



**GTHZ Series**

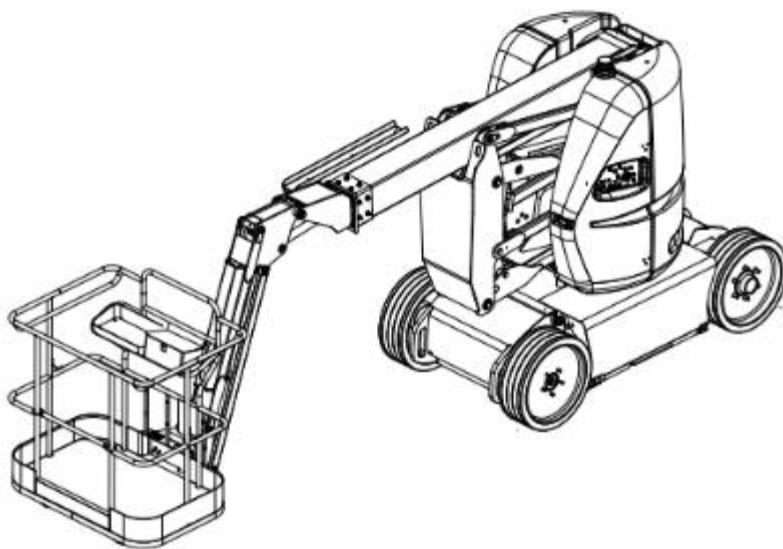
曲臂式高空作业平台

GTHZ120

GTHZ170

GTHZ170C

# 配件手册



杭叉集团股份有限公司

2024 年 4 月

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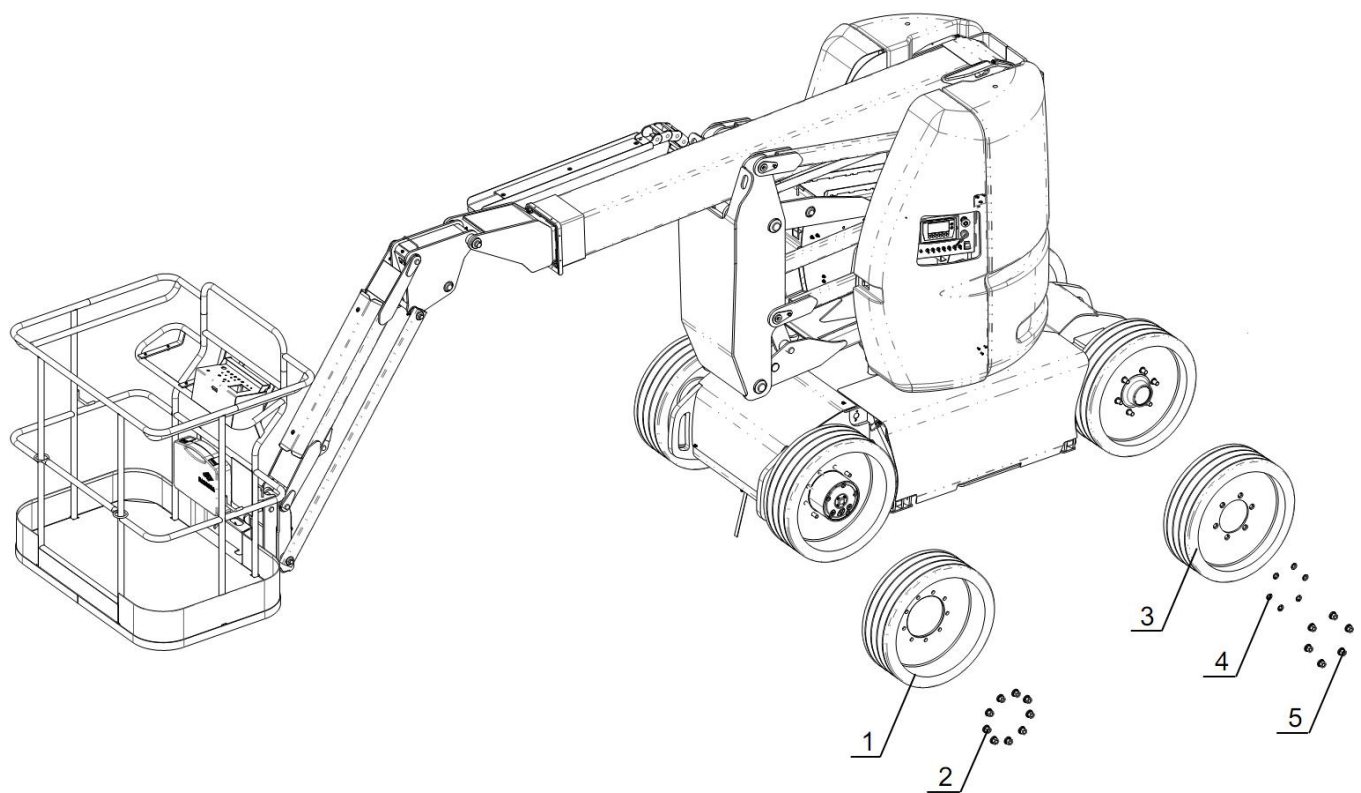
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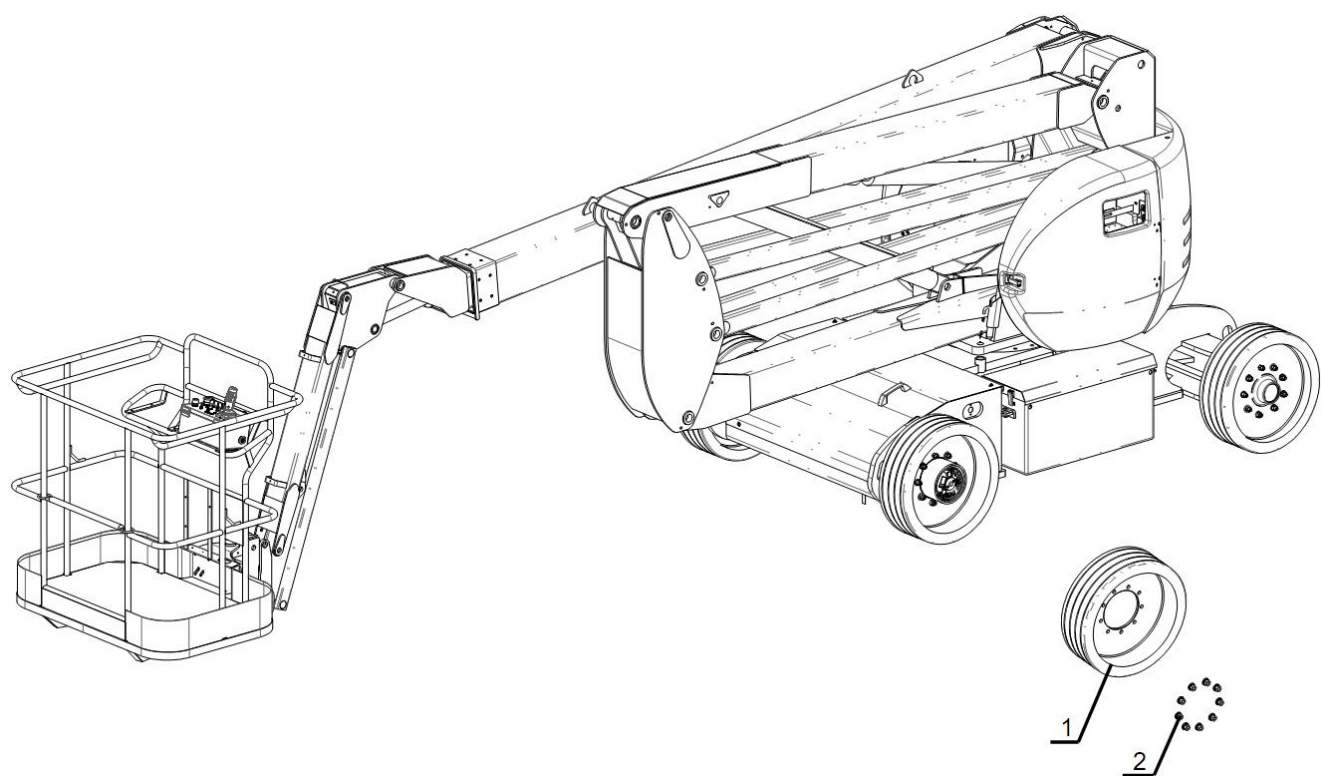
## 第一章 底盘

图 1-1 轮胎（GTHZ120）



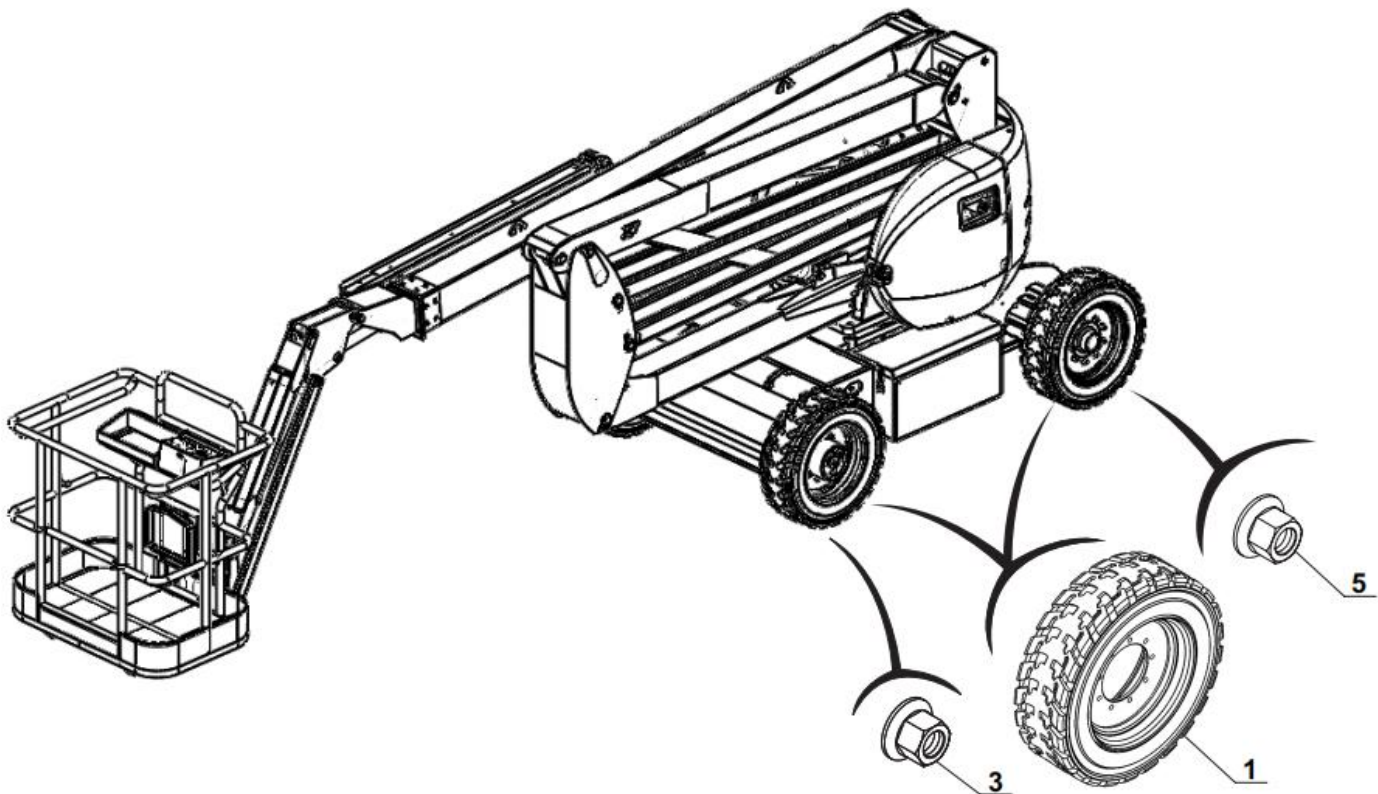
| 序号<br>Item No. | 代号<br>Part No.     | 名称<br>Description | 数量<br>Qty | 备注或适用车型<br>Remarks or Series No. | 物料码<br>Code No. |
|----------------|--------------------|-------------------|-----------|----------------------------------|-----------------|
| 1              | GTHZ170-111000-G00 | 轮胎<br>Wheel       | 2         |                                  | 221100000008    |
| 2              | HZ120P-110002-000  | 轮胎螺母<br>Wheel     | 18        |                                  | 221100000008    |
| 3              | GTHZ120-112000-G00 | 前轮胎<br>Wheel      | 2         |                                  | 221100000007    |
| 5              | GTHZ120-110001-000 | 球面螺母<br>Wheel nut | 12        |                                  | 221100040003    |

图 1-2 轮胎（GTHZ170）



| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ170-111000-G00 | 轮胎<br>Wheel       | 4         |                                     | 221100000008    |
| 2                 | HZ120P-110002-000  | 轮胎螺母<br>Wheel     | 36        |                                     | 221100000008    |

图 1-3 轮胎（GTHZ170C）



| 序号<br>Item No. | 代号<br>Part No.      | 名称<br>Description            | 数量<br>Qty | 备注或适用车型<br>Remarks or Series No. | 物料码<br>Code No. |
|----------------|---------------------|------------------------------|-----------|----------------------------------|-----------------|
| 1              | GTHZ170C-111000-G00 | 轮胎<br>Wheel                  | 4         | GTHZ170C                         |                 |
| 3              | GTHZ170C-110002-G00 | 轮胎螺母 5/8-18 UNF<br>Wheel nut | 18        | GTHZ170C                         |                 |
| 5              | HZ120P-110002-000   | 法兰面螺母<br>Wheel nut           | 18        |                                  |                 |



图 1-4 底盘装配 (GTHZ120)

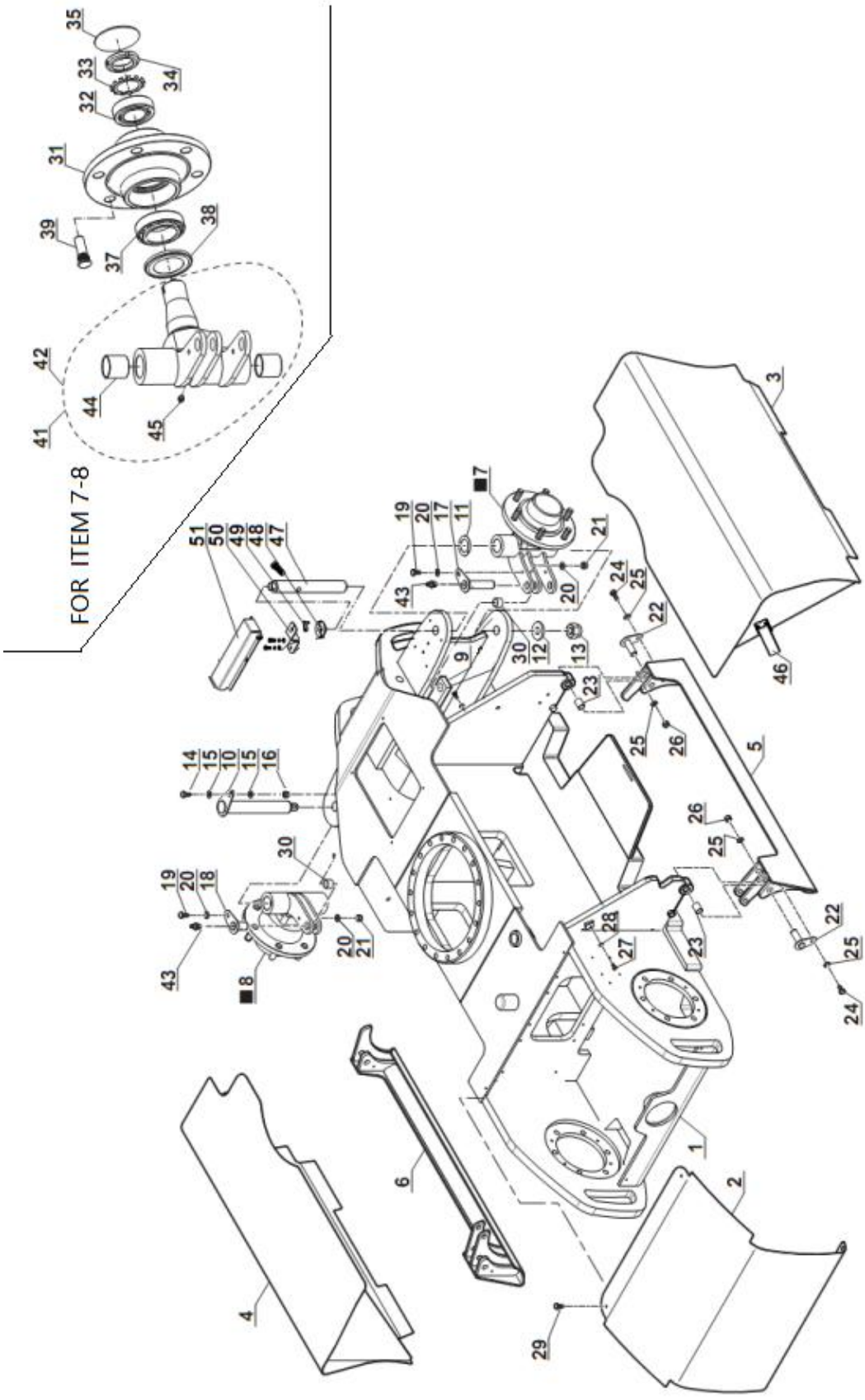


图 1-4 底盘装配 (GTHZ120)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description                     | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|---------------------------------------|-----------|-------------------------------------|-----------------|
| 1                 | HZ120P-410000-000  | 车架<br>Frame                           | 1         |                                     | 224100000002    |
| 2                 | HZ120P-400001-000  | 电机罩板<br>Engine bonnet                 | 1         |                                     | 224000040032    |
| 3                 | GTHZ120-420000-000 | 右侧电瓶罩板                                | 1         | 配铅酸电瓶                               | 224200000004    |
|                   | HZ120P-420000-002  | Battery bonnet                        | 1         | 配锂电池                                |                 |
| 4                 | HZ120P-430000-000  | 左侧电瓶罩板<br>Battery bonnet              | 1         |                                     | 224200000005    |
| 5                 | GTHZ120-450000-000 | 右防倾翻杆<br>Stabilizer                   | 1         |                                     | 224500000010    |
| 6                 | GTHZ120-460000-000 | 左防倾翻杆<br>Stabilizer                   | 1         |                                     | 224500000011    |
| 7                 | GTHZ120-220000-000 | 右转向节总成<br>R. H. complete wheel<br>hub | 1         |                                     | 222100000013    |
| 8                 | GTHZ120-210000-000 | 左转向节总成<br>L. H. complete wheel<br>hub | 1         |                                     | 222100000012    |
| 9                 | GTHZ120-200100-000 | 转向拉杆<br>Steering rod                  | 1         |                                     | 222200050002    |
| 10                | GTHZ120-200200-000 | 销轴<br>Articulating pin                | 2         |                                     | 222200000004    |
| 11                | CT-604240-G00      | 自润滑衬套<br>Bushing                      | 2         |                                     | 222100070006    |
| 12                | GTHZ120-200600-000 | 特制垫圈<br>Washer                        | 2         |                                     | 222100050003    |
| 13                | GB889-86           | 螺母 M24<br>Nut M24                     | 2         |                                     | 300020150002    |
| 14                | GB5783-86          | 螺栓 M8×40<br>Screw M8×40               | 2         |                                     | 300010040183    |
| 15                | GB96-85            | 垫圈 8<br>Washer 8                      | 4         |                                     | 300030190008    |
| 16                | GB889-86           | 螺母 M8<br>Nut M8                       | 2         |                                     | 300020150004    |
| 17                | GTHZ120-200300-000 | 销轴<br>Articulating pin                | 1         |                                     | 222200000006    |
| 18                | GTHZ120-200400-000 | 销轴<br>Articulating pin                | 1         |                                     | 222200000005    |

图 1-4 底盘装配 (GTHZ120)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description           | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-----------------------------|-----------|-------------------------------------|-----------------|
| 19                | GB5783-86          | 螺栓 M8×30<br>Screw M8×30     | 2         | 8.8 级                               | 300010040178    |
| 20                | GB96-85            | 垫圈 8<br>Washer 8            | 4         |                                     | 300030190008    |
| 21                | GB889-86           | 螺母 M8<br>Nut M8             | 2         |                                     | 300020150004    |
| 22                | GTHZ120-400100-000 | 销轴<br>Articulating pin      | 4         |                                     | 224000000013    |
| 23                | CT-102030-G00      | 复合衬套<br>Bushing             | 4         | 衬套 Bushing<br>2030                  | 224000080009    |
| 24                | GB5783-86          | 螺栓 M6×25<br>Screw M6×25     | 4         |                                     | 300010040153    |
| 25                | GB96-85            | 垫圈 6<br>Washer 6            | 8         |                                     | 300030190007    |
| 26                | GB889-86           | 螺母 M6<br>Nut M6             | 4         |                                     | 300020150005    |
| 29                | GB5783-86          | 螺栓 M6×16<br>Screw M6×16     | 2         | 8.8 级                               | 300010040148    |
|                   | GB93-87            | 垫圈 6 Washer 6               | 2         |                                     | 300030010014    |
|                   | GB97.1-85          | 垫圈 6 Washer 6               | 2         |                                     | 300030040013    |
| 30                | CT-112520-G00      | 复合衬套<br>Bushing             | 2         |                                     | 222100070005    |
| 31                | GTHZ120-210200-000 | 轮毂<br>Wheel nut             | 1         |                                     | 222200060001    |
| 32                | GB/T297-2015       | 圆锥滚子轴承 32210<br>Bearing     | 1         |                                     | 300140020092    |
| 33                | GB/T858-1988       | 圆螺母止动垫圈 50<br>Washer 50     | 1         |                                     | 300030060020    |
| 34                | GB/T812-1988       | 螺母 M50×1.5<br>Nut M50×1.5   | 1         |                                     | 300020220020    |
| 35                | GTHZ120-210003-000 | 端盖<br>Plug                  | 1         |                                     | 222100010011    |
| 36                | GB/T 893-2017      | 孔用弹性挡圈-A 型 95<br>Circlip 95 | 1         |                                     | 300060010034    |
| 37                | GB/T297-2015       | 圆锥滚子轴承 30214<br>Bearing     | 1         |                                     | 300140020093    |
| 38                | GTHZ120-210002-000 | 防尘盖<br>Protective housing   | 1         |                                     | 222100020011    |

图 1-4 底盘装配 (GTHZ120)

| 序号<br>Item<br>No. | 代号<br>Part No.      | 名称<br>Description              | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|---------------------|--------------------------------|-----------|-------------------------------------|-----------------|
| 39                | GTHZ120-210001-000  | 轮毂螺栓<br>Screw                  | 6         |                                     | 222100070003    |
| 40                | GTHZ120-110001-000  | 球形螺母<br>Wheel nut              | —<br>—    |                                     | 221100040001    |
| 41                | GTHZ120-210100-000  | 左转向节<br>L.H. stub axle         | 1         |                                     | 222100000011    |
| 42                | GTHZ120-220100-000  | 右转向节<br>R.H. stub axle         | 1         |                                     | 222100000014    |
| 43                | GTHZ120-200700-000  | 油杯 M8×1.25<br>Straight greaser | 2         |                                     | 222100070001    |
| 44                | CT-104040-G00       | 复合衬套<br>Bushing                | 4         |                                     | 222100070004    |
| 45                | GTHZ120-200700-000  | 油杯 M8×1.25<br>Straight greaser | 2         |                                     | 222100070001    |
| 46                | GTHZ120-402500-G00  | 锁扣<br>Locker                   | 4         |                                     | 224000100002    |
| 47                | GTHZ170C-200200-001 | 销轴<br>Articulating pin         | 1         |                                     |                 |
| 48                | ABS200-200003-000   | 传感器转动体<br>Bushing              | 1         |                                     |                 |
| 49                | ABS200-250000-000   | 传感器转动头<br>Rotator              | 1         |                                     |                 |
| 50                | GTHZ170C-400100-001 | 电位器安装板<br>Bracket              | 1         |                                     |                 |
| 51                | HZ120P-400004-000   | 电位器罩板<br>Bonnet                | 1         |                                     |                 |

图 1-5 底盘装配 (GTHZ170)

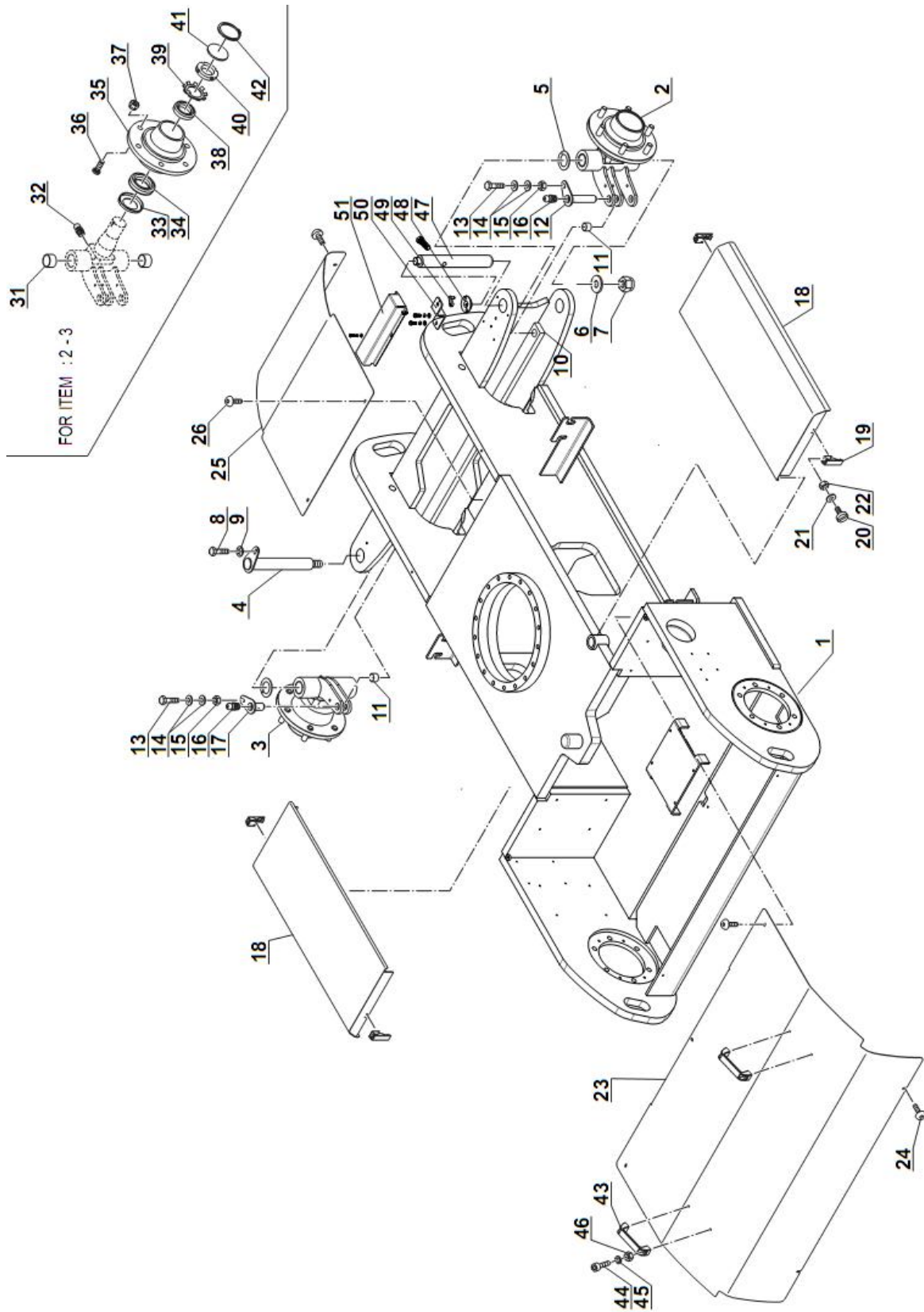


图 1-5 底盘装配 (GTHZ170)

| 序号<br>Item<br>No. | 代号<br>Part No.      | 名称<br>Description                     | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|---------------------|---------------------------------------|-----------|-------------------------------------|-----------------|
| 1                 | HZ170P-410000-000   | 车架<br>Frame                           | 1         |                                     |                 |
| 2                 | GTHZ170C-220000-000 | 右转向节总成<br>R. H. complete wheel<br>hub | 1         |                                     | 222100000016    |
| 3                 | GTHZ170C-210000-000 | 左转向节总成<br>L. H. complete wheel<br>hub | 1         |                                     | 222100000017    |
| 4                 | GTHZ120-200200-000  | 销轴<br>Articulating pin                | 2         |                                     | 222200000004    |
| 5                 | CT-604240-G00       | 自润滑衬套<br>Bushing                      | 2         | 40                                  | 222100070006    |
| 6                 | GTHZ120-200600-000  | 特制垫圈<br>Washer                        | 2         |                                     | 222100050003    |
| 7                 | GB889-86            | 螺母 M24<br>Nut M24                     | 2         |                                     | 300020150002    |
| 8                 | GB5783-86           | 螺栓 M8×40<br>Screw M8×40               | 2         |                                     | 300010040183    |
| 9                 | GB96-85             | 垫圈 8<br>Washer 8                      | 4         |                                     | 300030190008    |
|                   | GB889-86            | 螺母 M8<br>Nut M8                       | 2         |                                     | 300020150004    |
| 10                | HZ170P-200100-000   | 转向拉杆<br>Steering rod                  | 1         |                                     |                 |
| 11                | CT-112520-G00       | 复合衬套<br>Bushing                       | 2         |                                     | 222100070005    |
| 12                | GTHZ120-200300-000  | 销轴<br>Articulating pin                | 1         |                                     | 222200000006    |
| 13                | GB5783-86           | 螺栓 M8×30<br>Screw M8×30               | 2         | 8.8 级                               | 300010040178    |
| 14                | GB96-85             | 垫圈 8<br>Washer 8                      | 4         |                                     | 300030190008    |
| 15                | GB889-86            | 螺母 M8<br>Nut M8                       | 2         |                                     | 300020150004    |
| 16                | GTHZ120-200700-000  | 油杯 M8×1.25<br>Straight greaser        | 2         |                                     | 222100070001    |
| 17                | GTHZ120-200400-000  | 销轴<br>Articulating pin                | 1         |                                     | 222200000005    |

图 1-5 底盘装配 (GTHZ170)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description              | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|--------------------------------|-----------|-------------------------------------|-----------------|
| 18                | GTHZ170-400400-000 | 电瓶罩板<br>Battery bonnet         | 2         |                                     |                 |
| 19                | GTHZ120-402500-G00 | 锁扣<br>Locker                   | 4         |                                     | 224000100002    |
| 20                | GB818-85           | 螺钉 M4×12<br>Screw M4×12        | 8         |                                     | 300040070036    |
| 21                | GB97.1-85          | 垫圈 4<br>Washer 4               | 8         |                                     | 300030040011    |
| 22                | GB889-86           | 螺母<br>M4 Nut M4                | 8         | 40                                  | 300020150008    |
| 23                | GTHZ170-400100-000 | 车架后罩板<br>Engine bonnet         | 1         |                                     | 224000040043    |
| 24                | GB5783-86          | 螺栓 M6×16<br>Screw M6×16        | 4         |                                     | 300010040148    |
|                   | GB96-85            | 垫圈 6<br>Washer 6               | 4         |                                     | 300030190007    |
|                   | GB/T 889.1         | 螺母 M6<br>Nut M6                | 2         |                                     | 300020150005    |
| 25                | GTHZ170-400200-000 | 车架前罩板<br>Bonnet                | 1         |                                     | 224000040044    |
| 26                | 同 (24)             |                                |           |                                     |                 |
| 27                | GTHZ170-400300-000 | 车架侧边罩板<br>Sludge door          | 2         |                                     | 224000030027    |
| 28                | GB5783-86          | 螺栓 M6×16<br>Screw M6×16        | 4         |                                     | 300010040148    |
| 29                | GB93-87            | 垫圈 6 Washer 6                  | 4         | 8.8 级                               | 300030010014    |
|                   | GB96-85            | 垫圈 6 Washer 6                  | 4         |                                     | 300030190007    |
| 31                | CT-104040-G00      | 复合衬套<br>Bushing                | 4         |                                     | 222100070004    |
| 32                | GTHZ120-200700-000 | 油杯 M8×1.25<br>Straight greaser | 1         |                                     | 222100070001    |
| 33                | GTHZ120-210002-000 | 防尘盖<br>Protective housing      | 1         |                                     | 222100020011    |
| 34                | GB/T297-2015       | 圆锥滚子轴承 30214<br>Bearing        | 1         |                                     | 300140020093    |

图 1-5 底盘装配 (GTHZ170)

| 序号<br>Item<br>No. | 代号<br>Part No.      | 名称<br>Description           | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|---------------------|-----------------------------|-----------|-------------------------------------|-----------------|
| 35                | GTHZ120-210200-000  | 轮毂<br>Wheel nut             | 1         |                                     | 222200060001    |
| 36                | GTHZ120-210001-000  | 轮毂螺栓<br>Screw               | 6         |                                     | 222100070003    |
| 38                | GB/T297-2015        | 圆锥滚子轴承 32210<br>Bearing     | 1         |                                     | 300140020092    |
| 39                | GB/T858-1988        | 圆螺母止动垫圈 50<br>Washer 50     | 1         |                                     | 300030060020    |
| 40                | GB/T812-1988        | 螺母 M50×1.5<br>Nut M50×1.5   | 1         |                                     | 300020220020    |
| 41                | GTHZ120-210003-000  | 端盖<br>Plug                  | 1         |                                     | 222100010011    |
| 42                | GB/T 893-2017       | 孔用弹性挡圈-A 型 95<br>Circlip 95 | 1         |                                     | 300060010034    |
| 43                | A-019901-G00        | 扶手<br>Handle                | 2         |                                     | 209000030033    |
| 44                | GB5783-86           | 螺栓 M6×16<br>Screw M6×16     | 4         | 8.8 级                               | 300010040148    |
| 45                | GB96-85             | 垫圈 6<br>Washer 6            | 8         |                                     | 300030190007    |
| 46                | GB/T 889.1          | 螺母 M6<br>Nut M6             | 4         |                                     | 300020150005    |
| 47                | GTHZ170C-200200-001 | 销轴<br>Articulating pin      | 1         |                                     |                 |
| 48                | ABS200-200003-000   | 传感器转动体<br>Bushing           | 1         |                                     |                 |
| 49                | ABS200-250000-000   | 传感器转动头<br>Rotator           | 1         |                                     |                 |
| 50                | GTHZ170C-400100-001 | 电位器安装板<br>Bracket           | 1         |                                     |                 |
| 51                | HZ120P-400004-000   | 电位器罩板<br>Bonnet             | 1         |                                     |                 |



图 1-6 底盘装配 (GTHZ170C)

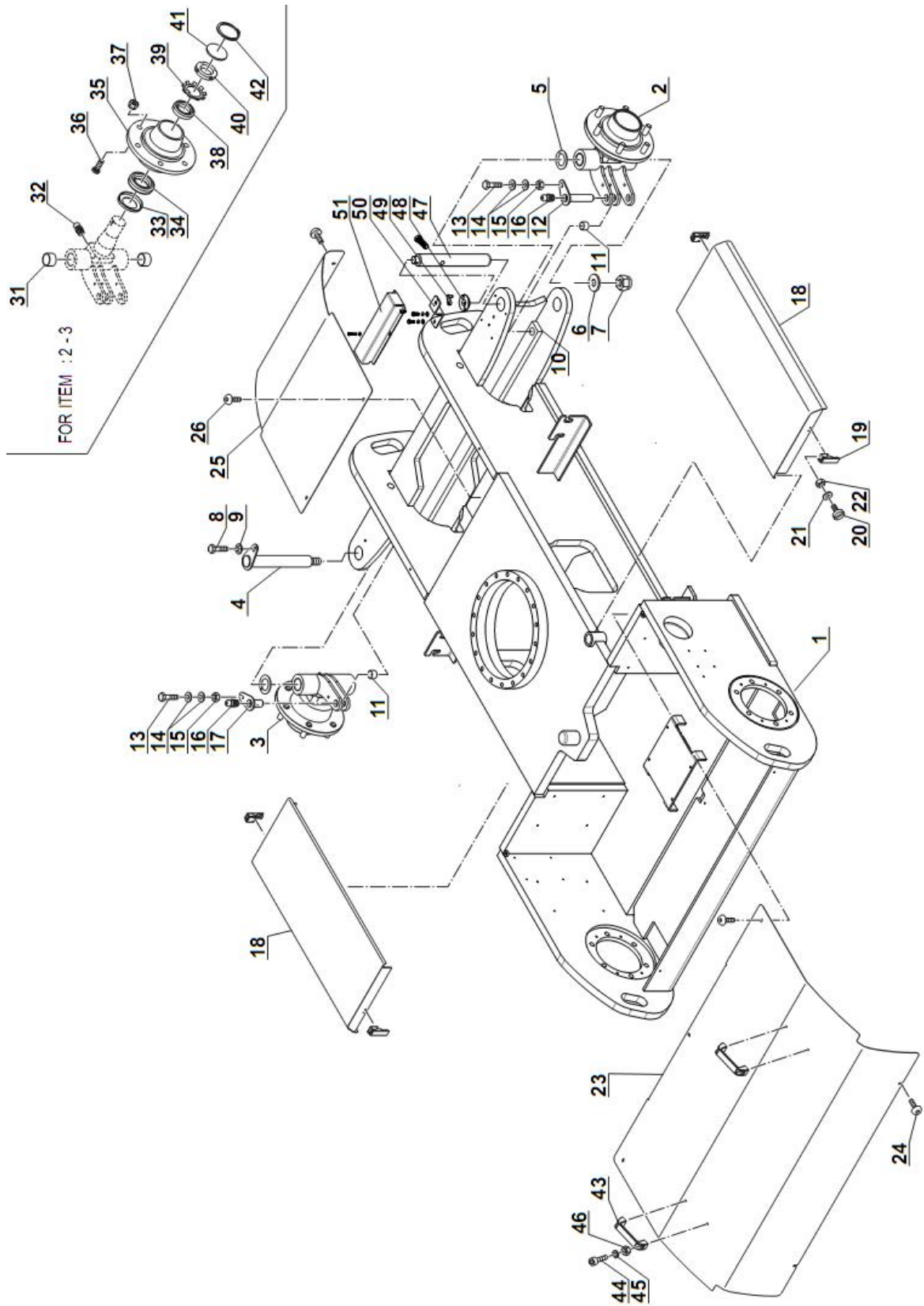


图 1-6 底盘装配 (GTHZ170C)

| 序号<br>Item<br>No. | 代号<br>Part No.      | 名称<br>Description                     | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|---------------------|---------------------------------------|-----------|-------------------------------------|-----------------|
| 1                 | HZ170P-410000-000   | 车架<br>Frame                           | 1         |                                     |                 |
| 2                 | GTHZ170C-220000-000 | 右转向节总成<br>R. H. complete wheel<br>hub | 1         |                                     | 222100000016    |
| 3                 | GTHZ170C-210000-000 | 左转向节总成<br>L. H. complete wheel<br>hub | 1         |                                     | 222100000017    |
| 4                 | GTHZ120-200200-000  | 销轴<br>Articulating pin                | 2         |                                     | 222200000004    |
| 5                 | CT-604240-G00       | 自润滑衬套<br>Bushing                      | 2         | 40                                  | 222100070006    |
| 6                 | GTHZ120-200600-000  | 特制垫圈<br>Washer                        | 2         |                                     | 222100050003    |
| 7                 | GB889-86            | 螺母 M24<br>Nut M24                     | 2         |                                     | 300020150002    |
| 8                 | GB5783-86           | 螺栓 M8×40<br>Screw M8×40               | 2         |                                     | 300010040183    |
| 9                 | GB96-85             | 垫圈 8<br>Washer 8                      | 4         |                                     | 300030190008    |
|                   | GB889-86            | 螺母 M8<br>Nut M8                       | 2         |                                     | 300020150004    |
| 10                | HZ170P-200100-000   | 转向拉杆<br>Steering rod                  | 1         |                                     |                 |
| 11                | CT-112520-G00       | 复合衬套<br>Bushing                       | 2         |                                     | 222100070005    |
| 12                | GTHZ120-200300-000  | 销轴<br>Articulating pin                | 1         |                                     | 222200000006    |
| 13                | GB5783-86           | 螺栓 M8×30<br>Screw M8×30               | 2         | 8.8 级                               | 300010040178    |
| 14                | GB96-85             | 垫圈 8<br>Washer 8                      | 4         |                                     | 300030190008    |
| 15                | GB889-86            | 螺母 M8<br>Nut M8                       | 2         |                                     | 300020150004    |
| 16                | GTHZ120-200700-000  | 油杯 M8×1.25<br>Straight greaser        | 2         |                                     | 222100070001    |
| 17                | GTHZ120-200400-000  | 销轴<br>Articulating pin                | 1         |                                     | 222200000005    |

