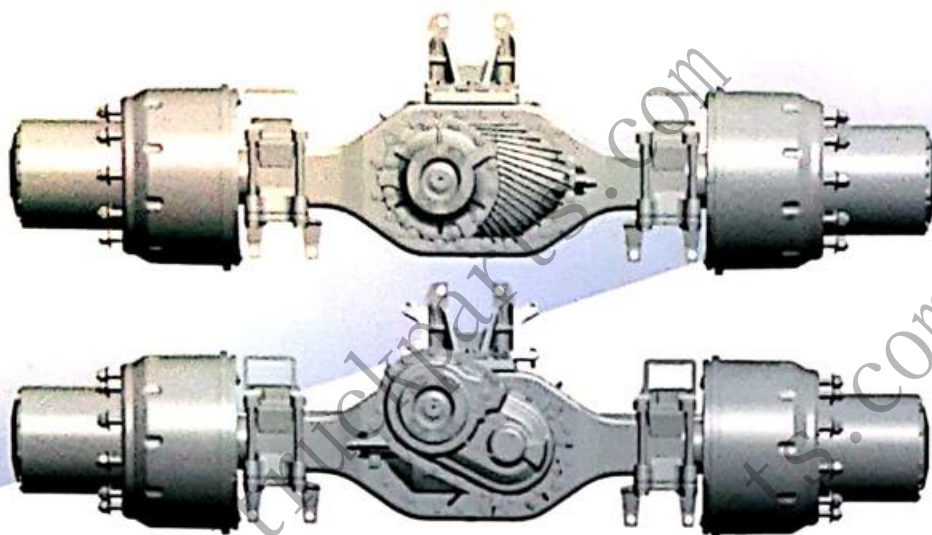
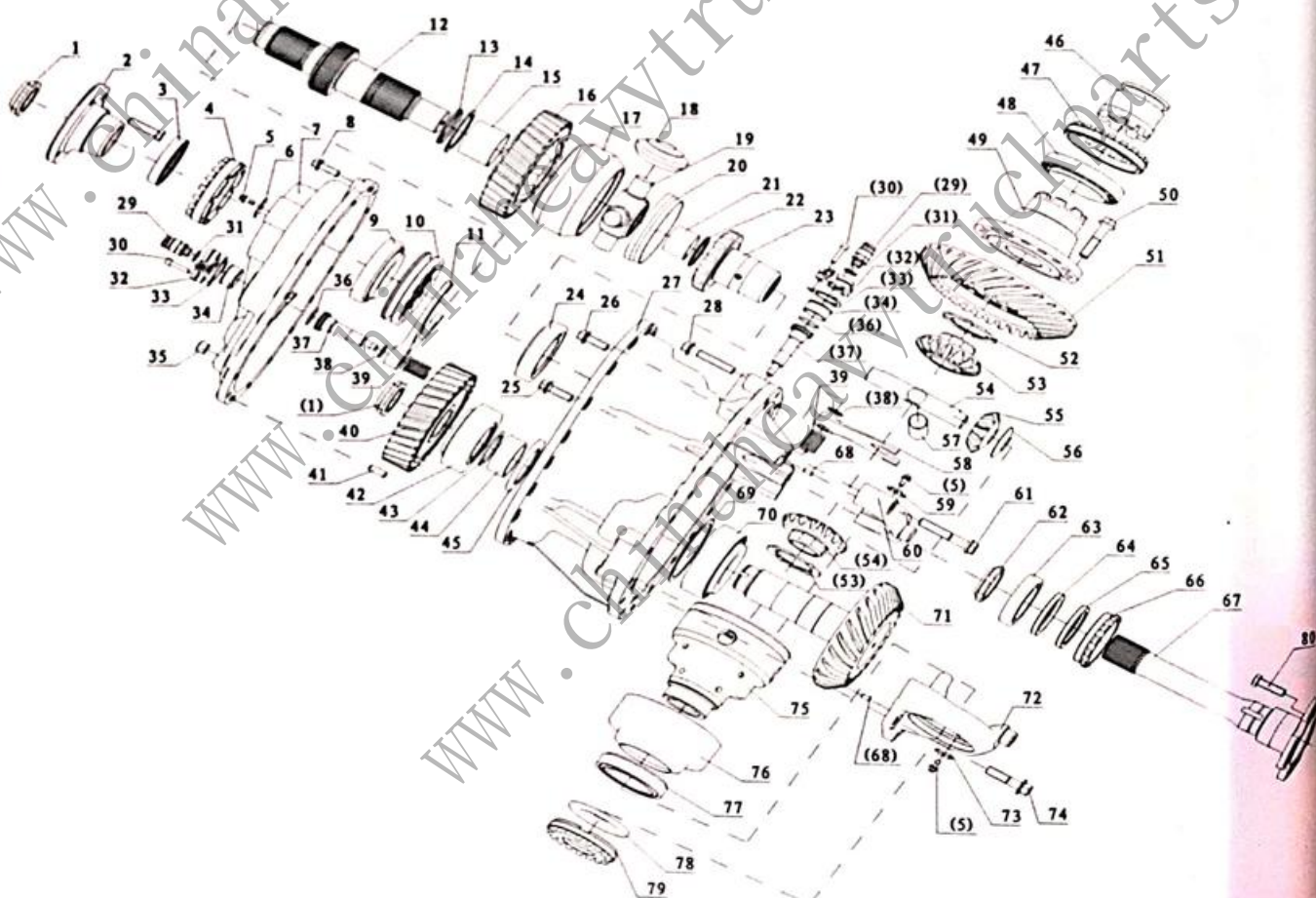


