolt
- ⑬ U bolt
- ⑭ Leaf spring



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HUTCHENS SUSPENSION PARTS



- | | |
|------------------|-------------------|
| ① Front hanger | ⑦ Torque arm bush |
| ② Middle hanger | ⑧ Axle seat |
| ③ Rear hanger | ⑨ U bolt seat |
| ④ Equalizer | ⑩ Torque arm seat |
| ⑤ Equalizer bush | ⑪ Bolt |
| ⑥ Torque arm | ⑫ leaf spring |





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BPW SUSPENSION PARTS

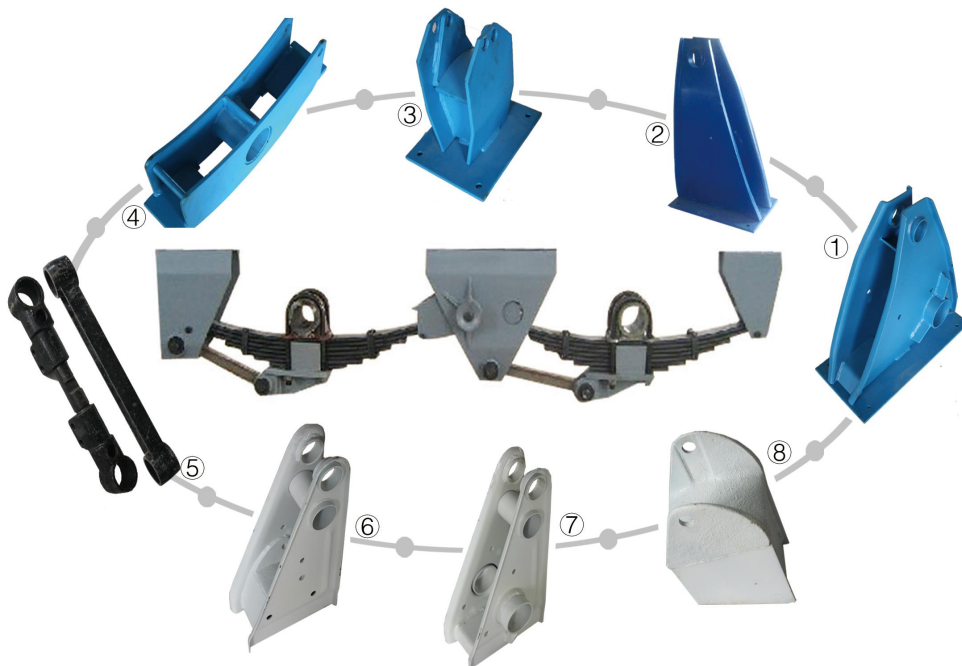


- | | |
|-------------------|---|
| ① Front hanger | ⑨ Cover inside equalizer over leaf spring |
| ② Middle hanger | ⑩ U bolt seat |
| ③ Rear hanger | ⑪ D block |
| ④ Equalizer | ⑫ Leaf spring seat |
| ⑤ Equalizer pin | ⑬ Torque arm seat |
| ⑥ Equalizer bush | ⑭ Bolt |
| ⑦ Torque arm bush | ⑮ U bolt |
| ⑧ Torque arm | ⑯ Leaf spring |



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FRUEHAUF SUSPENSION PARTS



- | | | | |
|-----------------|---|-----------------|---|
| ① Front hanger | A | ⑤ Torque arm | |
| ② Middle hanger | A | ⑥ Front hanger | B |
| ③ Rear hanger | A | ⑦ Middle hanger | B |
| ④ Equalizer | | ⑧ Rear hanger | B |