图 1-6 底盘装配 (GTHZ170C)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description              | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No.     |
|-------------------|--------------------|--------------------------------|-----------|-------------------------------------|---------------------|
| 18                | GTHZ170-400400-000 | 电瓶罩板<br>Battery bonnet         | 2         |                                     | 224000000029        |
| 19                | GTHZ120-402500-G00 | 锁扣<br>Locker                   | 4         |                                     | 224000100002        |
| 20                | GB818-85           | 螺钉 M4×12<br>Screw M4×12        | 8         |                                     | 300040070036        |
| 21                | GB97.1-85          | 垫圈 4<br>Washer 4               | 8         |                                     | 300030040011        |
| 22                | GB889-86           | 螺母 M4<br>Nut M4                | 8         |                                     | 300020150008        |
| 23                | GTHZ170-400100-000 | 车架后罩板<br>Engine bonnet         | 1         |                                     | <b>224000040043</b> |
| 24                | GB5783-86          | 螺栓 M6×16<br>Screw M6×16        | 4         | 8.8 级                               | 300010040148        |
|                   | GB96-85            | 垫圈 6<br>Washer 6               | 4         |                                     | 300030190007        |
|                   | GB/T 889.1         | 螺母 M6<br>Nut M6                | 2         |                                     | 300020150005        |
| 25                | GTHZ170-400200-000 | 车架前罩板<br>Bonnet                | 1         |                                     | 224000040044        |
| 26                | 同 (24)             |                                |           |                                     |                     |
| 28                | GB5783-86          | 螺栓 M6×16<br>Screw M6×16        | 4         | 8.8 级                               | 300010040148        |
| 29                | GB93-87            | 垫圈 6 Washer 6                  | 4         |                                     | 300030010014        |
|                   | GB96-85            | 垫圈 6 Washer 6                  | 4         |                                     | 300030190007        |
| 31                | CT-104040-G00      | 复合衬套<br>Bushing                | 2         |                                     | 222100070004        |
| 32                | GTHZ120-200700-000 | 油杯 M8×1.25<br>Straight greaser | 1         |                                     | 222100070001        |
| 33                | GTHZ120-210002-000 | 防尘盖<br>Protective housing      | 1         |                                     | 222100020011        |
| 34                | GB/T297-2015       | 圆锥滚子轴承 30214<br>Bearing        | 1         |                                     | 300140020093        |

图 1-6 底盘装配 (GTHZ170C)

| 序号<br>Item<br>No. | 代号<br>Part No.      | 名称<br>Description           | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|---------------------|-----------------------------|-----------|-------------------------------------|-----------------|
| 35                | GTHZ170C-210200-000 | 轮毂<br>Wheel nut             | 1         |                                     | 222100070007    |
| 36                | GTHZ170C-210001-000 | 轮毂螺栓<br>Screw               | 9         |                                     | 222100070003    |
| 38                | GB/T297-2015        | 圆锥滚子轴承 30210<br>Bearing     | 1         |                                     | 300140020017    |
| 39                | GB/T858-1988        | 圆螺母止动垫圈 50<br>Washer 50     | 1         |                                     | 300030060020    |
| 40                | GB/T812-1988        | 螺母 M50×1.5<br>Nut M50×1.5   | 1         |                                     | 300020220020    |
| 41                | GTHZ120-210003-000  | 端盖<br>Plug                  | 1         |                                     | 222100010011    |
| 42                | GB/T 893-2017       | 孔用弹性挡圈-A 型 95<br>Circlip 95 | 1         |                                     | 300060010034    |
| 43                | A-019901-G00        | 扶手<br>Handle                | 2         |                                     | 209000030033    |
| 44                | GB5783-86           | 螺栓 M6×16<br>Screw M6×16     | 4         | 8.8 级                               | 300010040148    |
| 45                | GB96-85             | 垫圈 6<br>Washer 6            | 8         |                                     | 300030190007    |
| 46                | GB/T 889.1          | 螺母 M6<br>Nut M6             | 4         |                                     | 300020150005    |
| 47                | GTHZ170C-200200-001 | 销轴<br>Articulating pin      | 1         |                                     |                 |
| 48                | ABS200-200003-000   | 传感器转动体<br>Bushing           | 1         |                                     |                 |
| 49                | ABS200-250000-000   | 传感器转动头<br>Rotator           | 1         |                                     |                 |
| 50                | GTHZ170C-400100-001 | 电位器安装板<br>Bracket           | 1         |                                     |                 |
| 51                | HZ120P-400004-000   | 电位器罩板<br>Bonnet             | 1         |                                     |                 |

## 第二章 转台

图 2-1 转台装配 (GTHZ120)

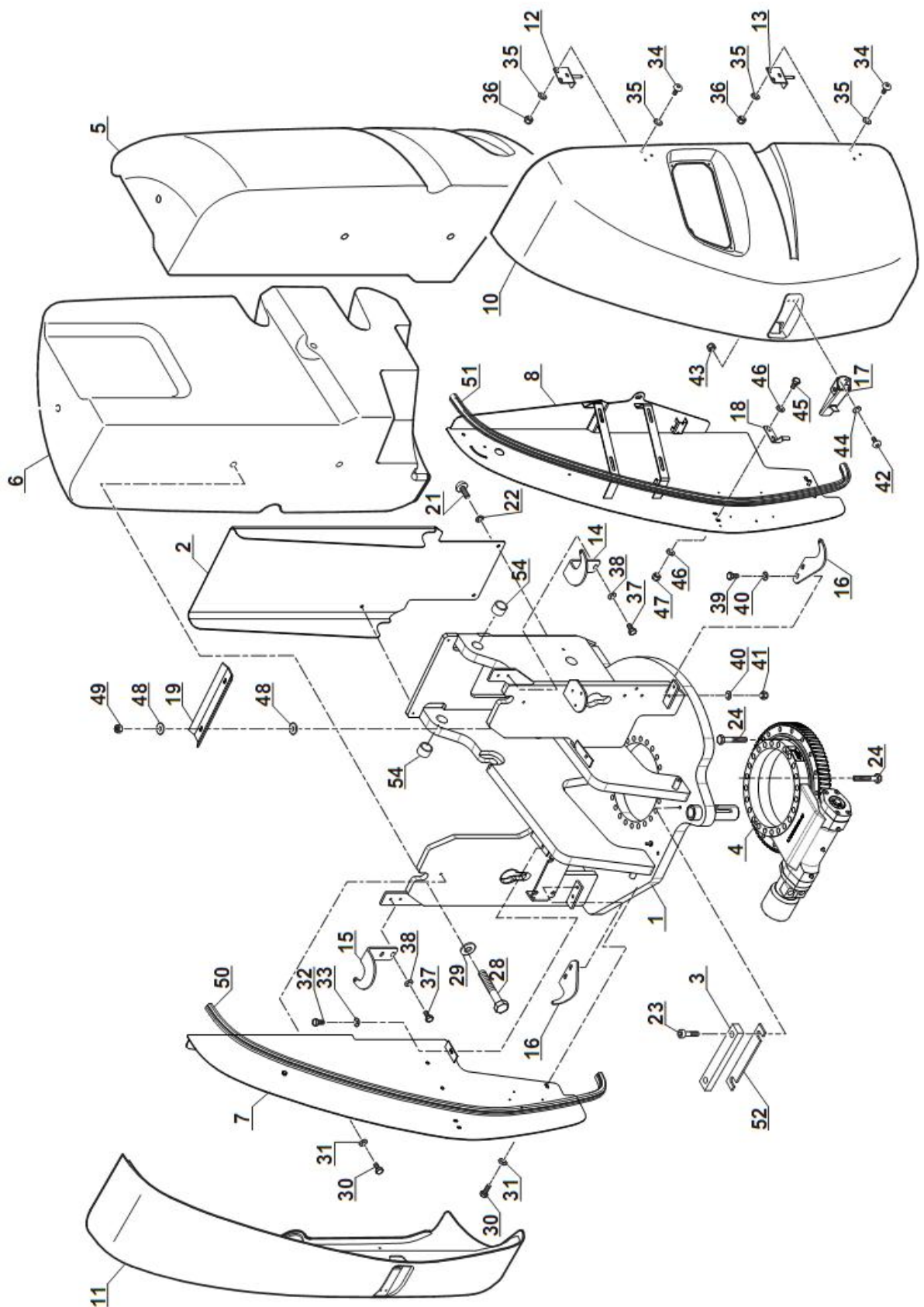


图 2-1 转台装配 (GTHZ120)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description               | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|---------------------------------|-----------|-------------------------------------|-----------------|
| 1                 | HZ120P-440000-000  | 车身转动架<br>Turret                 | 1         |                                     |                 |
| 2                 | GTHZ120-401500-000 | 上关节罩板<br>Housing                | 1         |                                     | 224000040033    |
| 3                 | GTHZ120-401600-000 | 垫块<br>Rubber stop               | 1         |                                     | 224000110001    |
| 4                 | HZ120P-400100-G00  | 蜗轮蜗杆减速机                         | 1         |                                     |                 |
| 5                 | GTHZ120-011000-000 | 右配重<br>COUNTERWEIGHT            | 1         |                                     | 220100010001    |
| 6                 | GTHZ120-012000-000 | 左配重<br>COUNTERWEIGHT            | 1         |                                     | 220100010002    |
| 7                 | GTHZ120-400500-000 | 左边支架板<br>Sheat                  | 1         |                                     | 224000000016    |
| 8                 | GTHZ120-400600-000 | 右边支架板<br>Sheat                  | 1         |                                     | 224000000022    |
| 9                 | HZ120P-400003-000  | 转盘定位销<br>Spindle                | 1         |                                     |                 |
| 10                | GTHZ120-402700-G00 | 右机盖<br>R. H. bonnet             | 1         |                                     | 224000000025    |
| 11                | GTHZ120-402600-G00 | 左机盖<br>Bonnet                   | 1         |                                     | 224000000024    |
| 12                | GTHZ120-401100-000 | 高处角钢总成<br>Hinge                 | 2         |                                     | 224000030017    |
| 13                | GTHZ120-401200-000 | 底部角钢总成<br>Hinge                 | 2         |                                     | 224000000020    |
| 14                | GTHZ120-400700-000 | 右上部罩板支架<br>R. H. bonnet bracket | 1         |                                     | 224000040027    |
| 15                | GTHZ120-400800-000 | 左上部罩板支架<br>L. H. bonnet bracket | 1         |                                     | 224000040028    |
| 16                | GTHZ120-400900-000 | 底部罩板支架<br>Half hinge            | 2         |                                     | 224000030016    |
| 17                | GTHZ120-402900-G00 | 锁扣<br>Locker                    | 2         |                                     |                 |
| 18                | GTHZ120-402200-000 | 锁紧钩<br>Locking hook             | 2         |                                     | 224000040035    |

图 2-1 转台装配 (GTHZ120)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description                  | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|------------------------------------|-----------|-------------------------------------|-----------------|
| 19                | GTHZ120-401800-000 | 折板<br>Sheat                        | 1         |                                     | 224000040034    |
| 21                | GT070P2-006020-03  | 内六角平圆头螺钉<br>M6×20 \                | 4         |                                     | 300040030045    |
| 22                | GB93-87            | 垫圈 6 Washer 6                      | 4         |                                     | 300030010014    |
|                   | GB96-85            | 垫圈 6 Washer 6                      | 4         |                                     | 300030190007    |
| 23                | G000070-012045-00  | 螺钉 M12×45<br>Screw M12×45          | 2         |                                     | 300040020148    |
| 24                | G005782-016130-01  | 六角头螺栓 M16×<br>130<br>Screw M16×130 | 40        | 10.9                                |                 |
| 25                | GB97.1-85          | 垫圈 16<br>Washer 16                 | 40        |                                     |                 |
| 28                | G005783-024080-00  | 螺栓 M24×80<br>Screw M24×80          | 6         |                                     | 300010040114    |
| 29                | GTHZ120-200600-000 | 特制垫圈<br>Washer                     | 6         |                                     | 222100050003    |
| 30                | G005783-006025-00  | 螺栓 M6×25<br>Screw M6×25            | 2         |                                     | 300010040153    |
| 31                | GB93-87            | 垫圈 6 Washer 6                      | 4         |                                     | 300030010014    |
|                   | GB96-85            | 垫圈 6 Washer 6                      | 4         |                                     | 300030190007    |
| 32                | G005783-006025-00  | 螺栓 M6×25<br>Screw M6×25            | 2         |                                     | 300010040153    |
| 33                | GB93-87            | 垫圈 6 Washer 6                      | 4         |                                     | 300030010014    |
|                   | GB96-85            | 垫圈 6 Washer 6                      | 4         |                                     | 300030190007    |
| 34                | GT070P2-006016-03  | 内六角平圆头螺钉<br>M6×16<br>Screw M6×16   | 12        |                                     | 300040030044    |
| 35                | G0097P1-000006-00  | 垫圈 6<br>Washer 6                   | 12        |                                     | 300030040013    |
| 36                | G000889-000006-00  | 螺母 M6<br>Nut M6                    | 12        |                                     | 300020150005    |
| 37                | G005783-008020-00  | 螺栓 M8×20<br>Screw M8×20            | 4         |                                     | 300010040173    |



图 2-1 转台装配 (GTHZ120)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description       | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-------------------------|-----------|-------------------------------------|-----------------|
| 38                | GB96-85            | 垫圈 8 Washer 8           | 2         |                                     | 300030190008    |
|                   | GB93-87            | 垫圈 8 Washer 8           | 2         |                                     | 300030010015    |
| 39                | GB5783-86          | 螺栓 M8×30<br>Screw M8×30 | 4         | 8.8 级                               | 300010040178    |
| 40                | GB96-85            | 垫圈 8<br>Washer 8        | 8         |                                     | 300030190008    |
| 41                | GB889-86           | 螺母 M8<br>Nut M8         | 4         |                                     | 300020150004    |
| 42                | G000818-004016-00  | 螺钉 M4×16<br>Screw M4×16 | 6         |                                     | 300040070019    |
| 43                | G0097P1-000004-00  | 垫圈 4<br>Washer 4        | 12        |                                     | 300030040011    |
| 44                | G000889-000004-00  | 螺母 M4<br>Nut M4         | 6         |                                     | 300020150008    |
| 45                | GB5783-86          | 螺栓 M6×16<br>Screw M6×16 | 4         | 8.8 级                               | 300010040148    |
| 46                | GB96-85            | 垫圈 6<br>Washer 6        | 8         |                                     | 300030190007    |
| 47                | GB/T 889.1         | 螺母 M6<br>Nut M6         | 4         |                                     | 300020150005    |
| 48                | GB96-85            | 垫圈 8<br>Washer 8        | 8         |                                     | 300030190008    |
| 49                | GB889-86           | 螺母 M8<br>Nut M8         | 4         |                                     | 300020150004    |
| 50                |                    | 橡胶条<br>Seal             |           |                                     |                 |
| 51                |                    | 橡胶条<br>Seal             |           |                                     |                 |
| 52                | GTHZ120-401700-000 | 调整垫块<br>Wedge           | 1         |                                     | 224000030019    |
| 54                | CT-103535-G00      | 衬套 3535<br>Bushing      | 2         |                                     | 224000080008    |

图 2-2 转台装配 (GTHZ170/GTHZ170C)

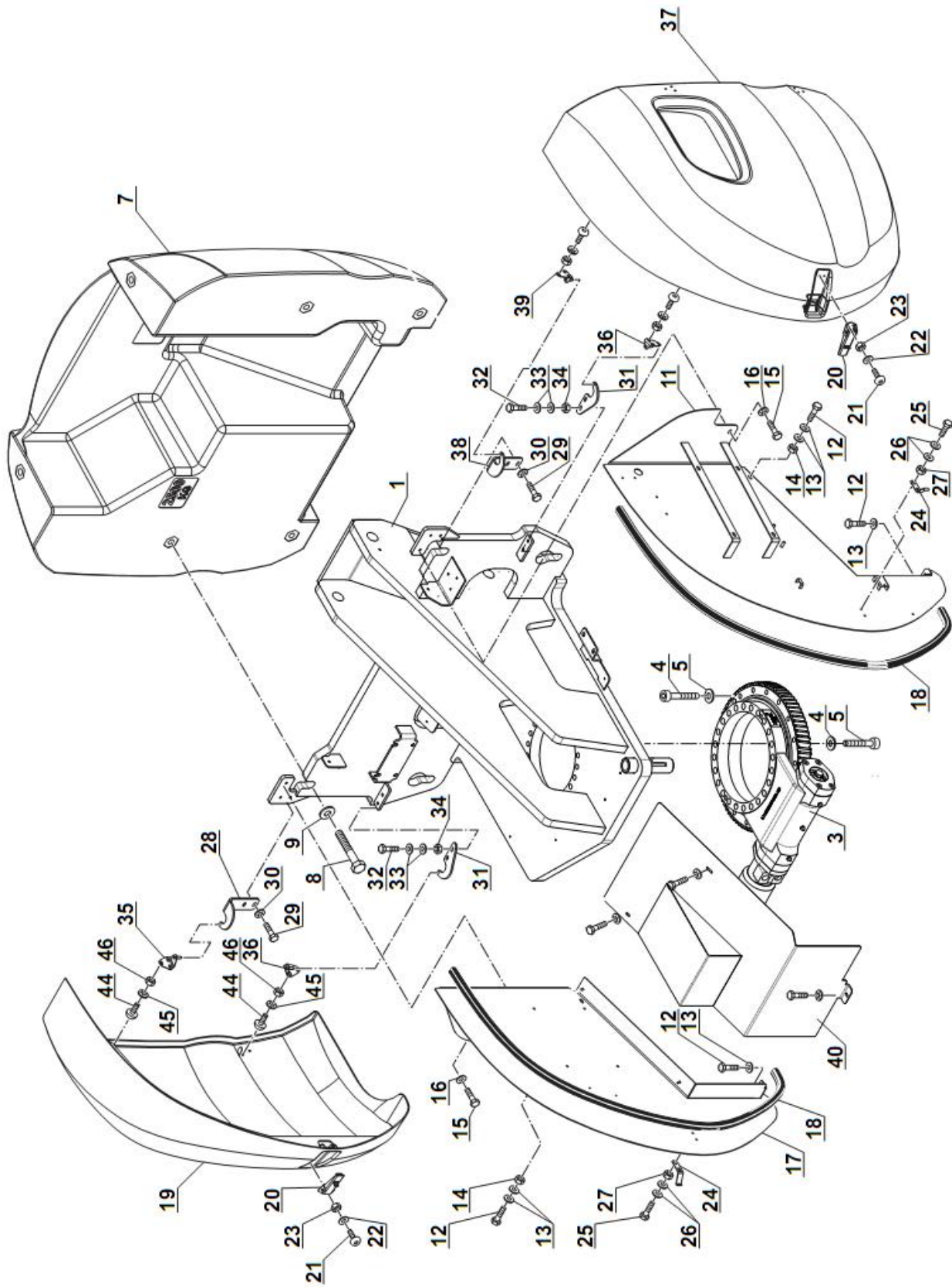


图 2-2 转台装配 (GTHZ170/GTHZ170C)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description              | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No.              |
|-------------------|--------------------|--------------------------------|-----------|-------------------------------------|------------------------------|
| 1                 | HZ170P-440000-000  | 车身转动架<br>Turret                | 1         |                                     |                              |
| 2                 | HZ120P-400003-000  | 转盘定位销<br>Spindle               | 1         |                                     | 224000050016                 |
| 3                 | HZ120P-400100-G00  | 蜗轮蜗杆减速机                        | 1         |                                     | 224000000035                 |
| 4                 | G005782-016130-01  | 六角头螺栓 M16×130<br>Screw M16×130 | 40        | 10.9                                |                              |
| 5                 | GB97.1-85          | 垫圈 16<br>Washer 16             | 40        |                                     |                              |
| 7                 | GTHZ170-010000-000 | 配重块<br>Counterweight           | 1         |                                     | 220100010003                 |
| 8                 | GB5783-2016        | 螺栓 M24×80<br>Screw M24×80      | 4         | 10.9 级                              | 300010040229                 |
| 9                 | GB97.1-85          | 垫圈 24<br>Washer 24             | 4         |                                     | 300030040007                 |
| 11                | GTHZ170-400600-000 | 右边支架板<br>R. H. bracket         | 1         |                                     | 224000000031                 |
| 12                | GB5783-86          | 螺栓 M6×16<br>Screw M6×16        | 4         | 8.8 级                               | 300010040148                 |
| 13                | GB96-85            | 垫圈 6<br>Washer 6               | 4         |                                     | 300030190007                 |
| 14                | GB/T 889.1         | 螺母 M6<br>Nut M6                | 2         |                                     | 300020150005                 |
| 15                | GB5783-86          | 螺栓 M8×20<br>Screw M8×20        | 2         | M8×20                               | 300010040173                 |
| 16                | GB96-85<br>GB93-87 | 垫圈 8 Washer 8<br>垫圈 8 Washer 8 | 2<br>2    |                                     | 300030190008<br>300030010015 |
| 17                | HZ170P-400500-000  | 左边支架板<br>L. H. bracket         | 1         |                                     |                              |
| 18                |                    | 橡胶条<br>Seal                    | 2         |                                     |                              |
| 19                | GTHZ170-401300-G00 | 左机盖<br>L. H. bonnet            | 1         |                                     | 224000000033                 |
| 20                | GTHZ120-402500-G00 | 锁扣<br>Locker                   | 2         |                                     | 224000100002                 |

图 2-2 转台装配 (GTHZ170/GTHZ170C)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description             | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-------------------------------|-----------|-------------------------------------|-----------------|
| 21                | GB818-85           | 螺钉 M4×12<br>Screw M4×12       | 4         |                                     | 300040070036    |
| 22                | GB97.1-85          | 垫圈 4<br>Washer 4              | 4         |                                     | 300030040011    |
| 23                | GB889-86           | 螺母 M4<br>Nut M4               | 4         |                                     | 300020150008    |
| 24                | GTHZ120-402200-000 | 锁紧钩<br>Locking hook           | 2         |                                     | 224000040035    |
| 25                | GB5783-86          | 螺栓 M6×16<br>Screw M6×16       | 4         | 8.8 级                               | 300010040148    |
| 26                | GB96-85            | 垫圈 6<br>Washer 6              | 8         |                                     | 300030190007    |
| 27                | GB/T 889.1         | 螺母 M6<br>Nut M6               | 4         |                                     | 300020150005    |
| 28                | GTHZ170-400700-000 | 左上部支架板<br>L.H. bonnet bracket | 1         |                                     | 224000040051    |
| 29                | GB5783-86          | 螺栓 M8×20<br>Screw M8×20       | 4         | M8×20                               | 300010040173    |
| 30                | GB96-85            | 垫圈 8 Washer 8                 | 4         |                                     | 300030190008    |
|                   | GB93-87            | 垫圈 8 Washer 8                 | 4         |                                     | 300030010015    |
| 31                | GTHZ170-400900-000 | 下部支架板<br>Bonnet bracket       | 2         |                                     |                 |
| 32                | GB5783-86          | 螺栓 M8×30<br>Screw M8×30       | 4         | 8.8 级                               | 300010040178    |
| 33                | GB96-85            | 垫圈 8<br>Washer 8              | 8         |                                     | 300030190008    |
| 34                | GB889-86           | 螺母 M8<br>Nut M8               | 4         |                                     | 300020150004    |
| 35                | GTHZ170-401600-000 | 罩板上支架<br>Hinge                | 2         |                                     | 224000000037    |
| 36                | GTHZ170-401500-000 | 罩板下支架<br>Hinge                | 2         |                                     | 224000000036    |
| 37                | GTHZ170-401400-G00 | 右机盖<br>R.H. bonnet            | 1         |                                     | 224000000034    |
| 38                | GTHZ170-400800-000 | 右上部支架板<br>R.H. bonnet bracket | 1         |                                     | 224000040052    |

图 2-2 转台装配 (GTHZ170/GTHZ170C)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description              | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No.              |
|-------------------|--------------------|--------------------------------|-----------|-------------------------------------|------------------------------|
| 39                |                    | 同 (35)                         |           |                                     |                              |
| 41                | GB5783-86          | 螺栓 M6×16<br>Screw M6×16        | 2         | 8.8 级                               | 300010040148                 |
| 42                | GB93-87<br>GB96-85 | 垫圈 6 Washer 6<br>垫圈 6 Washer 6 | 2<br>2    |                                     | 300030010014<br>300030190007 |
| 44                | GB/T70.2-2015      | 内六角平圆头螺钉 M6×20<br>Screw M6×20  | 12        |                                     | 300040030062                 |
| 45                | GB97.1-85          | 垫圈 6<br>Washer 6               | 12        |                                     | 300030040013                 |
| 46                | GB/T 889.1         | 螺母 M6<br>Nut M6                | 12        |                                     | 300020150005                 |
| 48                | GB5783-86          | 螺栓 M6×25<br>Screw M6×25        | 1         | 8.8 级                               | 300010040153                 |
| 49                | GB97.1-85          | 垫圈 6<br>Washer 6               | 1         |                                     | 300030040013                 |
| 50                | GB96-85            | 垫圈 6<br>Washer 6               | 1         |                                     | 300030190007                 |
| 51                | GB889-86           | 螺母 M6<br>Nut M6                | 1         | 8 级                                 | 300020150005                 |

## 第三章 臂架

图 3-1 起升臂装配 (GTHZ120)

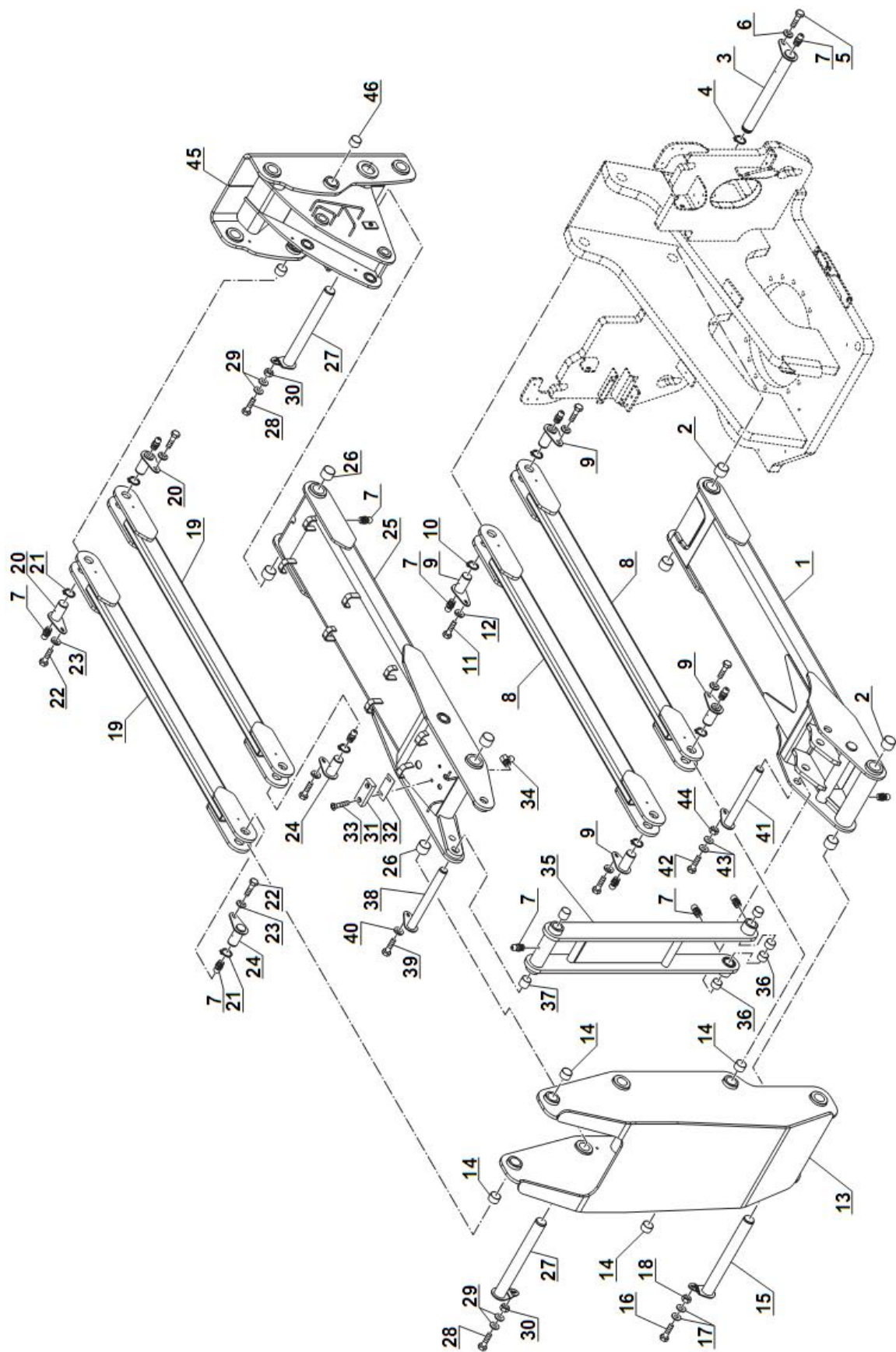


图 3-1 起升臂装配 (GTHZ120)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description              | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No.              |
|-------------------|--------------------|--------------------------------|-----------|-------------------------------------|------------------------------|
| 1                 | GTHZ120-910100-000 | 下臂<br>Lower jib                | 1         | GTHZ120                             | 229100000056                 |
| 2                 | CT-104030-G00      | 衬套<br>Bushing4030              | 4         | 4030                                | 229000070005                 |
| 3                 | GTHZ120-900100-000 | 销轴<br>Articulating pin         | 1         |                                     | 229000000011                 |
| 5                 | GB5783-86          | 螺栓 M8×20<br>Screw M8×20        | 2         | M8×20                               | 300010040173                 |
| 6                 | GB96-85<br>GB93-87 | 垫圈 8 Washer 8<br>垫圈 8 Washer 8 | 2<br>2    |                                     | 300030190008<br>300030010015 |
| 7                 | GTHZ120-200700-000 | 油杯 M8×1.25<br>Straight greaser | 9         |                                     | 222100070001                 |
| 8                 | GTHZ120-920100-000 | 底部拉杆<br>Lower tie rod          | 2         | GTHZ120                             | 229200000001                 |
| 9                 | GTHZ170-900200-000 | 销轴<br>Articulating pin         | 4         |                                     | 229000000031                 |
| 10                | G0894P1-000035-00  | 轴用弹性挡圈-A 型 35<br>Circlip 35    | 4         | 8.8 级                               | 300060030015                 |
| 13                | GTHZ120-910500-000 | 居中关节<br>Intermediary joint     | 1         |                                     | 229100000011                 |
| 15                | GTHZ120-900200-000 | 销轴<br>Articulating pin         | 1         | GTHZ120                             | 229000000012                 |
| 16                | GB5783-86          | 螺栓 M8×30<br>Screw M8×30        | 1         | 8.8 级                               | 300010040178                 |
| 17                | GB96-85            | 垫圈 8<br>Washer 8               | 2         |                                     | 300030190008                 |
| 18                | GB889-86           | 螺母 M8<br>Nut M8                | 1         |                                     | 300020150004                 |
| 19                | GTHZ120-920200-000 | 连杆<br>Upper tie rod            | 2         |                                     | 229200000002                 |
| 20                | GTHZ170-900200-000 | 销轴<br>Articulating pin         | 2         |                                     | 229000000031                 |
| 21                | G0894P1-000035-00  | 轴用弹性挡圈-A 型 35<br>Circlip 35    | 4         | 8.8 级                               | 300060030015                 |
| 22                | GB5783-86          | 螺栓 M8×20<br>Screw M8×20        | 2         | M8×20                               | 300010040173                 |



图 3-1 起升臂装配 (GTHZ120)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description              | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|--------------------------------|-----------|-------------------------------------|-----------------|
| 23                | GB96-85            | 垫圈 8 Washer 8                  | 2         |                                     | 300030190008    |
|                   | GB93-87            | 垫圈 8 Washer 8                  | 2         |                                     | 300030010015    |
| 24                | GTHZ170-900200-000 | 销轴<br>Articulating pin         | 2         |                                     | 229000000031    |
| 25                | GTHZ120-910200-000 | 中臂<br>Jib                      | 1         |                                     | 229000000003    |
| 26                | CT-104030-G00      | 衬套<br>Bushing4030              | 4         | 4030                                | 229000070005    |
| 27                | GTHZ120-900200-000 | 销轴<br>Articulating pin         | 2         | GTHZ120                             | 229000000012    |
| 28                | GB5783-86          | 螺栓 M8×30<br>Screw M8×30        | 2         | 8.8 级                               | 300010040178    |
| 29                | GB96-85            | 垫圈 8<br>Washer 8               | 4         |                                     | 300030190008    |
| 30                | GB889-86           | 螺母 M8<br>Nut M8                | 2         |                                     | 300020150004    |
| 31                | GTHZ120-903200-000 | 限位块<br>Stop                    | 1         |                                     | 229000090008    |
| 32                | GTHZ120-903300-000 | 调整垫片<br>Sheat                  | 1         |                                     | 229000030048    |
| 33                | GB5783-86          | 螺栓 M8×40<br>Screw M8×40        | 2         |                                     | 300010040183    |
| 34                | GTHZ120-200700-000 | 油杯 M8×1.25<br>Straight greaser | 1         |                                     | 222100070001    |
| 35                | GTHZ120-920300-000 | 分配支架<br>Rod                    | 1         |                                     | 229200000003    |
| 38                | GTHZ120-900300-000 | 销轴<br>Articulating pin         | 1         |                                     | 229000000013    |
| 39                | GB5783-86          | 螺栓 M8×30<br>Screw M8×30        | 1         | 8.8 级                               | 300010040178    |
| 40                | GB96-85            | 垫圈 8 Washer 8                  | 2         |                                     | 300030190008    |
|                   | GB93-87            | 垫圈 8 Washer 8                  | 2         |                                     | 300030010015    |
| 41                | GTHZ120-900300-000 | 销轴<br>Articulating pin         | 1         |                                     | 229000000013    |
| 42                | GB5783-86          | 螺栓 M8×30<br>Screw M8×30        | 1         | 8.8 级                               | 300010040178    |

图 3-1 起升臂装配（GTHZ120）

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description         | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|---------------------------|-----------|-------------------------------------|-----------------|
| 43                | GB96-85            | 垫圈 8<br>Washer 8          | 2         |                                     | 300030190008    |
| 44                | GB889-86           | 螺母 M8<br>Nut M8           | 1         |                                     | 300020150004    |
| 45                | GTHZ120-910600-000 | 上关节<br>Intermediary joint | 1         |                                     | 229100000012    |
| 46                | CT-103535-G00      | 衬套<br>Bushing3535         | 2         |                                     | 224000080008    |

图 3-2 起升臂装配 (GTHZ170/GTHZ170C)