# 汉德 13吨/16吨 MAN驱动桥 **Hande 13T/16T MAN Driving Axle(HDZ300)**



13吨/16吨中桥主减  
**13T/16T Medium axle final drive**





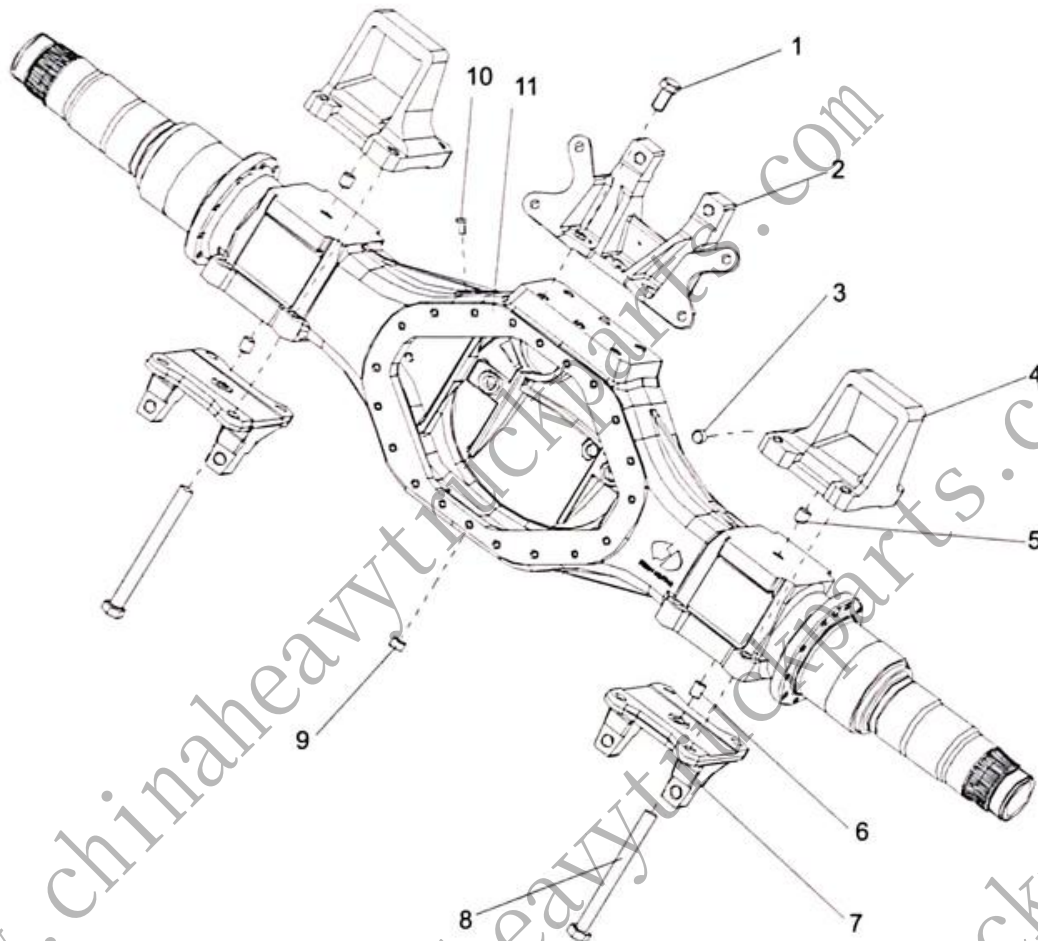
| 序号<br>Item | 件号<br>Part No. | 名称                 | Name                                  |
|------------|----------------|--------------------|---------------------------------------|
| 1          | DZ95149320054  | 十二角螺母              | Nut                                   |
| 2          | HD469-2502012  | 凸缘φ180             | Flange plate φ180                     |
| 3          | DZ9112320920   | 主减油封               | Final drive oil seal                  |
| 4          | HD469-2502014  | 调整螺母               | Adjusting nut                         |
| 5          | Q1800816       | 六角法兰面承面带齿螺栓        | Hex flange toothed bolt               |
| 6          | HD469-2502015  | 锁片                 | Lock piece                            |
| 7          | DZ90149320017  | 过桥箱盖               | Final drive case cap                  |
| 8          | Q1811235TF2    | 六角法兰面承面带齿螺栓        | Hex flange toothed bolt               |
| 9          | 06.32499.0088  | 圆锥滚子轴承 FAG31313A   | Tapered rolling bearing FAG 31313A    |
| 10         | DZ90149320026  | 滑动啮合套              | Sliding mesh sleeve                   |
| 11         | HD469-2511011  | 拨叉                 | Selector fork                         |
| 12         | HD469-2502011  | 贯通轴 (输入端)          | Connect shaft (Input end)             |
| 13         | HD469-2502017  | 垫环                 | Washer                                |
| 14         | DZ95149320064  | 止推垫片               | Thrust washer                         |
| 15         | HD469-2502019  | 衬套                 | Bush                                  |
| 16         | DZ90149320000  | 主动圆柱轮              | Active cylinder gear                  |
| 17         | HD469-2510011  | 轴间差速器壳             | Axle differential case                |
| 18         | HD469-2510013  | 行星齿轮               | Planet gear                           |
| 19         | HD469-2510014  | 十字轴                | Cross shaft                           |
| 20         | HD469-2510012  | 集油罩                | Collect oil cap                       |
| 21         | HD469-2510015  | 衬套                 | Bush                                  |
| 22         | HD469-2510017  | 调整垫圈               | Adjusting washer                      |
| 23         | DZ9114320933   | 半轴齿轮               | Axle shaft gear                       |
| 24         | 32215          | 圆锥滚子轴承32215        | Tapered rolling bearing 32215         |
| 25         | Q1811445TF2    | 六角法兰面承面带齿螺栓        | Hex flange toothed bolt               |
| 26         | Q1811440TF2    | 六角法兰面承面带齿螺栓        | Hex flange toothed bolt               |
| 27         | DZ90149320019  | 主减速器壳总成            | Final drive case                      |
| 28         | DZ9003800004   | 六角法兰面承面带齿螺栓        | Hex flange toothed bolt               |
| 29         | 81.25503.0244  | 压力开关               | Pressure switch                       |
| 30         | Q150B0835      | 六角头螺栓              | Inner hexagon bolt                    |
| 31         | Q72318         | 密封垫圈               | Seal washer                           |
| 32         | HD469-2406012  | 气缸盖                | Cylinder head                         |
| 33         | HD469-2406017  | 密封衬垫               | Gasket                                |
| 34         | HD469-2406014  | 衬套                 | Bush                                  |
| 35         | 81.90310.0179  | 螺纹堵塞               | Screw plug                            |
| 36         | HD469-2406015  | O型圈 M7.660-60 34*3 | O-ring M7.660-60 34*3                 |
| 37         | HD469-2406013  | 活塞杆                | Piston rod                            |
| 38         | HD469-2402014  | 垫圈DIN988-22*30*0.5 | Adjusting washer DIN 988-22*30*0.5    |
| 38         | HD469-2402016  | 垫圈DIN988-22*30*1   | Adjusting washer DIN 988-22*30*1      |
| 39         | HD469-2406011  | 差速锁回位弹簧            | Spring                                |
| 40         | DZ90149320001  | 从动圆柱齿轮             | Passive cylinder gear                 |
| 41         | Q5211232       | 圆柱销 (A型-d公差m6)     | Cylindrical pin(A from-d allowance m) |
| 42         | DZ90149320056  | 圆锥滚子轴承 32313 BX    | Tapered rolling bearing 32313BX       |
| 43         | 81.90770.0100  | 调整垫片               | Adjusting washer                      |
| 44         | DZ90149320004  | 间隔衬套               | Space bush                            |
| 45         | 81.35730.0018  | 集油盘                | Oil baffle disc                       |
| 46         | DZ90149320040  | 滑动啮合套              | Sliding mesh sleeve                   |
| 47         | DZ90149320015  | 调整螺母               | Adjusting nut                         |
| 48         | 32020X/Q       | 圆锥滚子轴承             | Tapered rolling bearing               |
| 49         | DZ90149320006  | 差速器壳               | Differential case                     |
| 50         | DZ90149320007  | 六角法兰面承面带齿螺栓        | Hex flange toothed bolt               |



| 序号<br>Item | 件号<br>Part No. | 名称              | Name                                   |
|------------|----------------|-----------------|----------------------------------------|
| 51和71      | DZ90149320051  | 锥齿副(i=1.208)    | bevel gear pair (i=1.208)              |
|            | DZ90149320067  | 锥齿副(i=1.333)    | Passive bevel gear(i=1.333)            |
|            | DZ90149320061  | 锥齿副(i=1.5)      | Passive bevel gear(i=1.5)              |
|            | HD90149320004  | 锥齿副(i=1.706)    | Passive bevel gear(i=1.706)            |
| 52         | 81.35613.0043  | 半轴齿轮垫片          | Axle shaft gear washer                 |
| 53         | 81.35106.0036  | 半轴齿轮            | Axle shaft gear                        |
| 54         | DZ90149320008  | 十字轴             | Cross shaft                            |
| 55         | DZ90149320010  | 行星齿轮            | Planet gear                            |
| 56         | DZ90149320011  | 行星齿轮垫片          | Planet gear washer                     |
| 57         | DZ90149320009  | 十字轴             | Cross shaft                            |
| 58         | DZ90149320041  | 拨叉              | Selector fork                          |
| 59         | DZ90149320047  | 锁片              | Lock piece                             |
| 60         | DZ90149320018  | 差速器轴承盖          | Bearing cap                            |
| 61         | DZ9003800000   | 六角法兰面带齿螺栓       | Hex flange toothed bolt                |
| 62         | DZ95149320053  | 开槽圆螺母           | Slotted nut                            |
| 63         | DZ90149326012  | 四点接触球轴承         | Four point contact ball bearing        |
| 64         | 06.56279.0331  | 油封              | Oil seal                               |
| 65         | 06.56279.0335  | 油封              | Oil seal                               |
| 66         | 81.90685.0053  | 调整螺母            | Adjusting nut                          |
| 67         | DZ90149320053  | 过桥箱贯通轴          | Axle differential through shaft        |
| 68         | Q5220816       | 圆柱销 (B型-d公差h8)  | Cylindrical pin(B from-d allowance h8) |
| 69         | DZ90149320021  | 调整垫片            | Adjusting washer                       |
| 70         | DZ90149320055  | 圆锥滚子轴承 32314 BX | Tapered rolling bearing 32314 BX       |
| 71         | DZ90149320002  | 主动锥齿轮(i=1.208)  | Active taper gear(i=1.208)             |
|            | DZ90149320068  | 主动锥齿轮(i=1.333)  | Active taper gear(i=1.333)             |
|            | DZ90149320062  | 主动锥齿轮(i=1.5)    | Active taper gear(i=1.5)               |
|            | HD90149320002  | 主动锥齿轮(i=1.706)  | Active taper gear(i=1.706)             |
| 72         | DZ90149320029  | 差速器轴承盖          | Bearing cap                            |
| 73         | DZ9112320373   | 锁片(左)           | Lock piece(left)                       |
| 74         | Q1811665TF2    | 六角法兰面带齿螺栓-细牙    | Hex flange toothed bolt                |
| 75         | DZ90149320005  | 差速器壳            | Differential case                      |
| 76         | DZ90149320042  | 挡油罩             | Collect oil cap                        |
| 77         | 32017          | 圆锥滚子轴承32017X    | Tapper rolling bearing 32017X          |
| 78         | DZ90149320012  | 集油盘             | Collect oil plate                      |
| 79         | DZ90149320013  | 调整螺母            | Adjusting nut                          |
| 80         | Q151B1455TF3   | 六角头螺栓           | Hex bolt                               |

