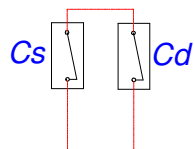


BRAKE WEAR CONTACTS



Series connection with brake wear cable of drive axle

KEY

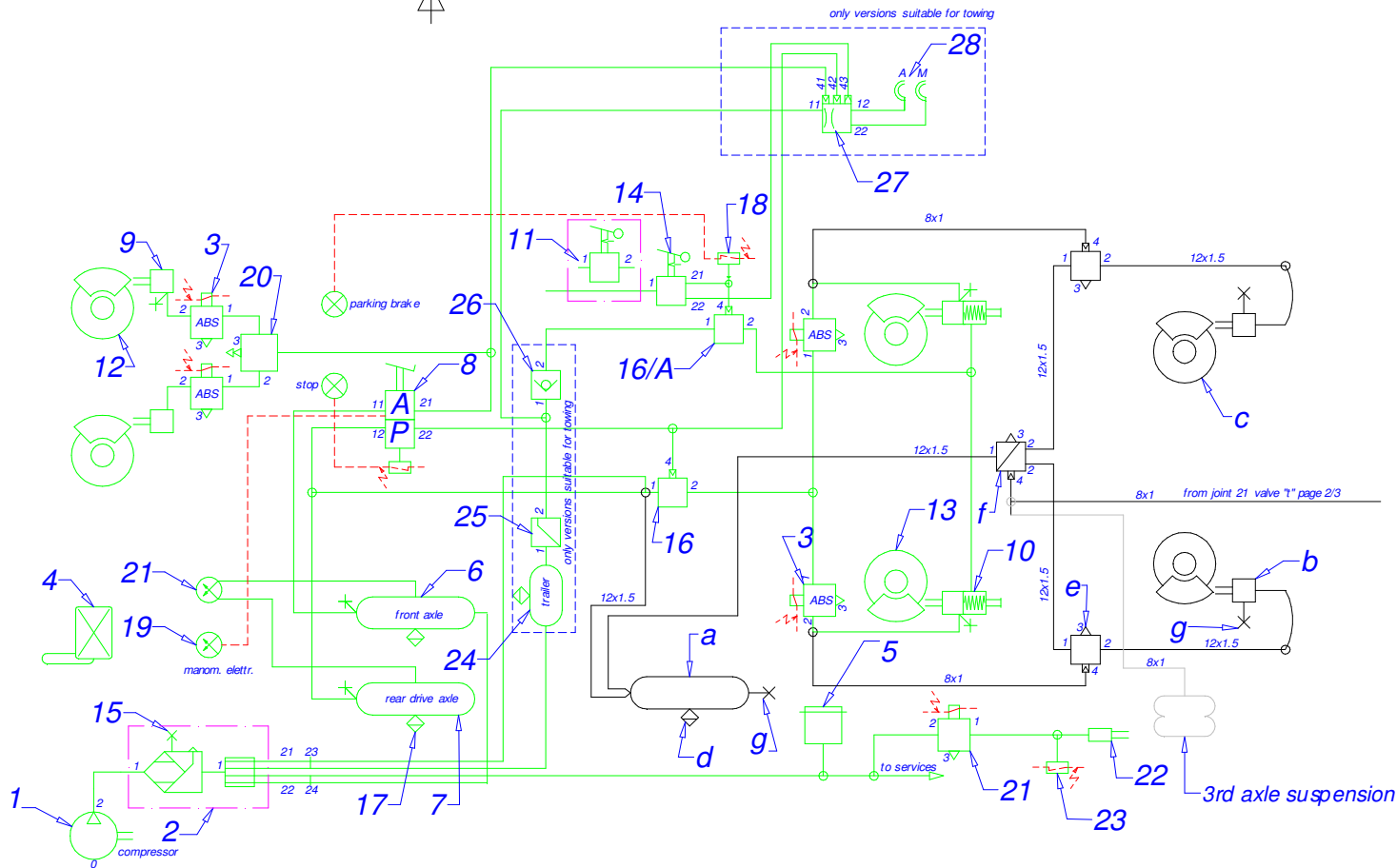
- Cs - LEFT CALIPER CONTACT
(OPEN WITH WEARED RUNNERS)
- Cd - RIGHT CALIPER CONTACT
(OPEN WITH WEARED RUNNERS)

KEY

- 1 - Single cylinder compressor
- 2 - A.P.U. Dryer with regulator 11 bar - 4-way protection valve 7.5 / 6.5 bar.
- 3 - Electropneumatic valve for ABS
- 4 - Anti-lock electronic unit.
- 5 - Services safety valve (Optional)
- 6 - Front axle air tank
- 7 - Rear axle air tank
- 8 - Duplex self-limiting brake control unit 7.6 bar.
- 9 - Membrane brake cylinder (front axle) (24").
- 10 - Membrane brake cylinder (drive axle), combined with spring (20/27").
- 11 - Parking brake safety valve.
- 12 - Front axle disc brake (Ø432 mm, braking surface 408 cm² per wheel).
- 13 - Drive axle disc brake (dimensions: as front axle, pos. 12).
- 14 - Manual parking brake actuator (self-limited 7.5 bar).
- 15 - Pressure control socket.
- 16 - Single-acting relay valve
- 16/A - Single-acting relay valve for parking brake.
- 17 - Manual drain bleed valve.
- 18 - Low pressure indicator switch 6.5 bar.
- 19 - Electric pressure gauge for low pressure indicators 6.5 bar (axle - drive axle).
- 20 - Quick discharge valve.
- 21 - Engine brake control.
- 22 - Engine brake operating cylinder.
- 23 - Engine brake electric actuator pressure switch.

Added components for 6x2 conversion

- a - Air tank 20 l
- b - Brake cylinder type 12"
- c - Rear axle disc brake (dimensions: as front axle, pos. 12).
- d - Manual drain bleed valve.
- e - Relay valve.
- f - Pneumatic control modulator - 1: 1.5 ratio
- g - Pressure control socket



Only for versions suitable for towing:
24 - Trailer air tank (15 liters)
25 - Reduction trailer pressure
26 - Check valve
27 - Servo distributor of the trailer brake
28 - ISO semi-coupling for trailer

N.B. 4-CHANNELS ABS SYSTEM

SERVICE BRAKE: pneumatic with pedal control, on the six wheels, with two independent circuits, one for the front axle and one for the rear axles.

RESCUE BRAKE: encompassed with service brake.

PARKING BRAKE: mechanical spring with pneumatic control, acting on 2nd axle.

ENGINE BRAKE: With independent control.

Suspensions and services pneumatic system scheme : see sheet 2/3

Pos.	Q.tà	Designazione, materiale, dimensione, ecc.	Codice	Modifiche
Materiale	Unificazione	Trattamento	Caratteristiche meccaniche	Massa kg Unità di misura lineari: mm angoli: sessagesimali
Disegnato da	Controllato da	Data	Scala	Quote senza indicazione di tolleranza secondo tabella UNI EN 22768/1, con grado di precisione
P.M.		27.04.2017		
		Disegno di proprietà della System Truck s.r.l. - Vietata la riproduzione non autorizzata. S.T. System Truck S.p.A. via Paesa, 28 - I 46048 Roverbella (MN) tel. +39 0376 696009 - info@stsystemtruck.com		
Titolo SCHEMA IMPIANTO FRENANTE Iveco ML 180E.. Euro5 - allestimento 6x2 con 3° asse posteriore autosterzante - freni a disco		N° DISEGNO 25.01.15.0005		
		Modifica Foglio 1 del 08.01.2018 1/2		