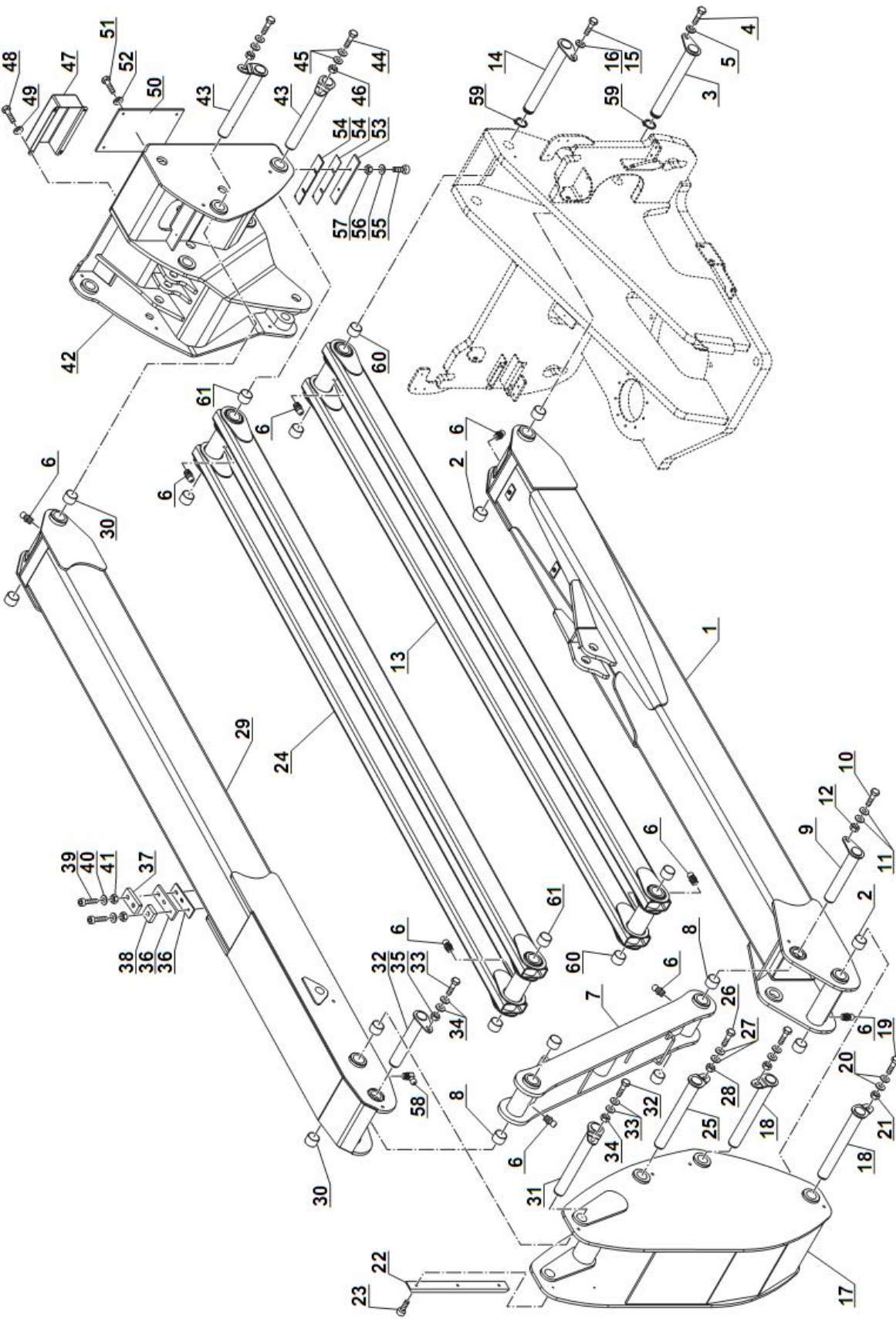


图 3-2 起升臂装配 (GTHZ170/GTHZ170C)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description              | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No.              |
|-------------------|--------------------|--------------------------------|-----------|-------------------------------------|------------------------------|
| 1                 | GTHZ170-910100-000 | 下臂<br>Lower jib                | 1         |                                     | 229100000056                 |
| 2                 | CT-104030-G00      | 衬套 4030<br>Bushing             | 4         | 4030                                | 229000070005                 |
| 3                 | GTHZ170-900100-000 | 销轴<br>Articulating pin         | 2         |                                     | 229000000030                 |
| 4                 | GB5783-86          | 螺栓 M8×20<br>Screw M8×20        | 2         | M8×20                               | 300010040173                 |
| 5                 | GB96-85<br>GB93-87 | 垫圈 8 Washer 8<br>垫圈 8 Washer 8 | 2<br>2    |                                     | 300030190008<br>300030010015 |
| 6                 | GTHZ120-200700-000 | 油杯 M8×1.25<br>Straight greaser | 9         |                                     | 222100070001                 |
| 7                 | GTHZ170-920200-000 | 分配支架<br>Rod                    | 1         |                                     | 229100000063                 |
| 8                 | CT-104030-G00      | 衬套 4030<br>Bushing             | 4         | 4030                                | 229000070005                 |
| 9                 | GTHZ170-900200-000 | 销轴<br>Articulating pin         | 2         |                                     | 229000000031                 |
| 10                | GB5783-86          | 螺栓 M8×30<br>Screw M8×30        | 1         | 8.8 级                               | 300010040178                 |
| 11                | GB96-85            | 垫圈 8<br>Washer 8               | 2         |                                     | 300030190008                 |
| 12                | GB889-86           | 螺母 M8<br>Nut M8                | 1         |                                     | 300020150004                 |
| 13                | GTHZ170-920100-000 | 拉杆<br>Tie rod                  | 2         |                                     | 229100000062                 |
| 14                | GTHZ170-900100-000 | 销轴<br>Articulating pin         | —<br>—    | 同 (3)                               | 229000000030                 |
| 15                | GB5783-86          | 螺栓 M8×20<br>Screw M8×20        | 2         | M8×20                               | 300010040173                 |
| 16                | GB96-85<br>GB93-87 | 垫圈 8 Washer 8<br>垫圈 8 Washer 8 | 2<br>2    |                                     | 300030190008<br>300030010015 |
| 17                | GTHZ170-910500-000 | 居中关节<br>Intermediary joint     | 1         |                                     | 229100000060                 |
| 18                | GTHZ170-900300-000 | 销轴<br>Articulating pin         | 6         |                                     | 229000000032                 |

图 3-2 起升臂装配 (GTHZ170/GTHZ170C)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description       | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-------------------------|-----------|-------------------------------------|-----------------|
| 19                | GB5783-86          | 螺栓 M8×30<br>Screw M8×30 | 1         | 8.8 级                               | 300010040178    |
| 20                | GB96-85            | 垫圈 8<br>Washer 8        | 2         |                                     | 300030190008    |
| 21                | GB889-86           | 螺母 M8<br>Nut M8         | 1         |                                     | 300020150004    |
| 22                | GTHZ170-902300-000 | 防护块<br>Jib guide        | 1         |                                     | 2290000090011   |
| 23                | GB70-85            | 螺钉 M6×20<br>Screw M6×20 | 3         | M6×20                               | 300040020158    |
| 24                | GTHZ170-920100-000 | 拉杆<br>Tie rod           | —<br>—    | 同 (13)                              | 2291000000062   |
| 25                | GTHZ170-900300-000 | 销轴<br>Articulating pin  | —<br>—    | 同 (18)                              | 2290000000032   |
| 26                | GB5783-86          | 螺栓 M8×30<br>Screw M8×30 | 1         | 8.8 级                               | 300010040178    |
| 27                | GB96-85            | 垫圈 8<br>Washer 8        | 2         |                                     | 300030190008    |
| 28                | GB889-86           | 螺母 M8<br>Nut M8         | 1         |                                     | 300020150004    |
| 29                | GTHZ170-910200-000 | 中臂<br>Jib               | 1         |                                     | 2291000000057   |
| 30                | CT-104030-G00      | 衬套 4030<br>Bushing      | 4         | 4030                                | 2290000070005   |
| 31                | GTHZ170-900300-000 | 销轴<br>Articulating pin  | —<br>—    | 同 (18)                              | 2290000000032   |
| 32                | GB5783-86          | 螺栓 M8×30<br>Screw M8×30 | 2         | 8.8 级                               | 300010040178    |
| 33                | GB96-85            | 垫圈 8<br>Washer 8        | 4         |                                     | 300030190008    |
| 34                | GB889-86           | 螺母 M8<br>Nut M8         | 2         |                                     | 300020150004    |
| 35                | GTHZ170-900200-000 | 销轴<br>Articulating pin  | —<br>—    | 同 (9)                               | 2290000000031   |
| 36                | GTHZ170-902700-000 | 调整垫块<br>Shim            | 1         |                                     | 2290000030055   |

图 3-2 起升臂装配 (GTHZ170/GTHZ170C)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description              | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No.              |
|-------------------|--------------------|--------------------------------|-----------|-------------------------------------|------------------------------|
| 37                | GTHZ170-902400-000 | 金属垫块<br>Wedge                  | 1         |                                     | 229000030053                 |
| 38                | GTHZ170-902500-000 | 塑料垫块<br>Slide block            | 1         |                                     | 229000090012                 |
| 39                | GB70-85            | 螺钉 M8×75<br>Screw M8×75        | 3         |                                     | 300040020131                 |
| 40                | GB96-85            | 垫圈 8<br>Washer 8               | 3         |                                     | 300030190008                 |
| 41                | GB889-86           | 螺母 M8<br>Nut M8                | 3         |                                     | 300020150004                 |
| 42                | GTHZ170-910600-000 | 上关节<br>Intermediary joint      | 1         |                                     | 229100000061                 |
| 43                | GTHZ170-900300-000 | 销轴<br>Articulating pin         | —<br>—    | 同 (18)                              | 229000000032                 |
| 44                | GB5783-86          | 螺栓 M8×30<br>Screw M8×30        | 2         | 8.8 级                               | 300010040178                 |
| 45                | GB96-85            | 垫圈 8<br>Washer 8               | 4         |                                     | 300030190008                 |
| 46                | GB889-86           | 螺母 M8<br>Nut M8                | 2         |                                     | 300020150004                 |
| 47                | GTHZ170-901400-000 | 上关节罩板<br>Protective housing    | 1         |                                     | 229000040037                 |
| 48                | GB5783-86          | 螺栓 M6×16<br>Screw M6×16        | 4         | 8.8 级                               | 300010040148                 |
| 49                | GB93-87<br>GB96-85 | 垫圈 6 Washer 6<br>垫圈 6 Washer 6 | 4<br>4    |                                     | 300030010014<br>300030190007 |
| 50                | GTHZ170-901300-000 | 上关节盖板<br>Fastening plate       | 1         |                                     | 229000030052                 |
| 51                | GB5783-86          | 螺栓 M6×16<br>Screw M6×16        | 4         | 8.8 级                               | 300010040148                 |
| 52                | GB93-87<br>GB96-85 | 垫圈 6 Washer 6<br>垫圈 6 Washer 6 | 4<br>4    |                                     | 300030010014<br>300030190007 |
| 61                | CT-104030-G00      | 衬套 4030<br>Bushing             | 8         | 4030                                | 229000070005                 |

图 3-3 上臂与伸缩臂装配 (GTHZ120)

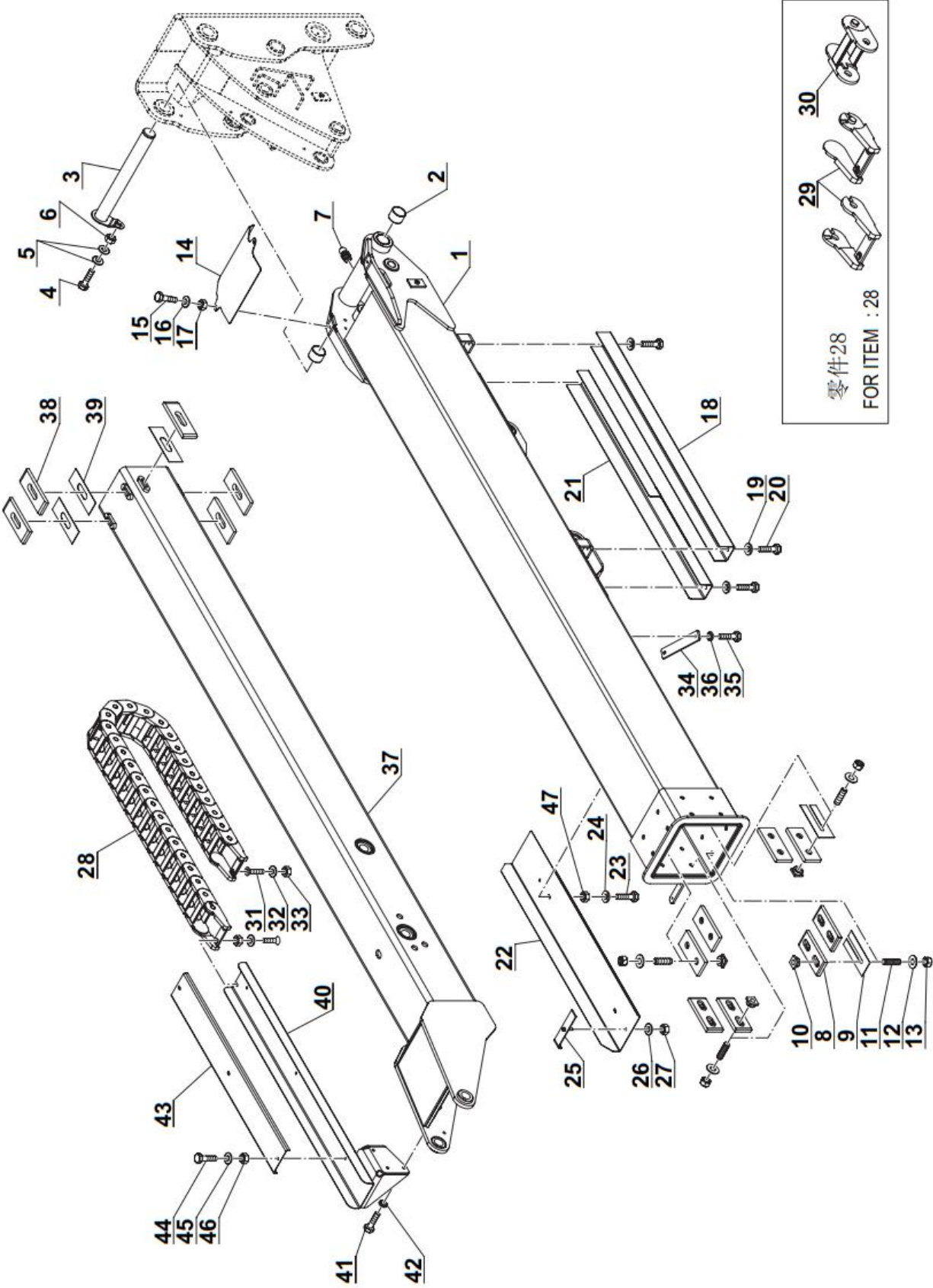


图 3-3 上臂与伸缩臂装配 (GTHZ120)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description              | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|--------------------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ120-910300-000 | 上臂<br>Upper jib                | 1         | GTHZ120                             | 229000000004    |
| 2                 | CT-104030-G00      | 衬套<br>Bushing4030              | 2         | 4030                                | 229000070005    |
| 3                 | GTHZ120-900200-000 | 销轴<br>Articulating pin         | 1         |                                     | 2290000000012   |
| 4                 | GB5783-86          | 螺栓 M8×30<br>Screw M8×30        | 1         | 8.8 级                               | 300010040178    |
| 5                 | GB96-85            | 垫圈 8<br>Washer 8               | 2         |                                     | 300030190008    |
| 6                 | GB889-86           | 螺母 M8<br>Nut M8                | 1         |                                     | 300020150004    |
| 7                 | GTHZ120-200700-000 | 油杯 M8×1.25<br>Straight greaser | 3         |                                     | 222100070001    |
| 8                 | GTHZ120-902600-000 | 伸缩臂顶端滑块<br>Slide block         | 8         |                                     | 229000090006    |
| 9                 | GTHZ120-902800-000 | 调试板<br>Shim                    | 8         |                                     | 229000030046    |
| 10                | GTHZ120-902700-000 | 方形螺母<br>Insert                 | 16        |                                     | 2290000110002   |
| 11                | GB77-85            | 螺钉 M12×40<br>Screw M12×40      | 16        |                                     | 300040050007    |
| 12                | GB97.1-85          | 垫圈 12<br>Washer 12             | 16        |                                     | 300030040003    |
| 13                | GB889-86           | 螺母 M12<br>Nut M12              | 16        |                                     | 300020150006    |
| 14                | GTHZ120-901700-000 | 上臂后盖板<br>Protective housing    | 1         |                                     | 229000040024    |
| 15                | GB5783-86          | 螺栓 M6×16<br>Screw M6×16        | 2         | 8.8 级                               | 300010040148    |
| 16                | GB93-87            | 垫圈 6<br>Washer 6               | 2         |                                     | 300030010014    |
| 17                | GB96-85            | 垫圈 6<br>Washer 6               | 2         |                                     | 300030190007    |
| 18                | GTHZ120-901900-000 | 第二节臂胶管罩板<br>Guide hose         | 1         |                                     | 229000040026    |



图 3-3 上臂与伸缩臂装配 (GTHZ120)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description                  | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|------------------------------------|-----------|-------------------------------------|-----------------|
| 19                | GB5783-86          | 螺栓 M6×10<br>Screw M6×10            | 3         | 8.8 级                               | 300010040144    |
| 20                | GB93-87            | 垫圈 6 Washer 6                      | 2         |                                     | 300030010014    |
|                   | GB96-85            | 垫圈 6 Washer 6                      | 2         |                                     | 300030190007    |
| 22                | GTHZ120-902100-000 | 沟槽罩板<br>Housing                    | 1         |                                     | 229000040027    |
| 23                | GB5783-86          | 螺栓 M6×10<br>Screw M6×10            | 3         | 8.8 级                               | 300010040144    |
| 24                | GB93-87            | 垫圈 6<br>Washer 6                   | 3         |                                     | 300030010014    |
| 25                | GTHZ120-903900-000 | 锁带<br>Flange                       | 2         |                                     | 229000000027    |
| 26                | GB96-85            | 垫圈 6<br>Washer 6                   | 2         |                                     | 300030190007    |
| 27                | GB/T 889.1         | 螺母 M6<br>Nut M6                    | 2         |                                     | 300020150005    |
| 28                | GTHZ120-904100-G00 | 拖链<br>Complete chain ( 20<br>Link) | 1         |                                     | 229000000026    |
| 29                | GTHZ170-902901-000 | Plug                               |           |                                     |                 |
| 30                | GTHZ170-902902-000 | Link                               |           |                                     |                 |
| 31                | GB/T70.3-2008      | 内六角沉头螺钉 M6×16<br>Screw M6×16       | 2         |                                     | 300040040034    |
| 32                | GB96-85            | 垫圈 6<br>Washer 6                   | 2         |                                     | 300030190007    |
| 33                | GB/T 889.1         | 螺母 M6<br>Nut M6                    | 2         |                                     | 300020150005    |
| 34                | GTHZ120-903400-000 | 折板<br>SHEAT                        | 1         |                                     | 229000040033    |
| 35                | GB5783-86          | 螺栓 M6×16<br>Screw M6×16            | 2         | 8.8 级                               | 300010040148    |
| 36                | GB93-87            | 垫圈 6<br>Washer 6                   | 2         |                                     | 300030010014    |
|                   | GB96-85            | 垫圈 6<br>Washer 6                   | 2         |                                     | 300030190007    |
| 37                | GTHZ120-910400-000 | 伸缩管<br>Boom telescope              | 1         |                                     | 229100000016    |

图 3-3 上臂与伸缩臂装配（GTHZ120）

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description       | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-------------------------|-----------|-------------------------------------|-----------------|
| 38                | GTHZ120-902900-000 | 伸缩臂内管滑块<br>Slide block  | 6         |                                     | 229000090007    |
| 39                | GTHZ120-903100-000 | 调试板<br>Wedge            | 6         |                                     | 229000030047    |
| 40                | GTHZ120-902200-000 | 拖链上支架<br>Guide hose     | 1         |                                     | 229000000024    |
| 41                | GB5783-86          | 螺栓 M8×35<br>Screw M8×35 | 3         |                                     | 300010040180    |
| 42                | GB93-87            | 垫圈 8<br>Washer 8        | 3         |                                     | 300030010015    |
| 43                | GTHZ120-902300-000 | 板<br>Flange             | 1         |                                     | 229000040030    |
| 44                | GB5783-86          | 螺栓 M6×40<br>Screw M6×40 | 4         |                                     | 300010040157    |
| 45                | GB96-85            | 垫圈 6<br>Washer 6        | 8         |                                     | 300030190007    |
| 46                | GB/T 889.1         | 螺母 M6<br>Nut M6         | 4         |                                     | 300020150005    |

图 3-4 上臂与伸缩臂装配 (GTHZ170/GTHZ170C)

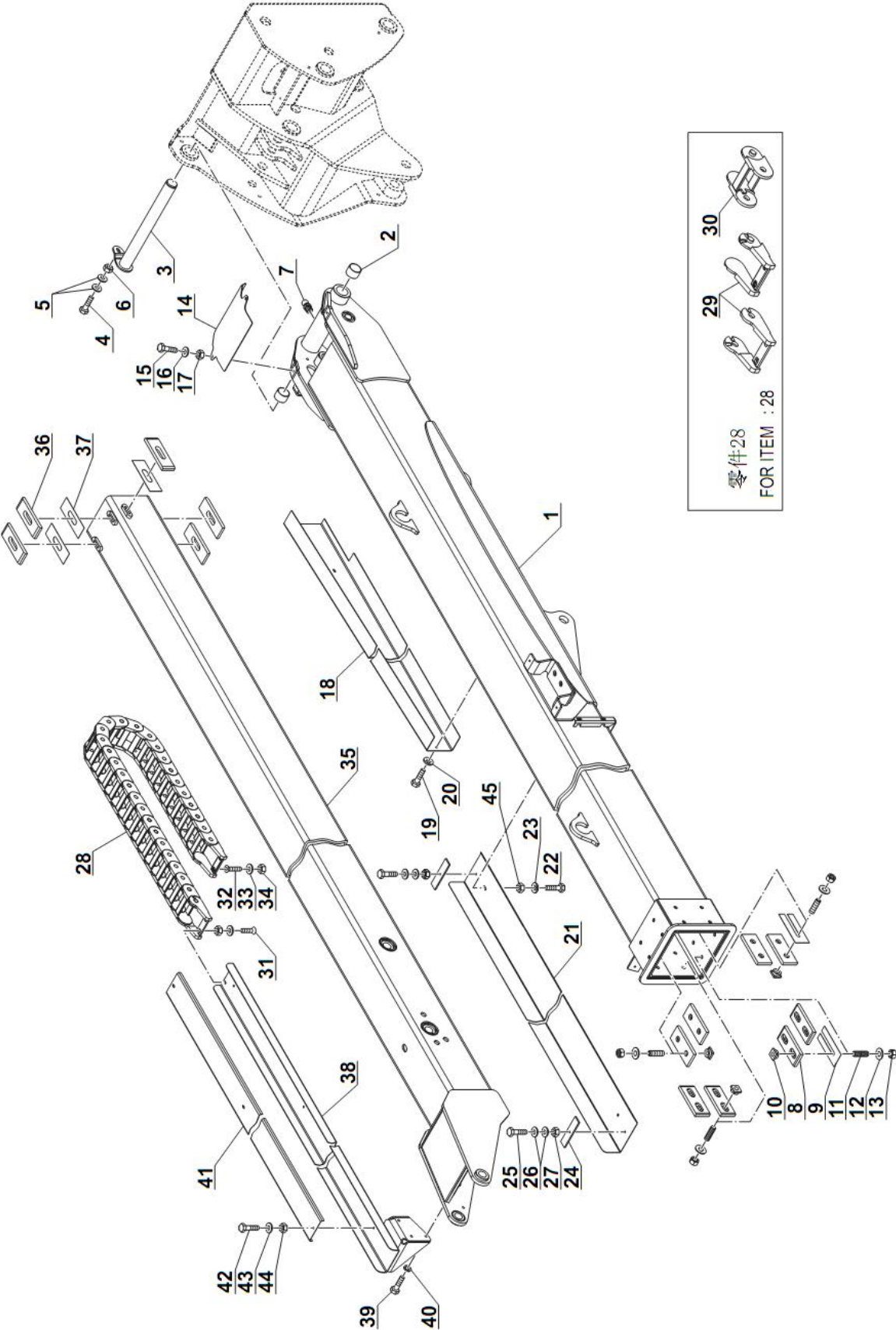


图 3-4 上臂与伸缩臂装配 (GTHZ170/GTHZ170C)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description              | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|--------------------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ170-910300-000 | 上臂<br>Upper jib                | 1         | HZ170P                              | 229100000013    |
| 2                 | CT-104030-G00      | 衬套<br>Bushing4030              | 2         | 4030                                | 229000070005    |
| 3                 | GTHZ170-900600-000 | 销轴<br>Articulating pin         | 1         |                                     | 2290000000035   |
| 4                 | GB5783-86          | 螺栓 M8×30<br>Screw M8×30        | 1         | 8.8 级                               | 300010040178    |
| 5                 | GB96-85            | 垫圈 8<br>Washer 8               | 2         |                                     | 300030190008    |
| 6                 | GB889-86           | 螺母 M8<br>Nut M8                | 1         |                                     | 300020150004    |
| 7                 | GTHZ120-200700-000 | 油杯 M8×1.25<br>Straight greaser | 3         |                                     | 222100070001    |
| 8                 | GTHZ120-902600-000 | 伸缩臂顶端滑块<br>Slide block         | 8         |                                     | 229000090006    |
| 9                 | GTHZ120-902800-000 | 调试板<br>Shim                    | 8         |                                     | 229000030046    |
| 10                | GTHZ120-902700-000 | 方形螺母<br>Insert                 | 16        |                                     | 229000110002    |
| 11                | GB77-85            | 螺钉 M12×40<br>Screw M12×40      | 16        |                                     | 300040050007    |
| 12                | GB97.1-85          | 垫圈 12<br>Washer 12             | 16        |                                     | 300030040003    |
| 13                | GB889-86           | 螺母 M12<br>Nut M12              | 16        |                                     | 300020150006    |
| 14                | GTHZ120-901700-000 | 上臂后盖板<br>Protective housing    | 1         |                                     | 229000040024    |
| 15                | GB5783-86          | 螺栓 M6×16<br>Screw M6×16        | 2         | 8.8 级                               | 300010040148    |
| 16                | GB93-87            | 垫圈 6<br>Washer 6               | 2         |                                     | 300030010014    |
| 17                | GB96-85            | 垫圈 6<br>Washer 6               | 2         |                                     | 300030190007    |
| 18                | GTHZ170-901500-000 | 上臂右后罩板<br>Protective housing   | 1         |                                     | 229000040038    |

图 3-4 上臂与伸缩臂装配 (GTHZ170/GTHZ170C)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description               | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|---------------------------------|-----------|-------------------------------------|-----------------|
| 19                | GB5783-86          | 螺栓 M6×10<br>Screw M6×10         | 3         | 8.8 级                               | 300010040144    |
| 20                | GB93-87            | 垫圈 6 Washer 6                   | 2         |                                     | 300030010014    |
|                   | GB96-85            | 垫圈 6 Washer 6                   | 2         |                                     | 300030190007    |
| 22                | GTHZ170-901600-000 | 胶管罩板<br>Housing                 | 1         |                                     | 229000040039    |
| 23                | GB5783-86          | 螺栓 M6×10<br>Screw M6×10         | 3         | 8.8 级                               | 300010040144    |
| 24                | GB93-87            | 垫圈 6<br>Washer 6                | 3         |                                     | 300030010014    |
| 25                | GTHZ120-903900-000 | 锁带<br>Flange                    | 2         |                                     | 229000000027    |
| 26                | GB96-85            | 垫圈 6<br>Washer 6                | 2         |                                     | 300030190007    |
| 27                | GB/T 889.1         | 螺母 M6<br>Nut M6                 | 2         |                                     | 300020150005    |
| 28                | GTHZ170-902900-000 | 拖链 Complete chain<br>( 20 Link) | 1         | 34 节                                | 229000000042    |
| 29                | GTHZ170-902901-000 | Plug                            |           |                                     |                 |
| 30                | GTHZ170-902902-000 | Link                            |           |                                     |                 |
| 31                | GB/T70.3-2008      | 内六角沉头螺钉 M6×16<br>Screw M6×16    | 2         |                                     | 300040040034    |
| 32                | GB/T70.3-2008      | 内六角沉头螺钉 M6×16<br>Screw M6×16    | 2         |                                     | 300040040034    |
| 33                | GB96-85            | 垫圈 6<br>Washer 6                | 2         |                                     | 300030190007    |
| 34                | GB/T 889.1         | 螺母 M6<br>Nut M6                 | 2         |                                     | 300020150005    |
| 35                | GTHZ170-910400-000 | 伸缩管<br>Boom telescope           | 1         |                                     | 229100000059    |
| 36                | GTHZ120-902900-000 | 伸缩臂内管滑块<br>Slide block          | 6         |                                     | 229000090007    |
| 37                | GTHZ120-903100-000 | 调试板<br>Wedge                    | 6         |                                     | 229000030047    |
| 38                | GTHZ170-901800-000 | 拖链上支架<br>Guide hose             | 1         |                                     | 229000000041    |

图 3-4 上臂与伸缩臂装配（GTHZ170/GTHZ170C）

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description       | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-------------------------|-----------|-------------------------------------|-----------------|
| 39                | GB5783-86          | 螺栓 M8×35<br>Screw M8×35 | 3         |                                     | 300010040180    |
| 40                | GB93-87            | 垫圈 8<br>Washer 8        | 3         |                                     | 300030010015    |
| 41                | GTHZ170-901700-000 | 上臂上盖板<br>Flange         | 1         | GTHZ170 、<br>GTHZ170C               | 229000040040    |
| 42                | GB5783-86          | 螺栓 M6×40<br>Screw M6×40 | 4         |                                     | 300010040157    |
| 43                | GB96-85            | 垫圈 6<br>Washer 6        | 8         |                                     | 300030190007    |
| 44                | GB/T 889.1         | 螺母 M6<br>Nut M6         | 4         |                                     | 300020150005    |

图 3-5 摆臂组件

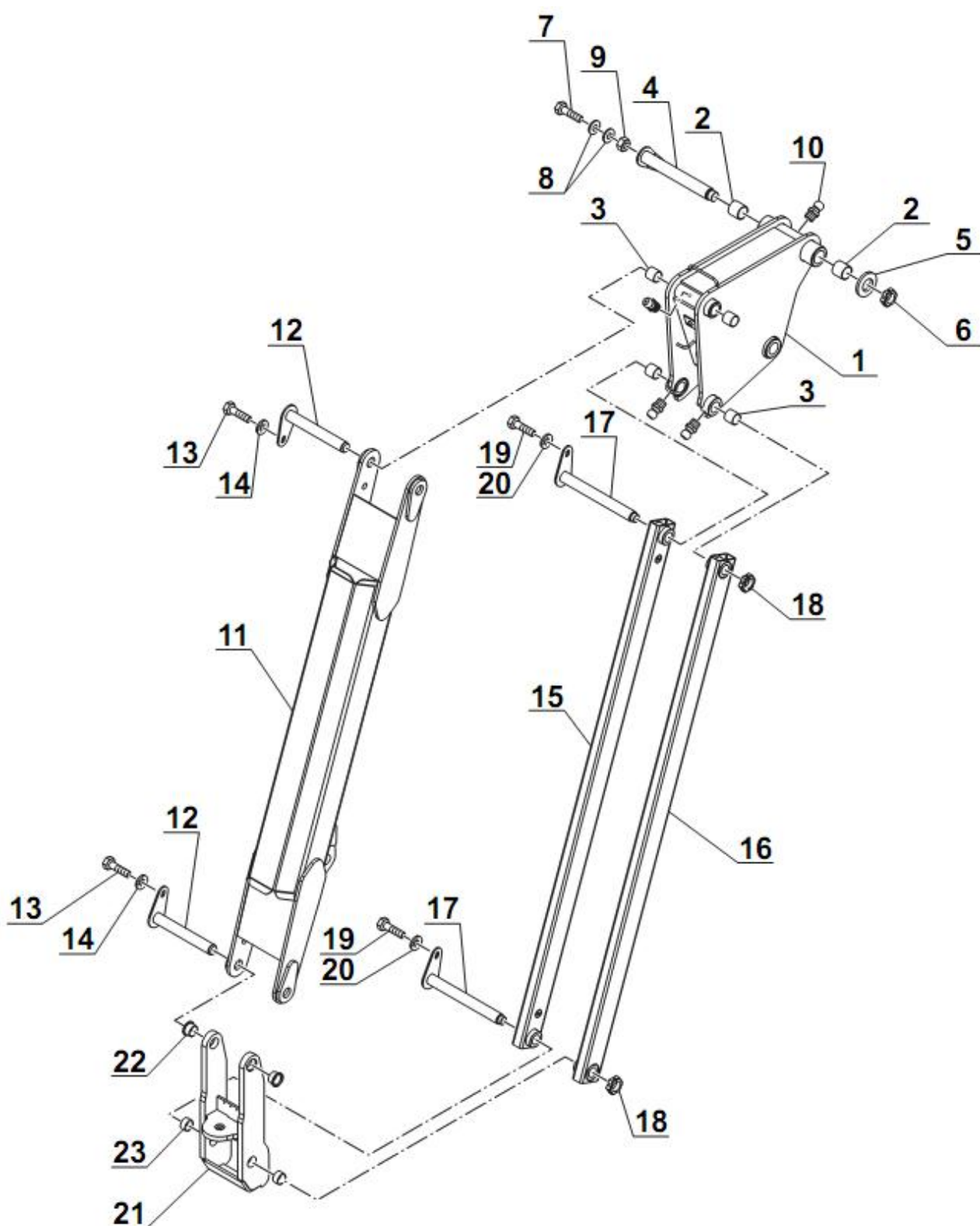


图 3-5 摆臂组件

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description                | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No.              |
|-------------------|--------------------|----------------------------------|-----------|-------------------------------------|------------------------------|
| 1                 | GTHZ120-910700-000 | 摆动关节<br>Joint with bushing       | 1         |                                     | 229100000013                 |
| 2                 | CT-103030-G00      | 衬套<br>Bushing                    | 2         | 3030                                | 229000070006                 |
| 3                 | CT-102525-G00      | 衬套<br>Bushing                    | 4         | 2525                                | 224000080003                 |
| 4                 | GTHZ120-900900-000 | 销轴<br>Articulating pin           | 1         |                                     | 229000000018                 |
| 5                 | GB97.1-85          | 垫圈 27<br>Washer 27               | 1         | 27                                  | 300030040008                 |
| 6                 | GB812-88           | 螺母 M25×1.5<br>Holed circular nut | 1         | M25×1.5                             | 300020220023                 |
| 7                 | GB5783-86          | 螺栓 M8×30<br>Screw M8×30          | 1         | 8.8 级                               | 300010040178                 |
| 8                 | GB96-85            | 垫圈 8<br>Washer 8                 | 2         |                                     | 300030190008                 |
| 9                 | GB889-86           | 螺母 M8<br>Nut M8                  | 1         |                                     | 300020150004                 |
| 10                | GTHZ120-200700-000 | 油杯 M8×1.25<br>Straight greaser   | 3         |                                     | 222100070001                 |
| 11                | GTHZ120-910800-000 | 摆臂<br>JIB - PERSONNEL<br>BASKET  | 1         |                                     | 229100000047                 |
| 12                | GTHZ120-901200-000 | 销轴<br>Articulating pin           | 2         |                                     | 229000000020                 |
| 13                | GB5783-86          | 螺栓 M8×20<br>Screw M8×20          | 2         | M8×20                               | 300010040173                 |
| 14                | GB96-85<br>GB93-87 | 垫圈 8 Washer 8<br>垫圈 8 Washer 8   | 2<br>2    |                                     | 300030190008<br>300030010015 |
| 15                | GTHZ120-920400-000 | 左拉杆<br>Left side tie bar         | 1         |                                     | 229200000004                 |
| 16                | GTHZ120-920500-000 | 右拉杆<br>Right side tie bar        | 1         |                                     | 229200000005                 |
| 17                | GTHZ120-901300-000 | 销轴<br>Articulating pin           | 2         |                                     | 229000000021                 |
| 18                | GB812-88           | 螺母 M20×1.5<br>Holed circular nut | 2         | M20×1.5                             | 300020220008                 |



图 3-5 摆臂组件

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description                               | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-------------------------------------------------|-----------|-------------------------------------|-----------------|
| 19                | GB5783-86          | 螺栓 M8×20<br>Screw M8×20                         | 2         | M8×20                               | 300010040173    |
| 20                | GB96-85            | 垫圈 8 Washer 8                                   | 2         |                                     | 300030190008    |
|                   | GB93-87            | 垫圈 8 Washer 8                                   | 2         |                                     | 300030010015    |
| 21                | GTHZ120-920600-000 | 摆动支架<br>Support rotation<br>basket with bushing | 1         |                                     | 229200000006    |
| 22                | CT-225165-G00      | 翻边衬套<br>Bushing                                 | 2         | 25×16.5                             | 224000080001    |
| 23                | CT-112515-G00      | 衬套<br>Bushing                                   | 2         | 2515                                | 229000070007    |