# 16吨中桥桥壳

## 16T Medium axle housing

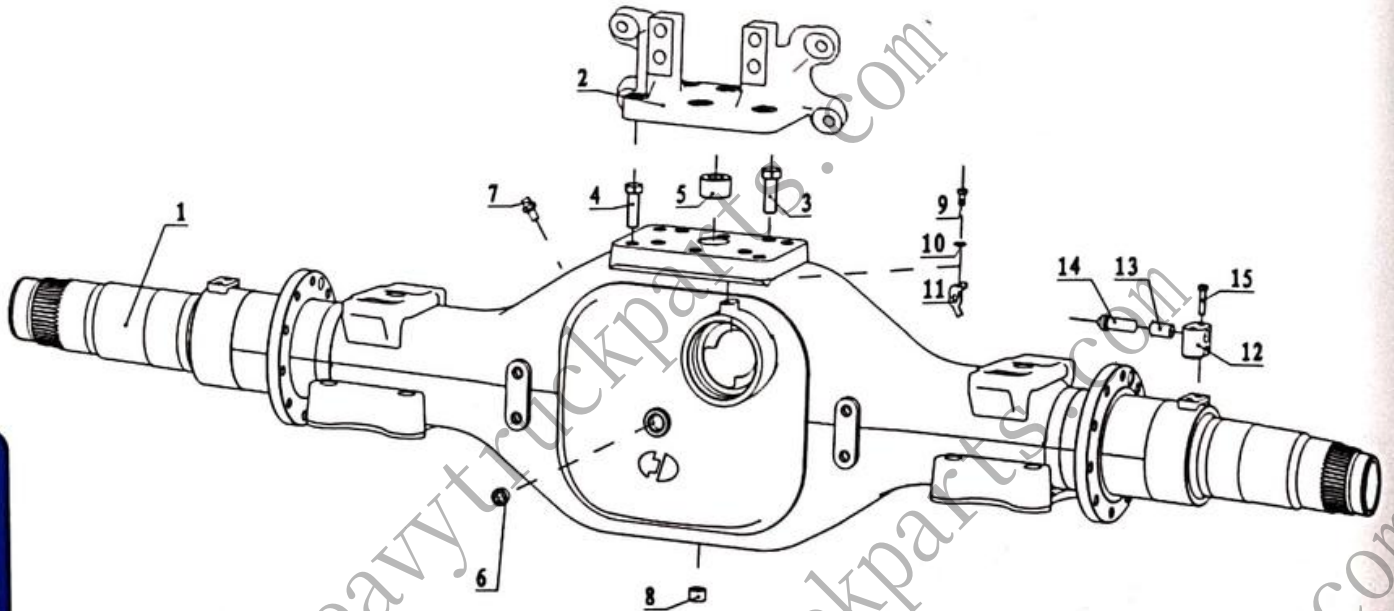


| 序号<br>Item | 件号<br>Part No. | 名称      | Name                                 |
|------------|----------------|---------|--------------------------------------|
| 1          | Q151B2040TF52  | 六角头螺栓   | Hex bolt                             |
| 2          | HD95149340002  | 气室支架    | Chamber bracket                      |
| 3          | 81.90310.0179  | 螺纹堵塞    | Thread plug                          |
| 4          | DZ9114524035   | 后板簧左前支架 | Rear leaf spring left front bracket  |
|            | DZ9114524036   | 后板簧右前支架 | Rear leaf spring right front bracket |
| 5          | 199014520256   | 销       | Pin                                  |
| 6          | 190003901905   | 圆柱销     | Cylindrical pin                      |
| 7          | DZ9114520307   | 左支架     | Left bracket                         |
|            | DZ9114520308   | 右支架     | Right bracket                        |
| 8          | DZ9114520116   | 六角头螺栓   | Hex bolt                             |
| 9          | 81.90301.0025  | 油堵      | Oil plug                             |
| 10         | 81.35306.0034  | 直通接头    | Vent joint                           |
| 11         | HD95149330045  | 中桥壳总成   | Middle axle housing assembly         |



# 13吨中桥桥壳 (MAN悬架)

## 13T Medium axle housing (MAN suspension)

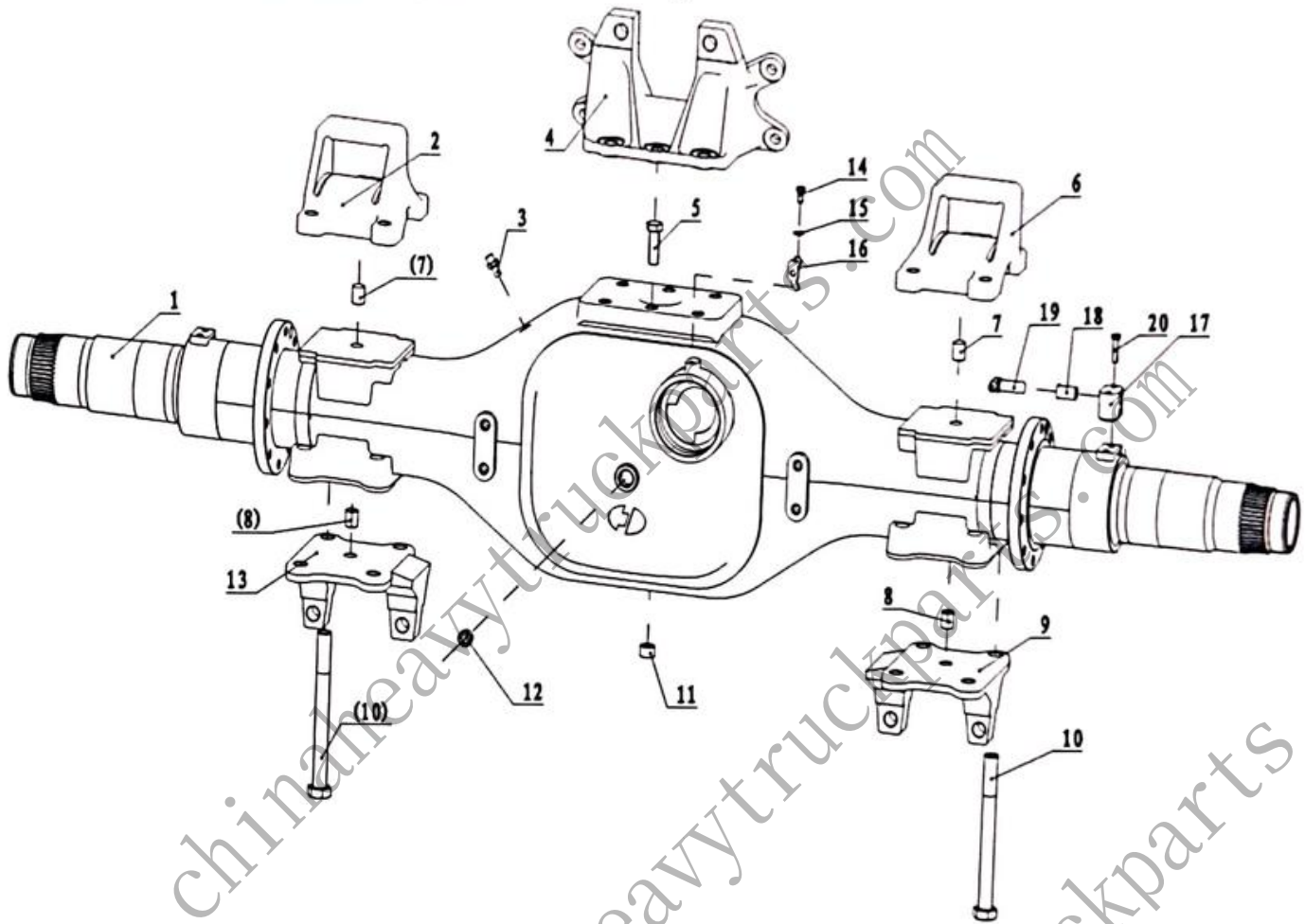


| 序号<br>Item | 件号<br>Part No. | 名称               | Name                                      |
|------------|----------------|------------------|-------------------------------------------|
| 1          | HD90129330546  | 贯通式驱动桥桥壳总成, V推   | Axle case assembly                        |
|            | HD90129330548  | 贯通式驱动桥桥壳总成, 直推   | Axle case assembly                        |
|            | HD90129330559  | 贯通式驱动桥桥壳总成, 空气悬架 | Axle case assembly                        |
| 2          | DZ9114340189   | 气室支架, V推, 空气悬架   | Chamber bracket, V thrust, air suspension |
|            | HD95129340010  | 气室支架, 直推         | Chamber bracket, straight thrust          |
| 3          | Q1811650TF2    | 六角法兰面承面带齿螺栓-细牙   | Hex flange toothed bolt                   |
| 4          | 06.02812.1115  | 六角法兰面承面带齿螺栓      | Hex flange toothed bolt                   |
| 5          | 81.93021.0057  | 衬套               | Bush                                      |
| 6          | 81.90310.0179  | 螺纹堵塞             | Screw plug                                |
| 7          | 81.35306.0034  | 直通接头             | Vent joint                                |
| 8          | 81.90310.0179  | 螺纹堵塞             | Screw plug                                |
| 9          | Q15080816      | 六角头螺栓            | Hex bolt                                  |
| 10         | Q41408         | 锥形锯齿锁紧垫圈         | Adjusting washer                          |
| 11         | 81.90801.0221  | 锁止片              | Lock piece                                |
| 12         | DZ9112340100   | ABS支架            | ABS bracket                               |
| 13         | DZ9100580215   | 传感器衬套            | ABS sensor bush                           |
| 14         | DZ9100580214   | 传感器              | ABS sensor                                |
| 15         | Q15080835      | 六角头螺栓            | Hex bolt                                  |



## 13吨中桥桥壳 (STR悬架)

## 13T Medium axle housing (STR suspension)



| 序号<br>Item | 件号<br>Part No. | 名称             | Name                                 |
|------------|----------------|----------------|--------------------------------------|
| 1          | HD90129330537  | 贯通式驱动桥桥壳总成     | Axle case assembly                   |
| 2          | DZ9114520616   | 后板簧右前支架, 高度116 | Rear leaf spring right front bracket |
|            | DZ9114520630   | 后板簧右前支架, 高度55  | Rear leaf spring right front bracket |
| 3          | 81.35306.0034  | 直通接头           | Vent joint                           |
| 4          | 199014340042   | 气室支架           | Chamber bracket                      |
| 5          | Q151B2040TF2   | 六角头螺栓-细牙       | Hex bolt                             |
| 6          | DZ9114520615   | 后板簧左前支架, 高度116 | Rear leaf spring left front bracket  |
|            | DZ9114520629   | 后板簧左前支架, 高度55  | Rear leaf spring left front bracket  |
| 7          | 199014520256   | 销              | Pin                                  |
| 8          | 190003901905   | 销              | Pin                                  |
| 9          | HD91129520008  | 下支架 (右)        | Bracket (right)                      |
| 10         | DZ9114520116   | 六角头螺栓          | Hex bolt                             |
| 11         | 81.90310.0179  | 螺纹堵塞           | Screw plug                           |
| 12         | 81.90310.0179  | 螺纹堵塞           | Screw plug                           |
| 13         | HD91129520007  | 下支架 (左)        | Bracket (left)                       |
| 14         | Q150B0816      | 六角头螺栓          | Hex bolt                             |
| 15         | Q41408         | 锥形锯齿锁紧垫圈       | Adjusting washer                     |
| 16         | 81.90801.0221  | 锁止片            | Lock piece                           |
| 17         | DZ9112340100   | ABS支架          | ABS bracket                          |
| 18         | DZ9100580215   | 传感器衬套          | ABS sensor bush                      |
| 19         | DZ9100580214   | 传感器            | ABS sensor                           |
| 20         | Q150B0835      | 六角头螺栓          | Hex bolt                             |