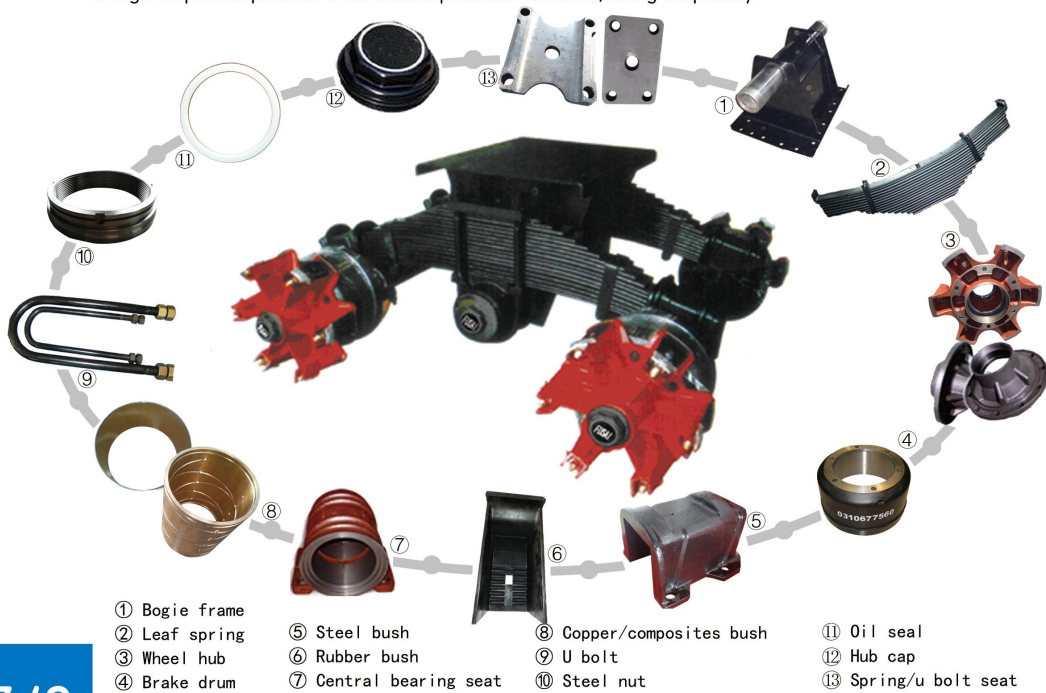
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BOGIE SUSPENSION PARTS



Structural features:

1. Center suspension. The shaft adopts high-quality low-alloy seamless steel pipe, after heat treatment quenched and tempered from high-precision processing, so that the shaft bearing capacity greatly improved. Panel with high-strength low-alloy steel sheet stamping, high strength, durable. Other supports are made of high strength steel plate welded together. Centrifugal seat inside the use of reinforced beam design, so that the entire suspension of the torsion and bending capacity greatly improved, more durable.
2. Central rotating seat. The use of wear-resistant sliding bearing (copper sleeve) embedded design, the stability of the shaft and bearing better, longer service life.
3. Leaf spring seat. Is made of ductile iron cast, so more wear-resistant, impact resistance. The connection between the leaf spring seat and the leaf spring assembly adopts the rubber inner sleeve separate design, which can effectively reduce the wear coefficient between the leaf spring and the leaf spring seat and increase the service life.
4. leaf spring. Leaf spring is the use of high-strength alloy spring steel, the European advanced technology manufacturing, high strength, durability, versatility and so on.
5. Simple structure. Bogie suspension product design is reasonable, simple structure, compact, mainly by the central suspension, the bearing block assembly, the spring seat assembly, leaf spring assembly, axle assembly and other five components, and, with the trailer The installation of the bolt connection, easy maintenance.
6. Bogie suspension products on the road requirements are lower, strong adaptability.



- | | | | |
|---------------|------------------------|--------------------------|----------------------|
| ① Bogie frame | ⑤ Steel bush | ⑧ Copper/composites bush | ⑪ Oil seal |
| ② Leaf spring | ⑥ Rubber bush | ⑨ U bolt | ⑫ Hub cap |
| ③ Wheel hub | ⑦ Central bearing seat | ⑩ Steel nut | ⑬ Spring/u bolt seat |
| ④ Brake drum | | | |