## 第四章 工作平台

图 4-1 工作平台组件

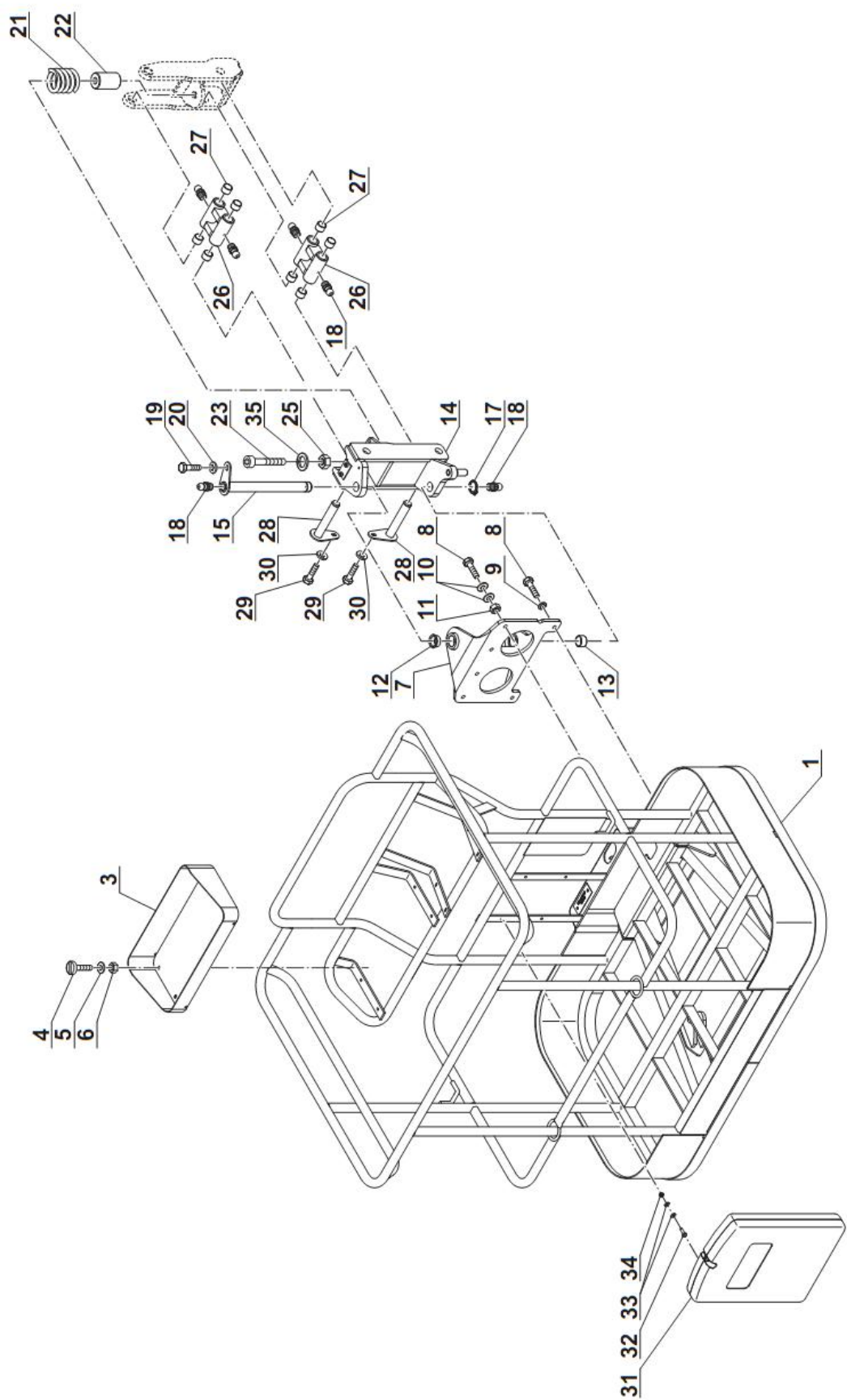


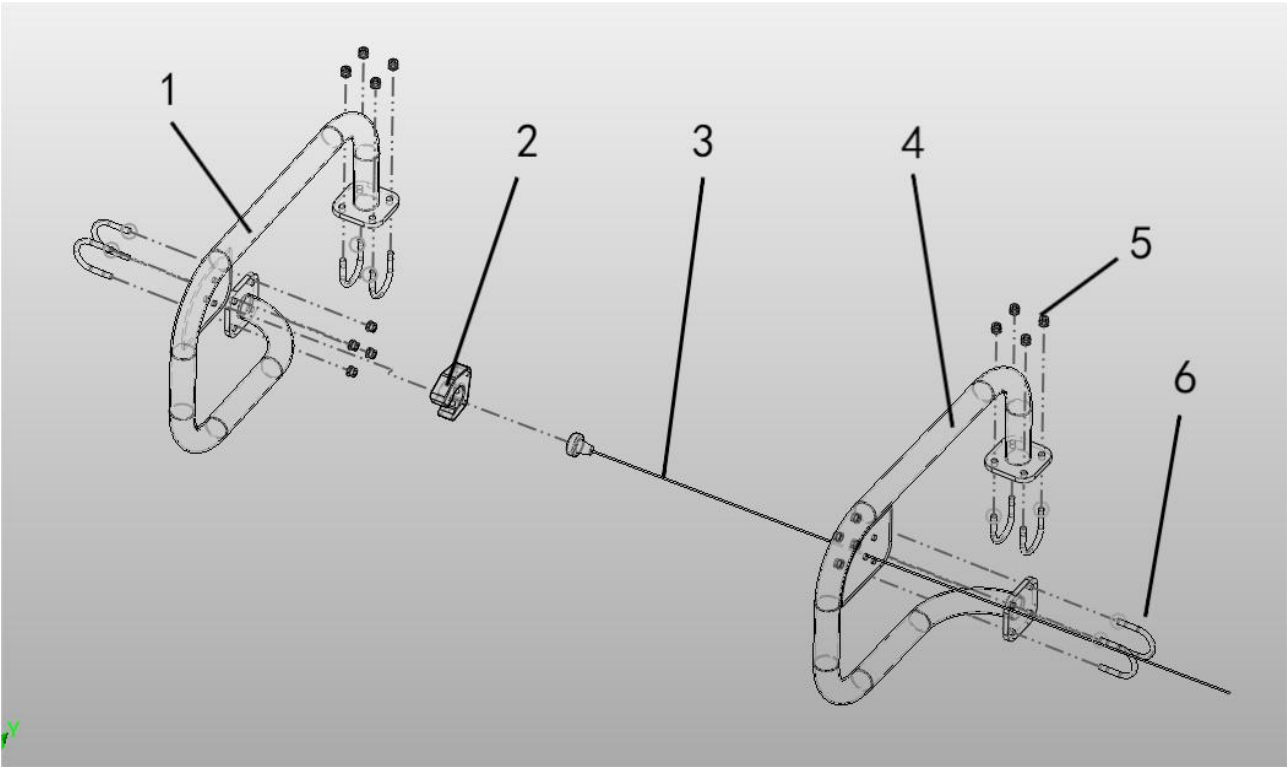
图 4-1 工作平台组件

| 序号<br>Item<br>No. | 代号<br>Part No.      | 名称<br>Description                    | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|---------------------|--------------------------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ120-810000-000  | 围栏                                   | 1         | GTHZ120<br>GTHZ170 (1.2m)           |                 |
|                   | GTHZ120-810000-150  | Personnel basket                     | 1         | GTHZ170 (1.5m)                      |                 |
|                   | GTHZ170C-810000-180 |                                      | 1         | GTHZ170C (1.8m)                     |                 |
| 3                 | GTHZ120-800200-000  | 工具箱<br>Tool box                      | 1         |                                     | 2280000000013   |
| 4                 | GB/T70.2-2015       | 内六角平圆头螺钉<br>Screw M6×20              | 4         |                                     | 300040030062    |
| 5                 | GB96-85             | 垫圈 6<br>Washer 6                     | 4         |                                     | 300030190007    |
| 6                 | GB/T 889.1          | 螺母 M6<br>Nut M6                      | 4         |                                     | 300020150005    |
| 7                 | GTHZ120-920800-000  | 围栏基座<br>Base-plate with<br>bushing   | 1         |                                     | 2292000000008   |
| 8                 | GB5783-86           | 螺栓 M12×40<br>Screw M12×40            | 7         |                                     | 300010040037    |
| 9                 | GB93-87             | 垫圈 12<br>Washer 12 Washer 12         | 2         |                                     | 300030010002    |
| 10                | GB97.1-85           | 垫圈 12<br>Washer 12 Washer 12         | 10        |                                     | 300030040003    |
| 11                | GB889-86            | 螺母 M12<br>Nut M12 Nut M12            | 5         |                                     | 300020150006    |
| 12                | CT-230165-G00       | 翻边衬套<br>Bushing                      | 1         | 30×16.5                             | 229000070008    |
| 13                | CT-103020-G00       | 衬套<br>Bushing                        | 1         | 3020                                | 229000070009    |
| 14                | GTHZ120-920700-000  | 自转负载支架<br>Support rotation<br>basket | 1         |                                     | 2292000000007   |
| 15                | GTHZ120-901600-000  | 销轴<br>Articulating pin               | 1         |                                     | 2290000000023   |
| 16                | CT-603230-G00       | 自润滑垫圈<br>Bushing                     | 1         | 30                                  | 229000070010    |
| 17                | GB/T 894.1-1986     | 轴用弹性挡圈-A 型 30<br>Circlip 30          | 1         | 30                                  | 300060030014    |

图 4-1 工作平台组件

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description                     | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|---------------------------------------|-----------|-------------------------------------|-----------------|
| 18                | GTHZ120-200700-000 | 油杯 M8×1.25<br>Straight greaser        | 4         |                                     | 222100070001    |
| 19                | GB5783-86          | 螺栓 M8×20<br>Screw M8×20               | 1         |                                     | 300010040173    |
| 20                | GB96-85            | 垫圈 8<br>Washer 8                      | 1         |                                     | 300030190008    |
| 21                | GTHZ120-903700-000 | 过载弹簧<br>Spring                        | 1         |                                     | 229000060011    |
| 22                | GTHZ120-903800-000 | 过载装置隔板<br>Spacer                      | 1         |                                     | 229000090010    |
| 23                | GB/T70.1-2008      | 内六角圆柱头螺钉 M16<br>×140<br>Screw M16×140 | 1         | 10.9 级                              | 300040020218    |
| 25                | GB97.1-85          | 垫圈 16<br>Washer 16                    | 1         |                                     | 300030040005    |
| 26                | GTHZ120-920900-000 | 过载连杆<br>Rod                           | 2         |                                     | 229200000009    |
| 27                | CT-112515-G00      | 衬套<br>Bushing                         | 8         | 2515                                | 229000070007    |
| 28                | GTHZ120-901500-000 | 销轴<br>Articulating pin                | 1         |                                     | 229000000025    |
| 29                | GB5783-86          | 螺栓 M8×20<br>Screw M8×20               | 2         | M8×20                               | 300010040173    |
| 30                | GB96-85            | 垫圈 8Washer 8                          | 2         |                                     | 300030190008    |
|                   | GB93-87            | 垫圈 8 Washer 8                         | 2         |                                     | 300030010015    |
| 31                | 78XEN-820100-G00   | 文件盒<br>Box                            | 1         |                                     | 228000000009    |
| 32                | GB5783-86          | 螺栓 M6×25<br>Screw M6×25               | 4         | 8.8 级                               | 300010040153    |
| 33                | GB97.1-85          | 垫圈 6<br>Washer 6                      | 8         |                                     | 300030040013    |

图 4-2 防挤压装置



| 序号<br>Item<br>No. | 代号<br>Part No.      | 名称<br>Description        | 数量<br>Q'ty | 备注或适用车型<br>Remarks or Series<br>No. | 物料码<br>Code No. |
|-------------------|---------------------|--------------------------|------------|-------------------------------------|-----------------|
| 1                 | GTHZ120-800400-000  | 装置左管                     | 1          | GHTZ120/GHTZ170<br>(1.2m)           |                 |
|                   | GTHZ170-800200-000  | Left pipe of the device  |            | GHTZ170 (1.5m)                      |                 |
|                   | GTHZ170C-800200-000 |                          |            | GHTZ170C (1.8m)                     |                 |
| 2                 | GTHZ120-800001-000  | 开关插座<br>Switch socket    | 1          |                                     |                 |
| 3                 | GTHZ120-800002-000  | 装置电缆<br>Device cable     | 1          |                                     |                 |
| 4                 | GTHZ120-800300-000  | 装置右管                     | 1          | GHTZ120/GHTZ170<br>(1.2m)           |                 |
|                   | GTHZ170-800200-000  | Right pipe of the device |            | GHTZ170 (1.5m)                      |                 |
|                   | GTHZ170C-800200-000 |                          |            | GHTZ170C (1.8m)                     |                 |
| 5                 | GB889-86            | 螺母 M8<br>Nut M8          | 16         |                                     |                 |
| 6                 | GTHZ120-800003-000  | U 型锁<br>U-shaped lock    | 8          |                                     |                 |

## 第五章 液压系统

图 5-1 液压油路—主油路 (GTHZ120)

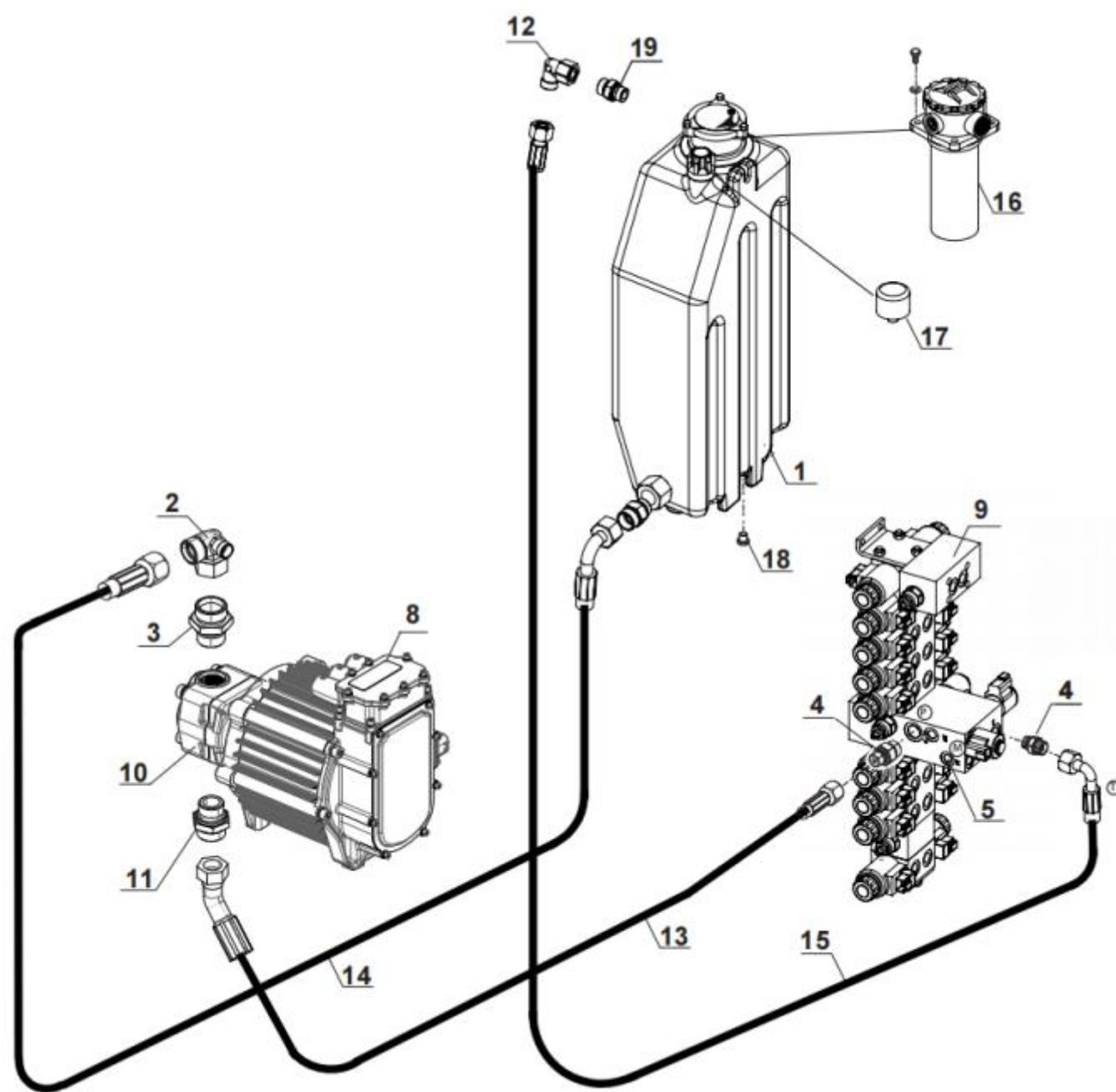




图 5-1 液压油路—主油路(GTHZ120)

| 序号<br>Item<br>No. | 代号<br>Part No.       | 名称<br>Description                                    | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|----------------------|------------------------------------------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ120-610100-G00   | 油箱体<br>Oil tank                                      | 1         |                                     | 226100000014    |
| 2                 | JT-111230-G00        | 过渡接头<br>Connection                                   | 1         |                                     | 226000040025    |
| 3                 | GTHZ120-640003-G00   | 三通接头<br>Connection                                   | 1         |                                     | 226000040030    |
| 4                 | JT-110824-G00        | 过渡接头<br>Connection                                   | 2         |                                     | 226000040010    |
| 5                 | G250-600011-G00      | 测压接头<br>Connection<br>(Pressure test)                | 1         |                                     | 206500230009    |
| 8                 | HS1416TPI-710200-G00 | 油泵电机<br>Electric motor                               | 1         |                                     | 227700010003    |
| 9                 | GTHZ120-610600-G01   | 液压阀组<br>Valve bank                                   | 1         |                                     |                 |
| 10                | XSD090-622000-000    | 齿轮泵<br>Hydraulic pump                                | 1         |                                     | 226500010002    |
| 11                | JT-111230-G00        | 过渡接头<br>Connection                                   | 1         |                                     | 226000040025    |
| 12                | JT-110824-G00        | 过渡接头<br>Connection                                   | 3         |                                     | 226000040010    |
| 13                | GTHZ120-630020-000   | 高压胶管<br>Hose                                         | 1         |                                     | 226300010039    |
| 14                | GTHZ120-630021-000   | 高压胶管<br>Hose                                         | 1         |                                     | 226300010048    |
| 15                | GTHZ120-630028-000   | 高压胶管<br>Hose                                         | 1         |                                     | 226300010055    |
| 16                | GTHZ120-600002-G00   | 回油过滤器<br>Cartridge<br>hydraulic return<br>oil filter | 1         |                                     | 226000050021    |
| 17                | TM450B1-G00          | 空气呼吸过滤器<br>Air breather                              | 1         |                                     | 206500110004    |
| 18                | JT-410004-G00        | 螺纹堵头<br>Plug                                         | 1         |                                     | 226000040015    |

图 5-2 液压油路—主油路 (GTHZ170/GTHZ170C)

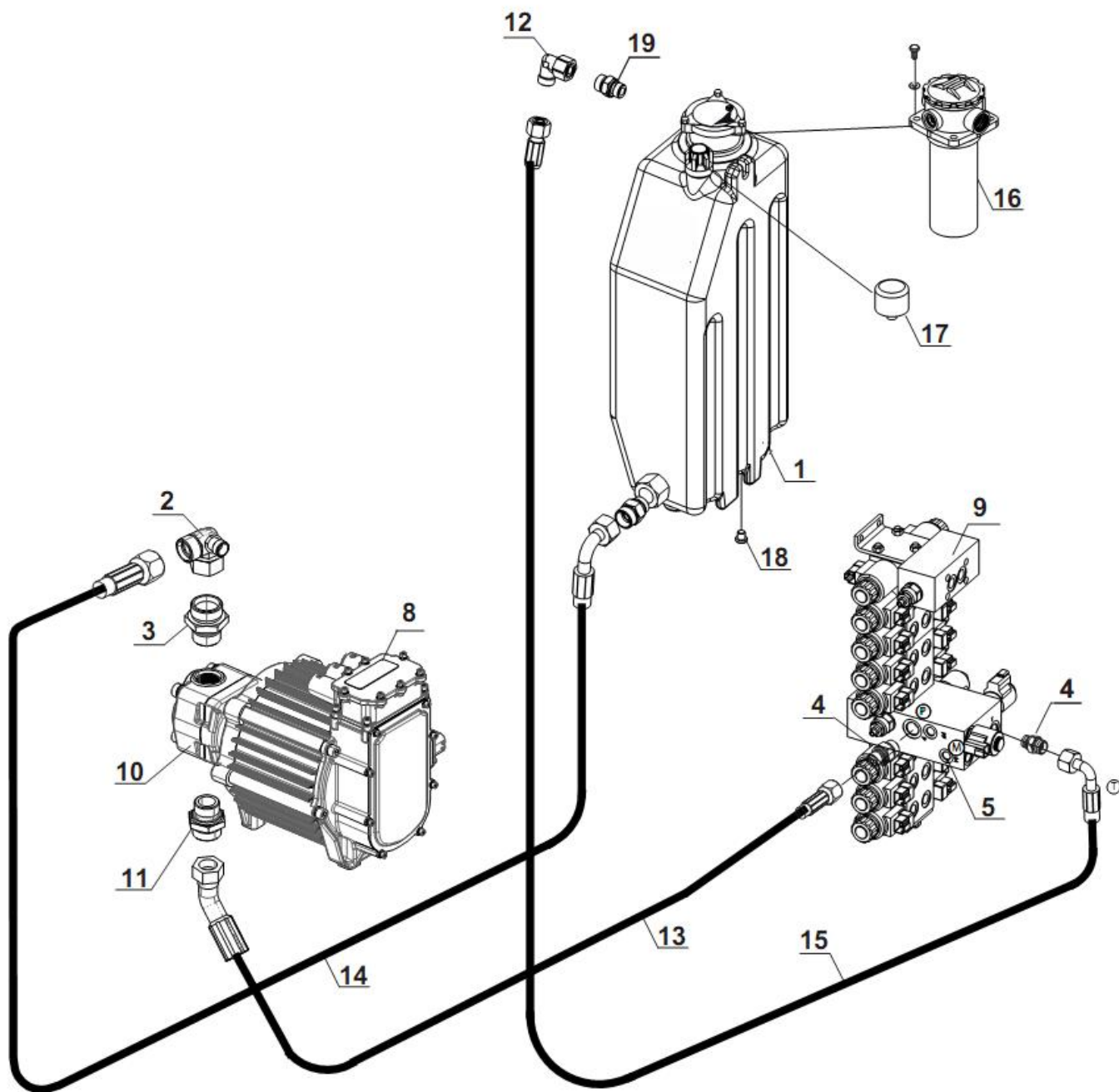
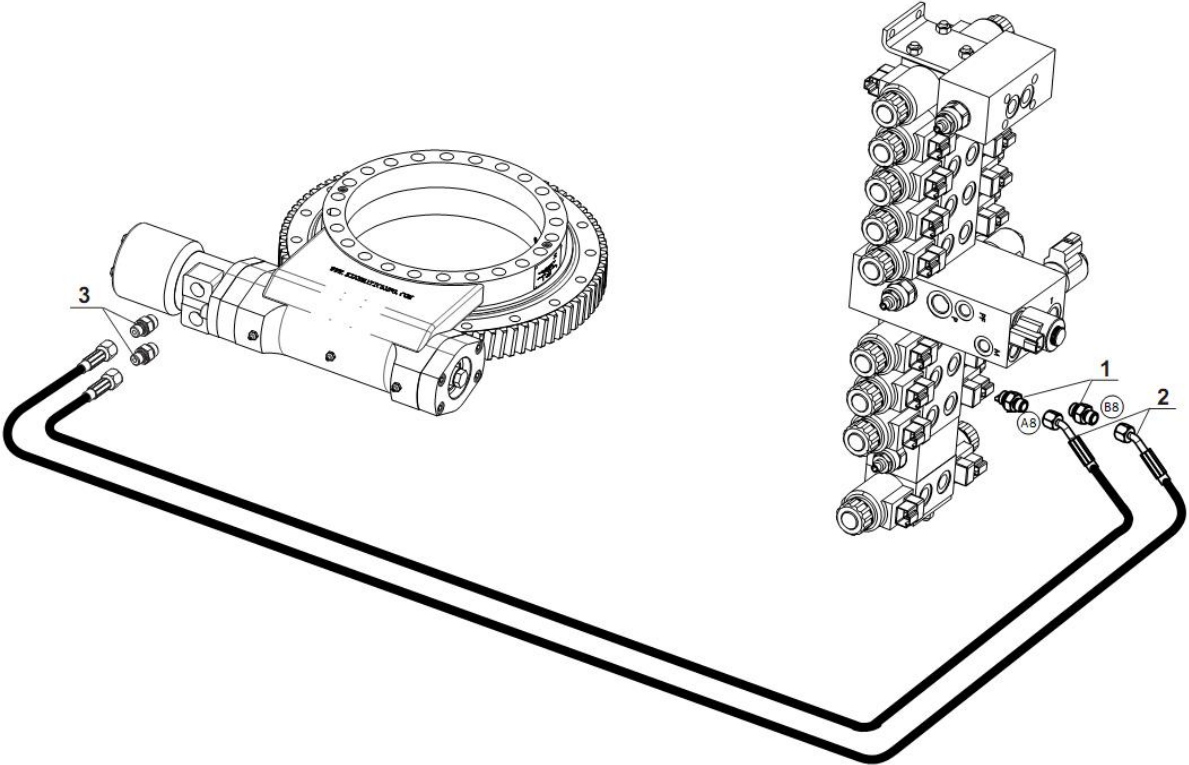


图 5-2 液压油路—主油路 (GTHZ170/GTHZ170C)

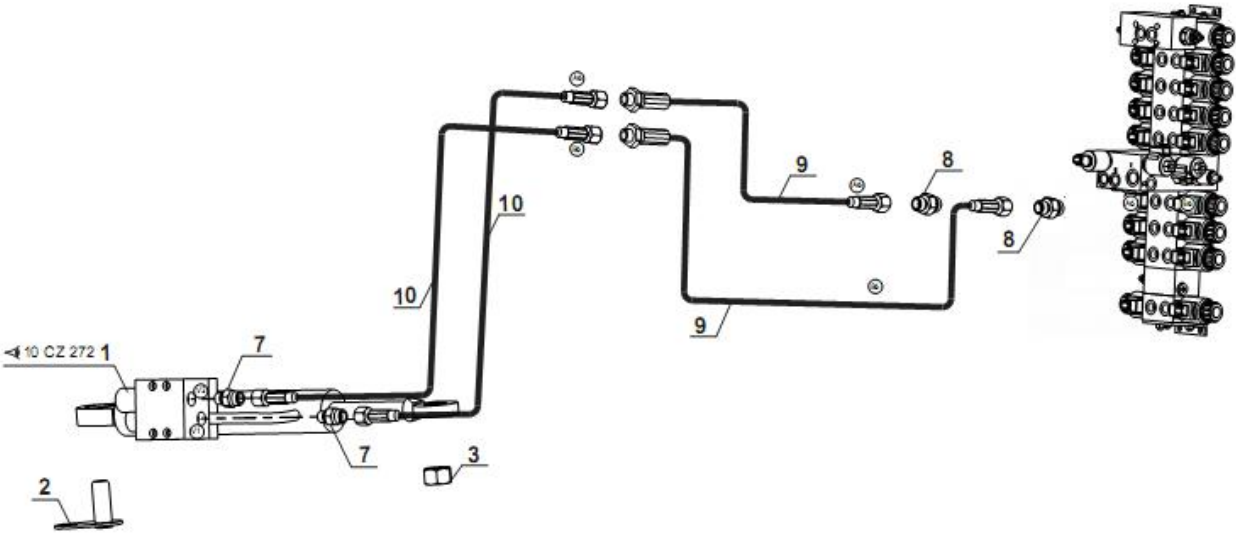
| 序号<br>Item<br>No. | 代号<br>Part No.       | 名称<br>Description                                    | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|----------------------|------------------------------------------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ120-610100-G00   | 油箱体<br>Oil tank                                      | 1         |                                     | 226100000014    |
| 2                 | JT-111230-G00        | 过渡接头<br>Connection                                   | 1         |                                     | 226000040025    |
| 3                 | GTHZ120-640003-G00   | 三通接头<br>Connection                                   | 1         |                                     | 226000040030    |
| 4                 | JT-110824-G00        | 过渡接头<br>Connection                                   | 2         |                                     | 226000040010    |
| 5                 | G250-600011-G00      | 测压接头<br>Connection<br>(Pressure test)                | 1         |                                     | 206500230009    |
| 8                 | HS1416TPI-710200-G00 | 油泵电机<br>Electric motor                               | 1         |                                     | 227700010003    |
| 9                 | GTHZ170-610600-G01   | 液压阀组<br>Valve bank                                   | 1         |                                     |                 |
| 10                | XSD090-622000-000    | 齿轮泵<br>Hydraulic pump                                | 1         |                                     | 226500010002    |
| 11                | JT-110624-G00        | 过渡接头<br>Connection                                   | 1         |                                     | 226000040025    |
| 12                | JT-202424-G00        | 直角接头<br>Connection                                   | 1         |                                     | 226000040010    |
| 13                | GTHZ170-630008-001   | 高压胶管<br>Hose                                         | 1         |                                     | 226300010111    |
| 14                | GTHZ170-630011-000   | 高压胶管<br>Hose                                         | 1         |                                     | 226300010066    |
| 15                | GTHZ170-630014-001   | 高压胶管<br>Hose                                         | 1         |                                     | 226300010121    |
| 16                | GTHZ120-600002-G00   | 回油过滤器<br>Cartridge<br>hydraulic return<br>oil filter | 1         |                                     | 226000050021    |
| 17                | TM450B1-G00          | 空气呼吸过滤器<br>Air breather                              | 1         |                                     | 206500110004    |
| 18                | JT-410004-G00        | 螺纹堵头<br>Plug                                         | 1         |                                     | 226000040015    |
| 19                | JT-111224-G00        | 过渡接头<br>Connection                                   | 1         |                                     |                 |

图 5-3 液压油路-塔身旋转油路



| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description  | 数量<br>Qty | 备注或适用车型<br>Remarks or Series<br>No. | 物料码<br>Code No. |
|-------------------|--------------------|--------------------|-----------|-------------------------------------|-----------------|
| 1                 | JT-110616-G00      | 过渡接头<br>Connection | 2         |                                     | 226100040024    |
| 2                 | GTHZ120-630016-000 | 高压胶管 Hose          | 2         | GTHZ120                             | 226300010035    |
|                   | GTHZ170-630010-001 | 高压胶管 Hose          | 2         | GTHZ170/GTHZ170C                    | 226300010122    |
| 3                 | JT-111416-G00      | 过渡接头<br>Connection | 2         |                                     | 226000040132    |

图 5-4 液压油路-围栏旋转油路 (GTHZ120)



| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description           | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-----------------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ120-620700-000 | 围栏旋转油缸<br>Rotation cylinder | 1         | GTHZ120<br>HZ170P                   | 226200070006    |
| 2                 | GTHZ120-800100-000 | 销轴<br>Articulating pin      | 1         |                                     | 228000000011    |
| 3                 | GB/T889.1-2000     | 螺母 M20<br>Nut M20           | 1         |                                     | 300020150016    |
| 7                 | JT-110416-G00      | 过渡接头<br>Connection          | 2         |                                     | 226000040006    |
| 8                 | JT-110616-G00      | 过渡接头<br>Connection          | 2         |                                     | 226000040024    |
| 9                 | GTHZ120-630027-000 | 高压胶管<br>Hose                | 2         | GTHZ120                             | 226300010054    |
| 10                | GTHZ120-630002-000 | 高压胶管<br>Hose                | 2         | GTHZ120                             | 226300010011    |

图 5-5 液压油路-围栏旋转油路 (GTHZ170/GTHZ170C)

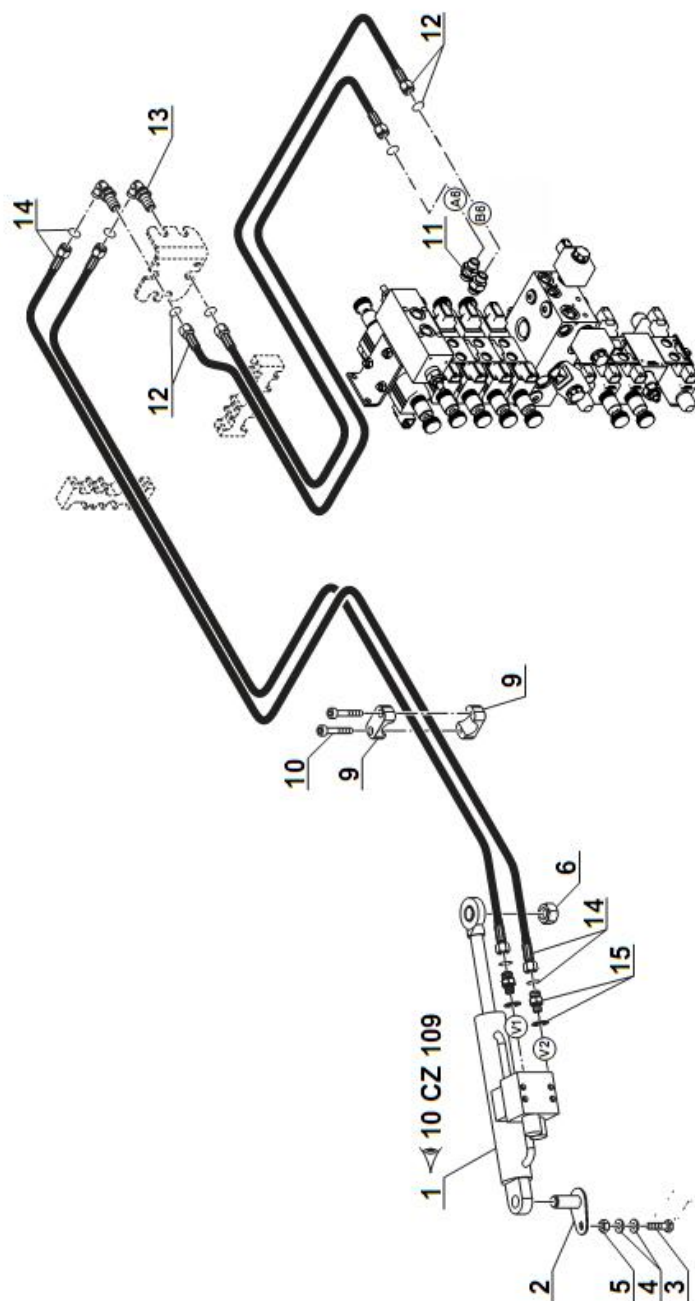
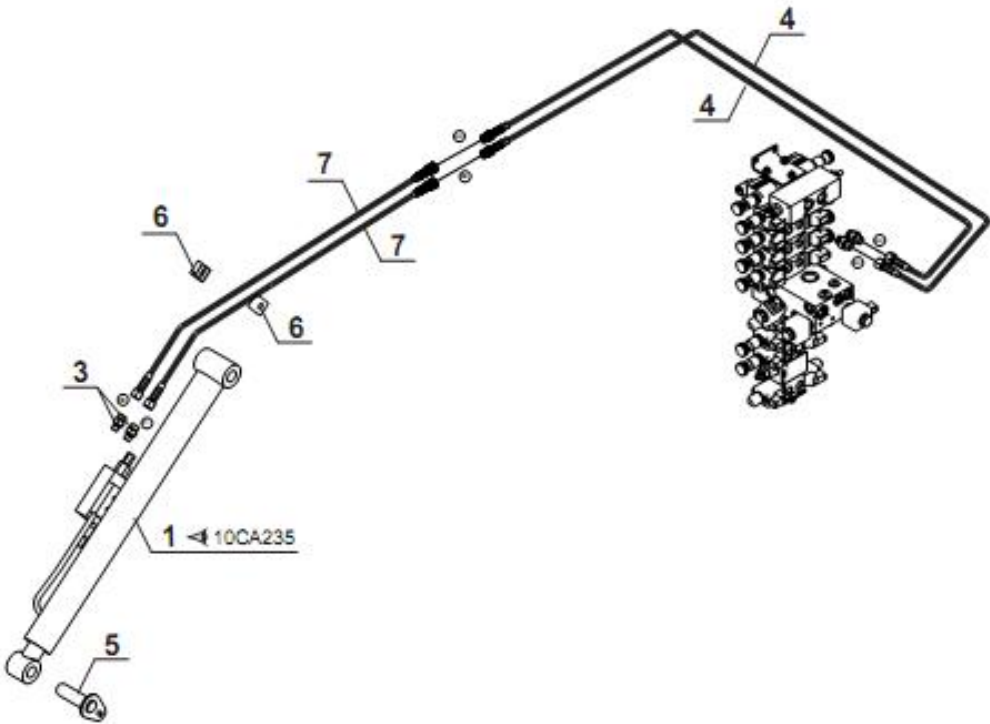


图 5-5 液压油路-围栏旋转油路 (GTHZ170/GTHZ170C)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description           | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-----------------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ120-620700-000 | 围栏旋转油缸<br>Rotation cylinder | 1         |                                     | 226200070006    |
| 2                 | GTHZ120-800100-000 | 销轴<br>Articulating pin      | 1         |                                     | 228000000011    |
| 3                 | GB5783-86          | 螺栓 M8×30<br>Screw M8×30     | 1         | 8.8 级                               | 300010040178    |
| 4                 | GB96-85            | 垫圈 8<br>Washer 8            | 2         |                                     | 300030190008    |
| 5                 | GB889-86           | 螺母 M8<br>Nut M8             | 1         |                                     | 300020150004    |
| 6                 | GB/T889.1-2000     | 螺母 M20<br>Nut M20           | 1         |                                     | 300020150016    |
| 9                 | GTHZ120-650001-G00 | 管夹组合<br>clamp               | 1         |                                     | 226000020001    |
| 11                | JT-110616-G00      | 过渡接头<br>Connection          | 2         |                                     | 226000040024    |
| 12                | GTHZ170-630005-000 | 高压胶管<br>Hose                | 2         | GTHZ170/GTHZ170C                    | 226300010061    |
| 13                | JT-201616-G00      | 直角接头<br>Connection          | 2         |                                     | 226000040012    |
| 14                | GTHZ170-630002-000 | 高压胶管<br>Hose                | 2         | GTHZ170/GTHZ170C                    | 226300010058    |
| 15                | JT-110416-G00      | 过渡接头<br>Connection          | 2         |                                     | 226000040006    |

图 5-6 液压油路-摆臂油路（GTHZ120）



| 序号<br>Item No. | 代号<br>Part No.     | 名称<br>Description             | 数量<br>Qty | 备注或适用车型<br>Remarks or Series No. | 物料码<br>Code No. |
|----------------|--------------------|-------------------------------|-----------|----------------------------------|-----------------|
| 1              | GTHZ120-620300-000 | 摆臂油缸<br>Pendular arm cylinder | 1         |                                  | 226200070004    |
| 3              | JT-110416-G00      | 过渡接头<br>Connection            | 2         |                                  | 226000040006    |
| 4              | GTHZ120-630026-000 | 高压胶管<br>Hose                  | 2         |                                  | 226300010053    |
| 5              | GTHZ120-901400-000 | 销轴<br>Articulating pin        | 1         |                                  | 229000000022    |
| 6              | GTHZ120-650003-G00 | 管夹组合<br>clamp                 | 1         |                                  | 226000020003    |
| 7              | GTHZ120-630004-000 | 高压胶管<br>Hose                  | 2         |                                  | 226300010023    |



图 5-7 液压油路-摆臂油路 (GTHZ170/GTHZ170C)