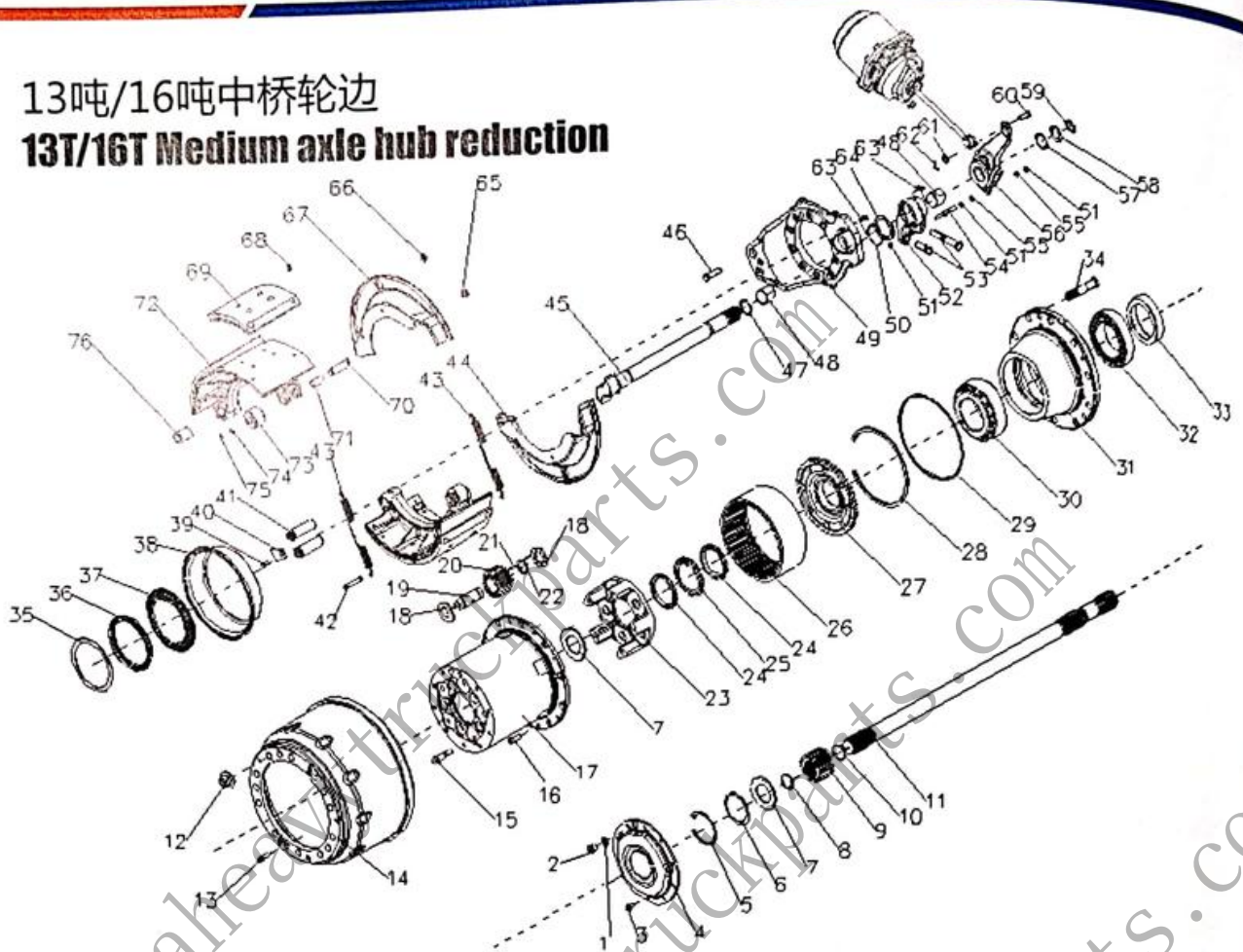
车桥

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AXLE



# 13吨/16吨中桥轮边 13T/16T Medium axle hub reduction



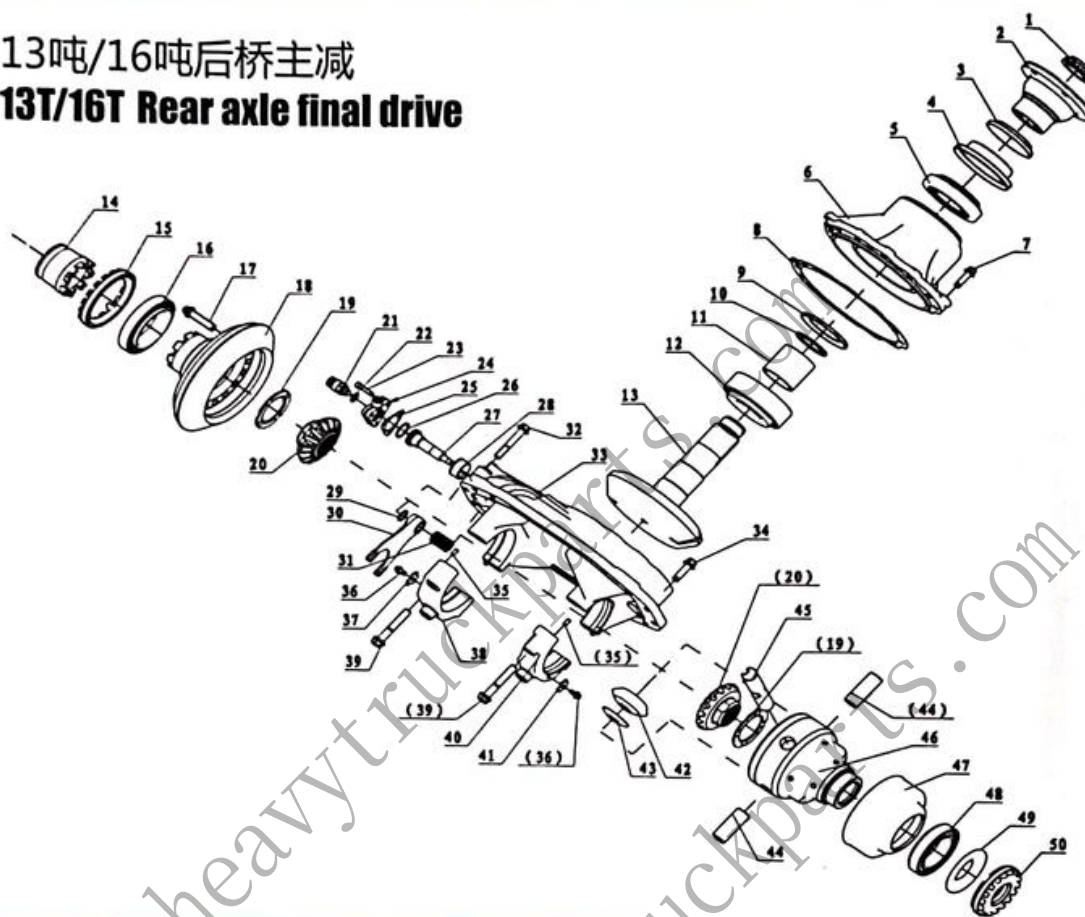
| 序号<br>Item | 件号<br>Part No. | 名称       | Name                        |
|------------|----------------|----------|-----------------------------|
| 1          | 190003098026   | 密封垫圈     | Seal ring                   |
| 2          | HD95129340120  | 圆柱头内六角螺栓 | Screw plug                  |
| 3          | Q184A1018TF2   | 六角法兰面螺栓  | Hex bolt                    |
| 4          | 81.35114.0086  | 端盖       | End cap                     |
| 5          | 06.29020.0214  | 孔用弹性挡圈   | Circlip for hole            |
| 6          | 06.29020.0216  | 孔用弹性挡圈   | Circlip for hole            |
| 7          | 81.90701.0753  | 调整垫片     | Adjuster shim               |
| 8          | 81.90712.0873  | 调整垫片     | Adjuster shim               |
| 9          | 81.90711.0640  | 止推垫片     | Stop washer                 |
| 10         | 81.90712.0878  | 止推垫片     | Stop washer                 |
| 11         | 06.29200.0117  | 轴用弹性挡圈   | Circlip for axle            |
| 12         | 81.35113.0044  | 太阳轮      | Sun gear                    |
| 13         | 81.35113.0034  | 太阳轮      | Sun gear                    |
| 14         | Q43750         | 轴用钢丝挡圈   | Circlip for axle            |
| 15         | DZ90149340007  | 半轴(左)    | Half axis(left)             |
| 16         | DZ90149340008  | 半轴(右)    | Half axis(right)            |
| 17         | 190003884160   | 车轮螺母     | Wheel nut                   |
| 18         | Q2541020       | 十字槽盘头螺钉  | Cross recess pan head screw |
| 19         | 81.50110.0144  | 制动鼓      | Brake drum                  |
| 20         | 81.90010.0067  | 六角头螺栓    | Hex bolt                    |
| 21         | Q2541025       | 十字槽盘头螺钉  | Cross recess pan head screw |
| 22         | F81.35114.6113 | 轮边减速器总成  | Hub redactor assembly       |
| 23         | 81.35114.6111  | 轮边减速器壳   | Hub redactor case           |
| 24         | 81.90711.0641  | 止推垫片     | Stop washer                 |
| 25         | 81.90712.0878  | 止推垫片     | Stop washer                 |
| 26         | 81.91020.0709  | 行星轮轴     | Planet gear axle            |
| 27         | 81.91020.0698  | 行星轮轴     | Planet gear axle            |
| 28         | 81.35112.0029  | 行星齿轮     | Planet gear                 |
| 29         | 81.35112.0023  | 行星齿轮     | Planet gear                 |
| 30         | 06.32569.0029  | 滚针       | Needle bearing              |
| 31         | 06.32569.0030  | 滚针       | Needle bearing              |
| 32         | 06.32569.0031  | 滚针       | Needle bearing              |
| 33         | 06.32569.0032  | 滚针       | Needle bearing              |
| 34         | 06.32569.0034  | 滚针       | Needle bearing              |
| 35         | 06.32569.0035  | 滚针       | Needle bearing              |
| 36         | 06.32569.0036  | 滚针       | Needle bearing              |
| 37         | 06.32569.0037  | 滚针       | Needle bearing              |
| 38         | 81.90711.0548  | 间隔垫圈     | Space ring                  |
| 39         | 81.90712.0878  | 间隔垫圈     | Space ring                  |



