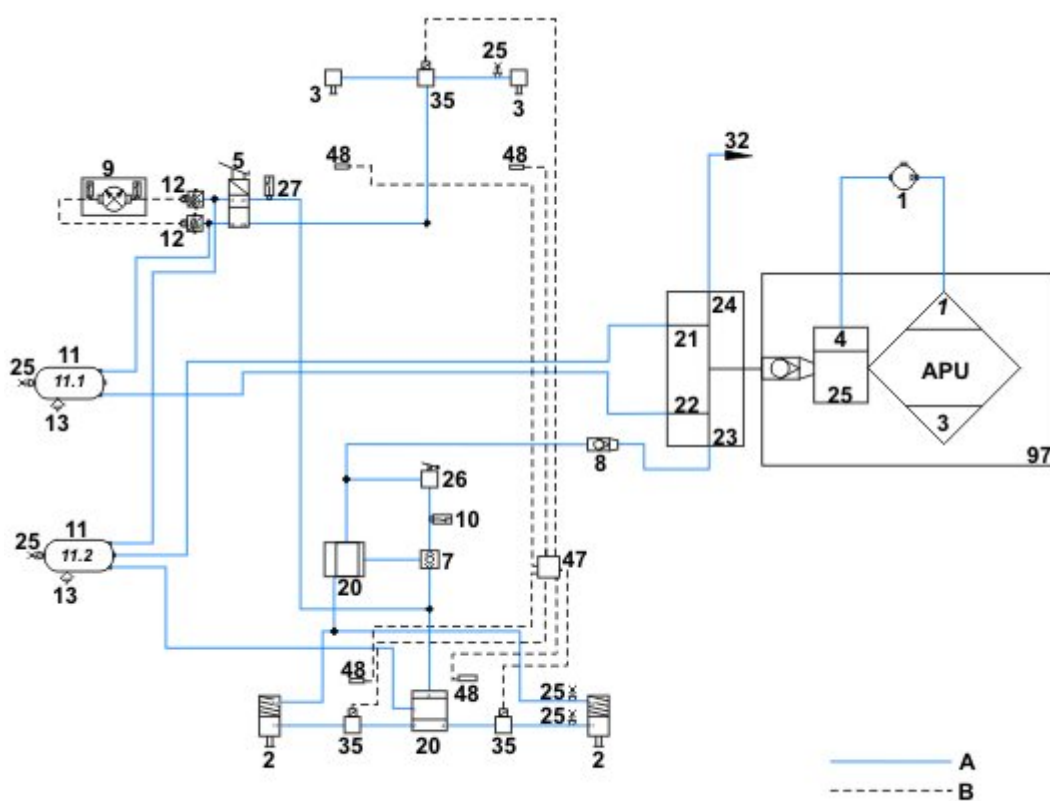


|                     |                                              |
|---------------------|----------------------------------------------|
| <b>Chassis ID</b>   | <b>Path</b>                                  |
| JPCT 30523          | 56/Schematic diagrams//Brake circuit diagram |
| <b>Model</b>        | <b>Identity</b>                              |
| UD-MDE              | 137003449                                    |
| <b>Publish date</b> | <b>ID/Operation</b>                          |
| 26/04/2016          |                                              |

## Brake circuit diagram

### GVW (Gross Vehicle Weight) 10.4 Ton to 14 Ton – ABS



**A** Pneumatic pipe  
**B** Electrical Cable

- 1 Compressor
- 2 Spring brake chamber
- 3 Brake chamber
- 5 Foot brake valve
- 7 Double check valve
- 8 Check valve
- 9 Gauge two circuits