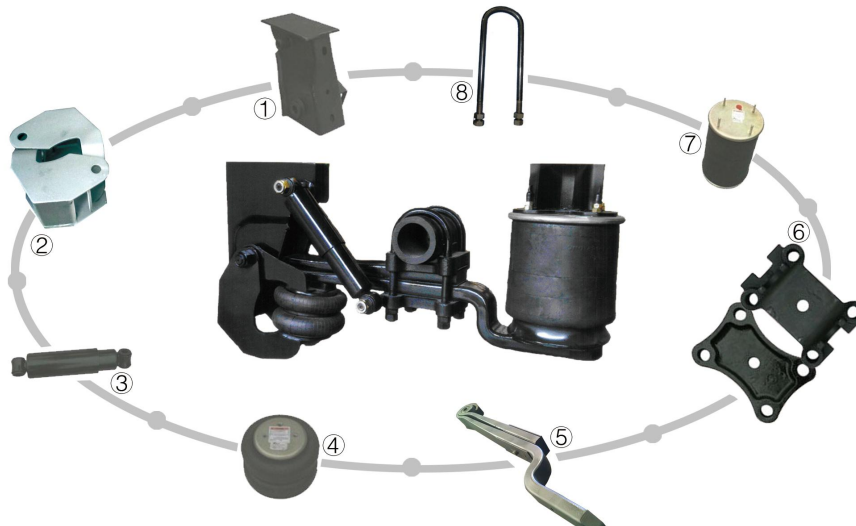
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AIR SUSPENSION PARTS



Air suspension advantage

1. More economical; less wear and tear
2. Increased road safety; more comfortable
3. Less damage to road surface
4. Reduced noise; more environmental protection
5. Simple adaption to loading ramp height
6. Long life-expectancy; reduced cost
7. Increase vehicle speed
8. Operational temperature of air bag: -50/55 degree centigrade



- | | | |
|------------------|---|--------------------|
| ① Hanger | A | ⑤ Leaf spring |
| ② Hanger | B | ⑥ Axle/u bolt seat |
| ③ Shock absorber | | ⑦ Air bag |
| ④ Lift | | ⑧ U bolt |



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LANDING GEAR PARTS



Introduction and precautions

The main components of the landing gears are two-speed gearbox, support sleeve, support rod, drive screw (shank) and support plate, the structure is very simple function is very important.

Two-speed interpretation of the landing gears: swing landing gears have two speeds, respectively, for empty-load and heavy load. One slow speed stall, is the rocker pull out, suitable for heavy load. The other stall is fast speed, is the shaking rod into the gear box stalls, high speed to apply to put away the landing gears or empty load.

● **Operation landing gear Note:**

1, Empty load can be used when the fast stall, also can be used slow stall. But when the over-load is strictly prohibited with the fast stall.

2, when the landing gear out of the tractor to the ground should pay attention to the ground is flat or not, if necessary, should put the pad under shoes seat to ensure that the basic level of support surface consistent.

3, the landing gears must be put away and the joystick to recover the original position. To prevent trailer moving caused the "kick" phenomenon damage the landing gears.

● **Maintenance matters:**

1, to always check the tightening of the landing gears bolts to prevent the emergence of lose support force.

2, After use of one year or thirty thousand kilometers later, need add lithium-based grease to ensure the normal use of gear parts.

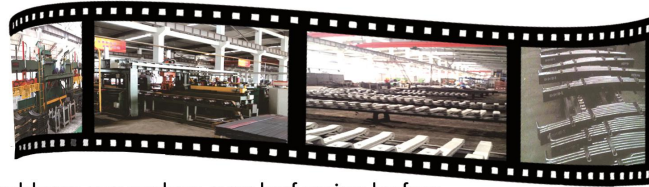


- ① Frame
- ② Gear
- ③ Box
- ④ Seat
- ⑤ Handle



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AIR SUSPENSION PARTS

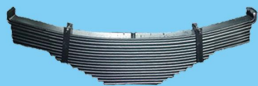


If leaf spring have the following problems,can replace new leaf spring by free.

- 1.Scar,burr,peeling and other serious surface defects
- 2.Longitudenal crack
- 3.Chipping(commonly known as lose weight and joined knife)
- 4.New leaf spring clamp falling off,rivet cracking,uncompleted casing
- 5.The rolled ear of the single piece or assembly is broken within one month,but the wear degree is less than 0.8mm
- 6.The external broken of the single piece from the cover plate(u bolt clamping distance),but the wear degree is less than 0.8mm
- 7.There are sand hole,rough eye,and impurity,interlayer in the fracture surface,but the wear degree is less than 0.8mm

If leaf spring have the following problems,can not replace new leaf spring by free.