| 序号<br>Item | 件号<br>Part No. | 名称          | Name                                      |
|------------|----------------|-------------|-------------------------------------------|
| 23         | 81.35114.0092  | 行星架         | Planet carrier                            |
|            | 81.35114.0113  | 行星架         | Planet carrier                            |
| 24         | 81.90620.0048  | 开槽螺母        | Hex nut                                   |
| 25         | 81.90801.0224  | 防松锁片        | Locking washer                            |
| 26         | 81.35111.0021  | 内齿圈         | Inside gear ring                          |
|            | 81.35111.0017  | 内齿圈         | Inside gear ring                          |
| 27         | 81.35114.0019  | 齿圈支架        | Gear ring bearer                          |
|            | 81.35114.0101  | 齿圈支架        | Gear ring bearer                          |
| 28         | DZ95129340046  | 孔用弹性挡圈      | Circlip for hole                          |
|            | DZ95129340045  | 孔用弹性挡圈      | Circlip for hole                          |
| 29         | 06.56341.4254  | O型密封圈       | O-ring                                    |
| 30         | 33220          | 圆锥滚子轴承      | Tapered roller bearing                    |
| 31         | 81.35701.0128  | 轮毂          | Wheel hub                                 |
| 32         | 06.32499.0155  | 圆锥滚子轴承      | Tapered roller bearing                    |
| 33         | DZ9112340280   | 隔圈          | Space ring                                |
| 34         | H150A22120BZF3 | 车轮螺栓        | Wheel bolt                                |
|            | H150A22133CZF3 | 车轮螺栓        | Wheel bolt                                |
| 35         | 81.35720.0005  | 挡板          | Thrust gasket ring                        |
| 36         | 06.56289.0330  | 油封          | Oil seal                                  |
| 37         | 06.56289.0371  | 油封          | Oil seal                                  |
| 38         | 81.35730.0033  | 挡油罩         | Oil baffle disc                           |
| 39         | 06.02828.4505  | 六角头螺栓       | Hex bolt                                  |
| 40         | 81.90801.0225  | 护板          | Cover sheet                               |
| 41         | 81.50212.0032  | 制动蹄销        | Pin                                       |
| 42         | 81.50211.0018  | 回位弹簧销       | Return spring pin                         |
| 43         | 81.97610.0115  | 回位弹簧        | Return spring                             |
| 44         | DZ9112340012   | 防尘罩 (左)     | Dirt guard (left)                         |
| 45         | DZ9112340139   | 制动凸轮轴 (左)   | Brake camshaft(left)                      |
|            | DZ9112340140   | 制动凸轮轴 (右)   | Brake camshaft(right)                     |
| 46         | Q151B1445TF2   | 六角头螺栓       | Hex bolt                                  |
| 47         | 188000340023   | O形密封圈       | O-ring                                    |
| 48         | 188000340017   | 衬套          | Bush                                      |
| 49         | DZ9112340143   | 制动底板 (左)    | Brake backing plate(left)                 |
|            | DZ9112340097   | 制动底板 (右)    | Brake backing plate(right)                |
| 50         | 188000440010   | 附加垫片        | Washer                                    |
| 51         | Q340808        | 1型六角薄螺母     | Hex nut                                   |
| 52         | DZ9112340146   | 凸轮轴支座       | Bracket                                   |
| 53         | Q151B16110     | 六角头螺栓       | Hex bolt                                  |
| 54         | Q151B1645      | 六角头螺栓       | Hex bolt                                  |
| 55         | HD90129340259  | 螺纹销         | Threaded pin                              |
| 56         | HD90129340257  | 自动间隙调整臂 (左) | Automatic clearance adjusting arm (left)  |
|            | HD90129340258  | 自动间隙调整臂 (右) | Automatic clearance adjusting arm (right) |
|            | 199000340056   | 间隙调整臂总成 (左) | Clearance adjusting arm (left)            |
|            | 199000340057   | 间隙调整臂总成 (右) | Clearance adjusting arm (right)           |
| 57         | HD90129348285  | 垫圈          | Washer                                    |
|            | 108000320028   | 调整垫片        | Adjuster shim                             |
|            | 108000320029   | 调整垫片        | Adjuster shim                             |
|            | 108000320030   | 调整垫片        | Adjuster shim                             |
| 59         | Q43125         | 轴用弹性挡圈      | Circlip for axle                          |
| 60         | 190003903661   | 销           | Pin                                       |
| 61         | 190003935015   | 平垫圈         | Plain washer                              |
| 62         | 190003920328   | 开口销         | Cotter pin                                |
| 63         | 06.38070.0102  | 滑脂嘴         | Grease nipple                             |
| 64         | 190003933300   | 轴用弹性挡圈      | Circlip for axle                          |
| 65         | Q150B1012      | 六角头螺钉       | Hex bolt                                  |
| 66         | 188000340037   | 密封塞         | Choke plug                                |
| 67         | DZ9112340013   | 防尘罩 (右)     | Dirt guard (right)                        |
| 68         | 81.92201.0108  | 铆钉          | Rivet                                     |
|            | 81.92201.0109  | 铆钉          | Rivet                                     |
| 69         | DZ9112340062   | 上摩擦片        | Upper friction plate                      |
|            | DZ9112340063   | 下摩擦片        | Lower friction plate                      |
| 70         | 81.50211.0030  | 销           | Pin                                       |
| 71         | 81.93021.0220  | 衬套          | Bush                                      |
| 72         | DZ9112340061   | 制动蹄         | Brake shoe                                |
| 73         | 81.50213.0013  | 滚轮          | Roller                                    |
| 74         | 06.15113.2615  | 垫圈          | Washer                                    |
| 75         | 190003933072   | 轴用弹性挡圈      | Circlip for axle                          |
| 76         | DZ95009440001  | 衬套          | Bush                                      |