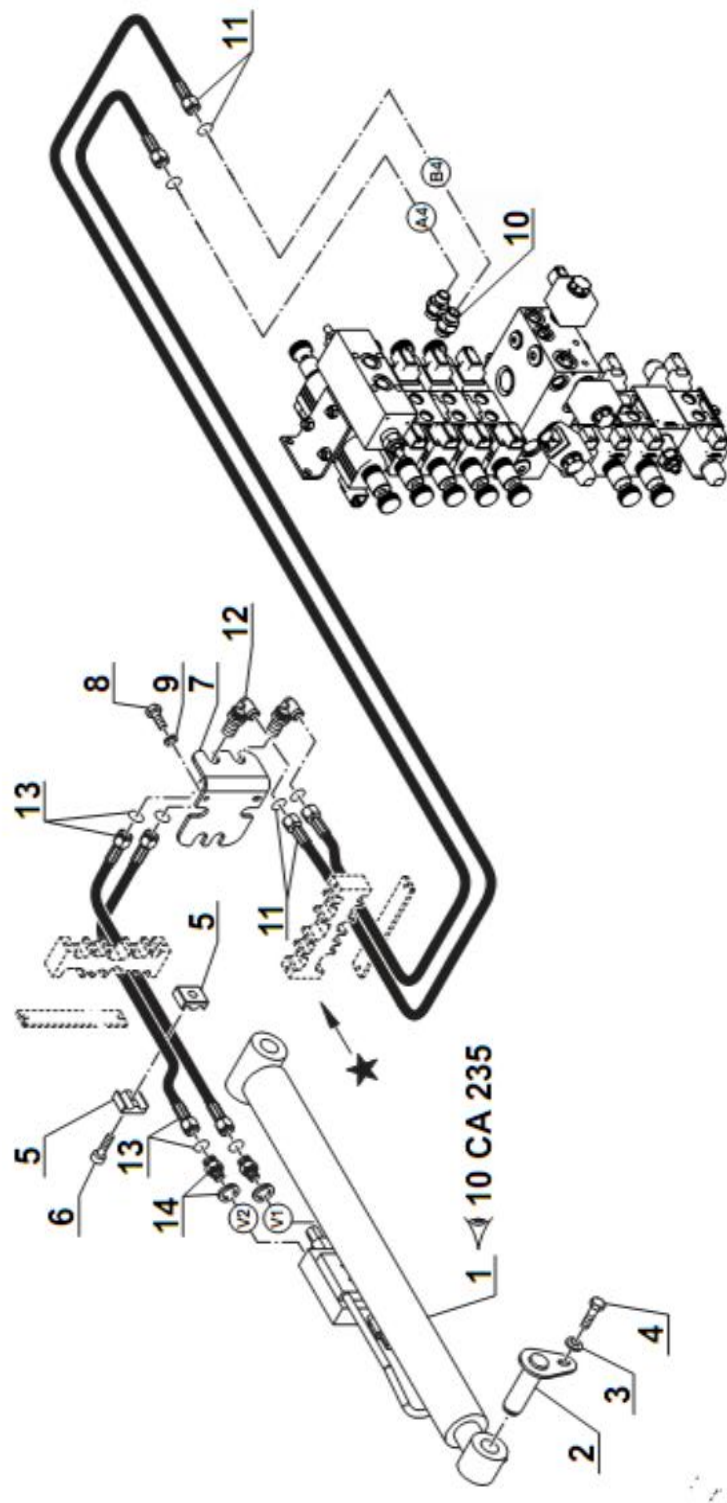


图 5-7 液压油路-摆臂油路 (GTHZ170/GTHZ170C)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description             | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-------------------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ120-620300-000 | 摆臂油缸<br>Pendular arm cylinder | 1         |                                     | 226200070004    |
| 2                 | GTHZ120-901400-000 | 销轴<br>Articulating pin        | 1         |                                     | 229000000022    |
| 3                 | GB5783-86          | 螺栓 M8×20<br>Screw M8×20       | 1         | M8×20                               | 300010040173    |
| 4                 | GB96-85            | 垫圈 8 Washer 8                 | 1         |                                     | 300030190008    |
|                   | GB93-87            | 垫圈 8 Washer 8                 | 1         |                                     | 300030010015    |
| 5                 | GTHZ120-650003-G00 | 管夹组合<br>clamp                 | 1         |                                     | 226000020003    |
| 7                 | GTHZ170-902200-000 | 上关节胶管固定板<br>Bracket hose      | 1         |                                     | 229000040044    |
| 8                 | GB5783-86          | 螺栓 M6×16<br>Screw M6×16       | 2         | 8.8 级                               | 300010040148    |
| 9                 | GB93-87            | 垫圈 6 Washer 6                 | 2         |                                     | 300030010014    |
|                   | GB96-85            | 垫圈 6 Washer 6                 | 2         |                                     | 300030190007    |
| 10                | JT-110616-G00      | 过渡接头<br>Connection            | 2         |                                     | 226000040024    |
| 11                | GTHZ170-630005-000 | 高压胶管<br>Hose                  | 2         |                                     | 226300010061    |
| 12                | JT-201616-G00      | 直角接头<br>Connection            | 2         |                                     | 226000040012    |
| 13                | GTHZ170-630003-000 | 高压胶管<br>Hose                  | 2         |                                     | 226300010059    |
| 14                | JT-110416-G00      | 过渡接头<br>Connection            | 2         |                                     | 226000040006    |

图 5-8 液压油路-伸缩臂油路 (GTHZ120)

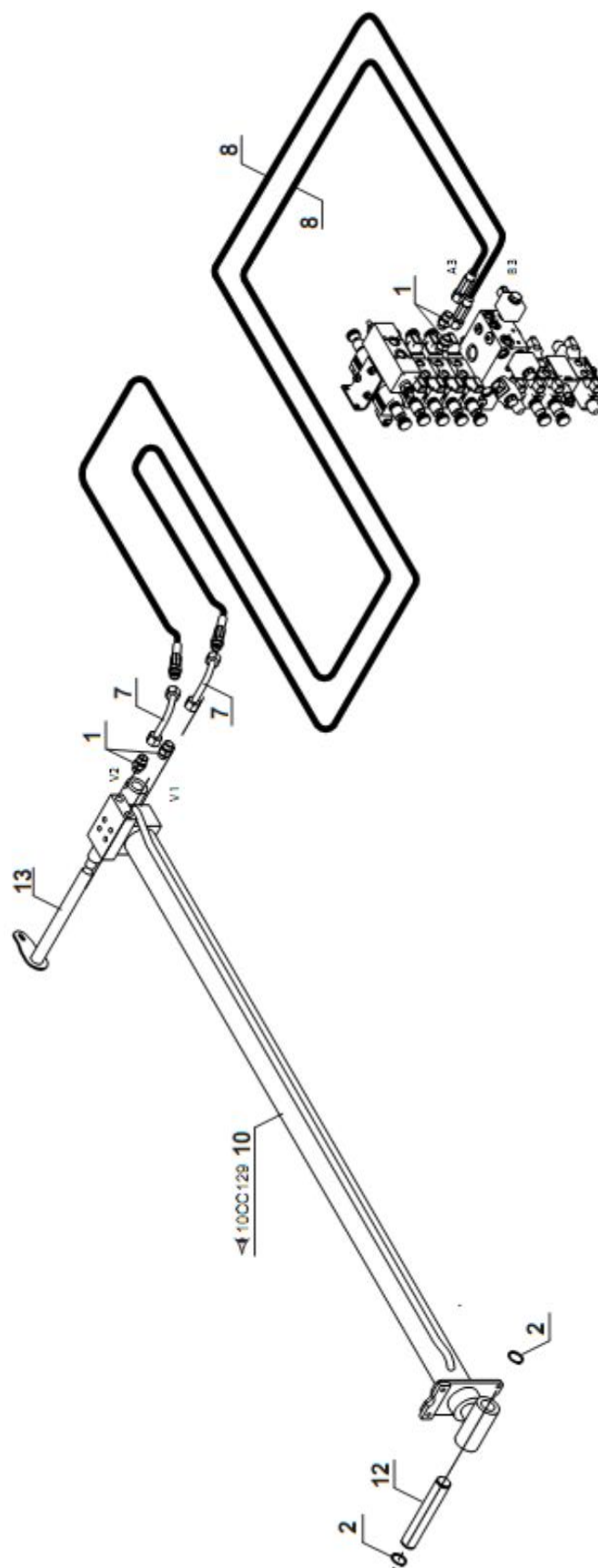


图 5-8 液压油路-伸缩臂油路（GTHZ120）

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description           | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-----------------------------|-----------|-------------------------------------|-----------------|
| 1                 | JT-110620-G00      | 过渡接头<br>Connection          | 4         |                                     | 226000040007    |
| 2                 | GB894. 1-86        | 轴用弹性挡圈-A 型 30<br>Circlip 30 | 2         |                                     | 300060030014    |
| 7                 | GTHZ120-640002-G00 | 接头<br>Hydraulic tube        | 2         |                                     | 226000040028    |
| 8                 | GTHZ120-630024-000 | 高压胶管<br>Hose                | 2         |                                     | 226300010051    |
| 10                | GTHZ120-620400-000 | 伸缩臂油缸<br>Telescope cylinder | 1         | GTHZ120                             | 226200030001    |
| 12                | GTHZ120-900800-000 | 轴<br>Articulating pin       | 1         |                                     | 229000050038    |
| 13                | GTHZ120-900700-000 | 销轴<br>Articulating pin      | 1         |                                     | 229000000017    |

图 5-9 液压油路-伸缩臂油路 (GTHZ170/GTHZ170C)

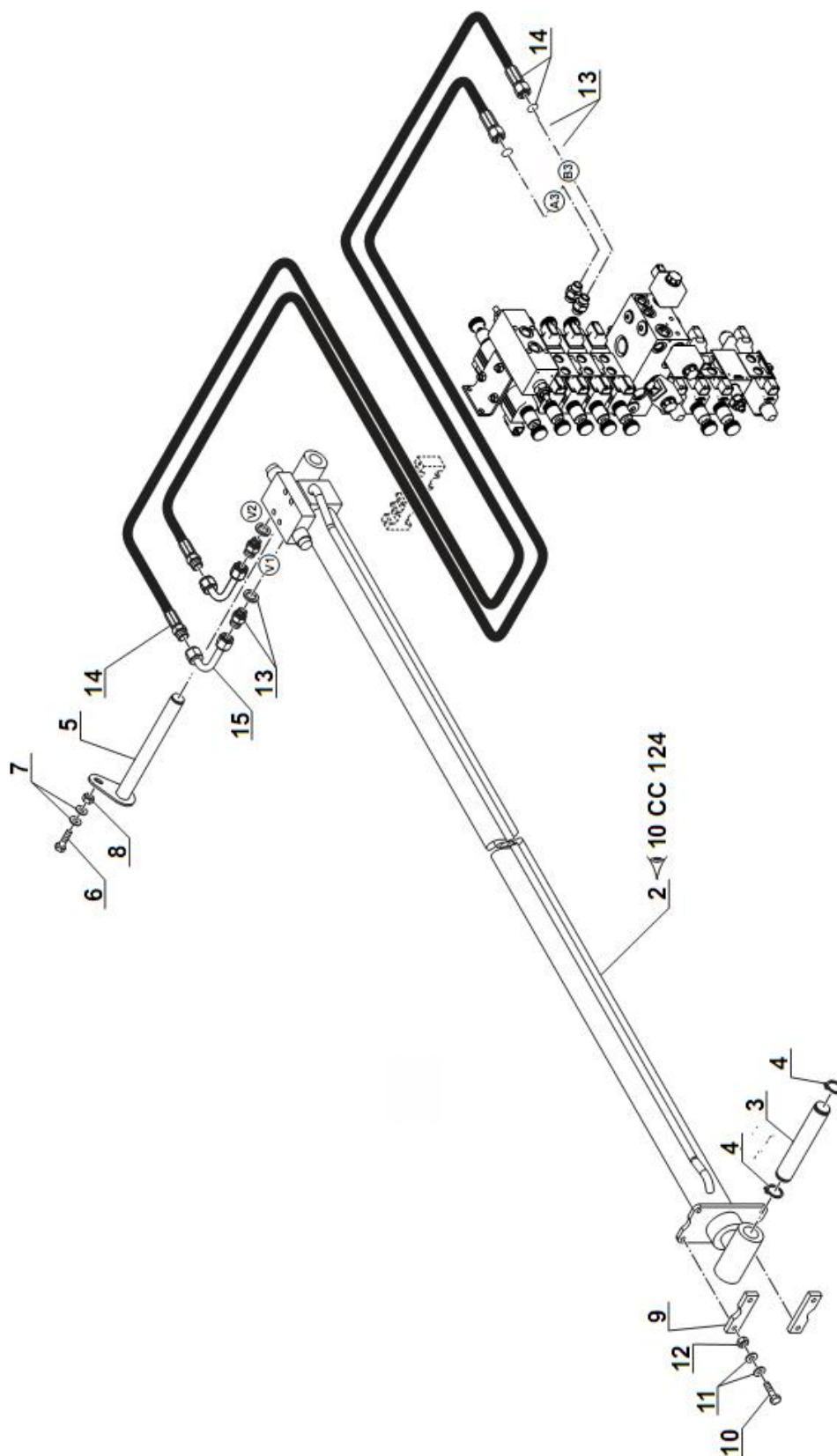


图 5-9 液压油路-伸缩臂油路 (GTHZ170/GTHZ170C)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description           | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-----------------------------|-----------|-------------------------------------|-----------------|
| 2                 | GTHZ170-620400-G00 | 伸缩臂油缸<br>Telescope cylinder | 1         | GTHZ170/GTHZ170C                    | 226200070009    |
| 3                 | GTHZ120-900800-000 | 轴<br>Articulating pin       | 1         |                                     | 229000050038    |
| 4                 | GB894.1-86         | 轴用弹性挡圈-A 型 30<br>Circlip 30 | 2         |                                     | 300060030014    |
| 5                 | GTHZ170-901200-000 | 销轴<br>Articulating pin      | 1         |                                     | 229000000040    |
| 6                 | GB5783-86          | 螺栓 M8×30<br>Screw M8×30     | 1         | 8.8 级                               | 300010040178    |
| 7                 | GB96-85            | 垫圈 8<br>Washer 8            | 2         |                                     | 300030190008    |
| 8                 | GB889-86           | 螺母 M8<br>Nut M8             | 1         |                                     | 300020150004    |
| 9                 | GTHZ120-903500-000 | 伸缩臂油缸滑块<br>Slide block      | 2         |                                     | 229000090009    |
| 10                | GB5783-86          | 螺栓 M8×35<br>Screw M8×35     | 4         |                                     | 300010040180    |
| 11                | GB97.1-85          | 垫圈 8<br>Washer 8            | 8         |                                     | 300030040014    |
| 12                | GB889-86           | 螺母 M8<br>Nut M8             | 4         |                                     | 300020150004    |
| 13                | JT-110620-G00      | 过渡接头<br>Connection          | 4         |                                     | 226000040007    |
| 14                | GTHZ170-630006-000 | 高压胶管<br>Hose                | 2         |                                     | 226300010073    |
| 15                | GTHZ170-600012-G00 | 弯管接头<br>Hydraulic tube      | 1         |                                     | 226000040036    |

图 5-10 液压油路-调平油路（GTHZ120）

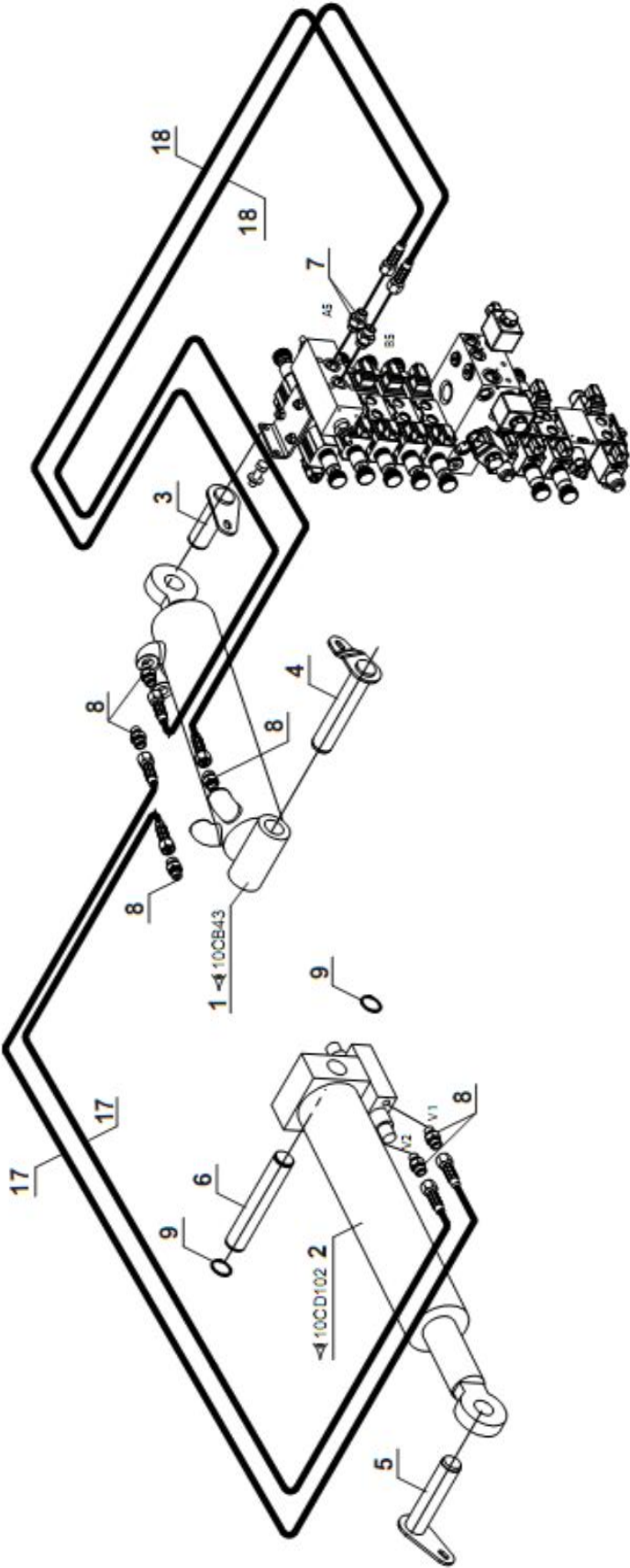


图 5-10 液压油路-调平油路 (GTHZ120)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description             | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-------------------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ120-620100-000 | 倾斜油缸<br>Compensation cylinder | 1         |                                     | 226200040004    |
| 2                 | GTHZ120-620200-000 | 调平油缸<br>Tilting cylinder      | 1         |                                     | 226200050001    |
| 3                 | GTHZ120-900600-000 | 销轴<br>Articulating pin        | 1         |                                     | 229000000016    |
| 4                 | GTHZ120-900500-000 | 销轴<br>Articulating pin        | 1         |                                     | 229000000015    |
| 5                 | GTHZ120-901100-000 | 销轴<br>Articulating pin        | 1         |                                     | 229000000019    |
| 6                 | GTHZ120-900800-000 | 轴<br>Articulating pin         | 1         |                                     | 229000050038    |
| 7                 | JT-110616-G00      | 过渡接头<br>Connection            | 2         |                                     | 226000040024    |
| 8                 | JT-110416-G00      | 过渡接头<br>Connection            | 6         |                                     | 226000040006    |
| 9                 | GB894. 1-86        | 轴用弹性挡圈-A 型 30<br>Circlip 30   | 2         |                                     | 300060030014    |
| 17                | GTHZ120-630001-000 | 高压胶管<br>Hose                  | 2         |                                     | 226300010010    |
| 18                | GTHZ120-630025-000 | 高压胶管<br>Hose                  | 2         |                                     | 226300010052    |



图 5-11 液压油路-调平油路 (GTHZ170/GTHZ170C)

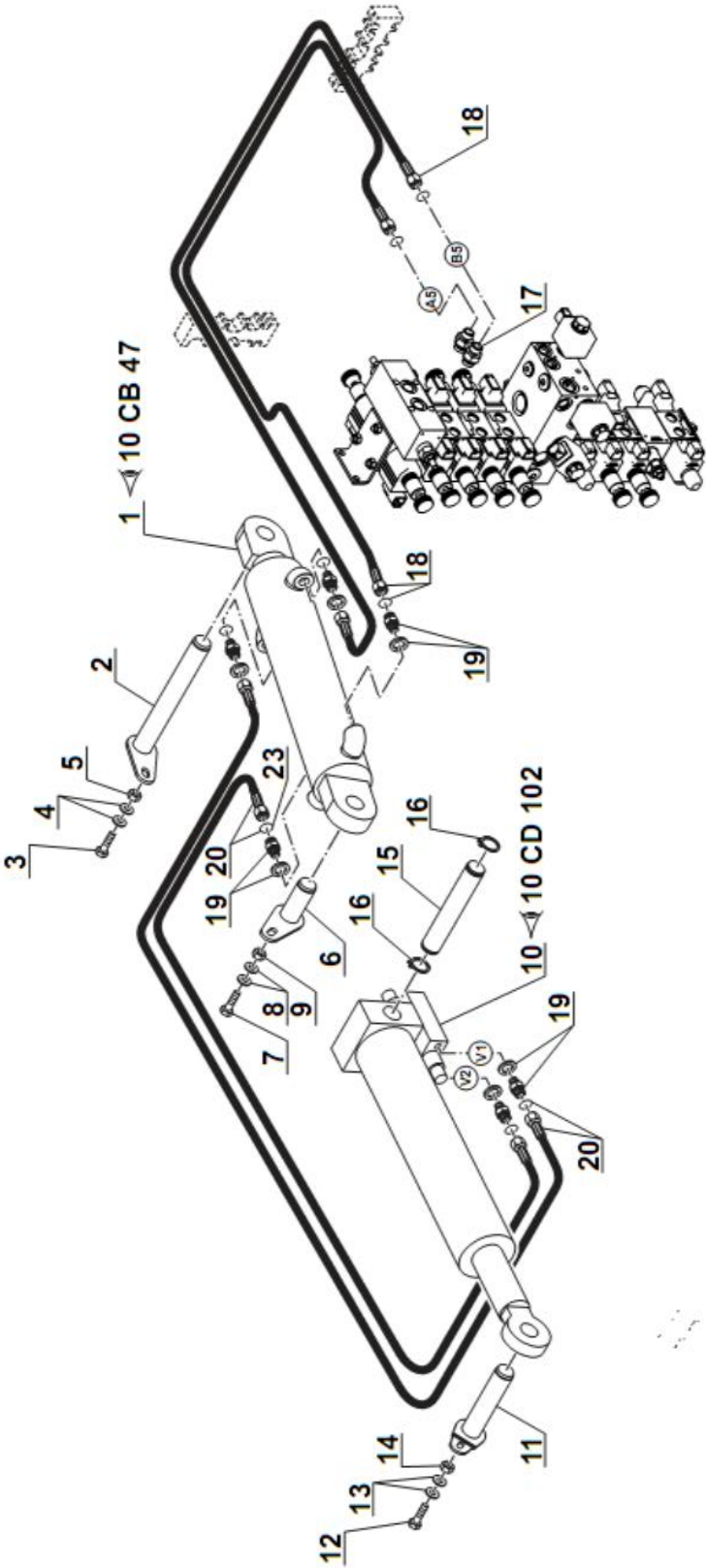


图 5-11 液压油路-调平油路 (GTHZ170/GTHZ170C)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description             | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-------------------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ120-620100-000 | 倾斜油缸<br>Compensation cylinder | 1         |                                     | 226200040004    |
| 2                 | GTHZ170-900700-000 | 销轴<br>Articulating pin        | 1         |                                     | 2290000000036   |
| 3                 | GB5783-86          | 螺栓 M8×30<br>Screw M8×30       | 1         | 8.8 级                               | 300010040178    |
| 4                 | GB96-85            | 垫圈 8<br>Washer 8              | 2         |                                     | 300030190008    |
| 5                 | GB889-86           | 螺母 M8<br>Nut M8               | 1         |                                     | 300020150004    |
| 6                 | GTHZ170-900900-000 | 销轴<br>Articulating pin        | 1         |                                     | 2290000000038   |
| 7                 | GB5783-86          | 螺栓 M8×30<br>Screw M8×30       | 1         | 8.8 级                               | 300010040178    |
| 8                 | GB96-85            | 垫圈 8<br>Washer 8              | 2         |                                     | 300030190008    |
| 9                 | GB889-86           | 螺母 M8<br>Nut M8               | 1         |                                     | 300020150004    |
| 10                | GTHZ120-620200-000 | 调平油缸<br>Tilting cylinder      | 1         |                                     | 226200050001    |
| 11                | GTHZ120-901100-000 | 销轴<br>Articulating pin        | 1         |                                     | 2290000000019   |
| 12                | GB5783-86          | 螺栓 M8×30<br>Screw M8×30       | 1         | 8.8 级                               | 300010040178    |
| 13                | GB96-85            | 垫圈 8<br>Washer 8              | 2         |                                     | 300030190008    |
| 14                | GB889-86           | 螺母 M8<br>Nut M8               | 1         |                                     | 300020150004    |
| 15                | GTHZ120-900800-000 | 轴<br>Articulating pin         | 1         |                                     | 229000050038    |
| 16                | GB894.1-86         | 轴用弹性挡圈-A 型 30<br>Circlip 30   | 2         |                                     | 300060030014    |
| 17                | JT-110616-G00      | 过渡接头<br>Connection            | 2         |                                     | 226000040024    |
| 18                | GTHZ170-630004-000 | 高压胶管<br>Hose                  | 2         |                                     | 226300010060    |

图 5-11 液压油路-调平油路（GTHZ170/GTHZ170C）

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description  | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|--------------------|-----------|-------------------------------------|-----------------|
| 19                | JT-110416-G00      | 过渡接头<br>Connection | 6         |                                     | 226000040006    |
| 20                | GTHZ170-630001-000 | 高压胶管<br>Hose       | 2         |                                     | 226300010057    |

图 5-12 液压油路-起升油路 (GTHZ120)

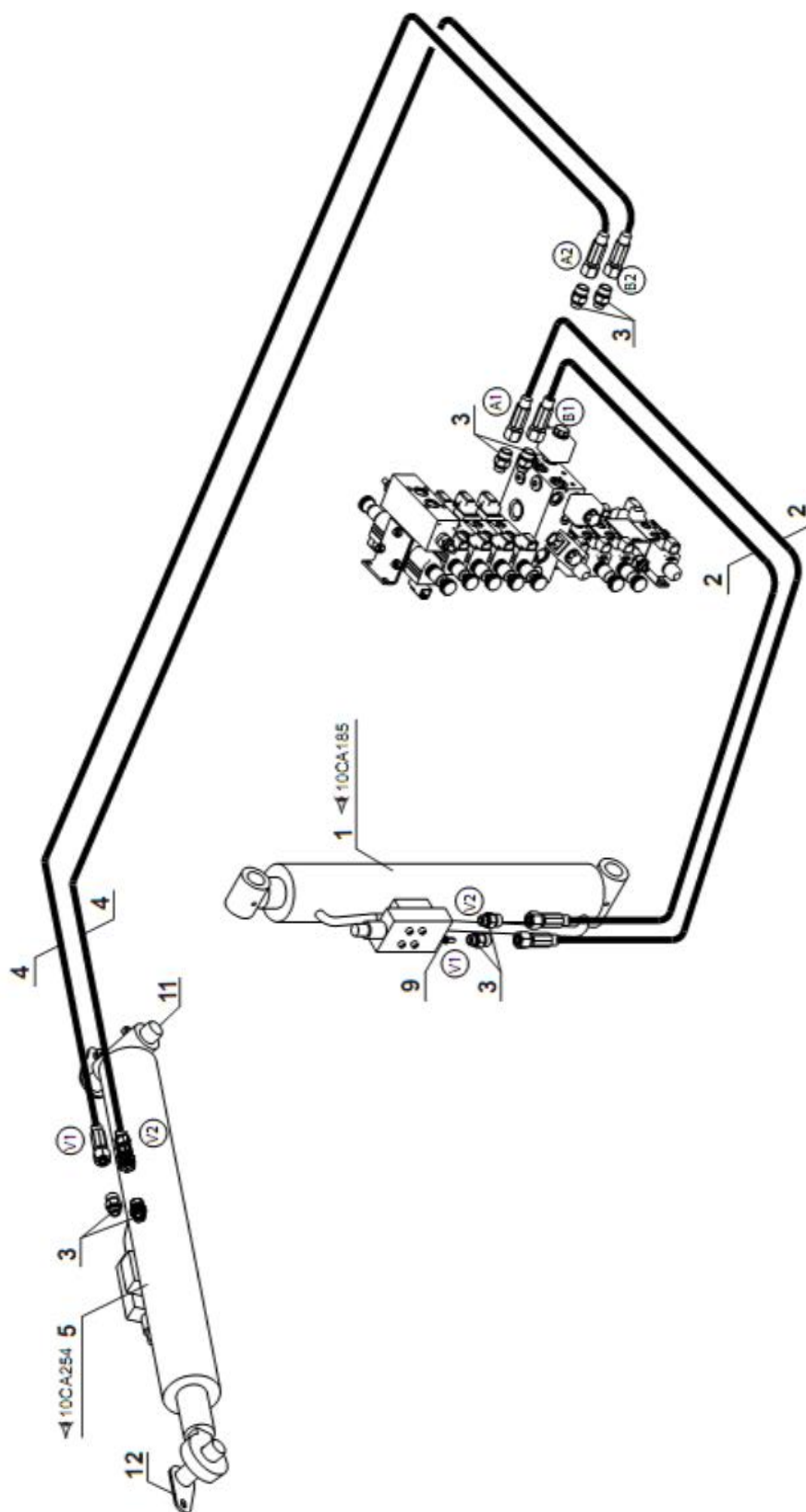


图 5-12 液压油路-起升油路（GTHZ120）

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description       | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-------------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ120-620600-000 | 下油缸<br>Lifting cylinder | 1         |                                     | 226200070005    |
| 2                 | GTHZ120-630022-000 | 高压胶管<br>Hose            | 2         |                                     | 226300010049    |
| 3                 | JT-110620-G00      | 过渡接头<br>Connection      | 8         |                                     | 226000040007    |
| 4                 | GTHZ120-630023-000 | 高压胶管<br>Hose            | 2         |                                     | 226300010050    |
| 5                 | GTHZ120-620500-000 | 上油缸<br>Lifting cylinder | 1         |                                     | 226200070003    |
| 9                 | 78XEN-600001-G00   | 限速钉<br>Jet              | 1         |                                     | 226000050002    |
| 11                | GTHZ120-900500-000 | 销轴<br>Articulating pin  | 1         |                                     | 229000000015    |
| 12                | GTHZ120-900600-000 | 销轴<br>Articulating pin  | 1         |                                     | 229000000016    |

图 5-13 液压油路-起升油路 (GTHZ170/GTHZ170C)

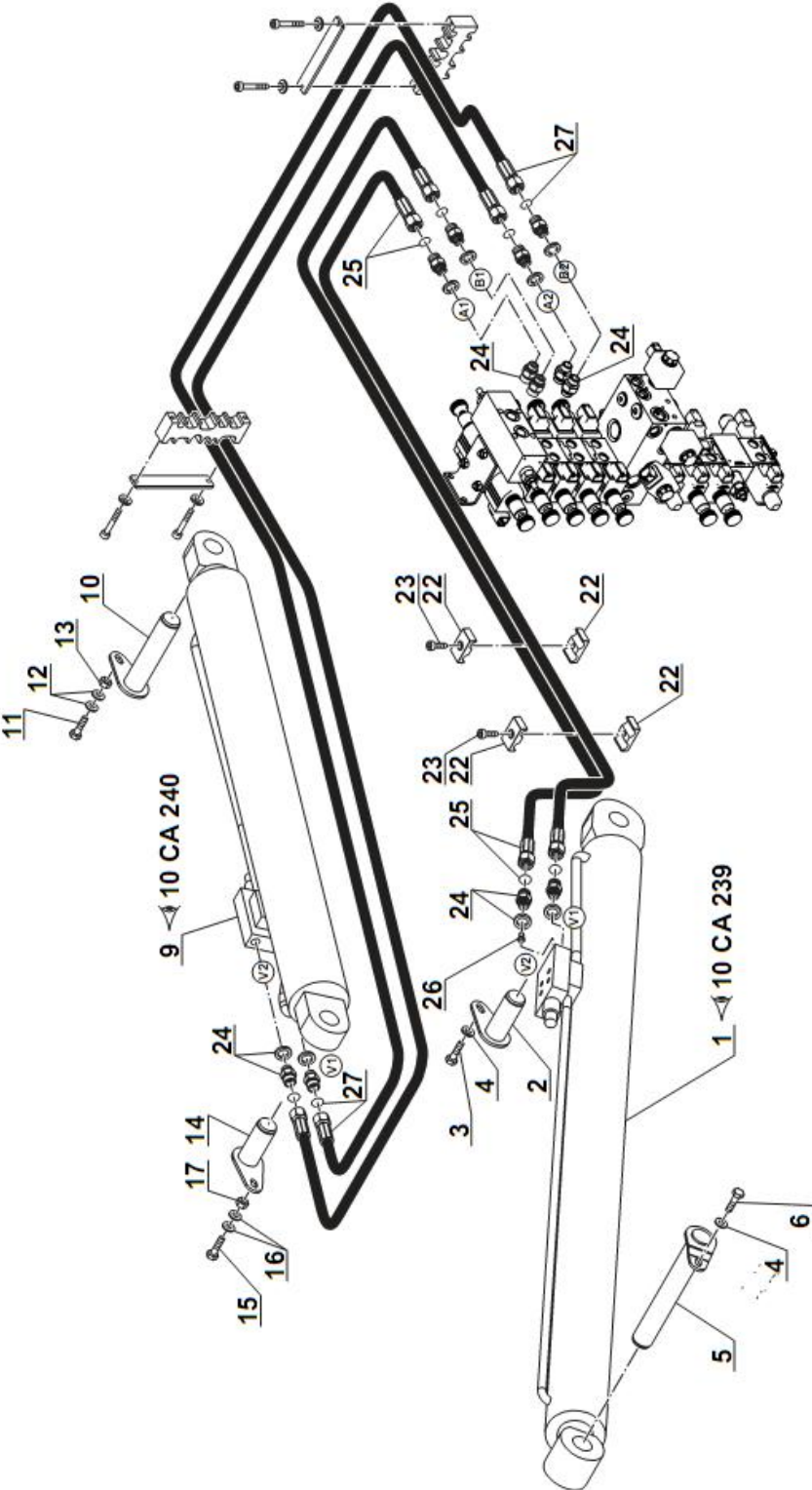


图 5-13 液压油路-起升油路 (GTHZ170/GTHZ170C)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description              | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No.              |
|-------------------|--------------------|--------------------------------|-----------|-------------------------------------|------------------------------|
| 1                 | GTHZ170-620600-G00 | 下油缸<br>Lifting cylinder        | 1         |                                     | 226200070007                 |
| 2                 | GTHZ170-900400-000 | 销轴<br>Articulating pin         | 1         |                                     | 229000000033                 |
| 3                 | GB5783-86          | 螺栓 M8×20<br>Screw M8×20        | 1         | M8×20                               | 300010040173                 |
| 4                 | GB96-85<br>GB93-87 | 垫圈 8 Washer 8<br>垫圈 8 Washer 8 | 2<br>2    |                                     | 300030190008<br>300030010015 |
| 5                 | GTHZ170-900500-000 | 销轴<br>Articulating pin         | 1         |                                     | 229000000034                 |
| 6                 | GB5783-86          | 螺栓 M8×20<br>Screw M8×20        | 1         | M8×20                               | 300010040173                 |
| 9                 | GTHZ170-620500-G00 | 上油缸<br>Lifting cylinder        | 1         |                                     | 226200070008                 |
| 10                | GTHZ170-900800-000 | 销轴<br>Articulating pin         | 1         |                                     | 229000000037                 |
| 11                | GB5783-86          | 螺栓 M8×30<br>Screw M8×30        | 1         | 8.8 级                               | 300010040178                 |
| 12                | GB96-85            | 垫圈 8<br>Washer 8               | 2         |                                     | 300030190008                 |
| 13                | GB889-86           | 螺母 M8<br>Nut M8                | 1         |                                     | 300020150004                 |
| 14                | GTHZ170-901100-000 | 销轴<br>Articulating pin         | 1         |                                     | 229000000039                 |
| 15                | GB5783-86          | 螺栓 M8×30<br>Screw M8×30        | 1         | 8.8 级                               | 300010040178                 |
| 16                | GB96-85            | 垫圈 8<br>Washer 8               | 2         |                                     | 300030190008                 |
| 17                | GB889-86           | 螺母 M8<br>Nut M8                | 1         |                                     | 300020150004                 |
| 22                | GTHZ120-650003-G00 | 管夹组合<br>clamp                  | 2         |                                     | 226000020003                 |
| 24                | JT-110620-G00      | 过渡接头<br>Connection             | 6         |                                     | 226000040007                 |

图 5-13 液压油路-起升油路（GTHZ170/GTHZ170C）

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-------------------|-----------|-------------------------------------|-----------------|
| 25                | GTHZ170-630012-000 | 高压胶管<br>Hose      | 2         |                                     | 226300010067    |
| 26                | 78XEN-600001-G00   | 限速钉<br>Jet        | 1         |                                     | 226000050002    |
| 27                | GTHZ170-630007-000 | 高压胶管<br>Hose      | 2         |                                     | 226300010062    |