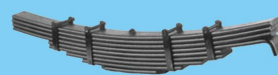
- 1.Because U-bolt loosening or breaking, resulting in leaf spring center hole or U-shaped bolt clamping distance fracture or bending
2. Illegal use, such as: the main plate used in the sub-plate, the uneven force caused by the leaf spring fracture
3. The use period is too long and the product life expires
4. serious accidents caused by traffic accidents or other accidental causes
5. Leaf spring assembly or loose pieces by the dealer or user restructuring, such as: welding, cutting and so on
6. Serious rust caused by improper storage of leaf spring
7. Don't have our company's logo on the leaf spring(that is, can not prove that is our company's leaf spring)



Chord length:1637mm/1820mm
 Chord height:96mm/110mm
 Total pcs:19pcs/17pcs
 Thickness:14-18mm/14-20mm
 Width:90mm/120mm
 Weight:265kg/356kg



Chord length:1112mm
 Chord height:203mm
 Total pcs:3pcs
 Thickness:20mm
 Width:75mm
 Weight:24kg



Chord length:1120mm
 Chord height:66.25mm
 Total pcs:9pcs
 Thickness:16mm
 Width:90mm
 Weight:86kg



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AIR TANK

The air tank is mainly used for storing the compressed air from the air compressor in the brake line, providing enough working air pressure to the whole braking system and condensing part of the moisture in the compressed air to the bottom.



Volume (L)	Thickness (mm)	Diameter (mm)	Length (mm)	Weight (kg)
40L	1.5	270	660	9
	1.8			10
	2			11
50L	1.5	300	720	10
	1.8			11
	2			12
60L	1.5	280	1100	11
	1.8			13
	2			16

U BOLT



Used for	Diameter (mm)	Width (mm)	Length (mm)
24T bogie big u bolt	36	236	636
24T bogie small u bolt	24	157	430
32T bogie big u bolt	36	290	705
32T bogie small u bolt	25	190	430

TWIST LOCK



Thickness:8mm/10mm
Width:150mm*150mm





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KING PIN



Size	Type	Weight (kg)
2"	welded	6
	bolted	14
3.5"	welded	10
	bolted	17.5

FIFTH WHEEL



Size:2" /3.5"
 Vertical load:28T/25T
 Mounting height:160mm/172mm/182mm
 Weight:170kg/178kg

TYRE



Size:12.00R24
 Ply rating:20
 Inflation pressure kpa:900/900
 Maximum load kn:160/157
 Inflated section width:324mm
 Inflated overall diameter:1250mm
 O.T.D:17.5mm

RIM



Size:8.5-24
 Thickness:14mm/16mm
 Holes:10
 Center hole diameter:281mm
 PCD:335mm
 Offset:180mm





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VALVE




product details
Original NO DX-80091
MV3:All Ports 1/4in P.T. Except
Auxiliary Port(1) 1/8in P.T.



product details
Original No.DX-80013
Ports: All port=1/2"NPT



product details
Original No.:DX-80247(A)
Ports: M22*1.5
Operating Pressure:20 Bar



product details
Original No.:DX-80142(A)
150PSI Cracking Pressure



product details
Original No.:452711
Material:PE Single Layer




product details
Original No.:DX-80139(A)
Type:6 Holes
Die Cast Aluminum Oil Hub Cap
Flange - O.D. = 6.4" / Flange - I.D. = 4.56"
Bolt Circle Diameter = 5.5" /
Number of Bolts = 6 / Bolt Size = 5/16"
Outside Cap Height = 3" / Inside Cap Height = 2.54




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LED LIGHT

LED CIMC three taillight
24v
57LED
24V 45*16*5cm
1 carton 30pcs



140-2 electronic taillight
36LED
24.12V 34*14.5*3cm
1 carton 40pcs



LED CIMC 4inch single light
(red yellow white)
19LED
24V Diameter 13.3cm t
hickness 3cm
1 carton 150pcs



LED CIMC big side light
24v 12 LED
24V 21*11*9cm
1 carton 100pcs
0.23kg



Big license plate lamp
24v Common bulb
24 V 8.7*6.3*5.9cm
0.07kg



24 V





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