# 13吨/16吨后桥主减 13T/16T Rear axle final drive

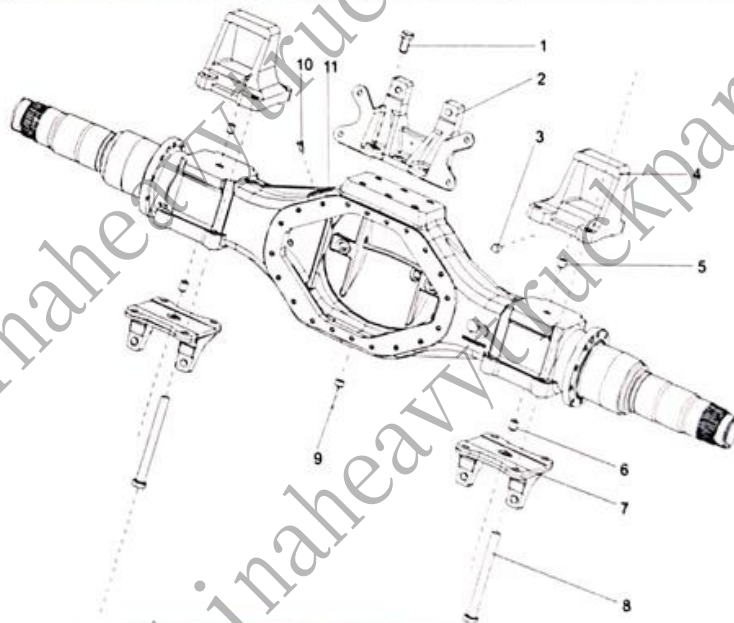


| 序号<br>Item | 件号<br>Part No. | 名称<br>Name                    | 名称<br>Name                         |
|------------|----------------|-------------------------------|------------------------------------|
| 1          | DZ95149320054  | 十二角螺母                         | Nut                                |
| 2          | 81.39115.0175  | 法兰盘                           | Flange plate                       |
| 3          | 81.39135.0004  | 防尘罩                           | Dust cap                           |
| 4          | 06.56289.0319  | 油封                            | Oil seal                           |
| 5          | 31313          | 圆锥滚子轴承 FAG 31313A             | Tapered rolling bearing FAG 31313A |
| 6          | DZ90149320043  | 轴承座                           | Bearing block                      |
| 7          | DZ90001500000  | 螺栓GB/T16674.2 M12×1.5×40-10.9 | Bolt GB/T16674.2 M12×1.5×40-10.9   |
| 8          | DZ90149320031  | 调整垫圈0.1                       | Adjusting washer                   |
|            | DZ90149320032  | 调整垫圈0.15                      | Adjusting washer                   |
|            | DZ90149320033  | 调整垫圈0.2                       | Adjusting washer                   |
|            | DZ90149320034  | 调整垫圈0.35                      | Adjusting washer                   |
|            | DZ90149320035  | 调整垫圈0.5                       | Adjusting washer                   |
| 9          | 81.35730.0018  | 集油盘                           | Oil baffle disc                    |
| 10         | 81.90770.0100  | 调整垫片                          | Adjusting washer                   |
| 11         | 81.91701.0350  | 间隔衬套                          | Space bush                         |
| 12         | DZ90149320055  | 圆锥滚子轴承 32314 BX               | Tapered rolling bearing 32314 BX   |
| 13和18      | DZ90149320052  | 锥齿副(i=1.208)                  | Bevel gear pair(i=1.208)           |
|            | DZ90149320070  | 锥齿副(i=1.333)                  | Bevel gear pair (i=1.333)          |
|            | DZ90149320064  | 锥齿副(i=1.5)                    | Bevel gear pair (i=1.5)            |
|            | HD90149320010  | 锥齿副(i=1.706)                  | Bevel gear pair (i=1.706)          |
| 14         | DZ90149320040  | 滑动啮合套                         | Sliding mesh sleeve                |
| 15         | DZ90149320015  | 调整螺母                          | Adjusting nut                      |
| 16         | 32020          | 圆锥滚子轴承 32020                  | Tapered rolling bearing 32020      |
| 17         | HD90149320043  | 六角法兰面带齿螺栓                     | Hex flange toothed bolt            |
| 19         | 81.35613.0043  | 半轴齿轮垫片                        | Axle shaft gear washer             |
| 20         | 81.35106.0036  | 半轴齿轮                          | Axle shaft gear                    |
| 21         | 81.25503.0244  | 压力开关 (变速器上)                   | Pressure switch                    |
| 22         | Q72318         | 密封垫圈                          | Seal washer                        |
| 23         | Q15080835      | 六角头螺栓                         | Inner hexagon bolt                 |
| 24         | HD469-2406012  | 气缸盖                           | Cylinder head                      |
| 25         | HD469-2406017  | 密封衬垫                          | Gasket                             |



| 序号<br>Item | 件号<br>Part No. | 名称                 | Name                                   |
|------------|----------------|--------------------|----------------------------------------|
| 26         | HD469-2406015  | O型圈 M7.660-60 34*3 | O-ring M7.660-60 34*3                  |
| 27         | HD469-2406013  | 活塞杆                | Piston rod                             |
| 28         | HD469-2406014  | 衬套                 | Bush                                   |
| 29         | HD469-2402014  | 垫圈DIN988-22*30*0.5 | Adjusting washer DIN 988-22*30*0.5     |
|            | HD469-2402016  | 垫圈DIN98822*30*1    | Adjusting washer DIN 988-22*30*1       |
| 30         | DZ90149320041  | 拨叉                 | Selector fork                          |
| 31         | HD469-2406011  | 差速锁回位弹簧            | Return spring                          |
| 32         | DZ9003800004   | 六角法兰面带齿螺栓          | Hex flange toothed bolt                |
| 33         | DZ90149320037  | 主减速器壳总成            | Final drive case                       |
| 34         | Q1811445TF2    | 六角法兰面带齿螺栓          | Hex flange toothed bolt                |
| 35         | Q5220816       | 圆柱销 (B型-d公差h8)     | Cylindrical pin(B from-d allowance h8) |
| 36         | Q1800816       | 六角法兰面带齿螺栓          | Hex flange toothed bolt                |
| 37         | DZ90149320047  | 锁片                 | Lock piece                             |
| 38         | DZ90149320048  | 瓦盖 (左)             | Bearing cap(left)                      |
| 39         | DZ9003800000   | 六角法兰面带齿螺栓          | Hex flange toothed bolt                |
| 40         | DZ90149320049  | 瓦盖 (右)             | Bearing cap(right)                     |
| 41         | DZ9112320373   | 锁片(左)              | Lock piece(left)                       |
| 42         | DZ90149320010  | 行星齿轮               | Planet gear                            |
| 43         | DZ90149320011  | 行星齿轮垫片             | Planet gear washer                     |
| 44         | DZ90149320009  | 十字轴                | Cross shaft                            |
| 45         | DZ90149320008  | 十字轴                | Cross shaft                            |
| 46         | DZ90149320005  | 差速器壳               | Differential case                      |
| 47         | DZ90149320042  | 挡油罩                | Collect oil cap                        |
| 48         | 32017          | 圆锥滚子轴承             | Tapered rolling bearing                |
| 49         | DZ90149320012  | 集油盘                | Collect oil plate                      |
| 50         | DZ90149320013  | 调整螺母               | Adjusting nut                          |

## 16吨后桥桥壳 16T Rear axle housing

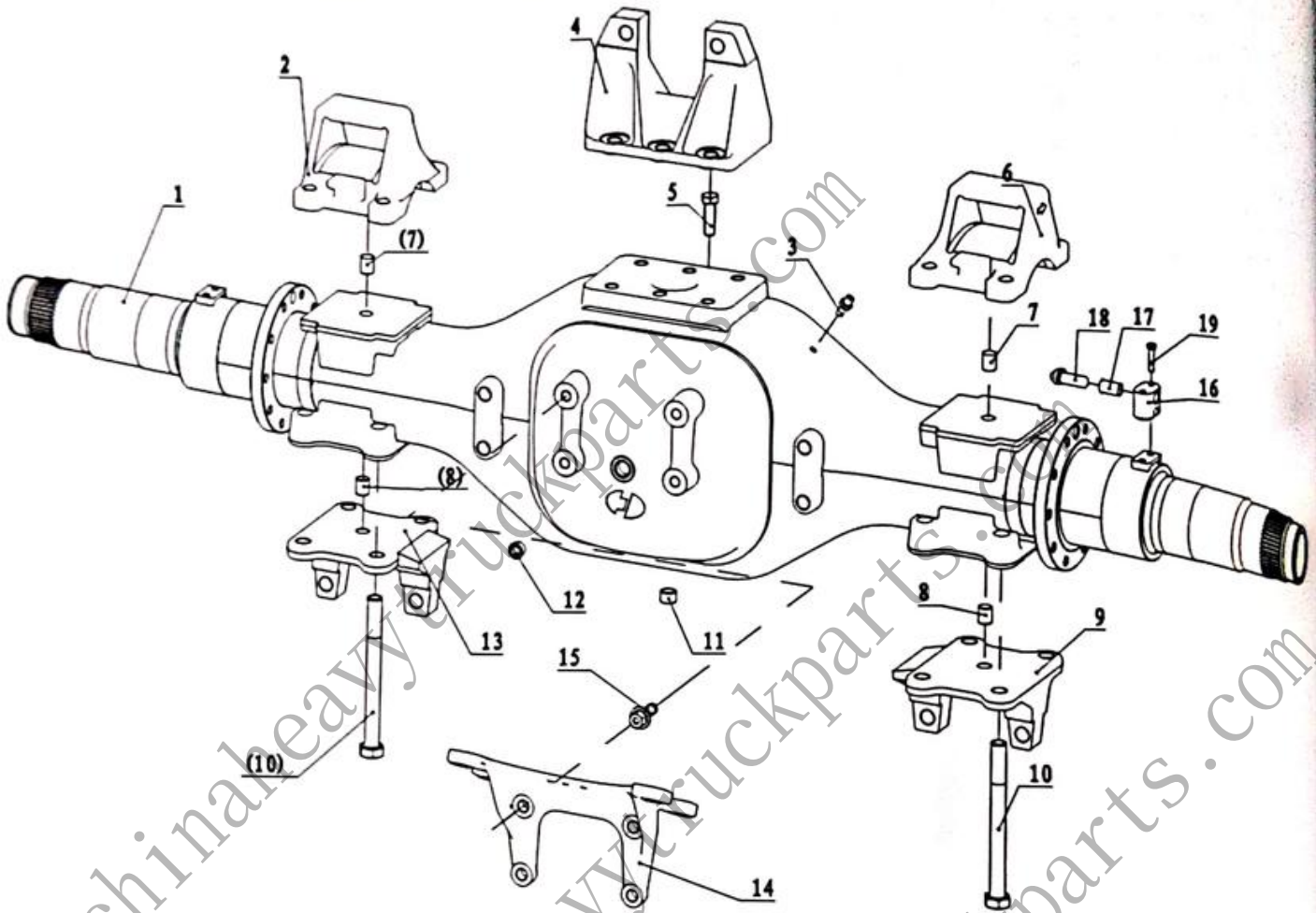


| 序号<br>Item | 件号<br>Part No. | 名称      | Name                                |
|------------|----------------|---------|-------------------------------------|
| 1          | Q151B2040TF52  | 六角头螺栓   | Hex bolt                            |
| 2          | 199014340042   | 气室支架    | Chamber bracket                     |
| 3          | 81.90310.0179  | 螺纹堵塞    | Thread plug                         |
| 4          | DZ9114524037   | 后板簧左后支架 | Rear leaf spring left rear bracket  |
|            | DZ9114524038   | 后板簧右后支架 | Rear leaf spring right rear bracket |
| 5          | 199014520256   | 销       | Pin                                 |
| 6          | 190003901905   | 圆柱销     | Cylindrical pin                     |
| 7          | DZ9114520307   | 左支架     | Left bracket                        |
|            | DZ9114520308   | 右支架     | Right bracket                       |
| 8          | DZ9114520119   | 六角头螺栓   | Hex bolt                            |
| 9          | 81.90301.0025  | 油堵      | Oil plug                            |
| 10         | 81.35306.0034  | 直通接头    | Vent joint                          |
| 11         | HD95149330003  | 后桥壳总成   | Rear axle housing assembly          |