图 5-14 液压油路-转向油路

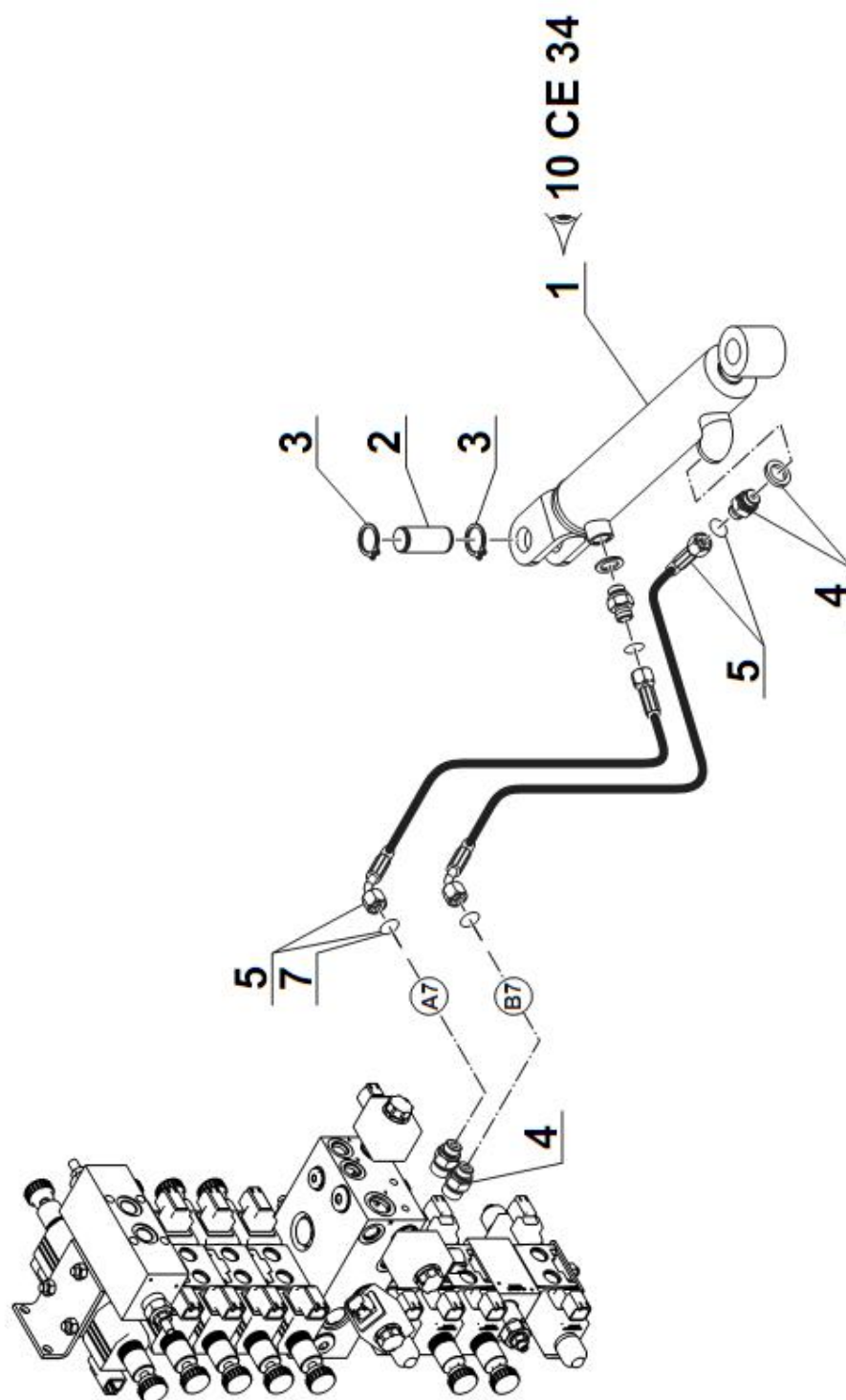


图 5-14 液压油路-转向油路

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description         | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|---------------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ120-620800-000 | 转向油缸<br>Steering cylinder | 1         |                                     | 226200020002    |
| 2                 | GTHZ120-200500-000 | 轴<br>Articulating pin     | 1         |                                     | 222200040005    |
| 3                 | GB894.1-86         | 挡圈 25<br>Circlip 25       | 2         |                                     | 300060030012    |
| 4                 | JT-110616-G00      | 过渡接头<br>Connection        | 4         |                                     | 226000040024    |
| 5                 | GTHZ120-630017-000 | 高压胶管<br>Hose              | 2         |                                     | 226300010036    |

图 5-15 液压油路-防倾翻油路 (GTHZ120)

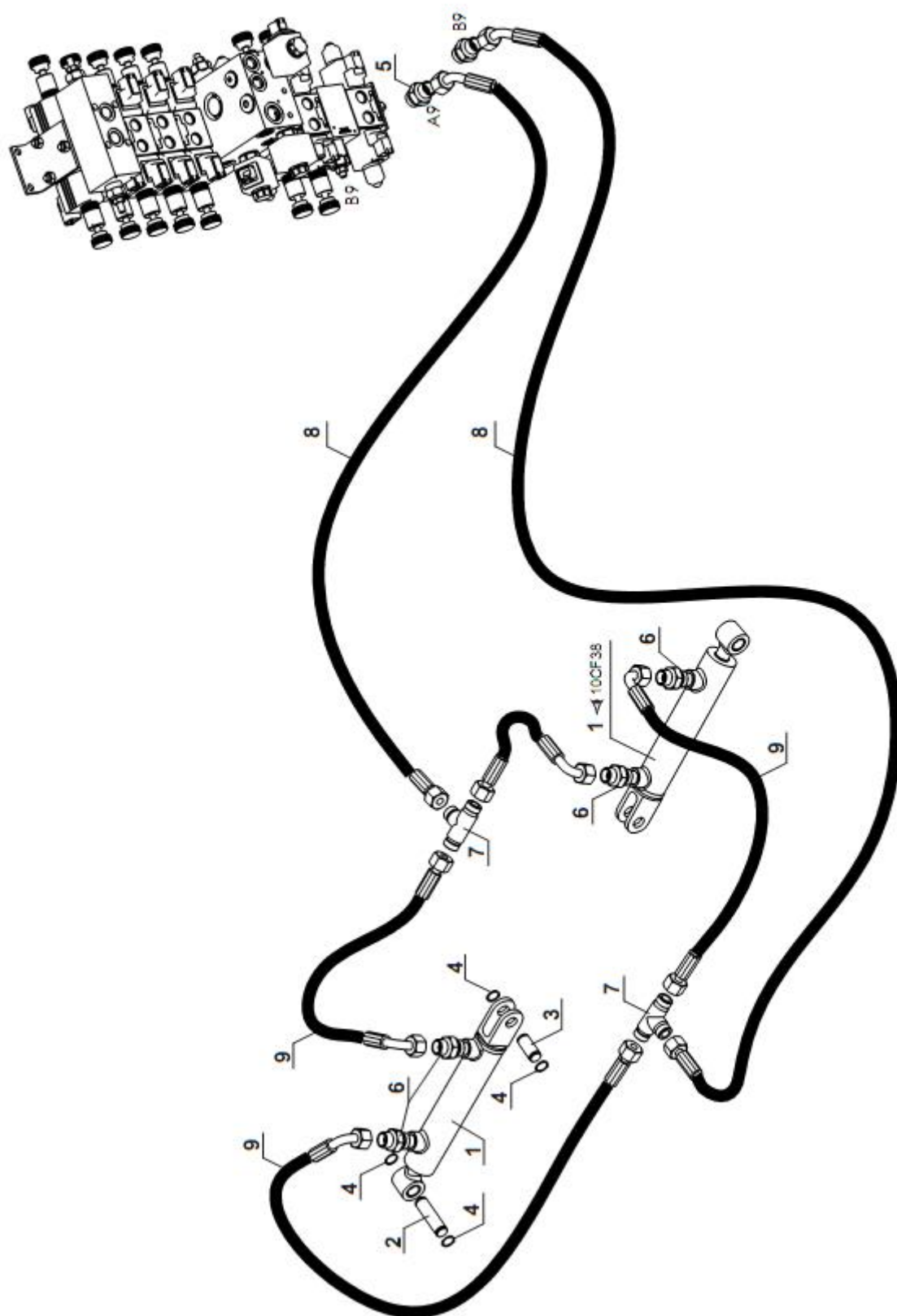


图 5-15 液压油路-防倾翻油路（GTHZ120）

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description               | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|---------------------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ120-620900-000 | 防倾翻油缸<br>Stabilizer<br>cylinder | 2         |                                     | 226200060001    |
| 2                 | GTHZ120-400200-000 | 轴<br>Articulating pin           | 2         |                                     | 224000050005    |
| 3                 | GTHZ120-400300-000 | 轴<br>Articulating pin           | 2         |                                     | 224000050006    |
| 4                 | GB894. 1-86        | 轴用弹性挡圈-A 型<br>16 Circlip 16     | 8         |                                     | 300060030008    |
| 5                 | JT-110616-G00      | 过渡接头<br>Connection              | 2         |                                     | 226000040024    |
| 6                 | JT-110416-G00      | 过渡接头<br>Connection              | 4         |                                     | 226000040006    |
| 7                 | JT-301616-G00      | 接头<br>Connection                | 2         |                                     | 226000040021    |
| 8                 | GTHZ120-630017-000 | 高压胶管<br>Hose                    | 2         |                                     | 226300010036    |
| 9                 | GTHZ120-630018-000 | 高压胶管<br>Hose                    | 2         |                                     | 226300010037    |

图 5-16 液压油路-手动释放油路

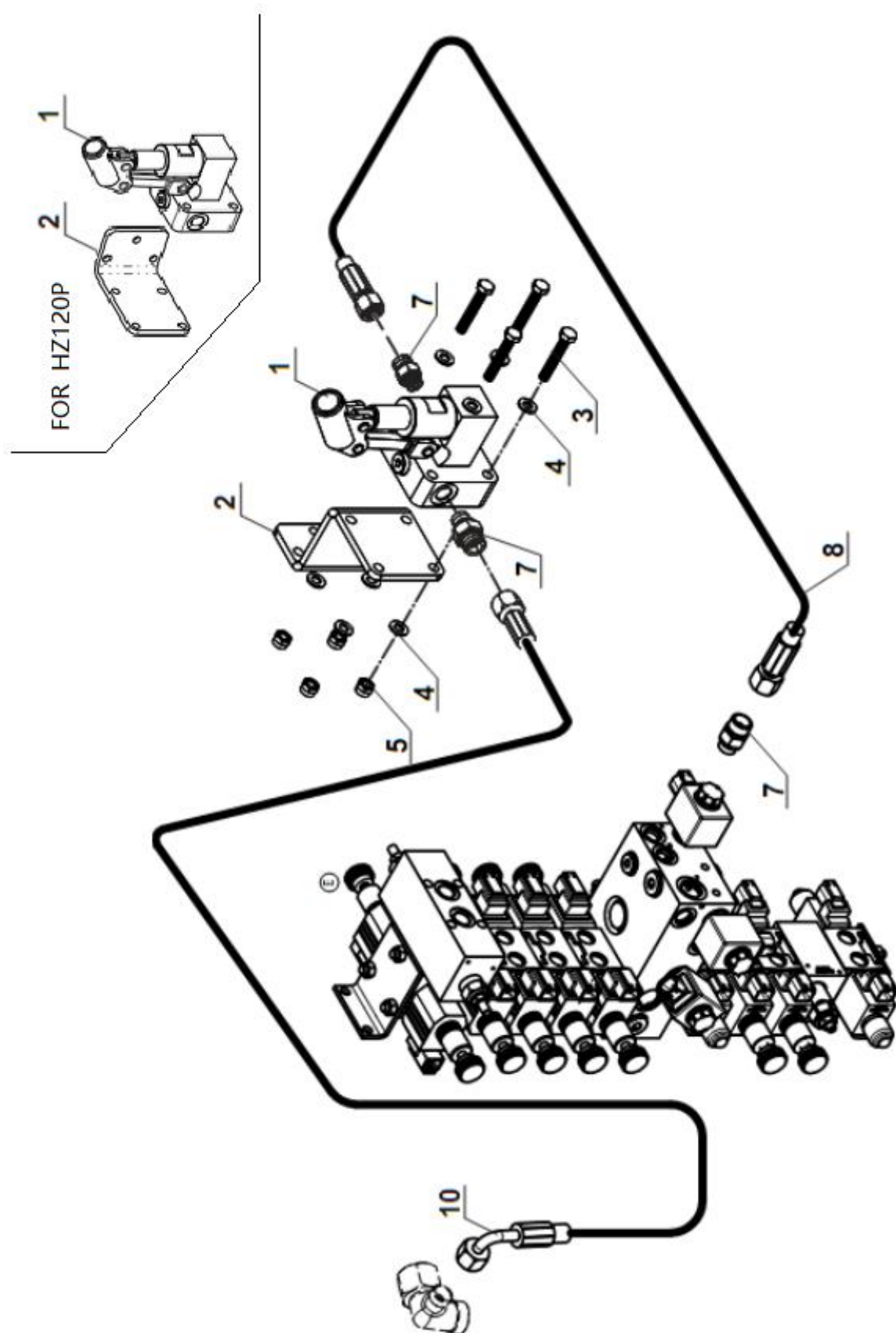
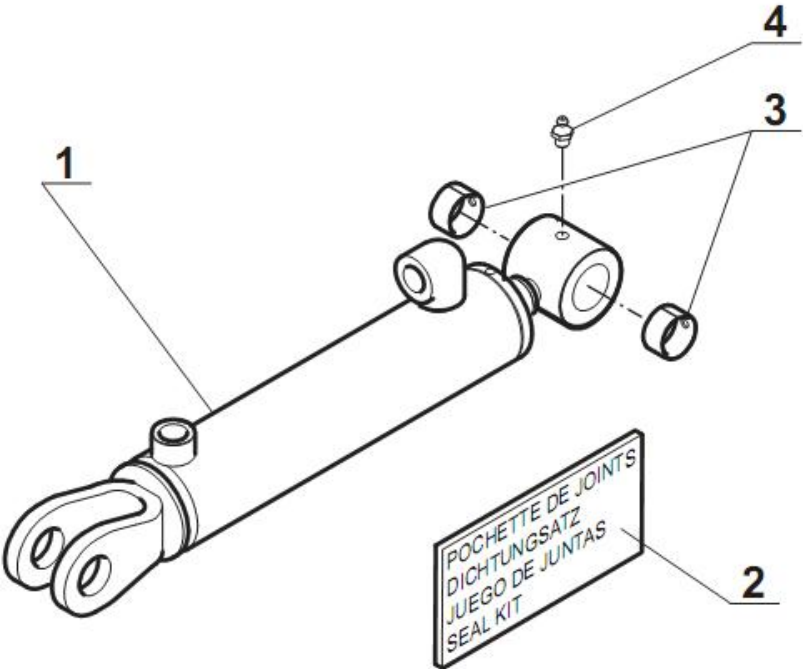


图 5-16 液压油路-手动释放油路

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description            | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|------------------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ120-610700-G00 | 手动泵<br>Pump manual           | 1         |                                     | 226500050002    |
| 2                 | GTHZ120-403100-001 | 手摇泵支架                        | 1         | GTHZ120                             |                 |
|                   | GTHZ170-401800-000 | 手动泵支架<br>Pump manual bracket | 1         | GTHZ170<br>GTHZ170C                 |                 |
| 3                 | GB5783-86          | 螺栓 M10×60<br>Screw M10×60    | 4         | 8.8 级                               | 300010040021    |
| 4                 | GB97.1-85          | 垫圈 10<br>Washer 8            | 8         |                                     | 300030040002    |
| 5                 | GB889-86           | 螺母 M10<br>Nut M10            | 4         |                                     | 300020150003    |
| 7                 | JT-101820-G00      | 过渡接头<br>Connection           | 3         |                                     | 226000040007    |
| 8                 | GTHZ120-630003-000 | 高压胶管<br>Hose                 | 1         |                                     | 226300010022    |
| 10                | GTHZ120-630019-000 | 高压胶管<br>Hose                 | 1         |                                     | 226300010038    |

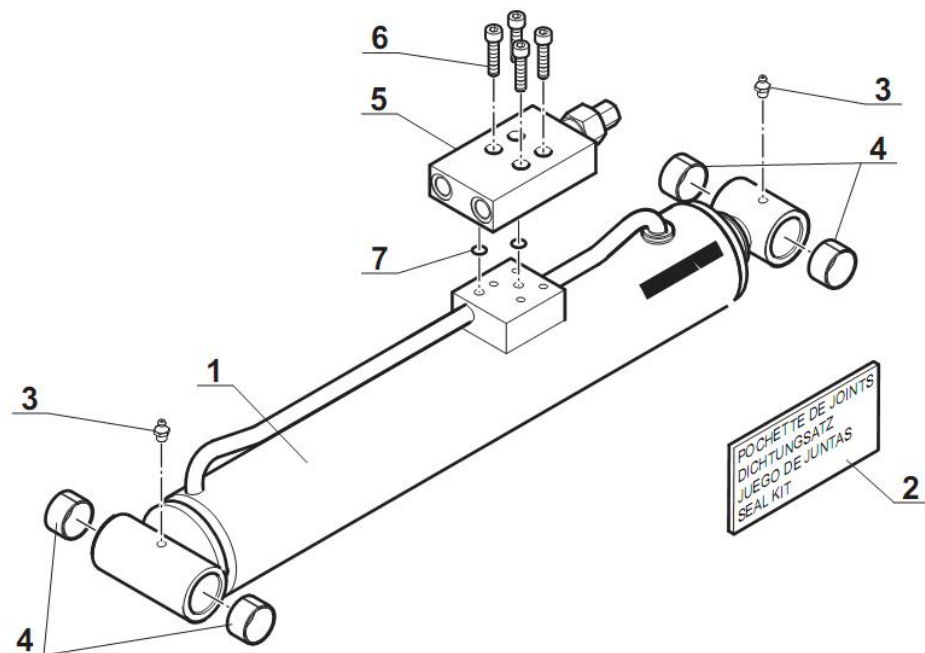
图 5-17 转向油缸组件



| 序号<br>Item No. | 代号<br>Part No.     | 名称<br>Description           | 数量<br>Qty | 备注或适用车型<br>Remarks or Series No. | 物料码<br>Code No. |
|----------------|--------------------|-----------------------------|-----------|----------------------------------|-----------------|
| 1              | GTHZ120-620800-000 | 转向油缸<br>Steering cylinder   | 1         |                                  | 226200020002    |
| 2              | GTHZ120-620810-000 | 密封组件<br>Seal kit            | 1         |                                  |                 |
| 3              | SF-2 2545          | 衬套 25×45<br>Bushing         | 2         |                                  |                 |
| 4              | GB1152-1989        | 油杯 M8×1<br>Straight greaser | 2         |                                  | 300170040004    |

图 5-18 下油缸组件

GTHZ120



GTHZ170/GTHZ170C

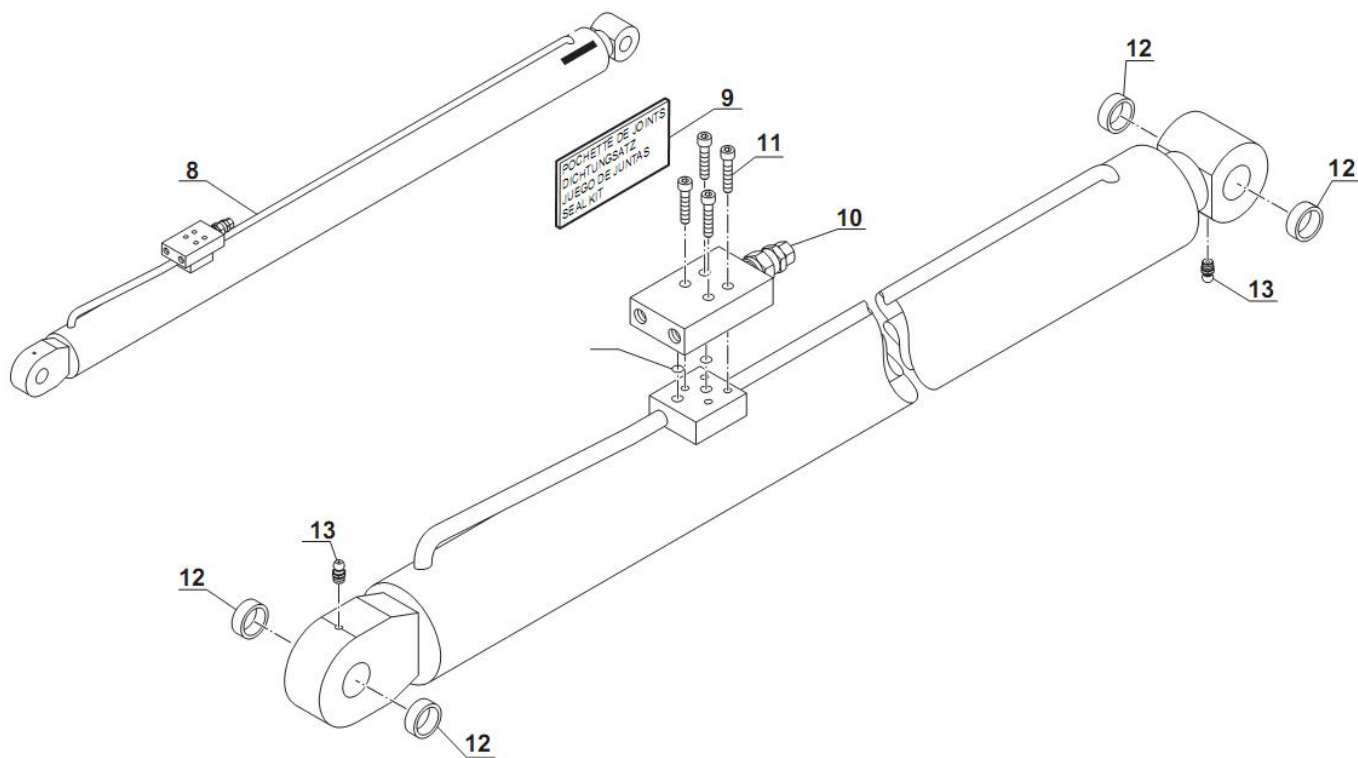


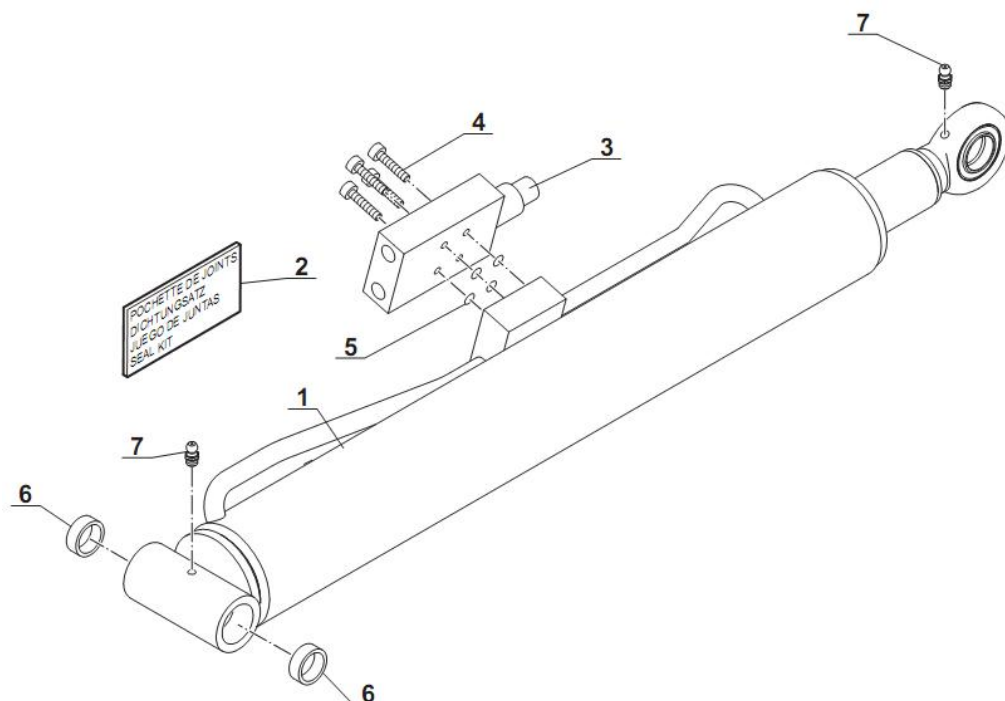


图 5-18 下油缸组件

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description           | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-----------------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ120-620600-000 | 下油缸<br>Lifting cylinder     | 1         | GTHZ120                             | 226200070005    |
| 2                 | GTHZ120-620610-000 | 密封组件<br>Seal kit            | 1         |                                     |                 |
| 3                 | GB1152-89          | 油杯 M8×1<br>Straight greaser | 2         |                                     | 300170040004    |
| 4                 | SF-1 3020          | 衬套 3020<br>Bushing          | 4         |                                     |                 |
| 5                 | GTHZ120-610900-G00 | 单平衡阀<br>Valve block         | 1         |                                     | 226400040002    |
| 6                 | GB70-85            | 螺钉 M6×35<br>Screw M6×35     | 4         |                                     | 300040020093    |
| 8                 | GTHZ170-620600-000 | 下油缸<br>Lifting cylinder     | 1         | GTHZ170<br>GTHZ170C                 | 226200070007    |
| 9                 | GTHZ170-620610-000 | 密封组件<br>Seal kit            | 1         |                                     |                 |
| 10                | GTHZ120-610900-G00 | 单平衡阀<br>Valve block         | 1         | 同 5                                 | 226400040002    |
| 11                | GB70-85            | 螺钉 M6×35<br>Screw M6×35     | 4         | 同 6                                 | 300040020093    |
| 12                | SF-2 3520          | 衬套 3520<br>Bushing          | 4         |                                     |                 |
| 13                | GTHZ1152-1989      | 油杯 M8×1<br>Straight greaser | 2         |                                     | 300170040004    |

图 5-19 上油缸组件

GTHZ120



GTHZ170/GTHZ170C

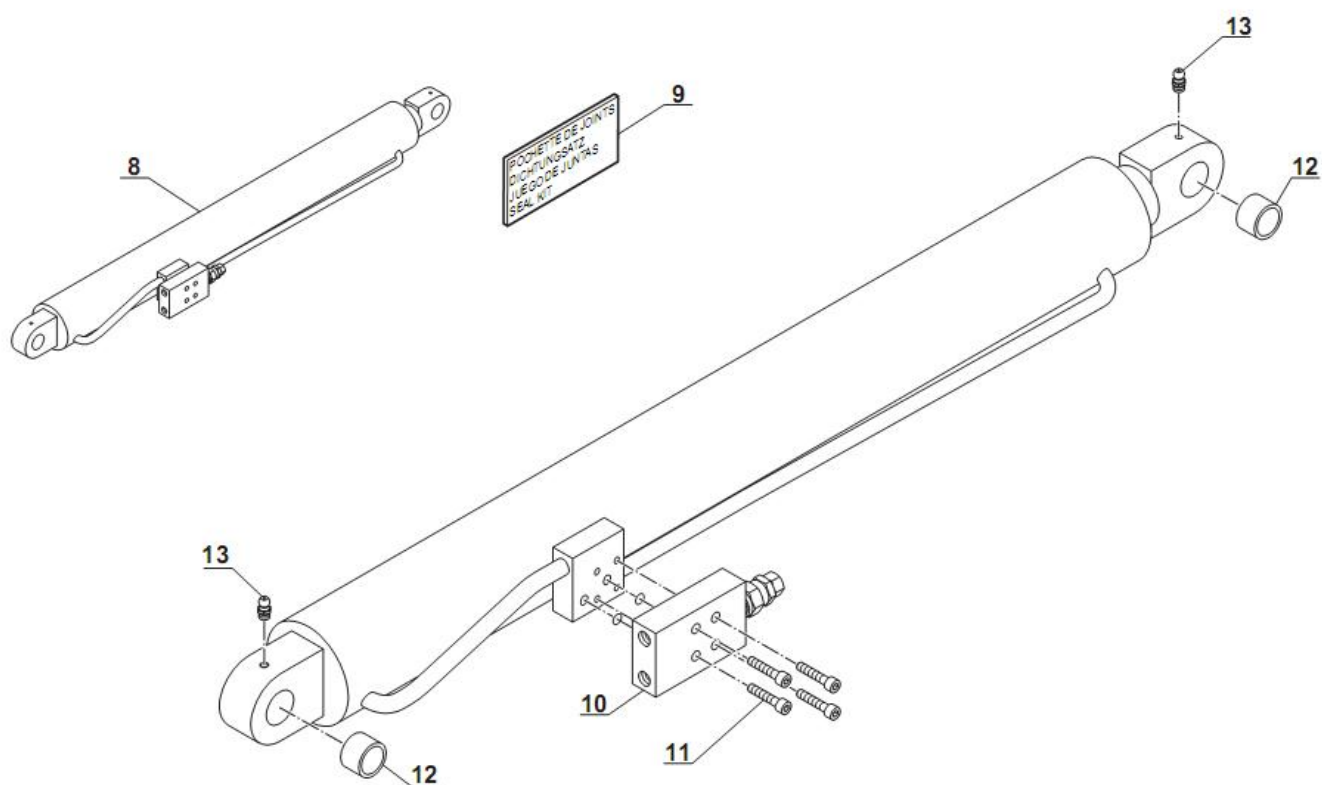
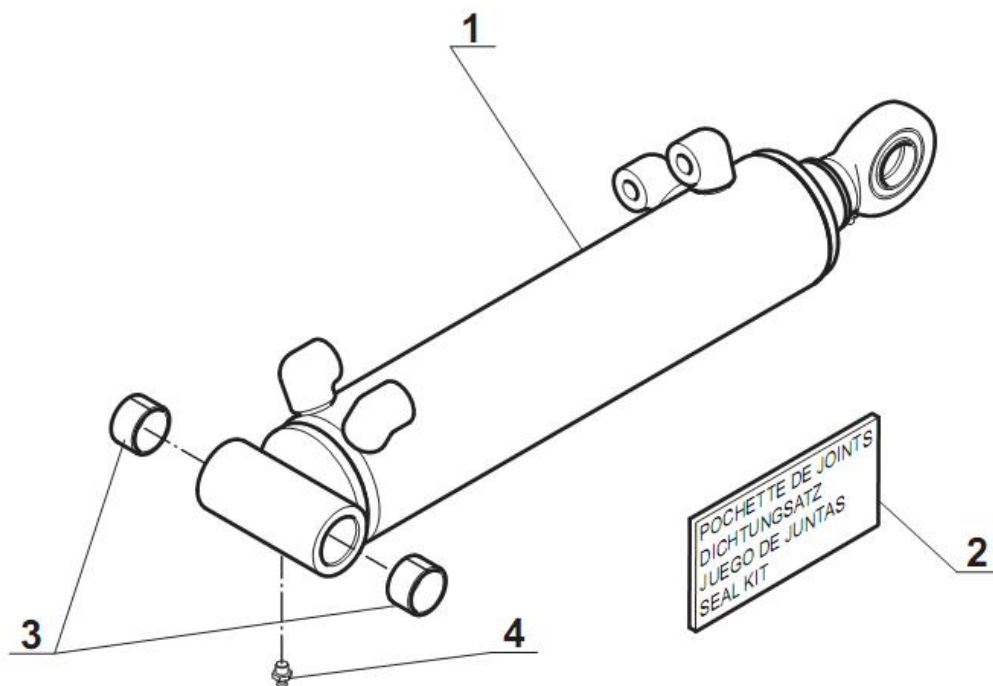


图 5-19 上油缸组件

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description           | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-----------------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ120-620500-000 | 上油缸<br>Lifting cylinder     | 1         | GTHZ120                             | 226200070003    |
| 2                 | GTHZ120-620510-000 | 密封组件<br>Seal kit            | 1         |                                     |                 |
| 3                 | GTHZ120-610900-G00 | 单平衡阀<br>Valve block         | 1         |                                     | 226400040002    |
| 4                 | GB70-85            | 螺钉 M6×35<br>Screw M6×35     | 4         |                                     | 300040020093    |
| 6                 | SF-1 3020          | 衬套 3020<br>Bushing          | 2         |                                     |                 |
| 7                 | GB1152-1989        | 油杯 M8×1<br>Straight greaser | 2         |                                     | 300170040004    |
| 8                 | GTHZ170-620500-000 | 上油缸<br>Lifting cylinder     | 1         | GTHZ170<br>GTHZ170C                 | 226200070008    |
| 9                 | GTHZ170-620510-000 | 密封组件<br>Seal kit            | 1         |                                     |                 |
| 10                | GTHZ120-610900-G00 | 单平衡阀<br>Valve block         | 1         | 同 3                                 | 226400040002    |
| 11                | GB70-85            | 螺钉 M6×35<br>Screw M6×35     | 4         | 同 4                                 | 300040020093    |
| 12                | SF-2 3540          | 衬套 3540<br>Bushing          | 2         |                                     |                 |
| 13                | GTHZ1152-1989      | 油杯 M8×1<br>Straight greaser | 2         |                                     | 300170040004    |

图 5-20 下调平油缸组件

GTHZ120



GTHZ170/GTHZ170C

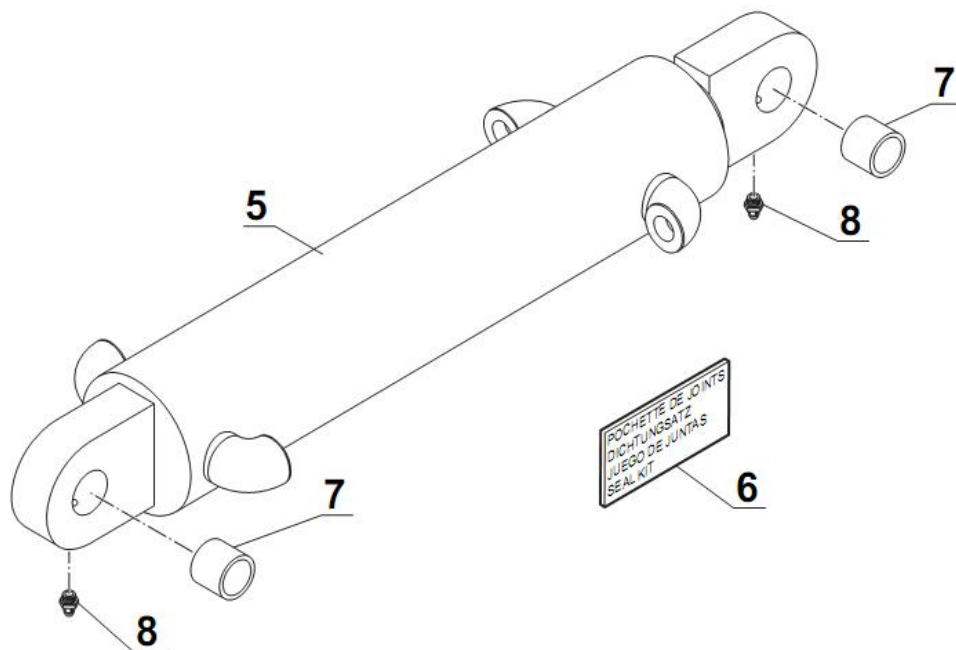
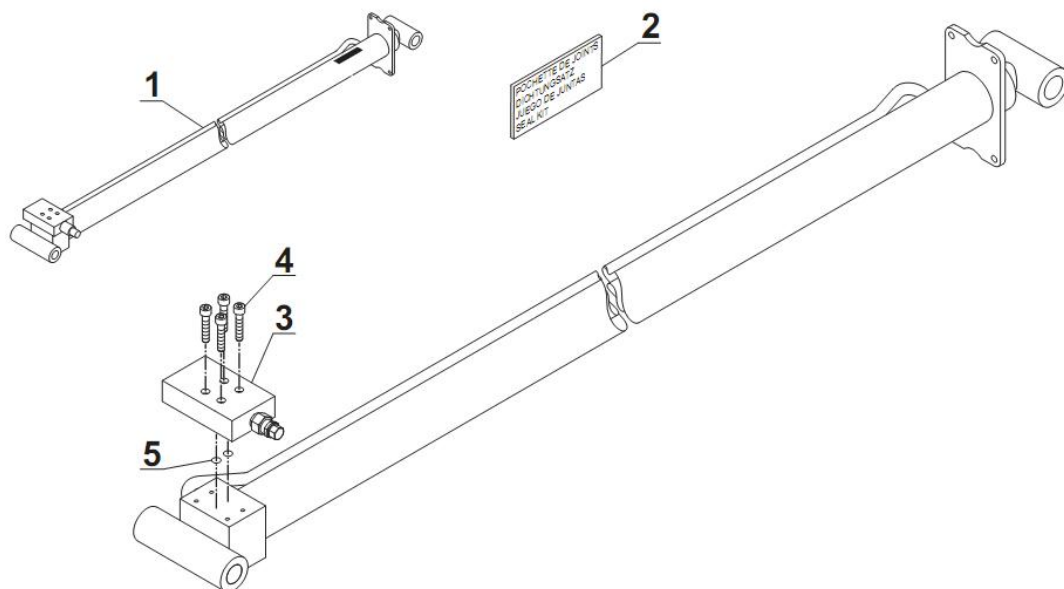


图 5-20 下调平油缸组件

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description             | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-------------------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ120-620100-000 | 倾斜油缸<br>Compensation cylinder | 1         | GTHZ120                             | 226200040001    |
| 2                 | GTHZ120-620110-000 | 密封组件<br>Seal kit              | 1         |                                     |                 |
| 3                 | SF-1 3020          | 衬套 3020<br>Bushing            | 2         |                                     |                 |
| 4                 | GB1152-89          | 油杯 M8×1<br>Straight greaser   | 2         |                                     | 300170040004    |
| 5                 | GTHZ170-620100-000 | 倾斜油缸<br>Compensation cylinder | 1         | GTHZ170<br>GTHZ170C                 | 226200040004    |
| 6                 | GTHZ170-620110-000 | 密封组件<br>Seal kit              | 1         |                                     |                 |
| 7                 | SF-2 3030          | 衬套 3020<br>Bushing            | 2         |                                     |                 |
| 8                 | GB1152-89          | 油杯 M8×1<br>Straight greaser   | 2         |                                     | 300170040004    |