10 Low pressure indicator

11 Air tank

11.1 Air tank, Front

11.2 Air tank, Rear

12 Electric pressure sender

13 Drain valve

20 Relay valve

**Quad valve**

21 Service brake, Rear

22 Service brake, Front

23 Parking brake

24 Auxiliary brake

25 Test connection

26 Park secondary brake valve

27 Brake light switch

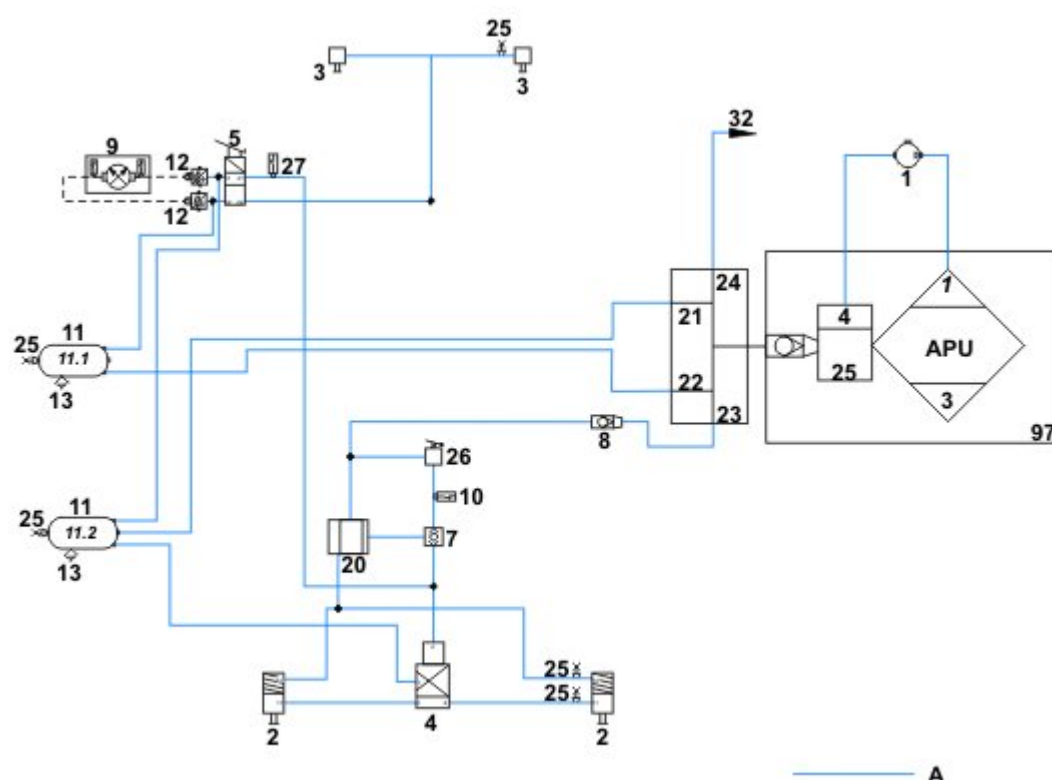
35 ABS solenoid valve

47 ECU (Electronic Control Unit)

48 Wheel speed sensor

97 APU

## GVW (Gross Vehicle Weight) 10.4 Ton to 14 Ton – UABS



**A** Pneumatic pipe

1 Compressor

2 Spring brake chamber

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- 3 Brake chamber
- 4 Load sensing Relay valve
- 5 Foot brake valve
- 7 Double check valve
- 8 Check valve
- 9 Gauge two circuits
- 10 Low pressure indicator

- 11 Air tank
- 11.1 Air tank, Front
- 11.2 Air tank, Rear

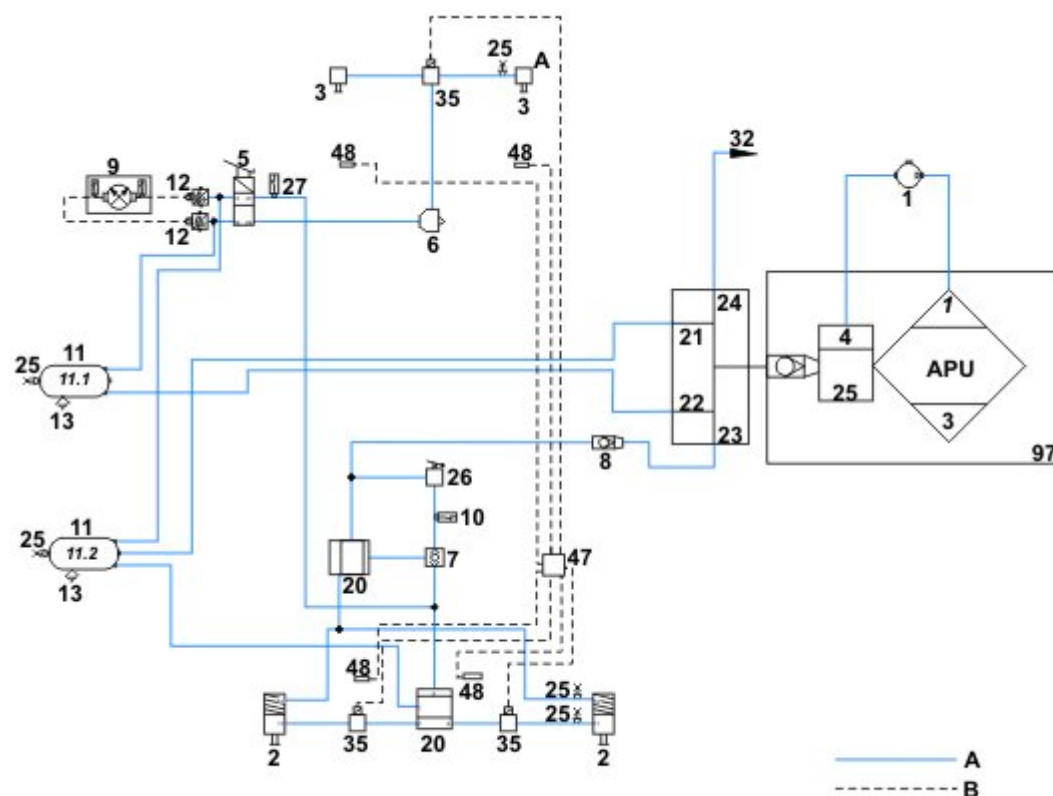
- 12 Electric pressure sender
- 13 Drain valve