# 13吨后桥桥壳 (STR悬架)

## 13T Rear axle housing (STR suspension)

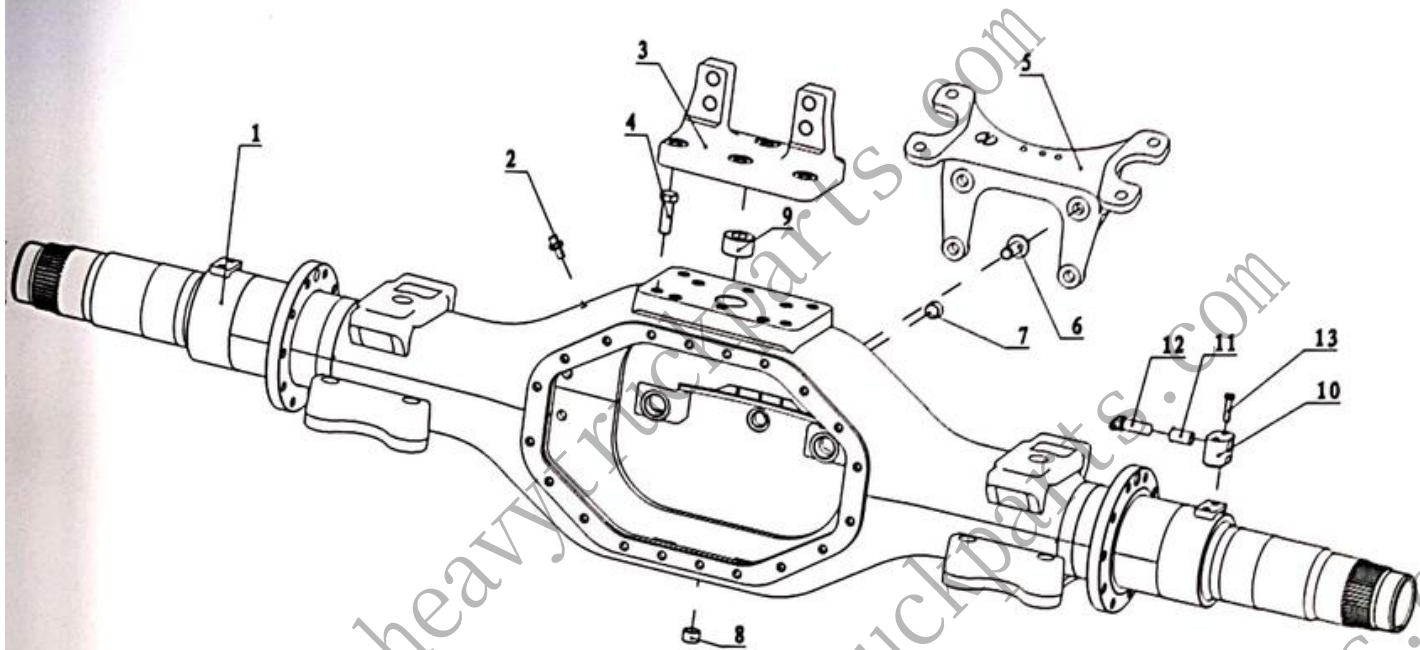


| 序号<br>Item | 件号<br>Part No. | 名称             | Name                                 |
|------------|----------------|----------------|--------------------------------------|
| 1          | HD90129330538  | 驱动桥桥壳总成        | Drive axle housing assembly          |
| 2          | DZ9114520617   | 后板簧右后支架        | Rear leaf spring right front bracket |
|            | DZ91129520032  | 后板簧右后支架        | Rear leaf spring right front bracket |
| 3          | 81.35306.0034  | 直通接头           | Vent joint                           |
| 4          | DZ9112340245   | 上推力杆支架         | Thrust rod bracket                   |
| 5          | Q15162040TF2   | 六角头螺栓-细牙       | Hex bolt                             |
| 6          | DZ9114520618   | 后板簧左后支架        | Rear leaf spring left front bracket  |
|            | DZ91129520033  | 后板簧左后支架        | Rear leaf spring left front bracket  |
| 7          | 199014520256   | 销              | Pin                                  |
| 8          | 190003901905   | 销              | Pin                                  |
| 9          | HD91129520008  | 下支架 (右)        | Bracket (right)                      |
| 10         | DZ9114520116   | 六角头螺栓          | Hex bolt                             |
| 11         | 81.90310.0179  | 螺纹堵塞           | Screw plug                           |
| 12         | 81.90310.0179  | 螺纹堵塞           | Screw plug                           |
| 13         | HD91129520007  | 下支架 (左)        | Bracket (left)                       |
| 14         | DZ9112340082   | 气室支架           | Chamber bracket                      |
| 15         | Q1811640TF2    | 六角法兰面承面带齿螺栓-细牙 | Hex flange toothed bolt              |
| 16         | DZ9112340100   | ABS支架          | ABS bracket                          |
| 17         | DZ9100580215   | 传感器衬套          | ABS sensor bush                      |
| 18         | DZ9100580214   | 传感器            | ABS sensor                           |
| 19         | Q150B0835      | 六角头螺栓          | Hex bolt                             |



后桥桥壳 (MAN悬架)

Rear axle housing (MAN suspension)



车桥

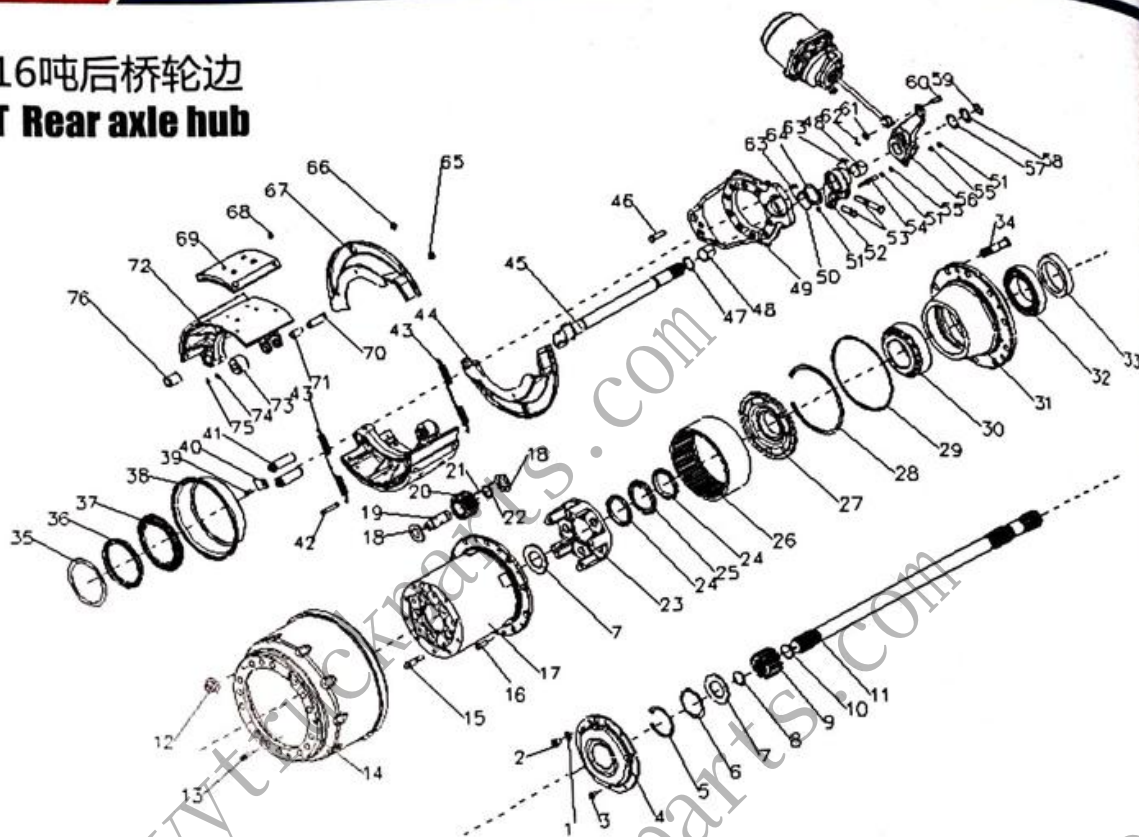
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AXLE

| 序号<br>Item | 件号<br>Part No. | 名称               | Name                                                  |
|------------|----------------|------------------|-------------------------------------------------------|
| 1          | HD90129330547  | 驱动桥桥壳总成, V推      | Drive axle housing assembly, V thrust                 |
|            | HD90129330549  | 驱动桥桥壳总成, 直推      | Drive axle housing assembly, straight thrust          |
|            | HD90129330560  | 驱动桥桥壳总成, 空气悬架    | Drive axle housing assembly, air suspension           |
| 2          | 81.35306.0034  | 直通接头             | Vent joint                                            |
| 3          | DZ9112340199   | 后桥推力杆支座, V推、空气悬架 | Drive axle housing assembly, V thrust, air suspension |
|            | HD95129340024  | 后桥推力杆支座, 直推      | Drive axle housing assembly, straight thrust          |
| 4          | Q1811650TF2    | 六角法兰面承面带齿螺栓-细牙   | Hex flange toothed bolt                               |
| 5          | DZ9112340082   | 气室支架             | Chamber bracket                                       |
| 6          | Q1811640TF2    | 六角法兰面承面带齿螺栓-细牙   | Hex flange toothed bolt                               |
| 7          | 81.90310.0179  | 螺纹堵塞             | Screw plug                                            |
| 8          | 81.90310.0179  | 螺纹堵塞             | Screw plug                                            |
| 9          | 81.93021.0057  | 衬套               | Bush                                                  |
| 10         | DZ9112340100   | ABS支架            | ABS bracket                                           |
| 11         | DZ9100580215   | 传感器衬套            | ABS sensor bush                                       |
| 12         | DZ9100580214   | ABS传感器           | ABS sensor                                            |
| 13         | Q150B0835      | 六角头螺栓            | Hex bolt                                              |



