

Tightening Torques

TIGHTENING TORQUES

BRAKE ASSEMBLIES (VAC./HYD.)	Nm	lbf. ft.
Caliper mtg. half to cover half (4 x 46M)	100	74
Piston housing to caliper bridge (2 x 50 pin slider)	69	51
Upper and lower slide pins (2 x 50 pin slider)	100	74
Rear wheel cylinders to backplate	15	11
Caliper assy to swivel axle	119	88
Brake disc to wheel hub	68	50

BRAKE ASSEMBLIES (AIR/HYD.)		
Large retaining bolt (front wheel cyl.)	56	42
Small retaining bolt (front wheel cyl.)	31	23
Rear wheel cylinder to backplate	8	6
Adjuster lever locknut	8	6
Handbrake expander locknut	8	6

LOAD SENSING VALVE

Load sensing valve to bracket	57	42
L.S.V. bracket to frame	57	42
L.S.V. adjusting block	15	11

HYDRAULIC FITTINGS

4,75 mm Bundy female pipe nuts	12	9
4,75 mm Bundy male pipe nuts	9	7
6,00 mm Bundy male and female pipe nuts	23	17
Bleed screw	9	7

Tightening Torques**AIR LINE FITTINGS (AIR/HYD.)**

	Nm	lbf. ft.
6 mm nylon airline	12	9
9 mm nylon airline	23	17

MASTER CYLINDER (VAC./HYD.)

Master cylinder to servo	16	12
Brake fluid reservoir to master cylinder	7	5

MASTER CYLINDER (AIR/HYD.) HAULAGE

Master cylinder to servo and center bracket	30	22
Adapter – reservoir to master cylinder	40,5	30
Counter nut – reservoir to master cylinder	5,4	4

MASTER CYLINDER (AIR/HYD.) P.S.V.

Stop bolt - secondary piston	45	33
Recuperating valve body	41	30
Nut and connector - reservoir	18	13
Residual line pressure valve	41	30

SERVO (VAC./HYD.)

Servo to bulkhead	26	19
Rear diaphragm support plate to valve body	3,2	2,5
Retaining nut – front diaphragm support plate	16	12
Servo clamp ring fixings	1,5	1,1
Fork end locknut	23	17

Tightening Torques

TANDEM ACTUATOR (AIR/HYD.) TYPE 24/24 HAULAGE

	Nm	lbf. ft.
Actuator centre bracket to frame bracket	26	19
Actuator end centre stud to bracket	26	19
Actuator inlet port fittings.	26	19
Actuator clamp ring fixings.	5	4

TANDEM ACTUATOR (AIR/HYD.) TYPE 475 P.S.V.

Cylinder clamp nuts	25	18
Master cylinder to actuator	30	22

HANDBRAKE (VAC./HYD.)

Mounting bracket to cab floor	26	19
Hand lever pivot bolt.	57	42
Relay lever pivot	47	35
Cable clamp bolt to rear axle	20	15
Compensator pivot pin nut.	106	78
Compensator link pin nut	41	30

SPRING BRAKE (AIR/HYD.)

Spring brake to rear axle	47	35
Cylinder to body fixings	7	5