图 5-21 伸缩臂油缸组件

GTHZ120



GTHZ170/GTHZ170C

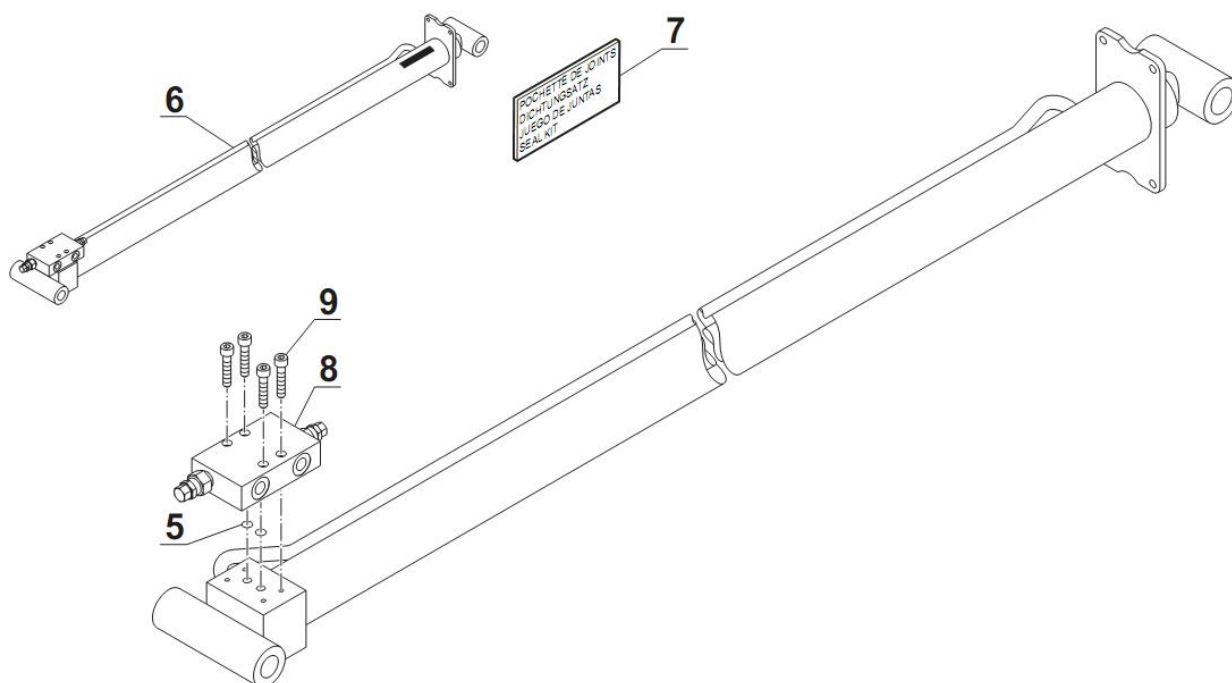
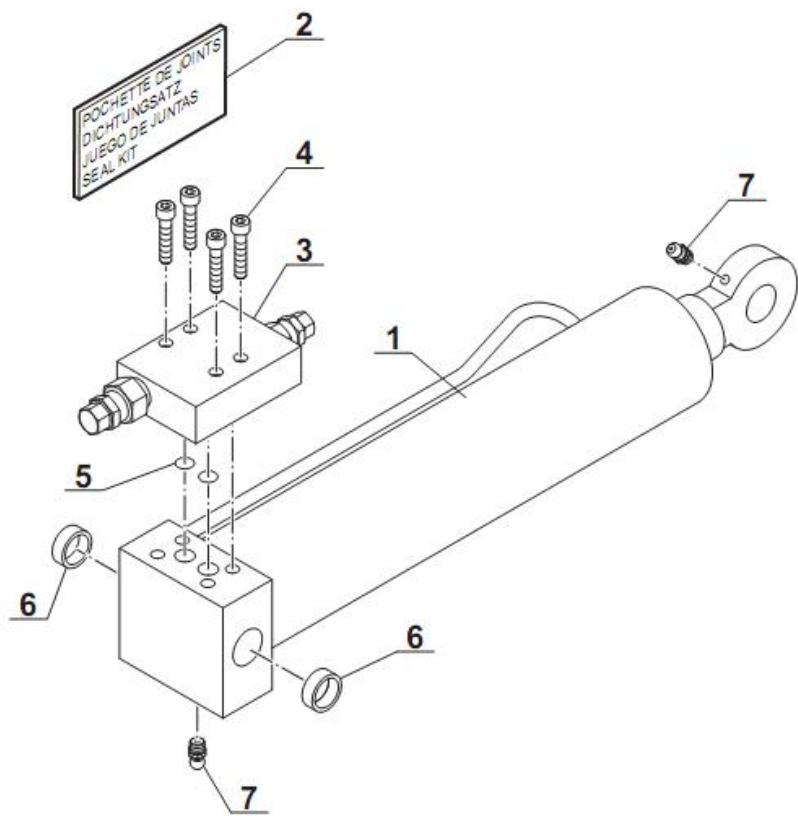


图 5-21 伸缩臂油缸组件

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description           | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-----------------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ120-620400-000 | 伸缩臂油缸<br>Telescope cylinder | 1         | GTHZ120                             | 226200030001    |
| 2                 | GTHZ120-620410-000 | 密封组件<br>Seal kit            | 1         | GTHZ120                             |                 |
| 3                 | GTHZ120-610800-G00 | 双平衡阀（30L）<br>Valve block    | 1         |                                     | 226400040001    |
| 4                 | GB70-85            | 螺钉 M6×35<br>Screw M6×35     | 4         |                                     | 300040020093    |
| 6                 | GTHZ170-620400-000 | 伸缩臂油缸<br>Telescope cylinder | 1         | GTHZ170<br>GTHZ170C                 | 226200070009    |
| 7                 | GTHZ170-620410-000 | 密封组件<br>Seal kit            | 1         |                                     |                 |
| 8                 | GTHZ170-640010-G00 | 双平衡阀（40L）<br>Valve block    | 1         |                                     | 226400040004    |
| 9                 | GB70-85            | 螺钉 M6×35<br>Screw M6×35     | 4         |                                     | 300040020093    |

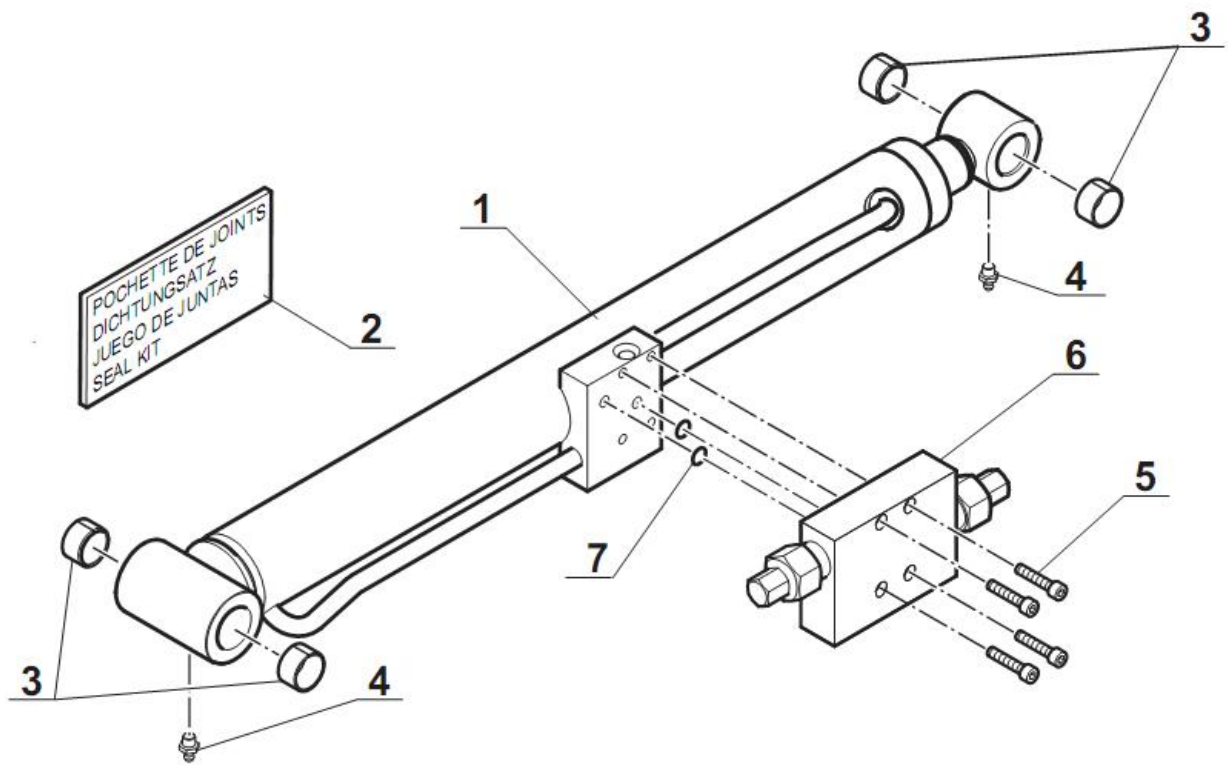
图 5-22 上调平油缸组件



| 序号<br>Item No. | 代号<br>Part No.     | 名称<br>Description           | 数量<br>Qty | 备注或适用车型<br>Remarks or Series No. | 物料码<br>Code No. |
|----------------|--------------------|-----------------------------|-----------|----------------------------------|-----------------|
| 1              | GTHZ120-620200-000 | 调平油缸<br>Tilting cylinder    | 1         |                                  | 226200050001    |
| 2              | GTHZ120-620210-000 | 密封组件<br>Seal kit            | 1         |                                  |                 |
| 3              | GTHZ120-610800-G00 | 双平衡阀 (30L)<br>Valve block   | 1         |                                  | 226400040001    |
| 4              | GB70-85            | 螺钉 M6×35<br>Screw M6×35     | 4         |                                  | 300040020093    |
| 5              | SF-2 3020          | 衬套 3020<br>Bushing          | 2         |                                  |                 |
| 6              | GB1152-89          | 油杯 M8×1<br>Straight greaser | 2         |                                  | 300170040004    |

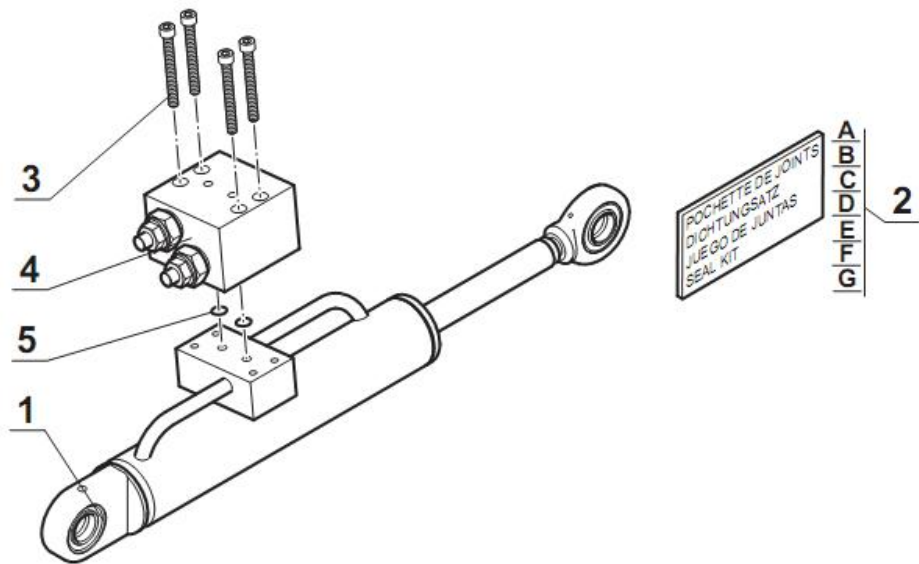


图 5-23 摆臂油缸组件



| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description             | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-------------------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ120-620300-000 | 摆臂油缸<br>Pendular arm cylinder | 1         | GTHZ120<br>HZ170P                   | 226200070004    |
| 2                 | GTHZ120-620310-000 | 密封组件<br>Seal kit              | 1         |                                     |                 |
| 3                 | SF-2 2515          | 复合衬套 2515<br>Bushing          | 4         |                                     |                 |
| 4                 | GB1152-89          | 油杯 M8×1<br>Straight greaser   | 2         |                                     | 300170040004    |
| 5                 | GB70-85            | 螺钉 M6×35<br>Screw M6×35       | 4         |                                     | 300040020093    |
| 6                 | GTHZ120-610800-G00 | 双平衡阀 (30L)<br>Valve block     | 1         |                                     | 226400040001    |

图 5-24 围栏旋转油缸组件



| 序号<br>Item No. | 代号<br>Part No.     | 名称<br>Description           | 数量<br>Qty | 备注或适用车型<br>Remarks or Series No. | 物料码<br>Code No. |
|----------------|--------------------|-----------------------------|-----------|----------------------------------|-----------------|
| 1              | GTHZ120-620700-000 | 围栏旋转油缸<br>Rotation cylinder | 1         | GTHZ120<br>HZ170P                | 226200070006    |
| 2              | GTHZ120-620710-000 | 密封组件<br>Seal kit            | 1         |                                  |                 |
| 3              | GTHZ120-611000-G00 | 双平衡阀<br>Valve block         | 1         |                                  | 226400040003    |
| 4              | GB70-85            | 螺钉 6×55<br>Screw            | 4         |                                  |                 |

## 第六章 电气系统

图 6-1 接线图一 (GTHZ120)

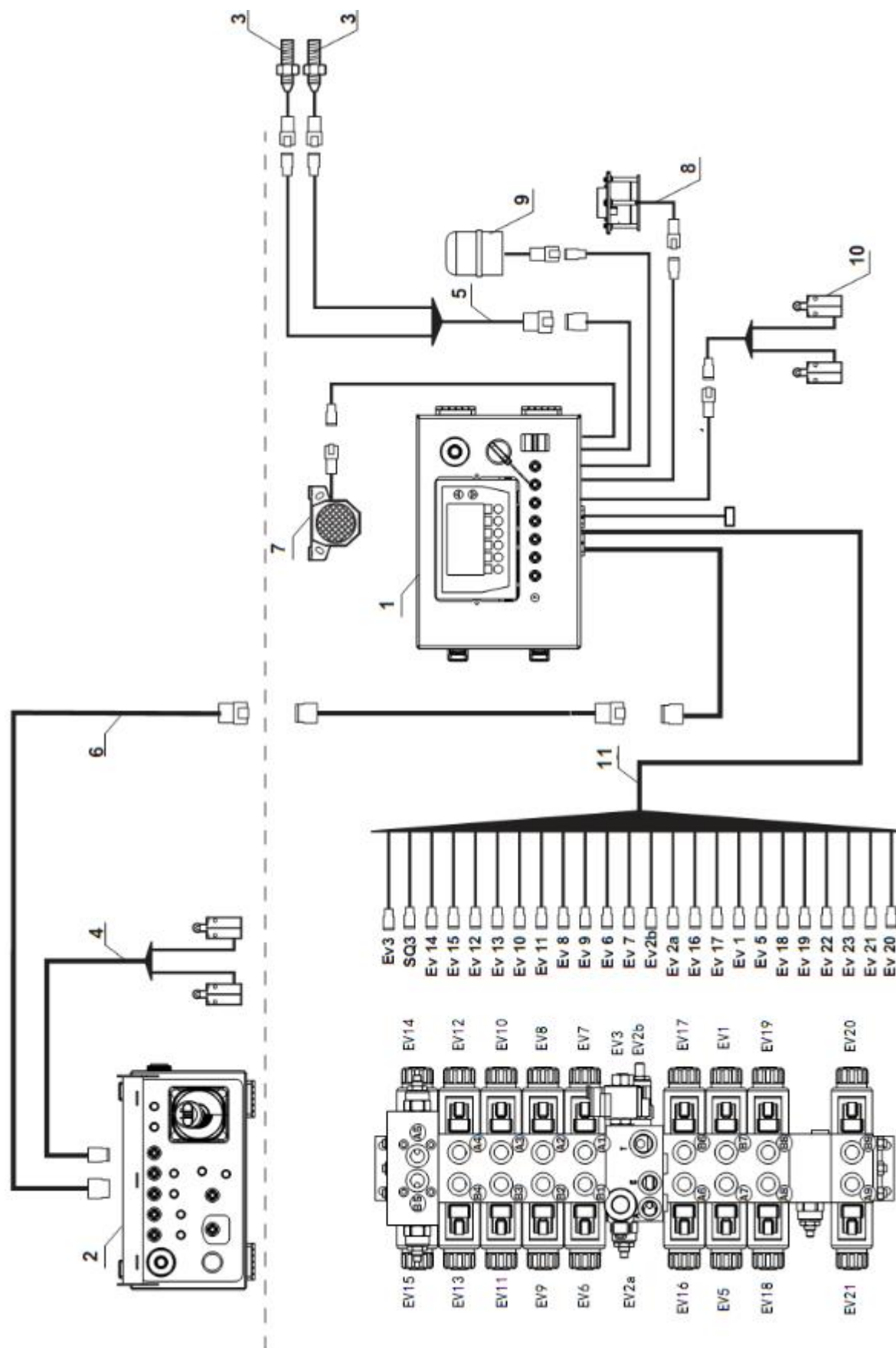


图 6-1 接线图一 (GTHZ120)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description                                         | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-----------------------------------------------------------|-----------|-------------------------------------|-----------------|
| 1                 | HZ120PI-710000-000 | 控制箱总成<br>Complete control<br>console (Ground)             | 1         |                                     |                 |
| 2                 | GTHZ120-720000-004 | 控制手柄总成<br>Complete control<br>console (Basket)            | 1         |                                     |                 |
| 3                 | GTHZ120-741100-001 | 接近传感器<br>Switch with wiring<br>harness                    | 2         |                                     | 227200060001    |
| 4                 | GTHZ120-740200-000 | 超载微动开关总成<br>Switch<br>(Stabilizer) with<br>wiring harness | 1         |                                     | 227200050002    |
| 5                 | GTHZ120-740500-001 | 接近开关转接线<br>Wiring harness                                 | 1         |                                     | 227100020014    |
| 6                 | GTHZ120-740601-002 | 手柄转接线 (上)<br>Wiring harness                               | 1         |                                     |                 |
| 8                 | GTHZ120-740602-002 | 手柄转接线 (下)<br>Wiring harness                               | 1         |                                     |                 |
| 7                 | NC9717-700500-000  | 倒车蜂鸣器<br>Horn 12/24V                                      | 1         |                                     | 207900120038    |
| 8                 | GTHZ120-740800-001 | 倾角开关<br>Levelling system<br>detector                      | 1         |                                     | 227400010017    |
| 9                 | AP251-700050-G00   | 警灯总成<br>Warning Light                                     | 1         |                                     | 207600070106    |
| 10                | GTHZ120-740300-000 | 防倾翻微动开关总成<br>Sensor                                       | 1         |                                     | 227200050004    |
| 11                | HZ120PI-710100-002 | 主线束                                                       | 1         |                                     |                 |

图 6-2 接线图一（GTHZ170/GTHZ170C）

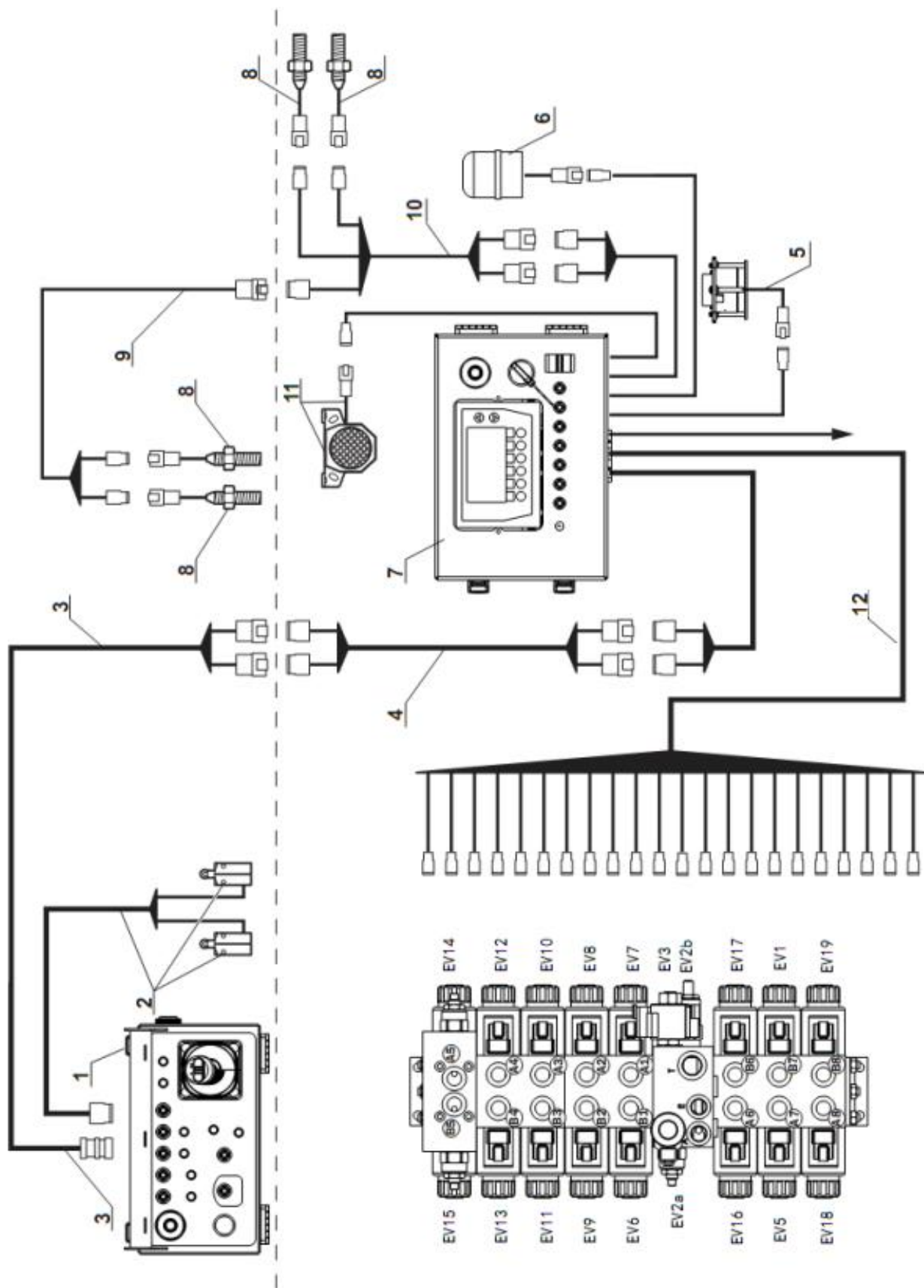


图 6-2 接线图一 (GTHZ170/GTHZ170C)

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description                                         | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-----------------------------------------------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ120-720000-004 | 控制手柄总成<br>Complete control<br>console (Basket)            | 1         |                                     | 227500030015    |
| 2                 | GTHZ120-740200-000 | 超载微动开关总成<br>Switch<br>(Stabilizer) with<br>wiring harness | 1         |                                     | 227200050002    |
| 3                 | GTHZ170-740601-001 | 手柄转接线 (上)<br>Wiring harness                               | 1         |                                     |                 |
| 4                 | GTHZ170-740602-001 | 手柄转接线 (下)<br>Wiring harness                               | 1         |                                     |                 |
| 5                 | GTHZ120-740800-001 | 倾角开关<br>Levelling system<br>detector                      | 1         |                                     | 227400010017    |
| 6                 | AP251-700050-G00   | 警灯总成<br>Warning Light                                     | 1         |                                     | 207600070106    |
| 7                 | HZ120PI-710000-000 | 控制箱总成<br>Complete control<br>console (Ground)             | 1         |                                     |                 |
| 8                 | GTHZ120-741100-001 | 接近传感器总成<br>Switch with wiring<br>harness                  | 4         |                                     | 227200060001    |
| 9                 | GTHZ170-740500-000 | 起升臂接近开关转接<br>线<br>Wiring harness                          | 1         |                                     | 227100020006    |
| 10                | GTHZ170-740400-000 | 伸缩臂接近开关转接<br>线<br>Wiring harness                          | 1         |                                     | 227100020007    |
| 11                | NC9717-700500-000  | 倒车蜂鸣器<br>Horn 12/24V                                      | 1         |                                     | 207900120038    |
| 12                | HZ120PI-710100-002 | 主线束                                                       | 1         |                                     |                 |

图 6-3 接线图二（铅酸电池）

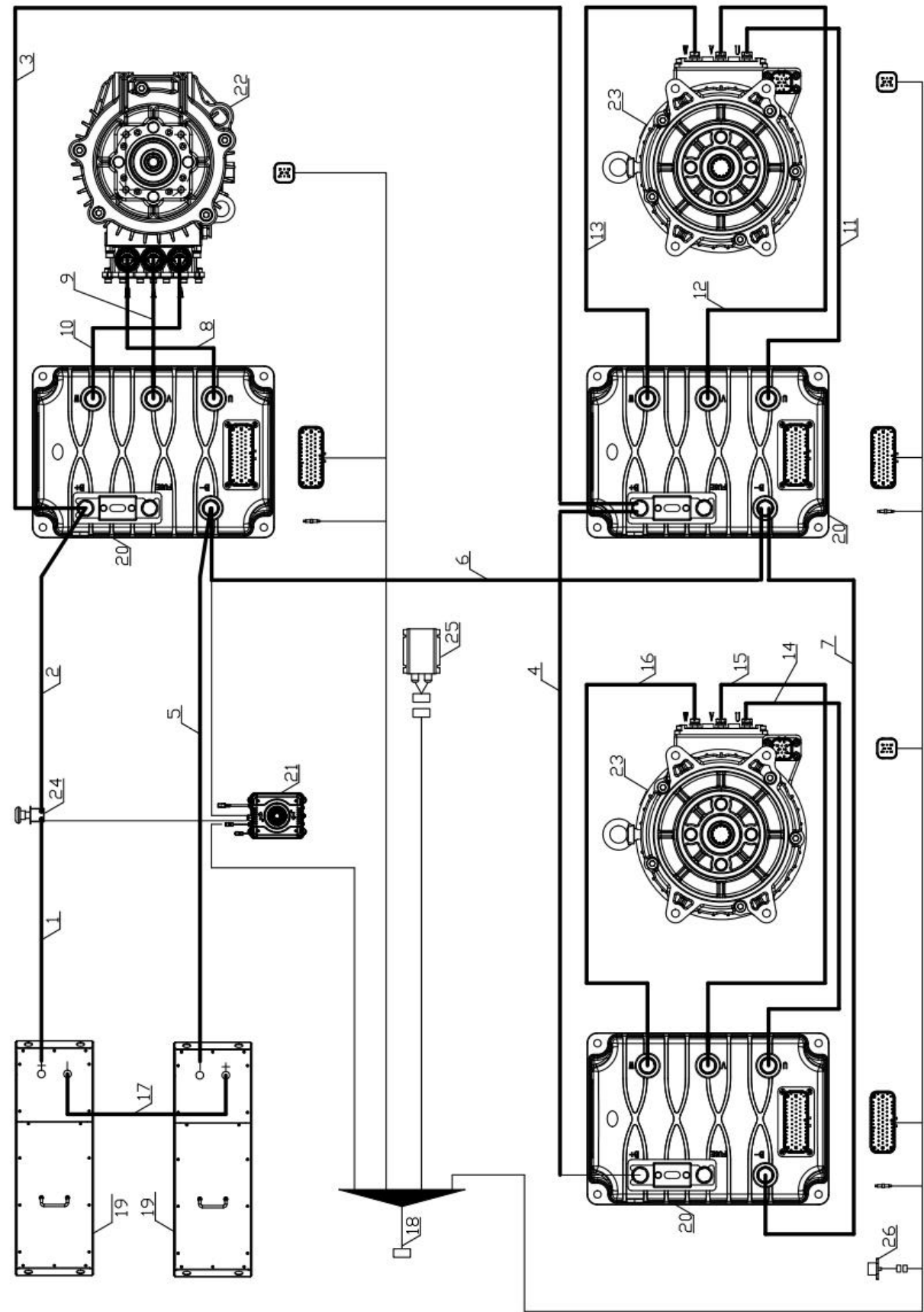




图 6-3 接线图二（铅酸电池）

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description | 数量<br>Qty | 备注或适用车型<br>Remarks or Series<br>No. | 物料码<br>Code No. |
|-------------------|--------------------|-------------------|-----------|-------------------------------------|-----------------|
| 1                 | HZ120P-730100-000  | 电缆线<br>(电池+/断电开关) | 1         | GTHZ120                             | 227300010208    |
|                   | HZ170P-730100-000  |                   | 1         | GTHZ170/GTHZ170C                    | 227300010210    |
| 2                 | HZ120PI-730100-001 | 电缆线 (断电开关/B+)     | 1         | GTHZ120                             | 227100070034    |
|                   | HZ170PI-730100-001 |                   | 1         | GTHZ170/GTHZ170C                    | 227300010337    |
| 3                 | HZ120PI-730200-001 | 电缆线 (B+/B+)       | 1         | GTHZ120                             | 227100070035    |
|                   | HZ170PI-730200-001 |                   | 1         | GTHZ170/GTHZ170C                    | 227300010328    |
| 4                 | HZ120PI-730200-001 | 电缆线 (B+/B+)       | 1         | GTHZ120                             | 227100070035    |
|                   | HZ170PI-730300-001 |                   | 1         | GTHZ170/GTHZ170C                    | 227300010329    |
| 5                 | HZ120P-730200-000  | 电缆线 (电池-/B-)      | 1         | GTHZ120                             | 227300010209    |
|                   | HZ170P-730200-000  |                   | 1         | GTHZ170/GTHZ170C                    | 227300010335    |
| 6                 | HZ120PI-730200-001 | 电缆线 (B-/B-)       | 1         | GTHZ120                             | 227100070035    |
|                   | HZ170PI-730400-001 |                   | 1         | GTHZ170/GTHZ170C                    | 227300010330    |
| 7                 | HZ120PI-730200-001 | 电缆线 (B-/B-)       | 1         | GTHZ120                             | 227100070035    |
|                   | HZ170PI-730500-001 |                   | 1         | GTHZ170/GTHZ170C                    | 227300010331    |
| 8                 | HZ120PI-730600-000 | 电缆线 (U/U)         | 1         | GTHZ120                             | 227300010176    |
|                   | HZ170PI-730600-001 |                   | 1         | GTHZ170/GTHZ170C                    | 227300010332    |
| 9                 | HZ120PI-730700-000 | 电缆线 (V/V)         | 2         | GTHZ120                             | 227300010177    |
|                   | HZ170PI-730700-001 |                   | 2         | GTHZ170/GTHZ170C                    | 227300010333    |
| 10                | HZ120PI-730800-000 | 电缆线 (W/W)         | 1         | GTHZ120                             | 227300010178    |
|                   | HZ170PI-730800-001 |                   | 1         | GTHZ170/GTHZ170C                    | 227300010334    |
| 11                | HZ120PI-731300-000 | 右电机电缆线 (U/U)      | 1         | GTHZ120                             | 227100070031    |
|                   | HZ170PI-731300-000 |                   | 1         | GTHZ170/GTHZ170C                    | 227300010341    |
| 12                | HZ120PI-731400-000 | 右电机电缆线 (V/V)      | 1         | GTHZ120                             | 227100070032    |
|                   | HZ170PI-731400-000 |                   | 1         | GTHZ170/GTHZ170C                    | 227300010342    |
| 13                | HZ120PI-731500-000 | 右电机电缆线 (W/W)      |           | GTHZ120                             | 227100070033    |
|                   | HZ170PI-731500-000 |                   |           | GTHZ170/GTHZ170C                    | 227300010343    |

图 6-3 接线图二（铅酸电池）

| 序号<br>Item<br>No. | 代号<br>Part No.       | 名称<br>Description | 数量<br>Qty | 备注或适用车型<br>Remarks or Series<br>No. | 物料码<br>Code No. |
|-------------------|----------------------|-------------------|-----------|-------------------------------------|-----------------|
| 14                | HZ120PI-731000-000   | 左机电电缆线 (U/U)      | 1         | GTHZ120                             | 227100070028    |
|                   | HZ170PI-731000-000   | 左机电电缆线 (U/U)      | 1         | GTHZ170/GTHZ170C                    | 227300010338    |
| 15                | HZ120PI-731100-000   | 左机电电缆线 (V/V)      | 1         | GTHZ120                             | 227100070029    |
|                   | HZ170PI-731100-000   | 左机电电缆线 (V/V)      | 1         | GTHZ170/GTHZ170C                    | 227300010339    |
| 16                | HZ120PI-731200-000   | 左机电电缆线 (W/W)      | 1         | GTHZ120                             | 227100070030    |
|                   | HZ170PI-731200-000   | 左机电电缆线 (W/W)      | 1         | GTHZ170/GTHZ170C                    | 227300010340    |
| 17                | HZ120P-730300-000    | 电缆线 (电池+/电池-)     | 1         | GTHZ120                             | 227300010325    |
|                   | HZ170P-730300-000    | 电缆线 (电池+/电池-)     | 1         | GTHZ170/GTHZ170C                    | 227300010336    |
| 18                | HZ120PI-740100-001   | 驱动线束总成            | 1         | GTHZ120                             | 227100070036    |
|                   | HZ170PI-740100-001   | 驱动线束总成            | 1         | GTHZ170/GTHZ170C                    | 227100070046    |
| 19                | HZ120P-760000-000    | 蓄电池               | 2         |                                     | 227600010011    |
| 20                | HB280PI-750200-G00   | 驱动器               | 3         |                                     | 227500020009    |
| 21                | HS1416TPI-760200-G00 | 充电器               | 1         |                                     | 227800010018    |
| 22                | HS1416TPI-710200-G00 | 油泵电机              | 1         |                                     | 227700010004    |
| 23                | HS1416TPI-710100-G00 | 驱动电机              | 2         |                                     | 227700020009    |
| 24                | AIBS600-700001-000   | 紧停开关              | 1         |                                     | 207200040066    |
| 25                | XIPD350-700400-000   | DC 转换器            | 1         |                                     | 207900220067    |
| 26                | GTHZ170C-741300-001  | 电位器总成             | 1         |                                     | 227400010014    |

图 6-4 接线图二（锂电池）

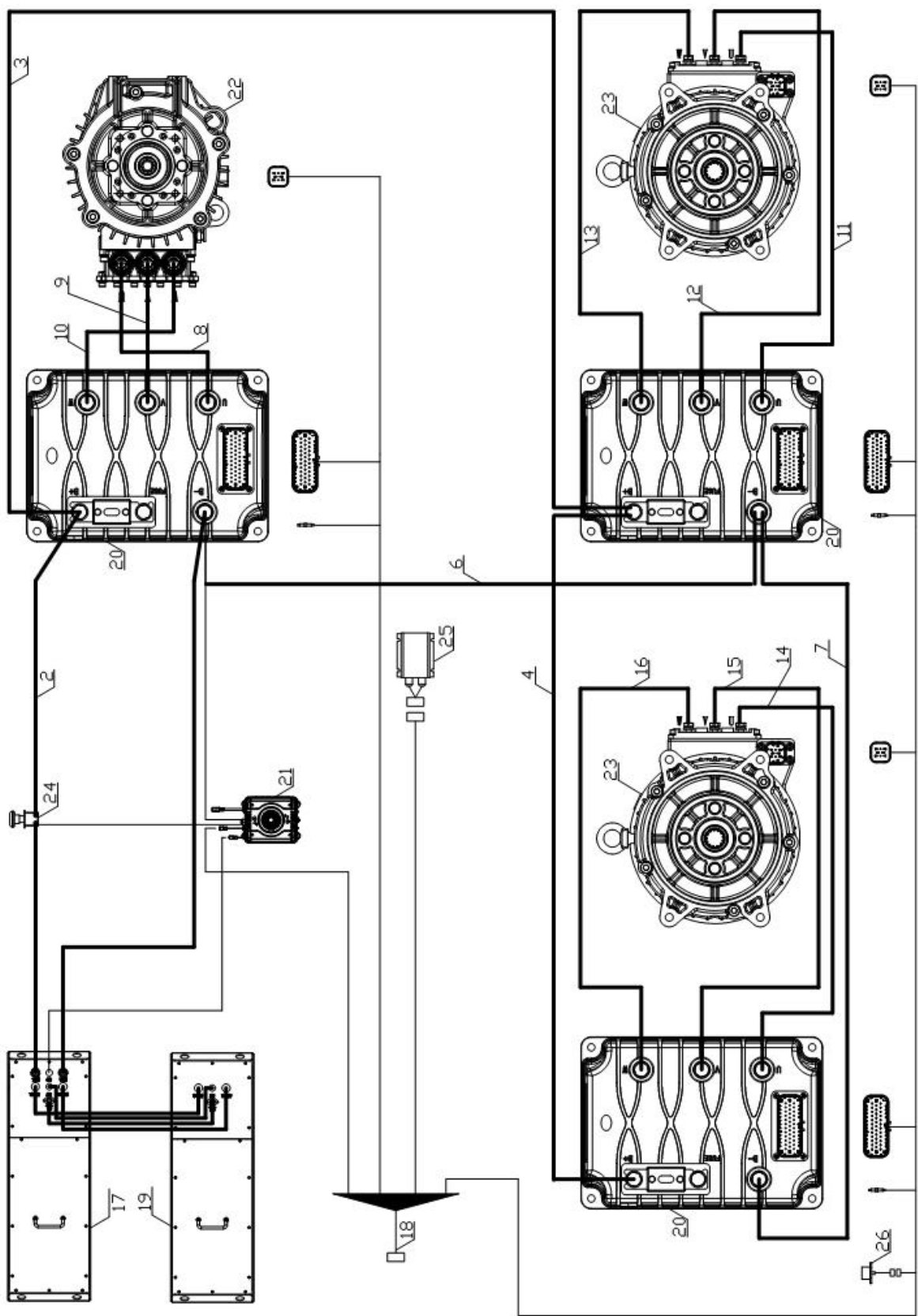


图 6-4 接线图二（锂电池）

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description | 数量<br>Qty | 备注或适用车型<br>Remarks or Series<br>No. | 物料码<br>Code No. |
|-------------------|--------------------|-------------------|-----------|-------------------------------------|-----------------|
| 2                 | HZ120PI-730100-001 | 电缆线（断电开关/B+）      | 1         | GTHZ120                             | 227100070034    |
|                   | HZ170PI-730100-001 | 电缆线（断电开关/B+）      | 1         | GTHZ170/GTHZ170C                    | 227300010337    |
| 3                 | HZ120PI-730200-001 | 电缆线（驱动器连接线）       | 1         | GTHZ120                             | 227100070035    |
|                   | HZ170PI-730200-001 | 电缆线（B+/B+）        | 1         | GTHZ170/GTHZ170C                    | 227300010328    |
| 4                 | HZ120PI-730200-001 | 电缆线（驱动器连接线）       | 1         | GTHZ120                             | 227100070035    |
|                   | HZ170PI-730300-001 | 电缆线（B+/B+）        | 1         | GTHZ170/GTHZ170C                    | 227300010329    |
| 5                 | HZ120P-730200-000  | 电缆线（电池-/B-）       | 1         | GTHZ120                             | 227300010209    |
|                   | HZ170P-730200-000  | 电缆线（电池-/B-）       | 1         | GTHZ170/GTHZ170C                    | 227300010335    |
| 6                 | HZ120PI-730200-001 | 电缆线（驱动器连接线）       | 1         | GTHZ120                             | 227100070035    |
|                   | HZ170PI-730400-001 | 电缆线（B-/B-）        | 1         | GTHZ170/GTHZ170C                    | 227300010330    |
| 7                 | HZ120PI-730200-001 | 电缆线（驱动器连接线）       | 1         | GTHZ120                             | 227100070035    |
|                   | HZ170PI-730500-001 | 电缆线（B-/B-）        | 1         | GTHZ170/GTHZ170C                    | 227300010331    |
| 8                 | HZ120PI-730600-000 | 电缆线（U/U）          | 1         | GTHZ120                             | 227300010176    |
|                   | HZ170PI-730600-001 | 电缆线（U/U）          | 1         | GTHZ170/GTHZ170C                    | 227300010332    |
| 9                 | HZ120PI-730700-000 | 电缆线（V/V）          | 1         | GTHZ120                             | 227300010177    |
|                   | HZ170PI-730700-001 | 电缆线（V/V）          | 1         | GTHZ170/GTHZ170C                    | 227300010333    |
| 10                | HZ120PI-730800-000 | 电缆线（W/W）          | 1         | GTHZ120                             | 227300010178    |
|                   | HZ170PI-730800-001 | 电缆线（W/W）          | 1         | GTHZ170/GTHZ170C                    | 227300010334    |
| 11                | HZ120PI-731300-000 | 右电机电缆线（U/U）       | 1         | GTHZ120                             | 227100070031    |
|                   | HZ170PI-731300-000 | 右电机电缆线（U/U）       | 1         | GTHZ170/GTHZ170C                    | 227300010341    |
| 12                | HZ120PI-731400-000 | 右电机电缆线（V/V）       | 1         | GTHZ120                             | 227100070032    |
|                   | HZ170PI-731400-000 | 右电机电缆线（V/V）       | 1         | GTHZ170/GTHZ170C                    | 227300010342    |
| 13                | HZ120PI-731500-000 | 右电机电缆线（W/W）       | 1         | GTHZ120                             | 227100070033    |
|                   | HZ170PI-731500-000 | 右电机电缆线（W/W）       | 1         | GTHZ170/GTHZ170C                    | 227300010343    |
| 14                | HZ120PI-731000-000 | 左电机电缆线（U/U）       | 1         | GTHZ120                             | 227100070028    |
|                   | HZ170PI-731000-000 | 左电机电缆线（U/U）       | 1         | GTHZ170/GTHZ170C                    | 227300010338    |