#### Quad valve

- 21 Service brake, Rear
- 22 Service brake, Front
- 23 Parking brake
- 24 Auxiliary brake

- 25 Test connection
- 26 Park secondary brake valve
- 27 Brake light switch
- 97 APU

### GVW (Gross Vehicle Weight) 15 Ton to 17 Ton – ABS



#### A Pneumatic pipe

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**B Electrical Cable**

- 1** Compressor
- 2** Spring brake chamber
- 3** Brake chamber
- 4** Load sensing Relay valve
- 5** Foot brake valve
- 6** Quick release valve
- 7** Double check valve
- 8** Check valve
- 9** Gauge two circuits
- 10** Low pressure indicator

- 11** Air tank
- 11.1** Air tank, Front
- 11.2** Air tank, Rear

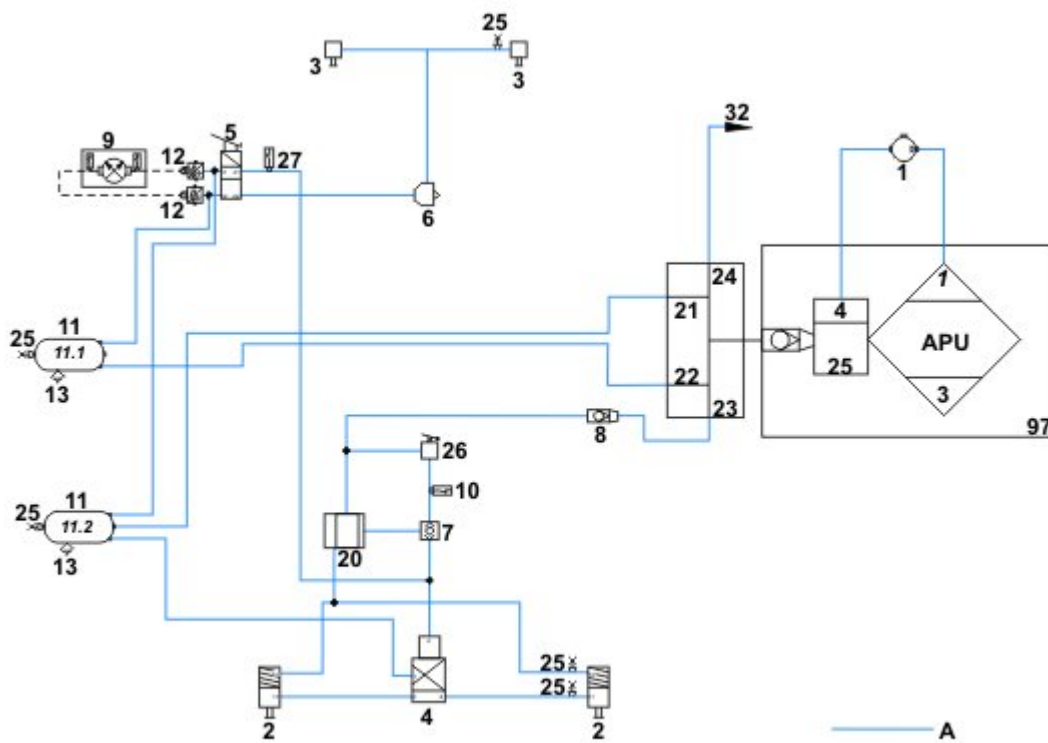
- 12** Electric pressure sender
- 13** Drain valve
- 20** Relay valve

**Quad valve**

- 21** Service brake, Rear
- 22** Service brake, Front
- 23** Parking brake
- 24** Auxiliary brake

- 25** Test connection
- 26** Park secondary brake valve
- 27** Brake light switch
- 35** ABS solenoid valve
- 47** ECU (Electronic Control Unit)
- 48** Wheel speed sensor
- 97** APU

**GVW (Gross Vehicle Weight) 15 Ton to 17 Ton – UABS**



#### A Pneumatic pipe

- 1 Compressor
- 2 Spring brake chamber
- 3 Brake chamber
- 4 Load sensing Relay valve
- 5 Foot brake valve
- 6 Quick release valve
- 7 Double check valve
- 8 Check valve
- 9 Gauge two circuits
- 10 Low pressure indicator
- 11 Air tank
- 11.1 Air tank, Front
- 11.2 Air tank, Rear
- 12 Electric pressure sender
- 13 Drain valve
- 20 Relay valve

#### Quad valve

- 21 Service brake, Rear
- 22 Service brake, Front
- 23 Parking brake
- 24 Auxiliary brake

#### 25 Test connection

#### 26 Park secondary brake valve

#### 27 Brake light switch

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**97 APU**