# 13吨/16吨后桥轮边 13T/16T Rear axle hub



| 序号<br>Item | 件号<br>Part No. | 名称       | Name                        |
|------------|----------------|----------|-----------------------------|
| 1          | 190003098026   | 密封垫圈     | Packing ring                |
| 2          | HD95129340120  | 圆柱头内六角螺塞 | Square head tapered plug    |
| 3          | Q184A1018TF2   | 六角法兰面螺栓  | Hex bolt                    |
| 4          | 81.35114.0086  | 端盖       | End cap                     |
| 5          | 06.29020.0214  | 孔用弹性挡圈   | Circlip for hole            |
| 6          | 06.29020.0216  | 孔用弹性挡圈   | Circlip for hole            |
| 7          | 81.90701.0753  | 调整垫片     | Adjuster shim               |
| 8          | 81.90712.0873  | 调整垫片     | Adjuster shim               |
| 9          | 81.90711.0640  | 止推垫片     | Stop washer                 |
| 10         | 81.90712.0878  | 止推垫片     | Stop washer                 |
| 11         | 06.29200.0117  | 轴用弹性挡圈   | Circlip for axle            |
| 12         | 81.35113.0044  | 太阳轮      | Sun gear                    |
| 13         | 81.35113.0034  | 太阳轮      | Sun gear                    |
| 14         | Q43750         | 轴用钢丝挡圈   | Circlip for axle            |
| 15         | DZ9112340775   | 半轴 (左)   | Half shaft(left)            |
| 16         | DZ9112340776   | 半轴 (右)   | Half shaft(right)           |
| 17         | 190003884160   | 车轮螺母     | Wheel nut                   |
| 18         | Q2541020       | 十字槽盘头螺钉  | Cross recess pan head screw |
| 19         | 81.50110.0144  | 制动鼓      | Brake drum                  |
| 20         | 81.90010.0067  | 六角头螺栓    | Hex bolt                    |
| 21         | Q2541025       | 十字槽盘头螺钉  | Cross recess pan head screw |
| 22         | 81.35114.0110  | 轮边减速器壳   | Hub reducer case            |
| 23         | 81.35114.0105  | 轮边减速器壳   | Hub reducer case            |
| 24         | 81.90711.0641  | 止推垫片     | Stop washer                 |
| 25         | 81.90712.0878  | 止推垫片     | Stop washer                 |
| 26         | 81.91020.0709  | 行星轮轴     | Planet gear axle            |
| 27         | 81.91020.0698  | 行星轮轴     | Planet gear axle            |
| 28         | 81.35112.0029  | 行星齿轮     | Planet gear                 |
| 29         | 81.35112.0023  | 行星齿轮     | Planet gear                 |
| 30         | 06.32569.0029  | 滚针       | Needle bearing              |
| 31         | 06.32569.0030  | 滚针       | Needle bearing              |
| 32         | 06.32569.0031  | 滚针       | Needle bearing              |
| 33         | 06.32569.0032  | 滚针       | Needle bearing              |
| 34         | 06.32569.0034  | 滚针       | Needle bearing              |
| 35         | 06.32569.0035  | 滚针       | Needle bearing              |
| 36         | 06.32569.0036  | 滚针       | Needle bearing              |
| 37         | 06.32569.0037  | 滚针       | Needle bearing              |
| 38         | 81.90711.0546  | 间隔垫圈     | Space ring                  |
| 39         | 81.90712.0879  | 间隔垫圈     | Space ring                  |



| 序号<br>Item | 件号<br>Part No. | 名称          | Name                                      |
|------------|----------------|-------------|-------------------------------------------|
| 23         | F81.35114.6113 | 轮边减速器分总成    | Planet carrier                            |
|            | F81.35114.6111 | 轮边减速器分总成    | Planet carrier                            |
| 24         | 81.90620.0048  | 开槽螺母        | Hex nut                                   |
| 25         | 81.90801.0224  | 防松锁片        | Locking washer                            |
| 26         | 81.35111.0021  | 内齿圈         | Inner gear ring                           |
|            | 81.35111.0017  | 内齿圈         | Inner gear ring                           |
| 27         | 81.35114.0019  | 齿圈支架        | Gear ring bearer                          |
|            | 81.35114.0101  | 齿圈支架        | Gear ring bearer                          |
| 28         | DZ95129340046  | 孔用弹性挡圈      | Circlip for hole                          |
|            | DZ95129340045  | 孔用弹性挡圈      | Circlip for hole                          |
| 29         | 06.56341.4254  | O型密封圈       | O-ring                                    |
| 30         | 33220          | 圆锥滚子轴承      | Tapered roller bearing                    |
| 31         | 81.35701.0128  | 轮毂          | Wheel hub                                 |
| 32         | 06.32499.0155  | 圆锥滚子轴承      | Tapered roller bearing                    |
| 33         | DZ9112340280   | 隔圈          | Space ring                                |
| 34         | H150A22120BZF3 | 车轮螺栓        | Wheel bolt                                |
|            | H150A22133CZF3 | 车轮螺栓        | Wheel bolt                                |
| 35         | 81.35720.0005  | 挡板          | Baffle                                    |
| 36         | 06.56289.0330  | 油封          | Oil seal                                  |
| 37         | 06.56289.0371  | 油封          | Oil seal                                  |
| 38         | 81.35730.0033  | 挡油罩         | Oil baffle disc                           |
| 39         | 06.02828.4505  | 六角头螺栓       | Hex bolt                                  |
| 40         | 81.90801.0225  | 护板          | Cover sheet                               |
| 41         | 81.50212.0032  | 制动蹄销        | Brake shoe pin                            |
| 42         | 81.50211.0018  | 回位弹簧销       | Return spring pin                         |
| 43         | 81.97610.0115  | 回位弹簧        | Return spring                             |
| 44         | DZ9112340012   | 防尘罩 (左)     | Dirt guard (left)                         |
| 45         | DZ9112340117   | 制动凸轮轴 (左)   | Brake camshaft(left)                      |
| 45         | DZ9112340118   | 制动凸轮轴 (右)   | Brake camshaft(right)                     |
| 46         | Q151B1445TF2   | 六角头螺栓       | Hex bolt                                  |
| 47         | 188000340023   | O形密封圈       | O-ring                                    |
| 48         | 188000340017   | 衬套          | Bush                                      |
| 49         | DZ9112340143   | 制动底板 (左)    | Brake backing plate (left)                |
|            | DZ9112340097   | 制动底板 (右)    | Brake backing plate (right)               |
| 50         | 188000440010   | 附加垫片        | Washer                                    |
| 51         | Q340B08        | 1型六角薄螺母     | Hex nut                                   |
| 52         | DZ9112340146   | 凸轮轴支座       | Camshaft bracket                          |
| 53         | Q151B16110     | 六角头螺栓       | Hex bolt                                  |
| 54         | Q151B1645      | 六角头螺栓       | Hex bolt                                  |
| 55         | HD90129340259  | 螺纹销         | Screw pin                                 |
|            | HD90129340257  | 自动间隙调整臂 (左) | Automatic clearance adjusting arm (left)  |
| 56         | HD90129340258  | 自动间隙调整臂 (右) | Automatic clearance adjusting arm (right) |
| 57         | HD90129348285  | 垫圈          | Washer                                    |
|            | 108000320028   | 调整垫片        | Adjuster shim                             |
| 58         | 108000320029   | 调整垫片        | Adjuster shim                             |
|            | 108000320030   | 调整垫片        | Adjuster shim                             |
| 59         | Q43125         | 轴用弹性挡圈      | Circlip for axle                          |
| 60         | 190003903661   | 销           | Pin                                       |
| 61         | 190003935015   | 平垫圈         | Plain washer                              |
| 62         | 190003920328   | 开口销         | Cotter pin                                |
| 63         | 06.38070.0102  | 清脂嘴         | Grease nipple                             |
| 64         | 190003933300   | 轴用弹性挡圈      | Circlip for axle                          |
| 65         | Q150B1012      | 六角头螺钉       | Hex bolt                                  |
| 66         | 188000340037   | 密封塞         | Choke plug                                |
| 67         | DZ9112340013   | 防尘罩 (右)     | Dirt guard (right)                        |
| 68         | 81.92201.0109  | 铆钉          | Rivet                                     |
|            | DZ9112340062   | 上摩擦片        | Upper friction plate                      |
| 69         | DZ9112340063   | 下摩擦片        | Lower friction plate                      |
| 70         | 81.50211.0030  | 销           | Pin                                       |
| 71         | 81.93021.0220  | 衬套          | Bush                                      |
| 72         | DZ9112340061   | 制动蹄         | Brake shoe                                |
| 73         | 81.50213.0013  | 滚轮          | Roller                                    |
| 74         | 06.15113.2615  | 垫圈          | Washer                                    |
| 75         | 190003933072   | 轴用弹性挡圈      | Circlip for axle                          |
| 76         | DZ95009440001  | 衬套          | Bush                                      |