图 6-4 接线图二（锂电池）

| 序号<br>Item<br>No. | 代号<br>Part No.       | 名称<br>Description | 数量<br>Qty | 备注或适用车型<br>Remarks or Series<br>No. | 物料码<br>Code No. |
|-------------------|----------------------|-------------------|-----------|-------------------------------------|-----------------|
| 15                | HZ120PI-731100-000   | 左电机电缆线（V/V）       | 1         | GTHZ120                             | 227100070029    |
|                   | HZ170PI-731100-000   | 左电机电缆线（V/V）       | 1         | GTHZ170/GTHZ170C                    | 227300010339    |
| 16                | HZ120PI-731200-000   | 左电机电缆线（W/W）       | 1         | GTHZ120                             | 227100070030    |
|                   | HZ170PI-731200-000   | 左电机电缆线（W/W）       | 1         | GTHZ170/GTHZ170C                    | 227300010340    |
| 17                | HZ120PI-730000-000   | 锂电池总成             | 1         |                                     | 227600030058    |
| 18                | HZ120PI-740100-001   | 驱动线束总成            | 1         | GTHZ120                             | 227100070036    |
|                   | HZ170PI-740100-001   | 驱动线束总成            | 1         | GTHZ170/GTHZ170C                    | 227100070046    |
| 20                | HB280PI-750200-G00   | 驱动器               | 3         |                                     | 227500020009    |
| 21                | HS1416TPI-760200-G00 | 充电器               | 1         |                                     | 227800010018    |
| 22                | HS1416TPI-710200-G00 | 油泵电机              | 1         |                                     | 227700010004    |
| 23                | HS1416TPI-710100-G00 | 行走电机              | 2         |                                     | 227700020009    |
| 24                | AIBS600-700001-000   | 紧停开关              | 1         |                                     | 207200040066    |
| 25                | XIPD350-700400-000   | DC 转换器            | 1         |                                     | 207900220067    |
| 26                | GTHZ170C-741300-001  | 电位器总成             | 1         |                                     | 227400010014    |

图 6-5 电器件分布图 (GTHZ120)

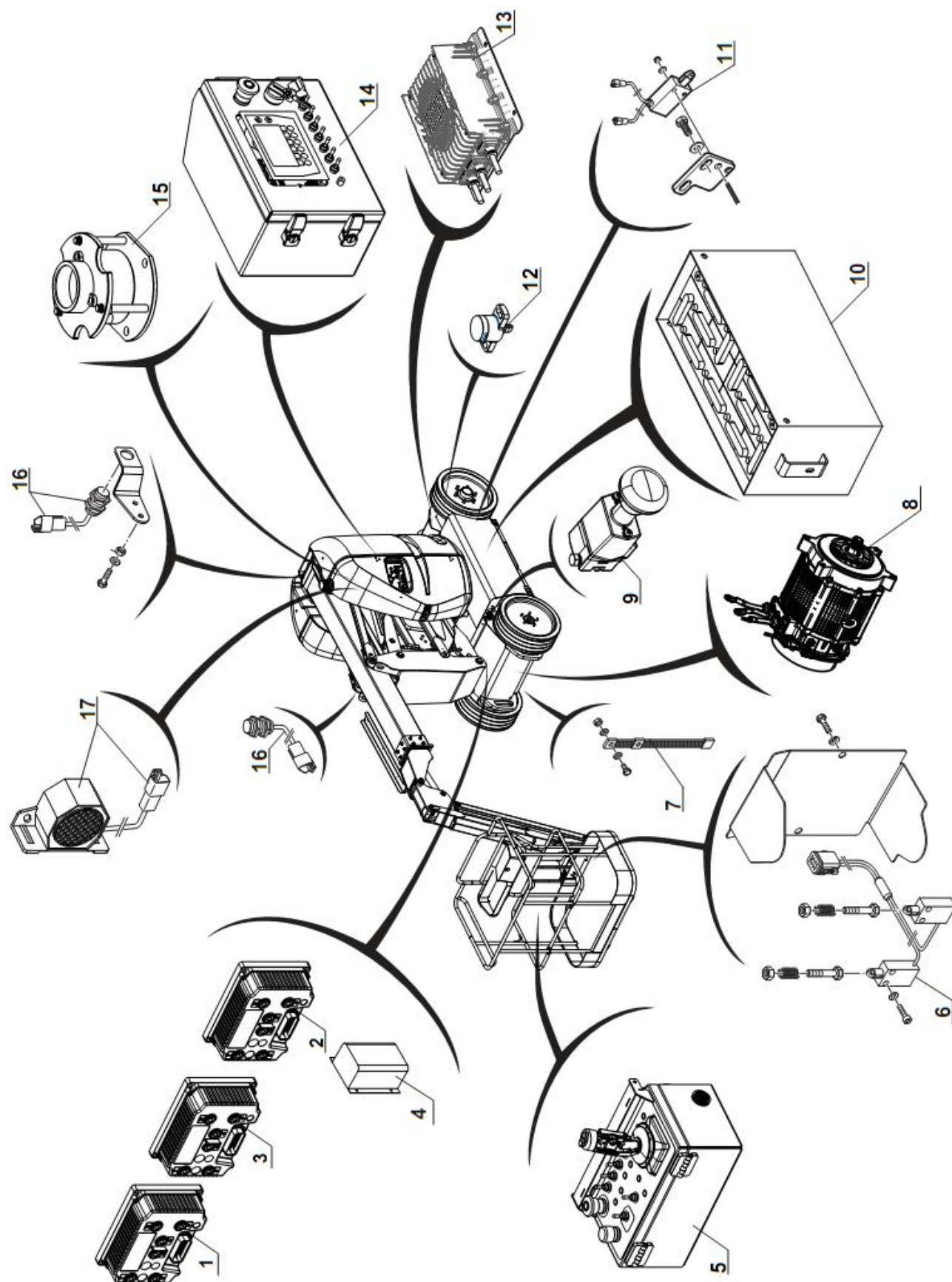


图 6-5 电器件分布图 (GTHZ120)

| 序号<br>Item<br>No. | 代号<br>Part No.       | 名称<br>Description | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|----------------------|-------------------|-----------|-------------------------------------|-----------------|
| 1                 | HB280PI-750200-G00   | 左行走驱动器            | 1         | 配英搏尔电机                              | 程序不同            |
| 2                 | HB280PI-750200-G00   | 右行走驱动器            | 1         | 配英搏尔电机                              |                 |
| 3                 | HB280PI-750200-G00   | 驱动器 (油泵)          | 1         | 配英搏尔电机                              |                 |
| 4                 | XIPD350-700400-000   | DC 转换器            | 1         |                                     |                 |
| 5                 | GTHZ120-720000-004   | 控制手柄总成            | 1         | 图 6-8                               |                 |
| 6                 | GTHZ120-740200-000   | 超载微动开关总成          | 1         |                                     |                 |
| 7                 | 78XEN-400003-G00     | 防静电带              | 1         |                                     |                 |
| 8                 | HS1416TPI-710100-G00 | 行走电机              | 2         | 英搏尔                                 |                 |
| 9                 | AIBS600-700001-000   | 断电开关              | 1         |                                     |                 |
| 10                | HZ120P-760000-000    | 铅酸蓄电池组            | 2         |                                     |                 |
|                   | HZ120PI-730000-000   | 锂电池               | 1         |                                     |                 |
| 11                | GTHZ120-740300-000   | 防倾翻微动开关总成         | 1         |                                     | 227200050004    |
| 12                | AP1600-700910-000    | 角度传感器             | 1         |                                     |                 |
| 13                | HS1416TPI-760200-G00 | 充电器               | 1         |                                     |                 |
| 14                | HZ120PI-710000-000   | 控制箱总成             |           | 图 6-7                               |                 |
| 15                | GTHZ120-740800-001   | 倾角开关              | 1         |                                     | 227400010017    |
| 16                | GTHZ120-741100-G00   | 接近传感器总成           | 2         |                                     | 227200060001    |
| 17                | NC9717-700500-000    | 蜂鸣器               | 1         |                                     |                 |

图 6-6 电器件分布图 (GTHZ170/GTHZ170C)

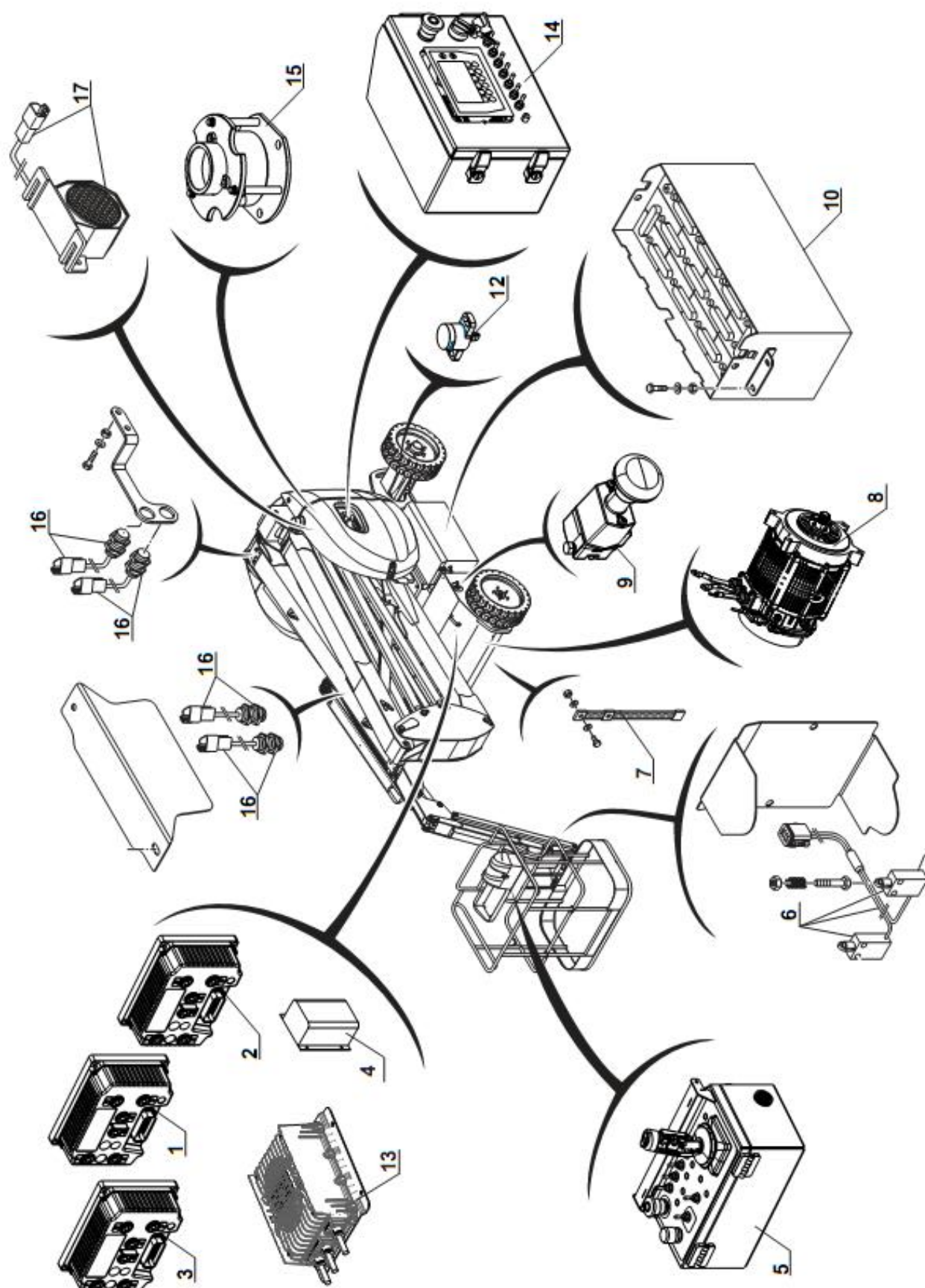




图 6-6 电器件分布图（GTHZ170/GTHZ170C）

| 序号<br>Item<br>No. | 代号<br>Part No.       | 名称<br>Description | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|----------------------|-------------------|-----------|-------------------------------------|-----------------|
| 1                 | HB280PI-750200-G00   | 左行走驱动器            | 1         | 配英搏尔电机                              | 程序不同            |
| 2                 | HB280PI-750200-G00   | 右行走驱动器            | 1         | 配英搏尔电机                              |                 |
| 3                 | HB280PI-750200-G00   | 驱动器（油泵）           | 1         | 配英搏尔电机                              |                 |
| 4                 | XIPD350-700400-000   | DC 转换器            | 1         |                                     |                 |
| 5                 | GTHZ120-720000-004   | 控制手柄总成            | 1         | 图 6-8                               |                 |
| 6                 | GTHZ120-740200-000   | 超载微动开关总成          | 1         |                                     |                 |
| 7                 | 78XEN-400003-G00     | 防静电带              | 1         |                                     |                 |
| 8                 | HS1416TPI-710100-G00 | 行走电机              | 2         | 英搏尔                                 |                 |
| 9                 | AIBS600-700001-000   | 断电开关              | 1         |                                     |                 |
| 10                | HZ120P-760000-000    | 铅酸蓄电池组            | 2         |                                     |                 |
|                   | HZ120PI-730000-000   | 锂电池               | 1         |                                     |                 |
| 12                | AP1600-700910-000    | 角度传感器             | 1         |                                     |                 |
| 13                | HS1416TPI-760200-G00 | 充电器               | 1         |                                     |                 |
| 14                | HZ120PI-710000-000   | 控制箱总成             |           | 图 6-7                               |                 |
| 15                | GTHZ120-740800-001   | 倾角开关              | 1         |                                     | 227400010017    |
| 16                | GTHZ120-741100-G00   | 接近传感器总成           | 2         |                                     | 227200060001    |
| 17                | NC9717-700500-000    | 蜂鸣器               | 1         |                                     |                 |

图 6-7 下控总成

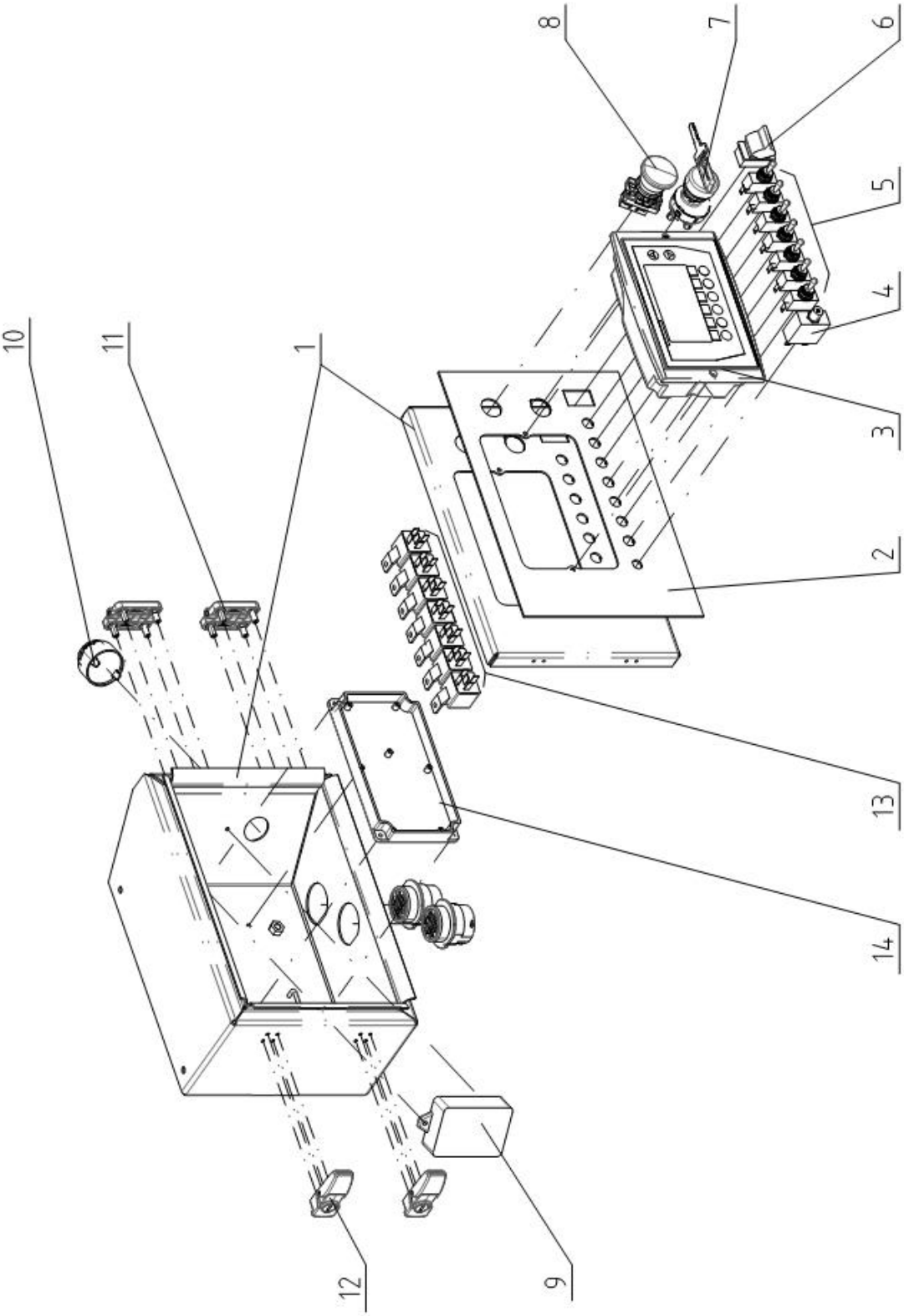


图 6-7 下控总成

| 序号<br>Item<br>No. | 代号<br>Part No.      | 名称<br>Description                             | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|---------------------|-----------------------------------------------|-----------|-------------------------------------|-----------------|
| 1                 | HZ120PI-710000-000  | 控制箱总成<br>Complete control<br>console (Ground) |           |                                     |                 |
| 2                 | GTHZ120-710100-000  | 下控箱 PC 膜<br>Sticker                           | 1         |                                     |                 |
| 3                 | GTHZ120-710200-000  | 下显示屏<br>Screen                                | 1         |                                     |                 |
| 4                 | GTHZ210C-710400-000 | 保险按钮<br>button                                | 1         |                                     |                 |
| 5                 | GTHZ210C-720400-000 | 拨档开关<br>Shift switch                          | 7         |                                     |                 |
| 6                 | GTHZ120-710300-000  | 拇指开关<br>Switch                                | 1         |                                     |                 |
| 7                 | GTHZ210C-710300-000 | 钥匙开关<br>Key switch                            | 1         |                                     |                 |
| 8                 | GTHZ210C-720900-000 | 急停开关<br>Emergency switch                      | 1         |                                     |                 |
| 9                 | GTHZ120-710700-000  | 隔离模块 Isolation<br>module                      | 1         |                                     |                 |
| 10                | GTHZ210C-720600-000 | 蜂鸣器<br>beeper                                 | 1         |                                     |                 |
| 11                | GTHZ210C-721500-000 | 合页<br>hinge                                   | 2         |                                     |                 |
| 12                | GTHZ210C-721600-000 | 锁扣<br>Lock                                    | 2         |                                     |                 |
| 13                | GTHZ120-710500-000  | 继电器<br>Relay                                  | 7         |                                     |                 |
| 14                | GTHZ120-710600-001  | 下控制箱电路集成板<br>module                           | 1         |                                     |                 |

图 6-8 上控总成

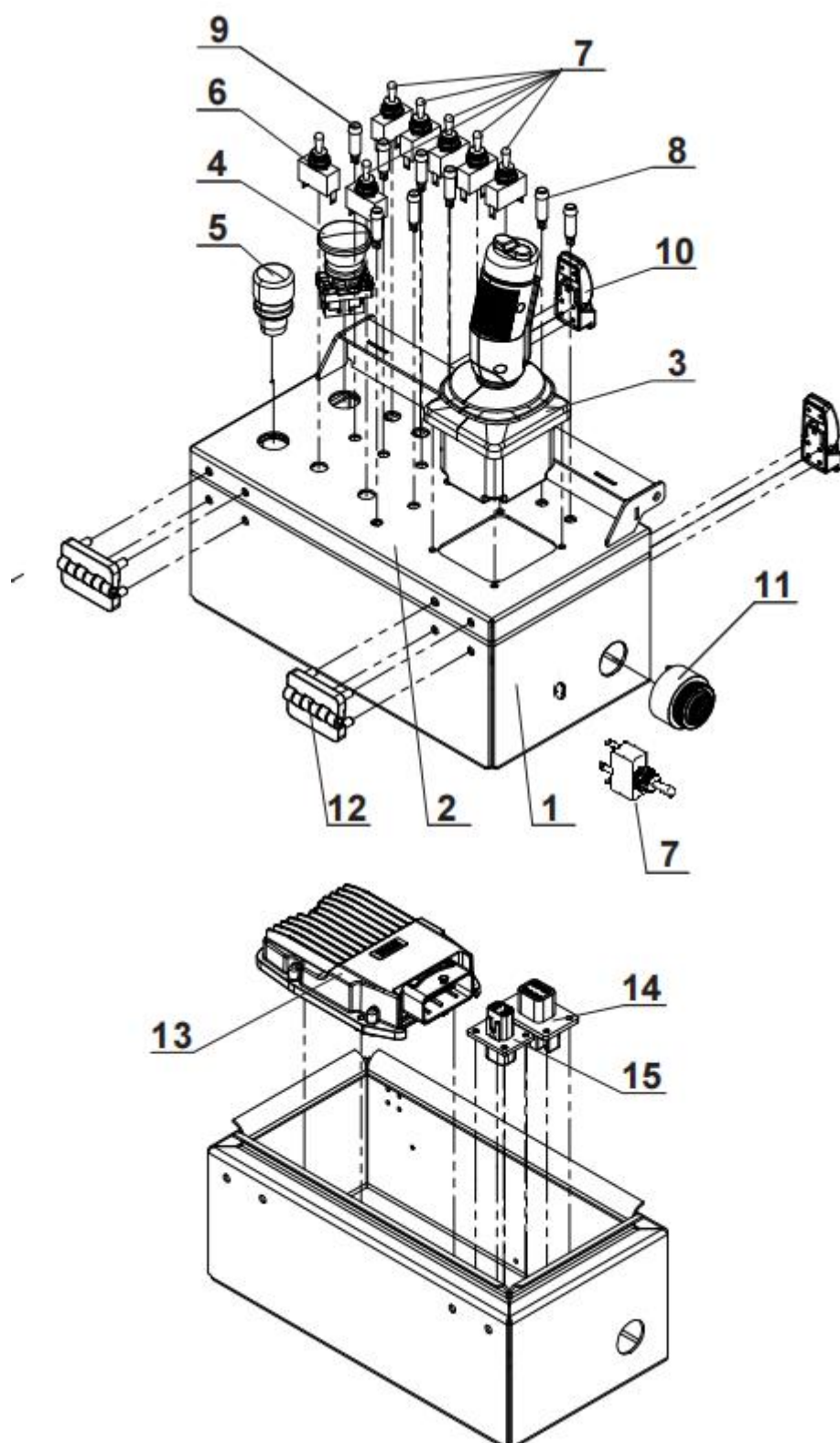


图 6-8 上控总成

| 序号<br>Item<br>No. | 代号<br>Part No.      | 名称<br>Description                              | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|---------------------|------------------------------------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ120-720000-004  | 控制手柄总成<br>Complete control<br>console (Basket) |           |                                     | 227500030015    |
| 2                 | GTHZ120-720100-000  | 上控箱 PC 膜<br>Sticker                            | 1         |                                     |                 |
| 3                 | GTHZ120-720200-000  | 双轴带开关手柄<br>Joystick                            | 1         |                                     |                 |
| 4                 | GTHZ210C-720900-000 | 急停开关<br>Emergency switch                       | 1         |                                     |                 |
| 5                 | GTHZ210C-721300-000 | 按钮<br>button                                   | 1         |                                     |                 |
| 6                 | GTHZ120-720300-000  | 拨档开关<br>Shift switch                           | 1         |                                     |                 |
| 7                 | GTHZ210C-720400-000 | 拨档开关<br>Shift switch                           | 7         |                                     |                 |
| 8                 | GTHZ210C-720700-000 | 指示灯<br>Indicator                               | 2         |                                     |                 |
| 9                 | GTHZ210C-720800-000 | 指示灯<br>Indicator                               | 6         |                                     |                 |
| 10                | GTHZ210C-721600-000 | 锁扣<br>Lock                                     | 2         |                                     |                 |
| 11                | GTHZ210C-720600-000 | 蜂鸣器<br>Beeper                                  | 1         |                                     |                 |
| 12                | GTHZ210C-721500-000 | 合页<br>Hinge                                    | 2         |                                     |                 |
| 13                | GTHZ210C-721000-000 | 上控制器<br>Basket controller                      | 1         |                                     |                 |
| 14                | DT04-8P             | 8P 公端护套<br>Protector                           | 1         |                                     |                 |
| 15                | DT04-4P             | 4P 公端护套<br>Protector                           | 1         |                                     |                 |

## 第七章 标识

图 7-1 标识 (GTHZ120)

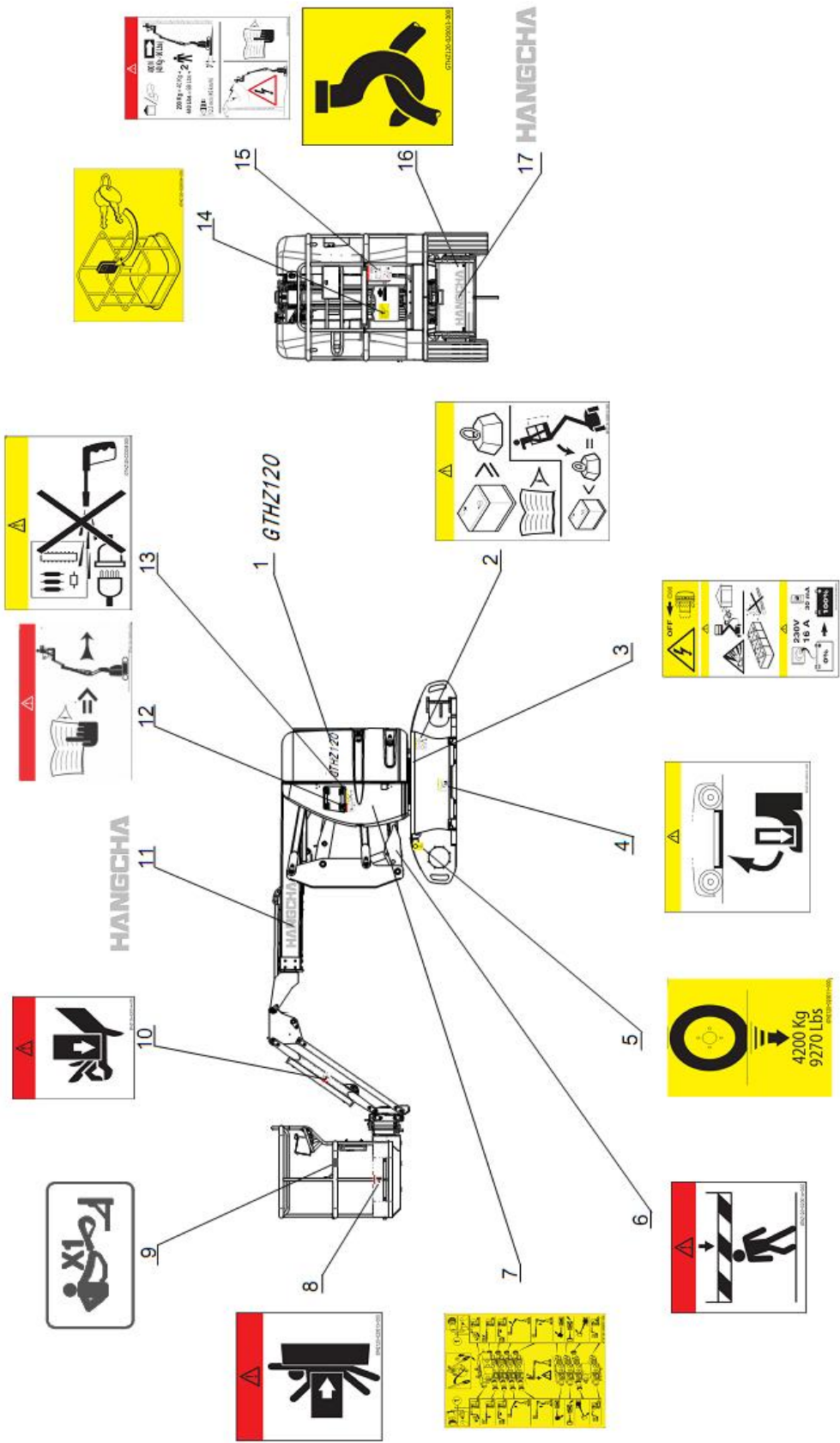


图 7-1 标识（GTHZ120）

| 序号<br>Item<br>No. | 代号<br>Part No.     | 名称<br>Description | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|--------------------|-------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ120-020001-000 | 型号标签 “GTHZ120”    | 2         |                                     |                 |
| 2                 | GTHZ120-020012-000 | 标签 “电池重量警示”       | 2         |                                     |                 |
| 3                 | GTHZ120-020003-000 | 标签 “充电注意说明”       | 1         |                                     |                 |
| 4                 | GTHZ120-020010-000 | 标签 “压脚警示”         | 2         |                                     |                 |
| 5                 | GTHZ120-020013-000 | 标签 “吊装处”          | 4         |                                     |                 |
| 6                 | GTHZ120-020016-000 | 标签 “防压头标签”        | 1         |                                     |                 |
| 7                 | GTHZ120-020009-001 | 标签 “手动操作说明”       | 1         |                                     |                 |
| 8                 | GTHZ120-020015-000 | 标签 “防夹标签”         | 2         |                                     |                 |
| 9                 | 140XEN-020024-001  | 安全锚点标签            | 2         |                                     |                 |
| 10                | GTHZ120-020014-000 | 标签 “防夹手标签”        | 2         |                                     |                 |
| 11                | GTHZ120-020021-000 | 标签 “文字 HANGCHA”   | 1         |                                     |                 |
| 12                | GTHZ120-020005-000 | 标签 “操作前需查阅说明书”    | 1         |                                     |                 |
| 13                | GTHZ120-020008-000 | 标签 “不要喷洒液体”       | 1         |                                     |                 |
| 14                | GTHZ120-020004-000 | 标签 “钥匙存放处”        | 1         |                                     |                 |
| 15                | GTHZ120-020002-000 | 载荷标签              | 1         |                                     |                 |
| 16                | GTHZ120-020011-000 | 标签 “地面承载”         | 4         |                                     |                 |
| 17                | GTWZ110-020013-000 | 捆绑位置标签            | 4         |                                     |                 |
| 18                | GTHZ120-020022-000 | 标签 “文字 HANGCHA”   | 2         |                                     |                 |
| 19                | GTHZ120-020006-000 | 标签 “前”            | 1         |                                     |                 |
| 20                | GTHZ120-020007-000 | 标签 “后”            | 1         |                                     |                 |



图 7-2 标识 (GTHZ170/GTHZ170C)

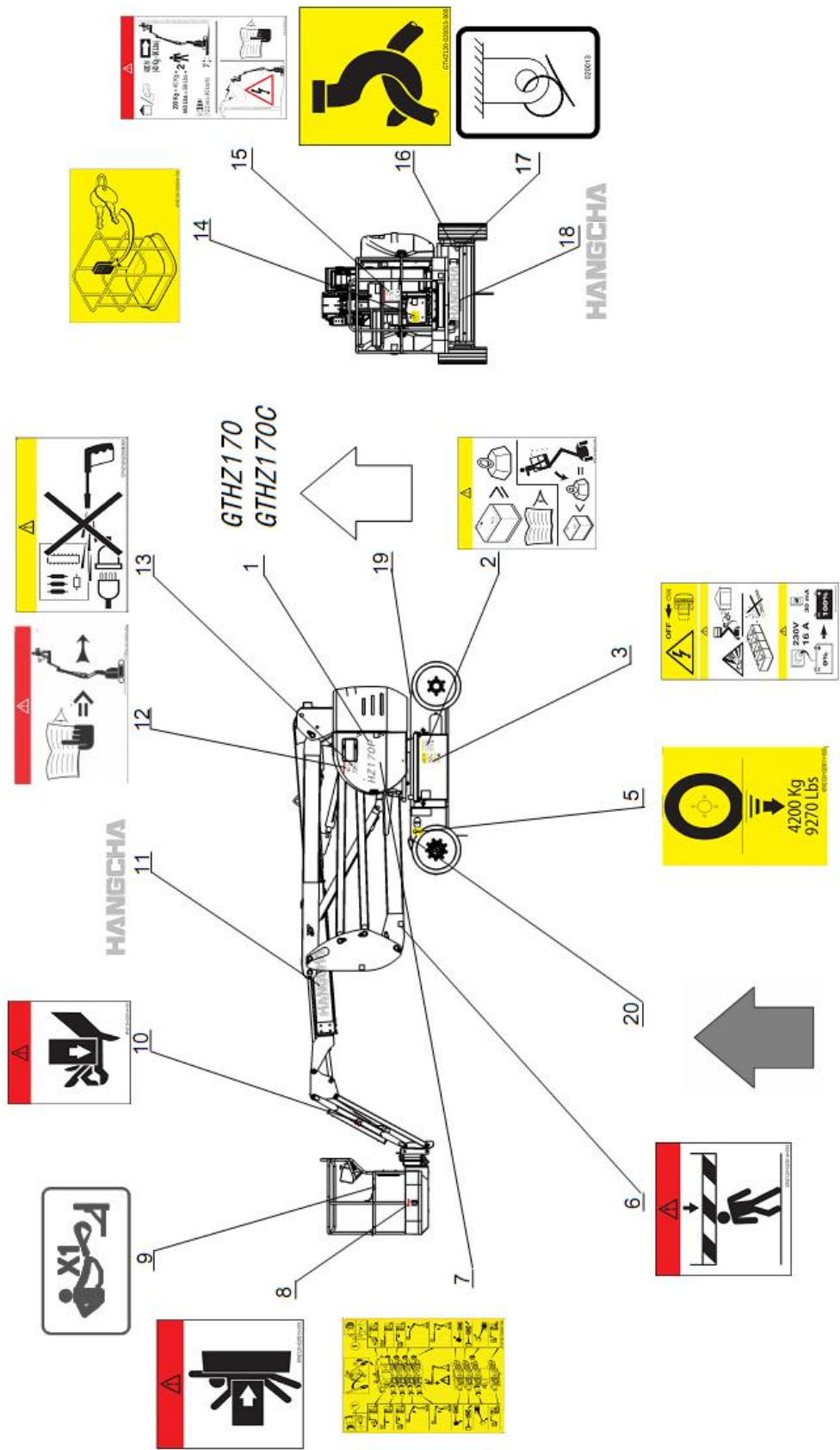


图 7-2 标识 (GTHZ170/GTHZ170C)

| 序号<br>Item<br>No. | 代号<br>Part No.      | 名称<br>Description | 数量<br>Qty | 备注或适用车型<br>Remarks or<br>Series No. | 物料码<br>Code No. |
|-------------------|---------------------|-------------------|-----------|-------------------------------------|-----------------|
| 1                 | GTHZ170-020001-000  | 型号标签 “GTHZ170”    | 2         |                                     |                 |
|                   | GTHZ170C-020001-000 | 型号标签 “GTHZ170C”   | 2         |                                     |                 |
| 2                 | GTHZ120-020012-000  | 标签 “电池重量警示”       | 2         |                                     |                 |
| 3                 | GTHZ120-020003-000  | 标签 “充电注意说明”       | 1         |                                     |                 |
| 5                 | GTHZ120-020013-000  | 标签 “吊装处”          | 4         |                                     |                 |
| 6                 | GTHZ120-020016-000  | 标签 “防压头标签”        | 1         |                                     |                 |
| 7                 | GTHZ120-020009-001  | 标签 “手动操作说明”       | 1         |                                     |                 |
| 8                 | GTHZ120-020015-000  | 标签 “防夹标签”         | 2         |                                     |                 |
| 9                 | 140XEN-020024-001   | 安全锚点标签            | 2         |                                     |                 |
| 10                | GTHZ120-020014-000  | 标签 “防夹手标签”        | 2         |                                     |                 |
| 11                | GTHZ120-020021-000  | 标签 “文字 HANGCHA”   | 1         |                                     |                 |
| 12                | GTHZ120-020005-000  | 标签 “操作前需查阅说明书”    | 1         |                                     |                 |
| 13                | GTHZ120-020008-000  | 标签 “不要喷洒液体”       | 1         |                                     |                 |
| 14                | GTHZ120-020004-000  | 标签 “钥匙存放处”        | 1         |                                     |                 |
| 15                | GTHZ120-020002-000  | 载荷标签              | 1         |                                     |                 |
| 16                | GTHZ120-020011-000  | 标签 “地面承载”         | 4         |                                     |                 |
| 17                | GTWZ110-020013-000  | 捆绑位置标签            | 4         |                                     |                 |
| 18                | GTHZ120-020022-000  | 标签 “文字 HANGCHA”   | 2         |                                     |                 |
| 19                | GTHZ120-020006-000  | 标签 “前”            | 1         |                                     |                 |
| 20                | GTHZ120-020007-000  | 标签 “后”            | 1         |                                     |                 |



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